

Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
 Data File : BM013872.D
 Acq On : 27 Jan 2018 07:57
 Operator : SJ/JU
 Sample : J1222-13DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A95DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.581	772	781	790	rBV	520706	873312	4.48%	0.866%
2	8.793	983	987	997	rVB	162118	256697	1.32%	0.255%
3	10.357	1241	1253	1259	rBV2	716884	1672580	8.59%	1.659%
4	11.381	1420	1427	1432	rBV	236423	406524	2.09%	0.403%
5	11.786	1489	1496	1502	rBV	587163	891113	4.57%	0.884%
6	12.033	1533	1538	1544	rVB2	97564	197842	1.02%	0.196%
7	12.257	1568	1576	1584	rBV4	101615	226336	1.16%	0.225%
8	12.616	1633	1637	1647	rVB2	126428	216678	1.11%	0.215%
9	12.757	1657	1661	1667	rVB	288308	378758	1.94%	0.376%
10	13.057	1706	1712	1721	rVV	946804	1434721	7.37%	1.423%
11	13.557	1792	1797	1801	rBV3	94010	197781	1.02%	0.196%
12	13.639	1807	1811	1817	rVB4	195847	333412	1.71%	0.331%
13	13.722	1818	1825	1829	rVV2	580553	910805	4.68%	0.904%
14	13.763	1829	1832	1840	rVB3	200758	336488	1.73%	0.334%
15	14.139	1891	1896	1901	rBV	1434955	1857166	9.53%	1.843%
16	14.233	1901	1912	1919	rVV4	1109581	2399998	12.32%	2.381%
17	14.298	1919	1923	1933	rVV	608058	1030365	5.29%	1.022%
18	14.380	1933	1937	1943	rVB2	259066	389640	2.00%	0.387%
19	14.639	1977	1981	1986	rVB2	481114	659008	3.38%	0.654%
20	14.763	1998	2002	2005	rBV3	363280	569316	2.92%	0.565%
21	14.874	2017	2021	2030	rVB	497685	836648	4.30%	0.830%
22	15.004	2039	2043	2050	rVB5	152359	331659	1.70%	0.329%
23	15.098	2055	2059	2064	rVB	1880963	2347899	12.05%	2.329%
24	15.233	2079	2082	2086	rVB	182544	250566	1.29%	0.249%
25	15.292	2087	2092	2096	rBV	436952	702469	3.61%	0.697%
26	15.504	2122	2128	2133	rBV	816005	1321887	6.79%	1.311%
27	15.598	2139	2144	2150	rVB6	216577	398560	2.05%	0.395%
28	15.657	2150	2154	2158	rBV3	240824	370882	1.90%	0.368%
29	15.710	2158	2163	2174	rVB5	808273	1413194	7.25%	1.402%
30	15.969	2202	2207	2209	rBV	2687492	3982396	20.44%	3.951%
31	16.033	2215	2218	2223	rVB2	432702	538047	2.76%	0.534%
32	16.304	2261	2264	2268	rBV2	196230	202820	1.04%	0.201%
33	16.474	2289	2293	2296	rBV2	209082	263446	1.35%	0.261%
34	16.651	2317	2323	2331	rVB	13685989	19479241	100.00%	19.326%

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35	16.757	2334	2341	2346	rVV	2770742	3694964	18.97%	3.666%
36	16.810	2346	2350	2360	rVB2	1042071	1603596	8.23%	1.591%
37	16.898	2362	2365	2368	rBV2	208859	281148	1.44%	0.279%
38	16.992	2376	2381	2385	rBV	1374254	2090603	10.73%	2.074%
39	17.033	2385	2388	2393	rVV	1772642	2528332	12.98%	2.508%
40	17.092	2394	2398	2401	rVV3	504477	829544	4.26%	0.823%
41	17.127	2401	2404	2409	rVB	565898	818224	4.20%	0.812%
42	17.221	2416	2420	2426	rVB3	392601	646322	3.32%	0.641%
43	17.298	2430	2433	2439	rVB5	225194	337064	1.73%	0.334%
44	17.410	2449	2452	2460	rVB4	376634	673842	3.46%	0.669%
45	17.498	2462	2467	2471	rBV	2995976	3518050	18.06%	3.490%
46	17.774	2510	2514	2523	rBV7	341807	755595	3.88%	0.750%
47	18.004	2549	2553	2555	rBV2	218353	319426	1.64%	0.317%
48	18.192	2580	2585	2590	rBV	2882271	3463468	17.78%	3.436%
49	18.368	2613	2615	2621	rBV2	192403	290875	1.49%	0.289%
50	18.421	2621	2624	2631	rVV4	211509	397334	2.04%	0.394%
51	18.827	2689	2693	2701	rVB	2704975	3239056	16.63%	3.214%
52	18.939	2709	2712	2717	rBV	281376	427113	2.19%	0.424%
53	19.057	2728	2732	2741	rVB	2518925	3343544	17.16%	3.317%
54	19.415	2785	2793	2799	rBV2	3970973	5939993	30.49%	5.893%
55	19.951	2880	2884	2888	rVB	2592154	2834880	14.55%	2.813%
56	20.451	2965	2969	2974	rBV	2056782	2241102	11.51%	2.223%
57	20.915	3044	3048	3053	rVB	2072457	2234720	11.47%	2.217%
58	21.192	3090	3095	3100	rBV2	1833838	2767314	14.21%	2.746%
59	21.351	3118	3122	3126	rBV	1403598	1460227	7.50%	1.449%
60	21.774	3191	3194	3203	rVB	1072720	1429633	7.34%	1.418%
61	22.227	3268	3271	3275	rVB	724502	882635	4.53%	0.876%
62	22.727	3351	3356	3361	rBV2	1009202	1856598	9.53%	1.842%
63	23.192	3433	3435	3440	rVB	375184	502176	2.58%	0.498%
64	23.380	3463	3467	3474	rVB	1025990	1708396	8.77%	1.695%

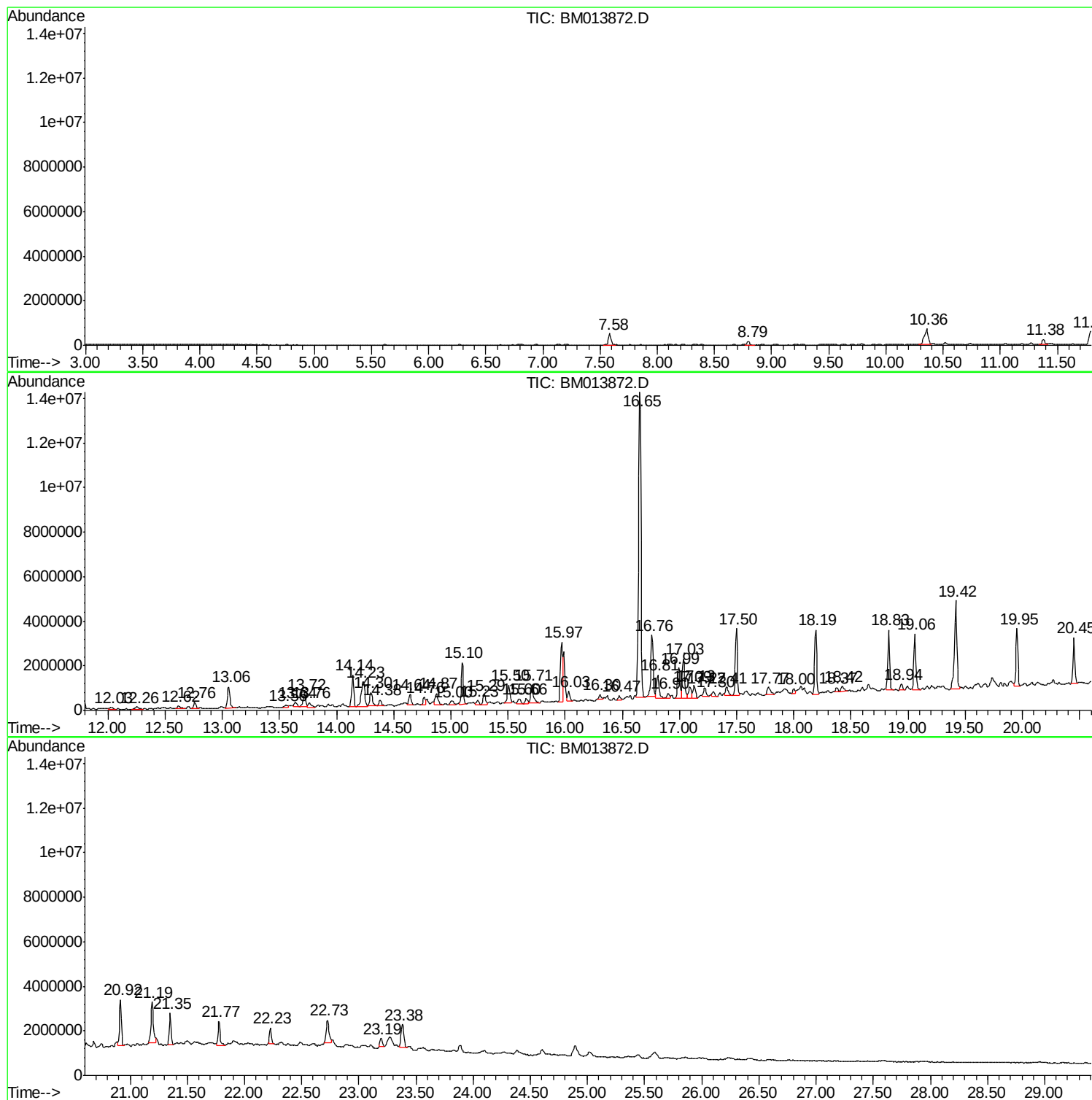
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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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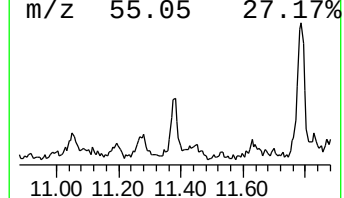
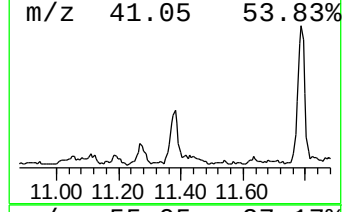
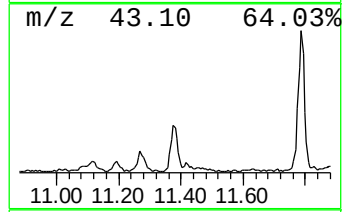
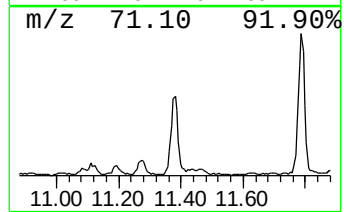
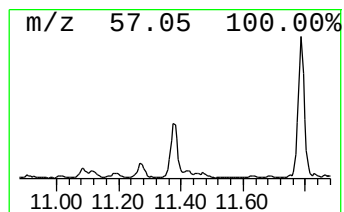
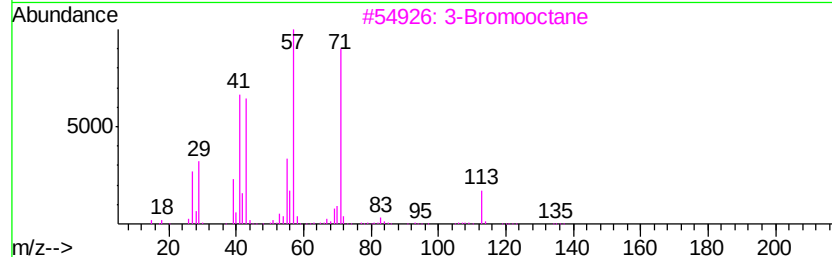
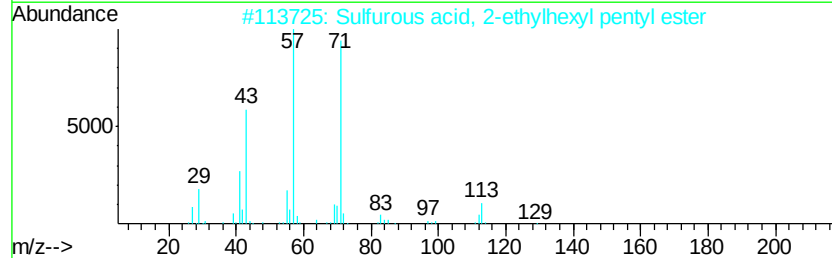
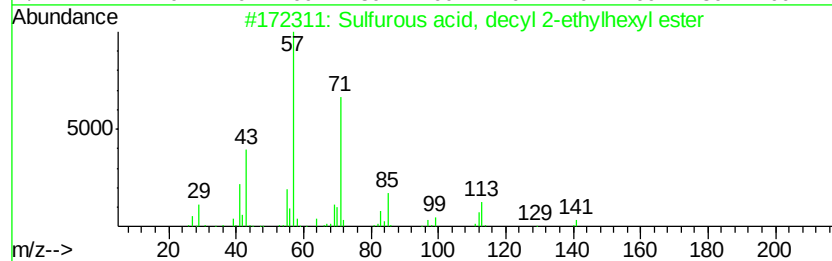
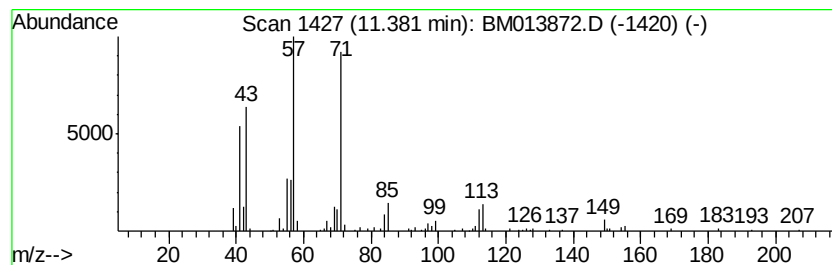
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfurous acid, decyl 2-eth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	4.86 ng/ul	406524	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
2		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3		3-Bromooctane	192	C8H17Br	000999-64-4	58
4		Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	50
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	50



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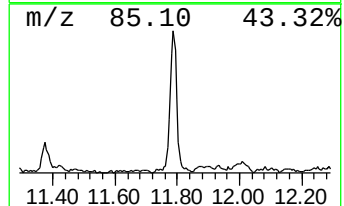
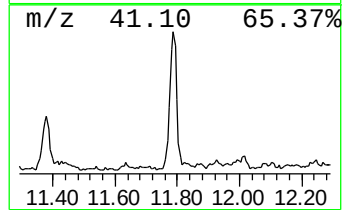
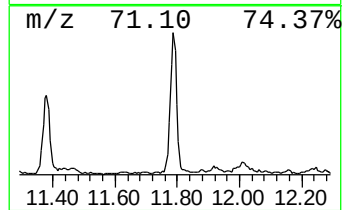
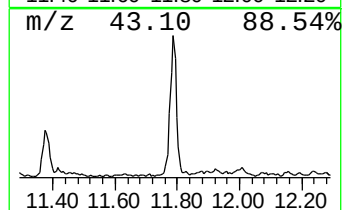
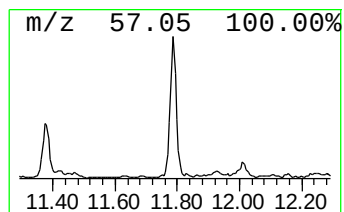
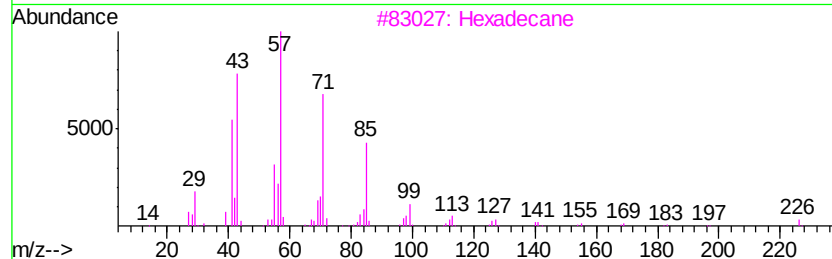
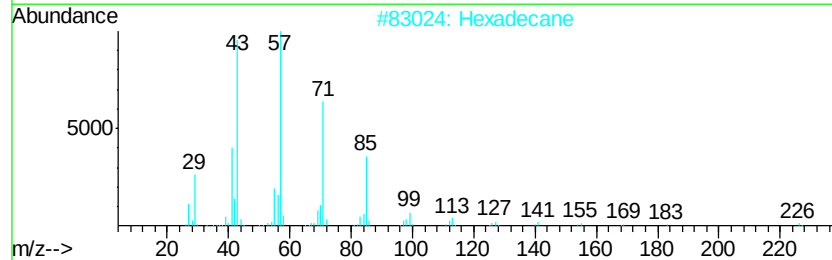
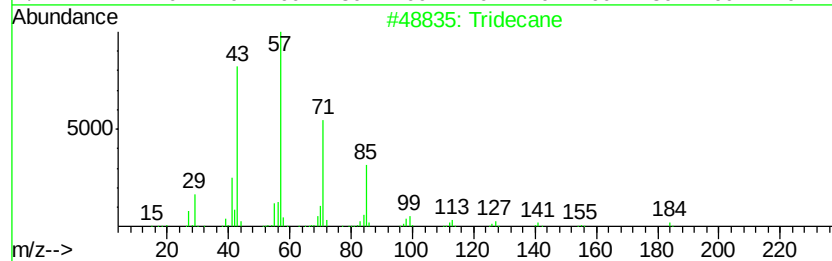
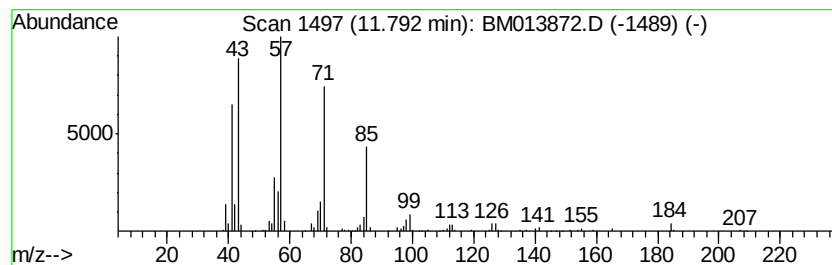
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.66 ng/ul	891113	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane	184	C13H28	000629-50-5	87
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86



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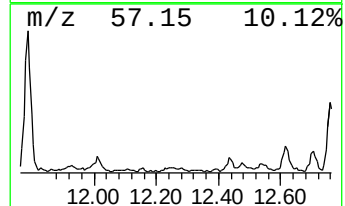
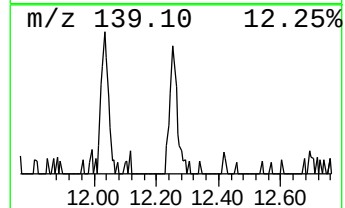
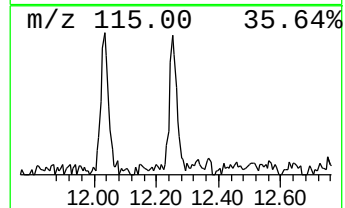
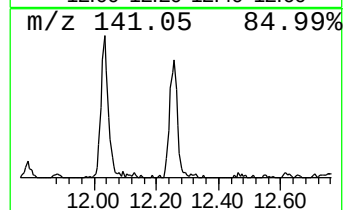
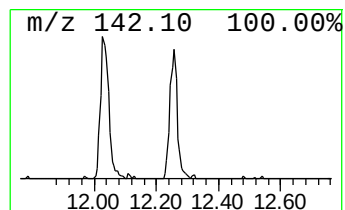
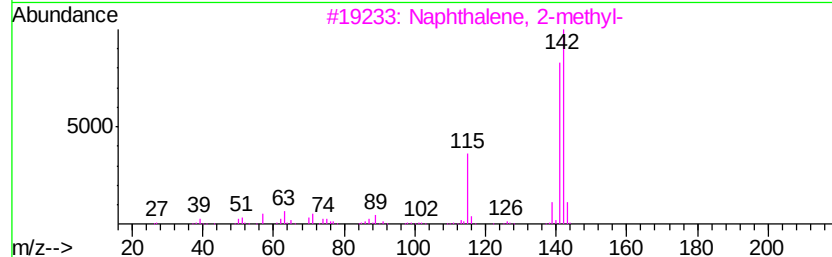
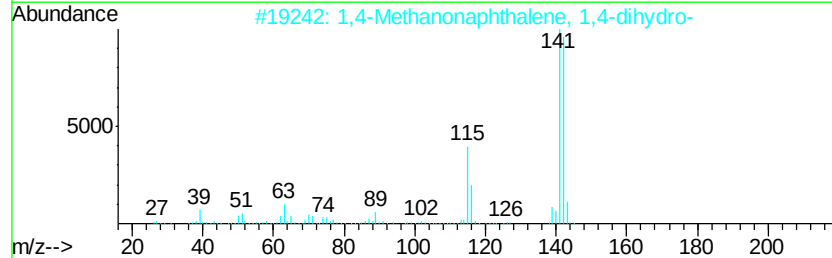
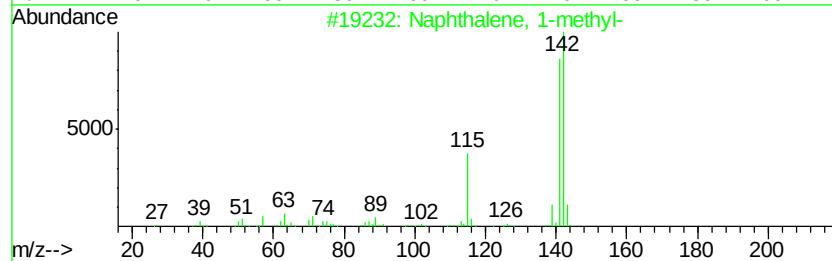
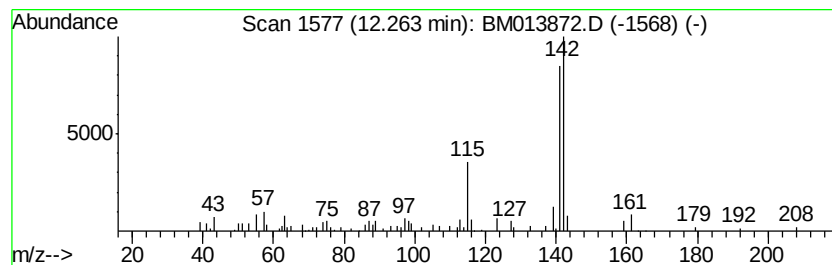
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.71 ng/ul	226336	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5		Benzocycloheptatriene	142	C11H10	000264-09-5	90



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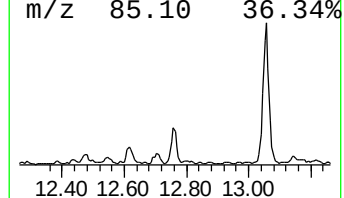
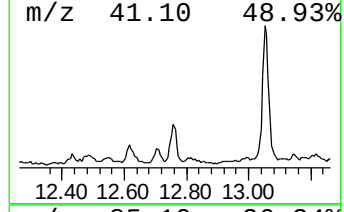
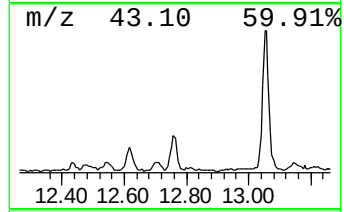
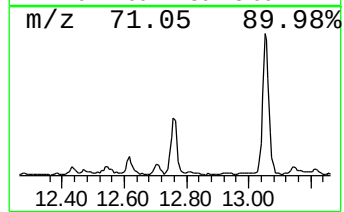
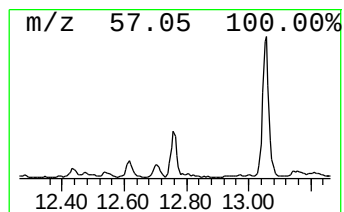
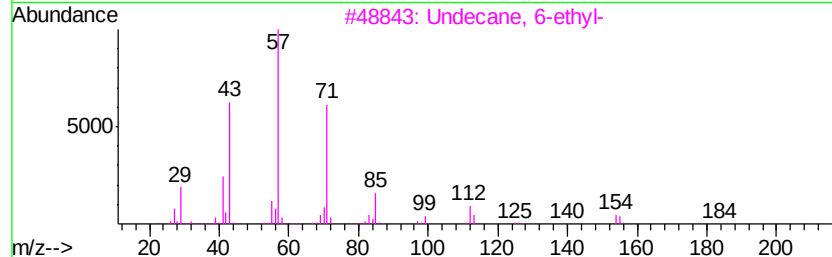
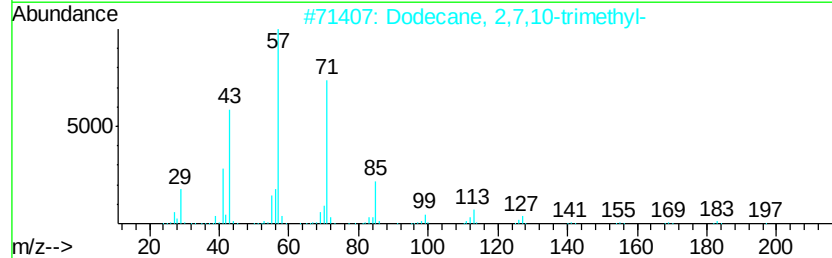
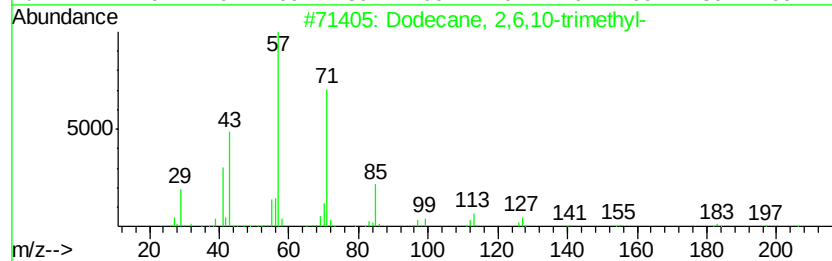
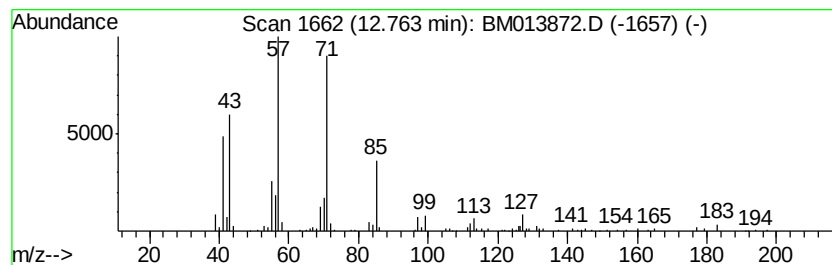
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.16 ng/ul	378758	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
5		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	64



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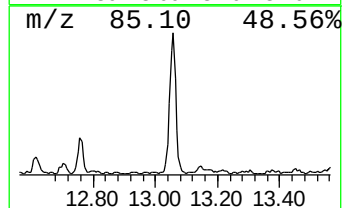
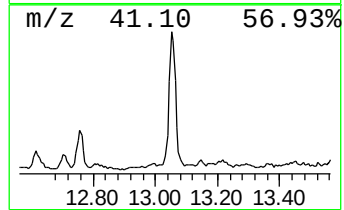
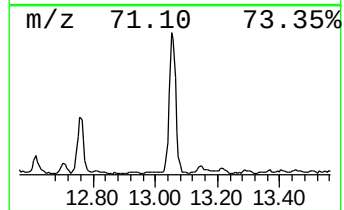
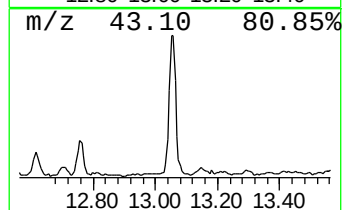
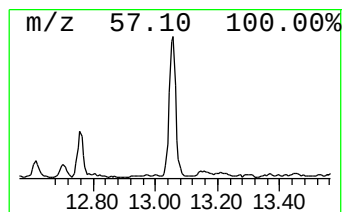
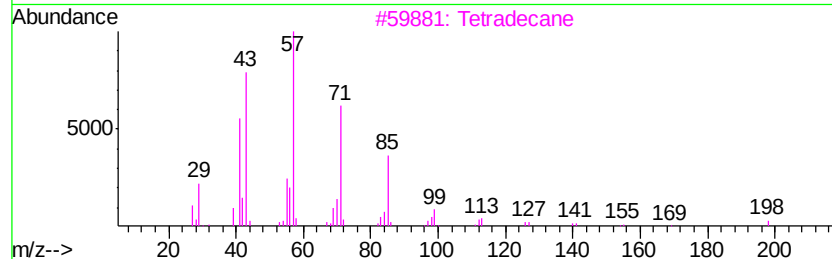
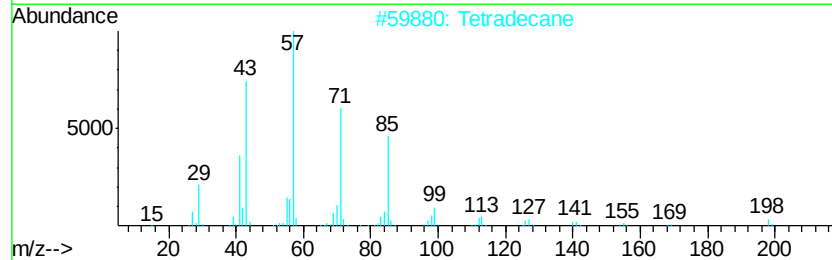
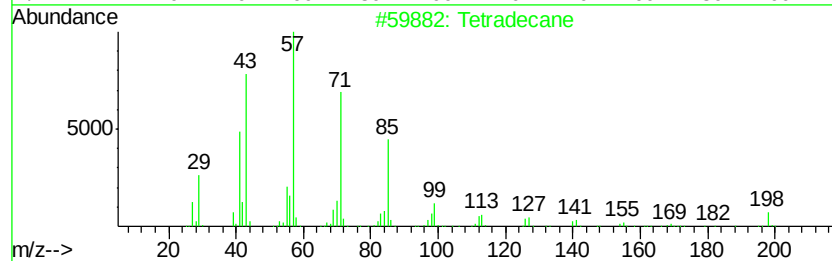
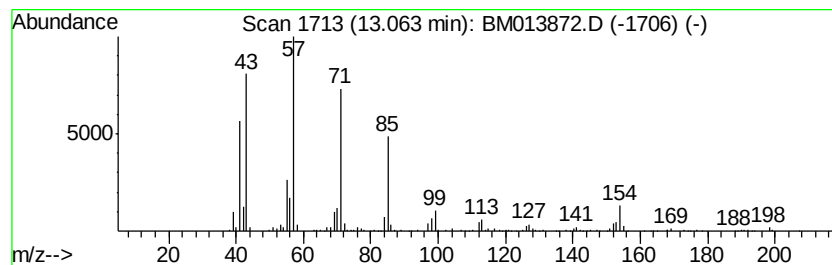
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	11.96 ng/ul	1434720	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	95
3		Tetradecane	198	C14H30	000629-59-4	95
4		Tetradecane	198	C14H30	000629-59-4	93
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

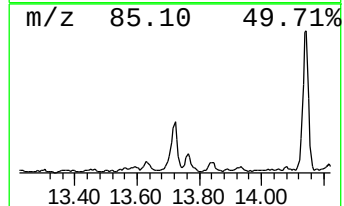
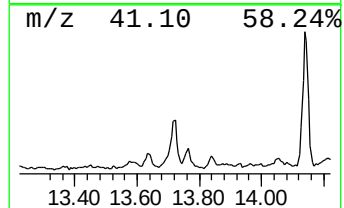
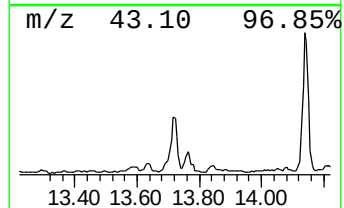
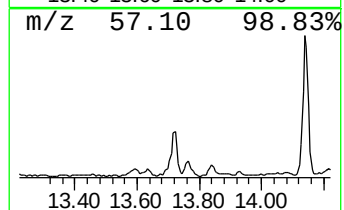
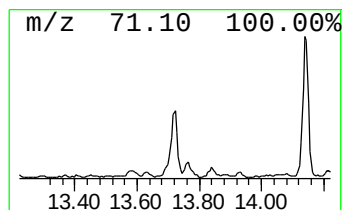
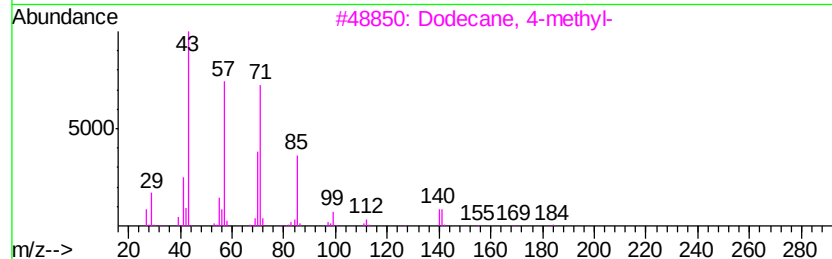
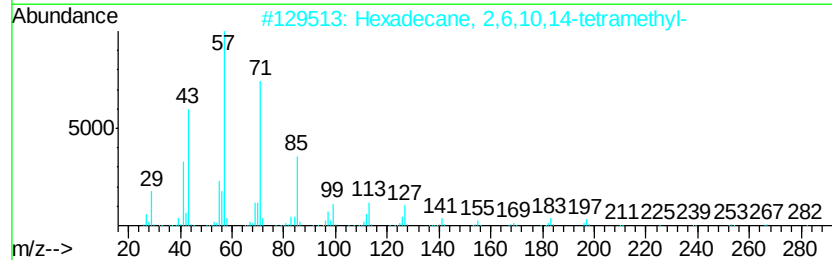
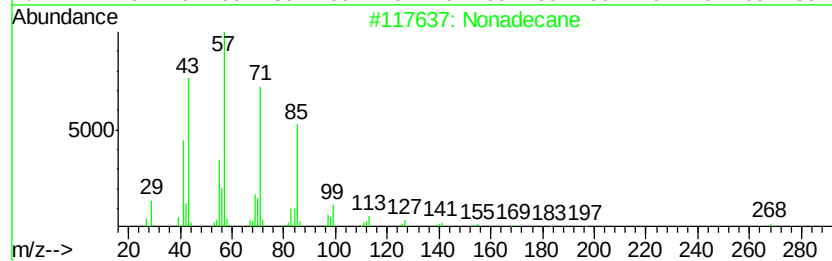
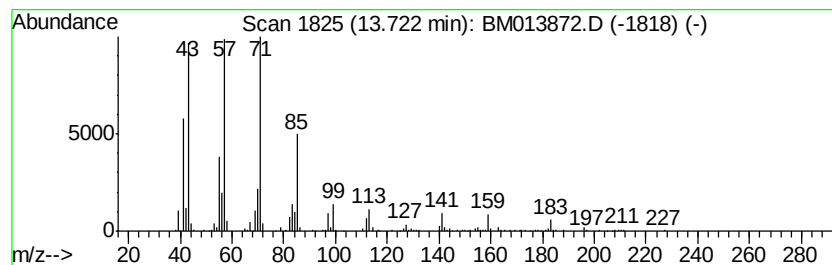
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.72	7.59 ng/ul	910805	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
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Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

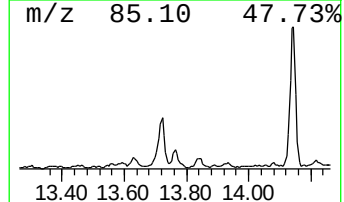
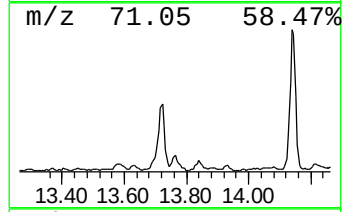
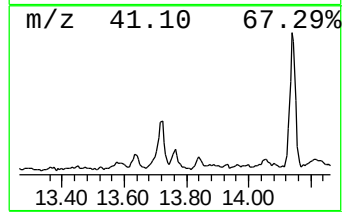
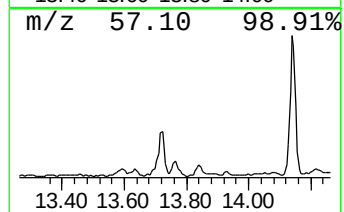
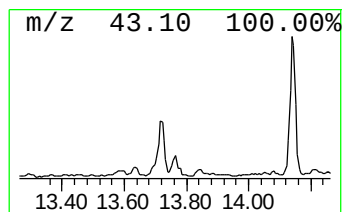
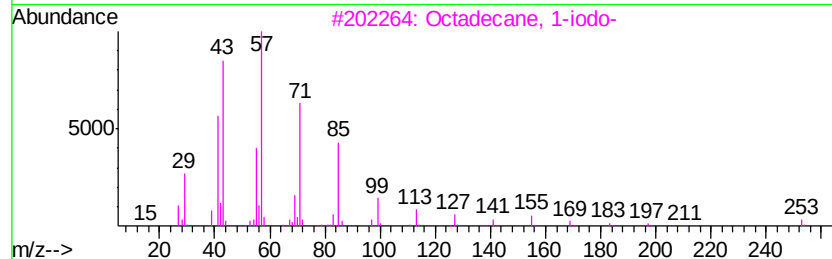
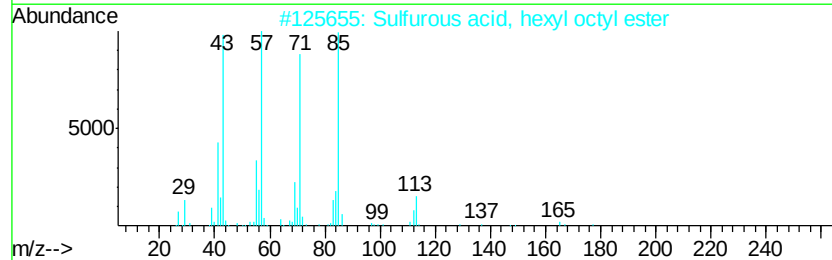
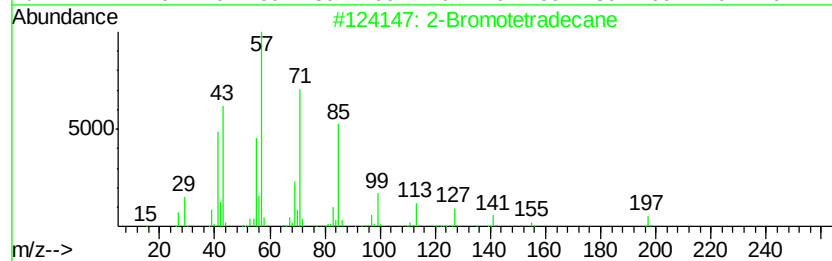
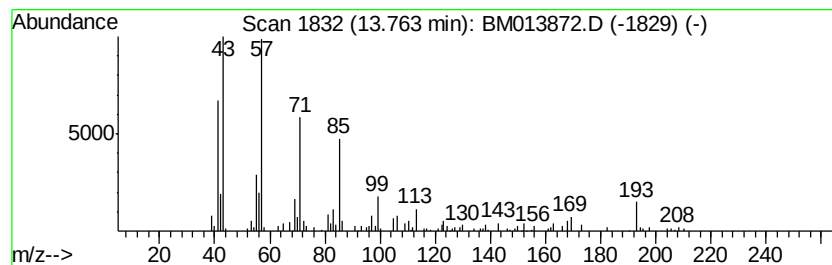
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Bromotetradecane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.80 ng/ul	336488	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromotetradecane	276 C14H29Br	074036-95-6	72
2	Sulfurous acid, hexyl octyl ester	278 C14H30O3S	1000309-13-0	64
3	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	64
4	Heneicosane	296 C21H44	000629-94-7	64
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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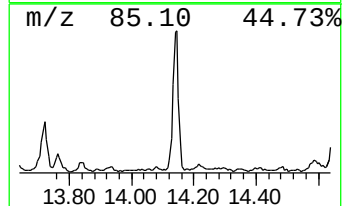
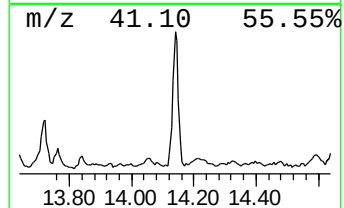
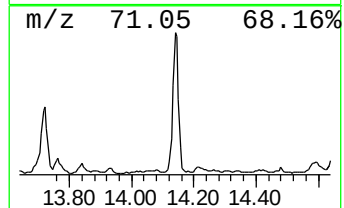
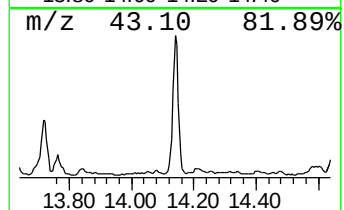
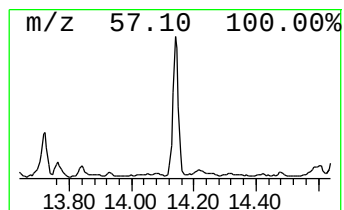
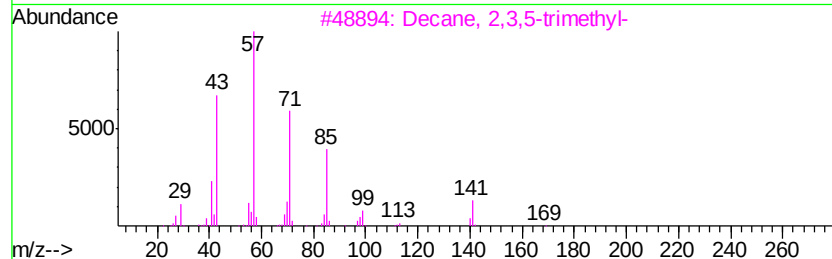
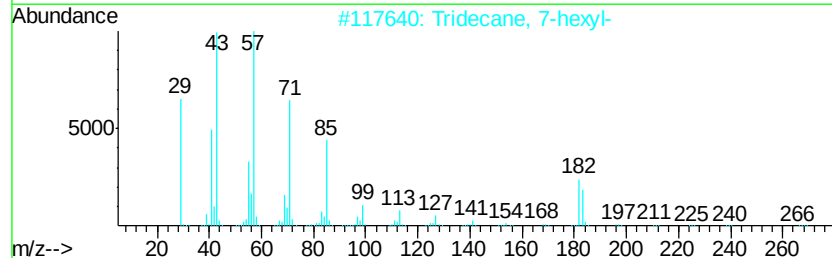
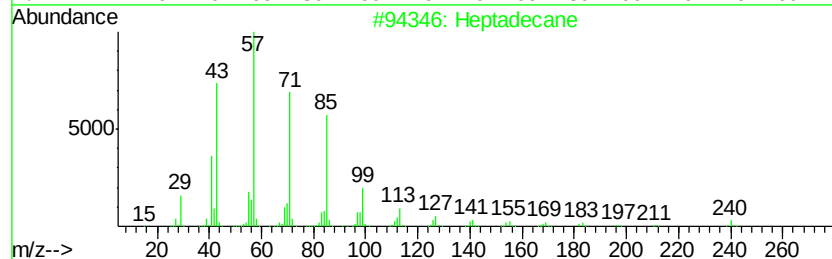
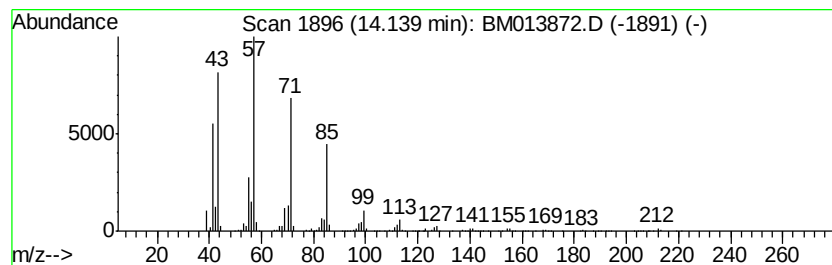
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	15.48 ng/ul	1857170	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
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Operator : SJ/JU
Sample : J1222-13DL 10X
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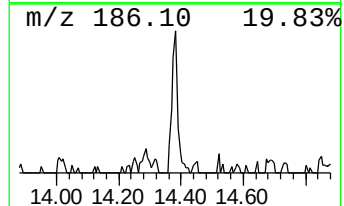
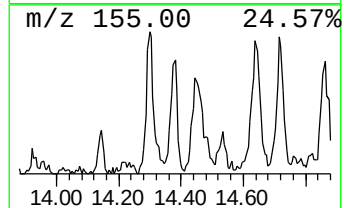
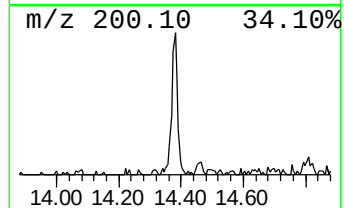
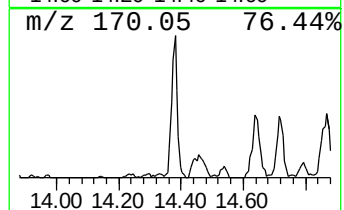
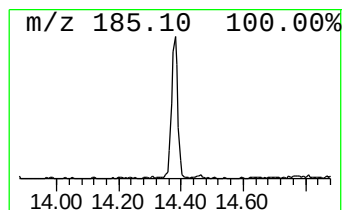
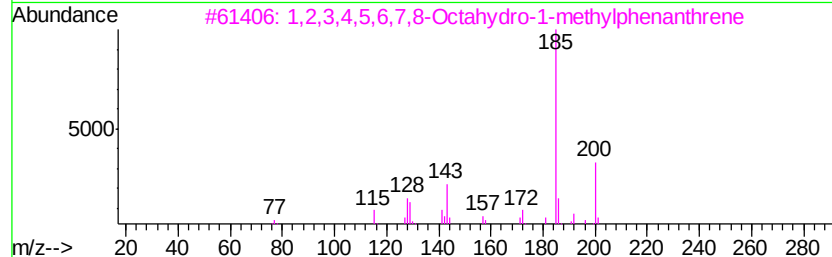
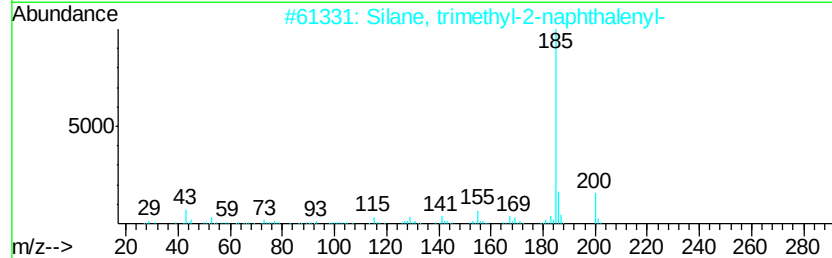
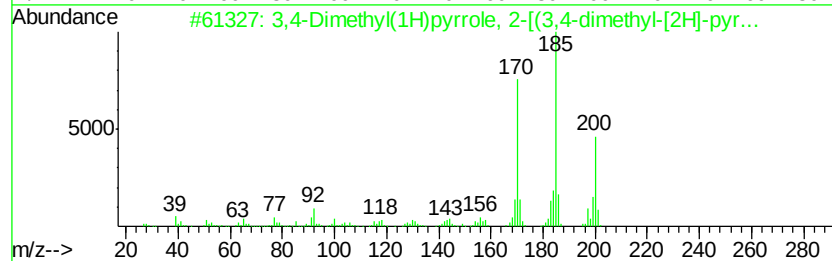
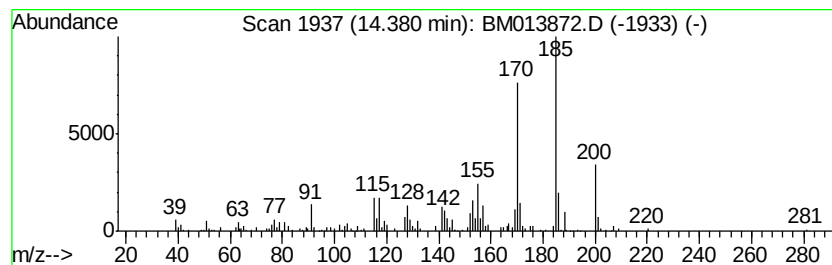
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.25 ng/ul	389640	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200 C13H16N2	065539-79-9	74
2	Silane, trimethyl-2-naphthalenyl-	200 C13H16Si	018052-85-2	45
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200 C15H20	1000080-19-4	43
4	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200 C13H16N2	1000261-34-8	43
5	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	42



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
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Misc :
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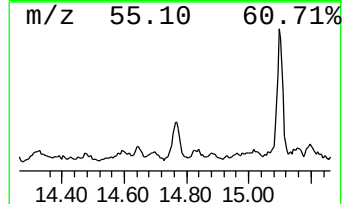
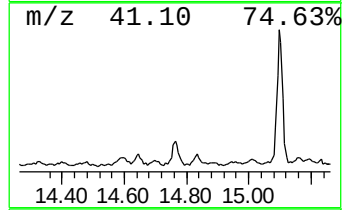
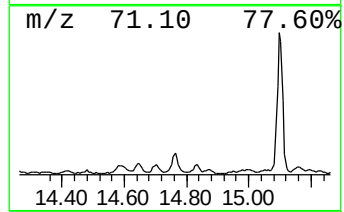
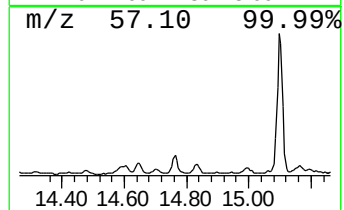
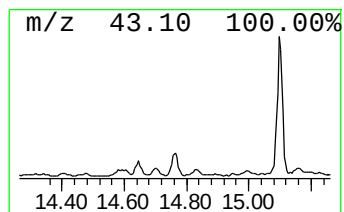
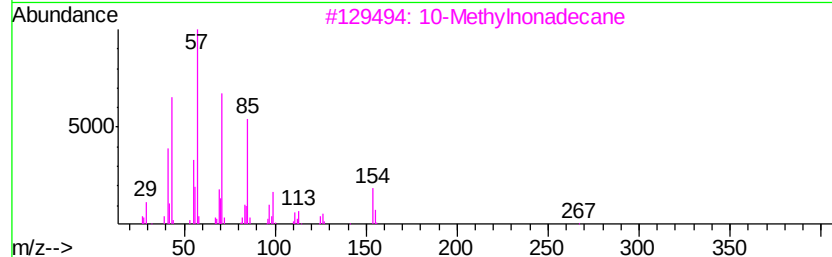
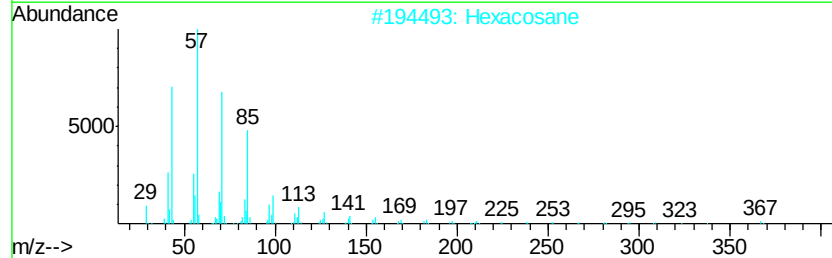
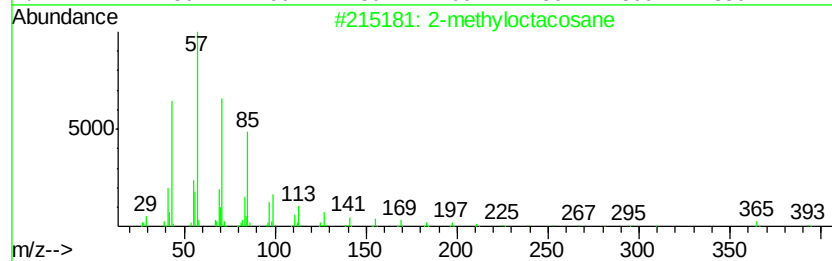
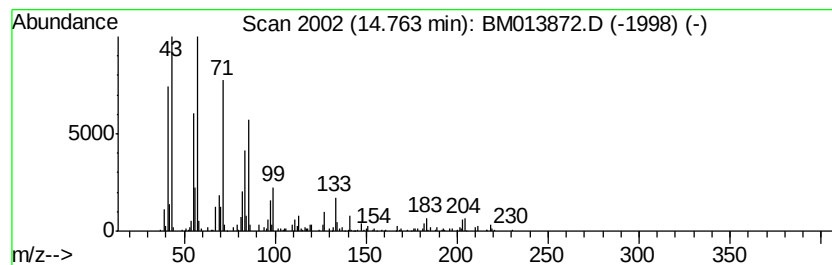
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.74 ng/ul	569316	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	64
2			Hexacosane	366	C26H54	000630-01-3	58
3			10-Methylnonadecane	282	C20H42	056862-62-5	58
4			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	58
5			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	58



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
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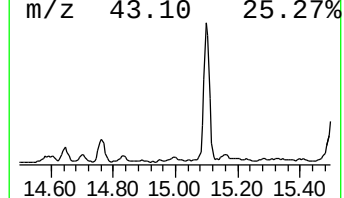
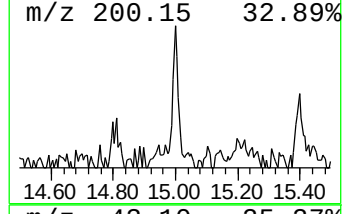
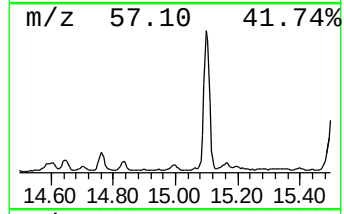
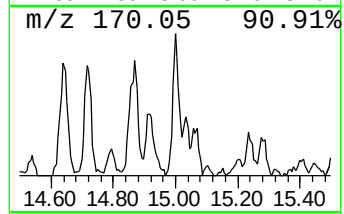
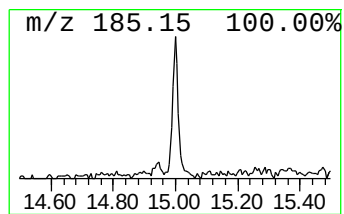
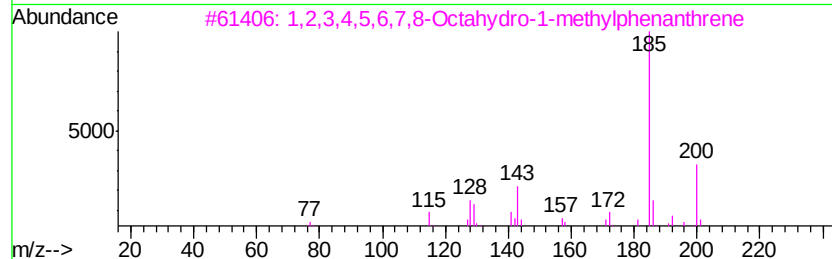
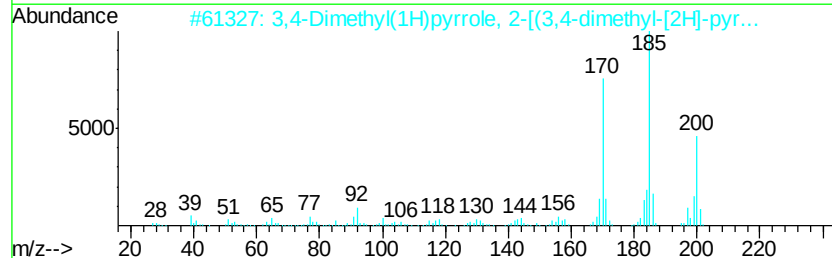
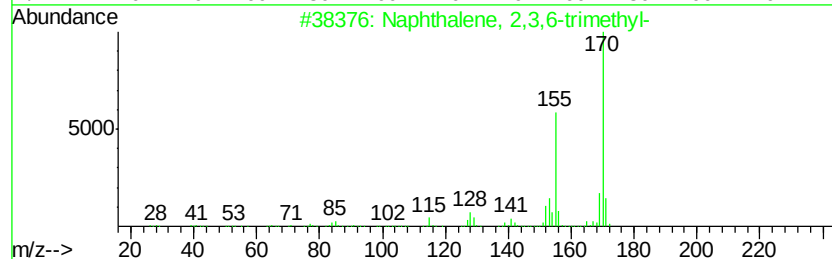
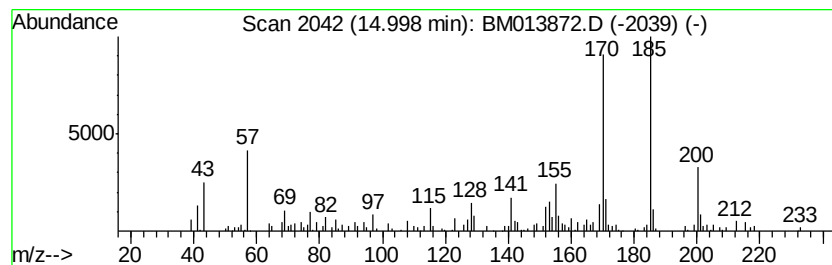
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.76 ng/ul	331659	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
2		3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	64
3		1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	60
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5		4'-(1-Pyrrolyl)acetophenone	185	C12H11NO	022106-37-2	49



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
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Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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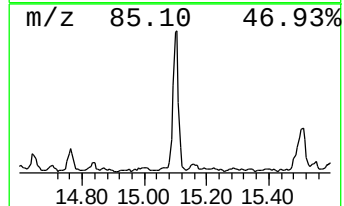
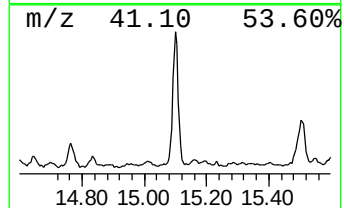
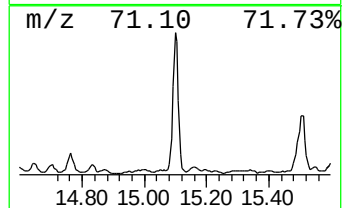
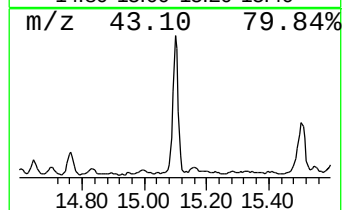
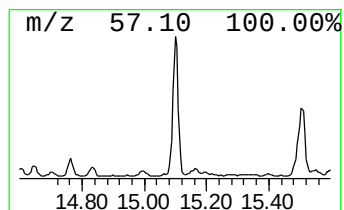
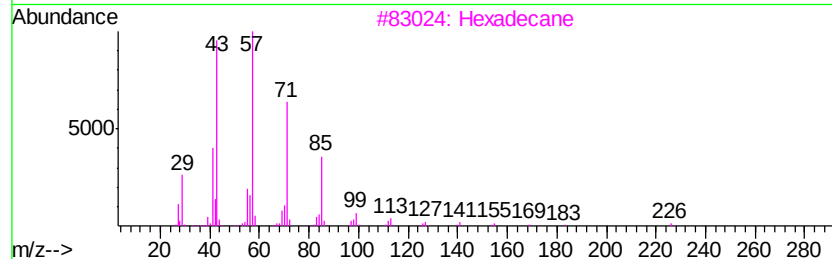
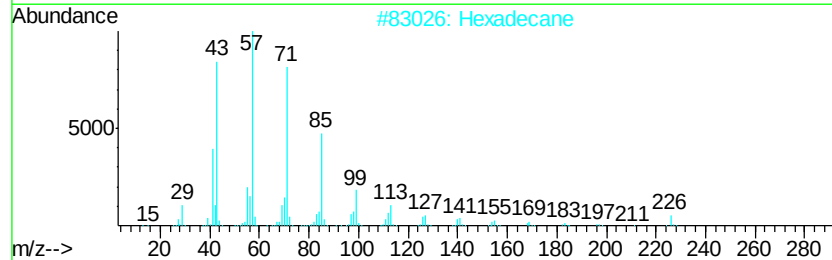
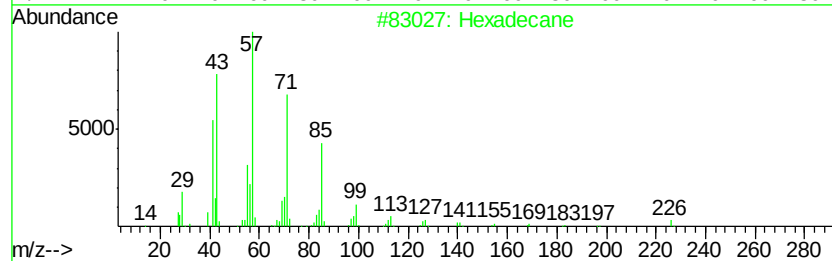
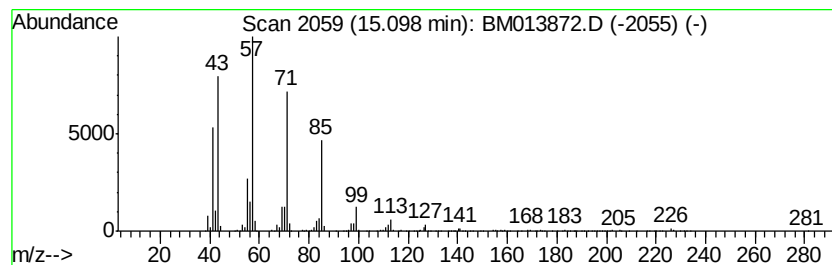
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	19.57 ng/ul	2347900	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Hexadecane	226	C16H34	000544-76-3	94
3			Hexadecane	226	C16H34	000544-76-3	93
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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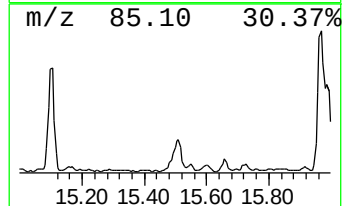
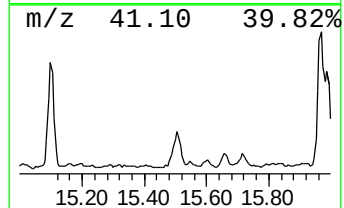
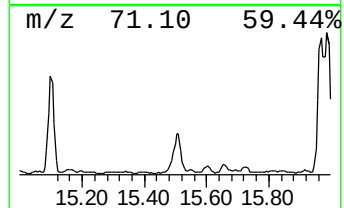
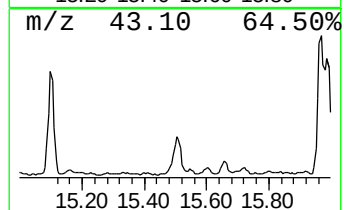
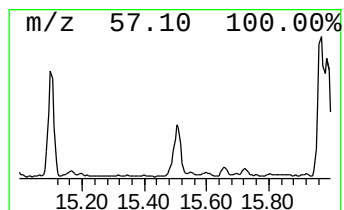
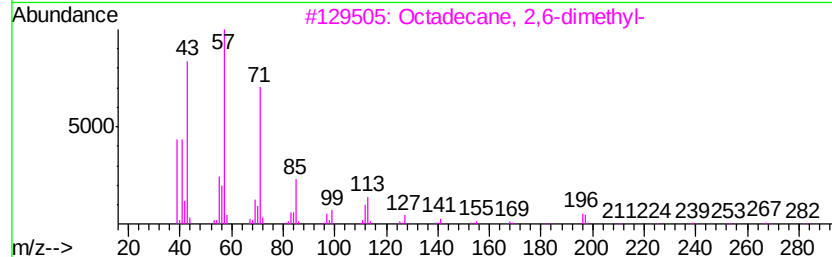
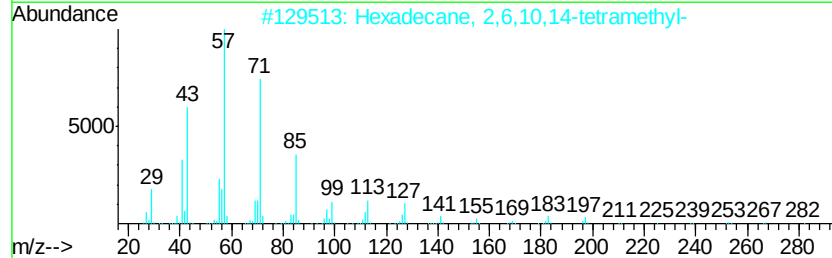
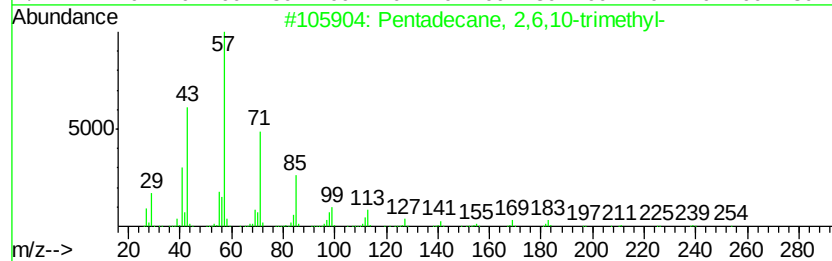
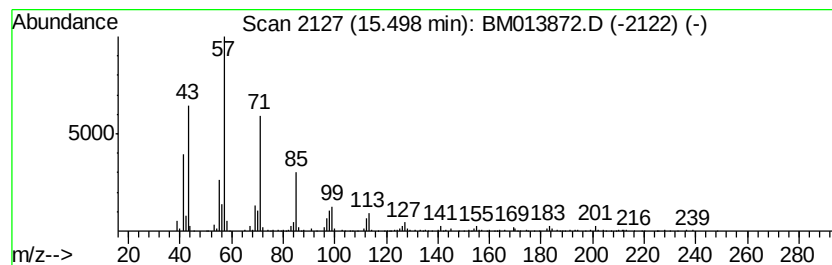
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	11.02 ng/ul	1321890	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

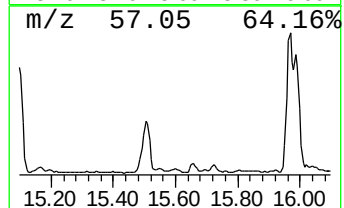
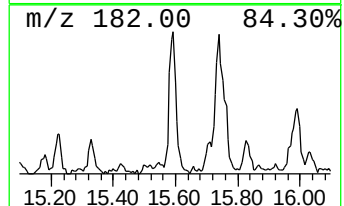
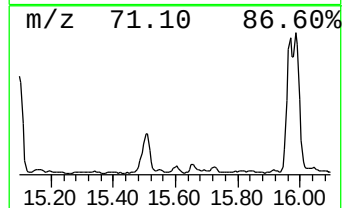
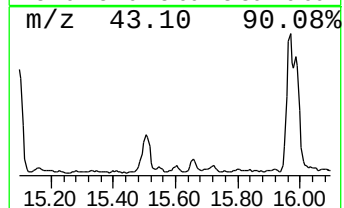
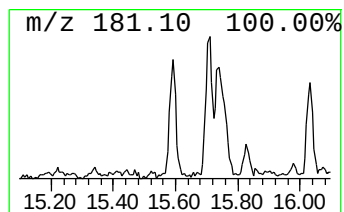
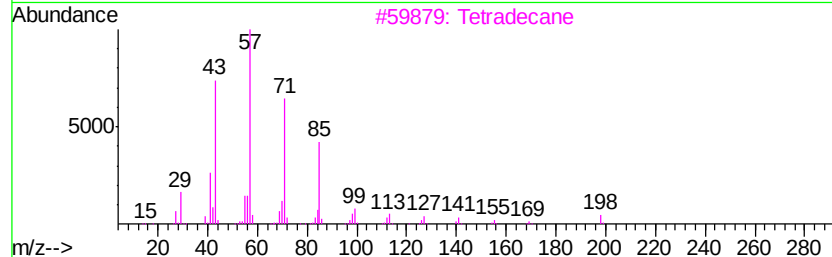
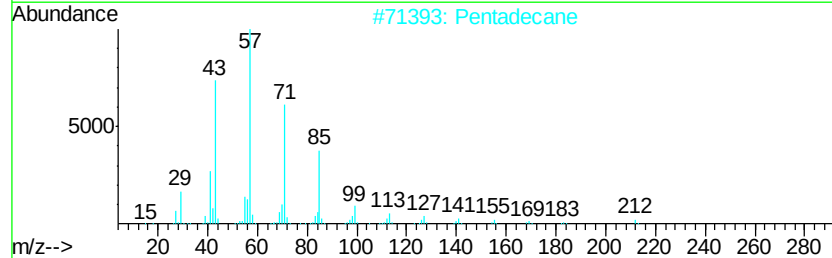
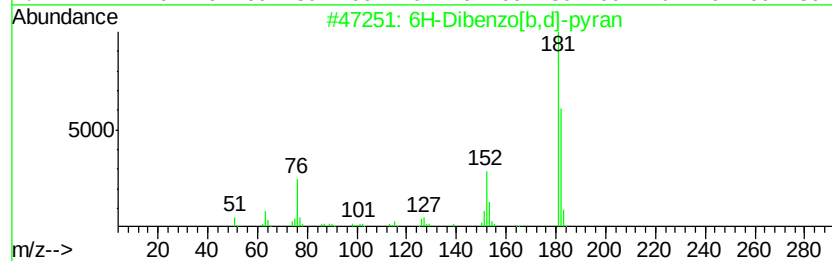
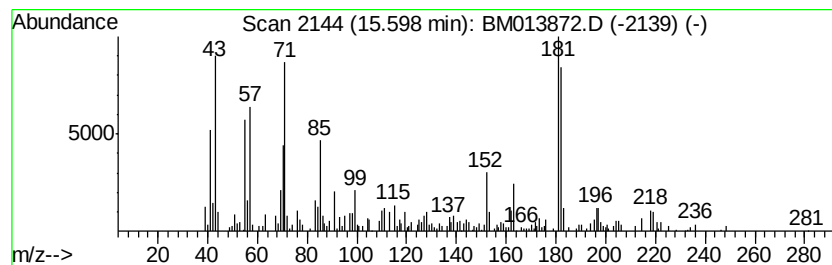
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.60	3.32 ng/ul	398560	Acenaphthene-d10		14.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	38
2		Pentadecane	212	C15H32	000629-62-9	38
3		Tetradecane	198	C14H30	000629-59-4	30
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	30
5		Hexadecane, 4-methyl-	240	C17H36	025117-26-4	30



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A95DL

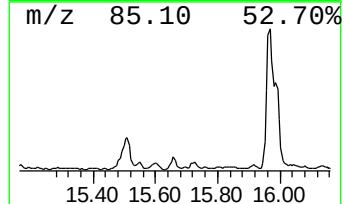
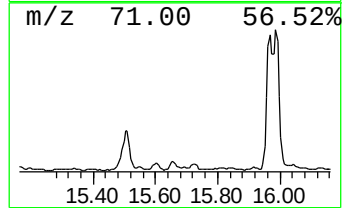
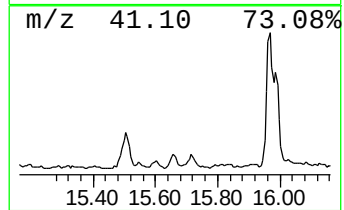
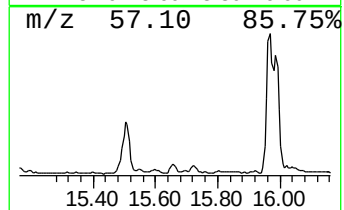
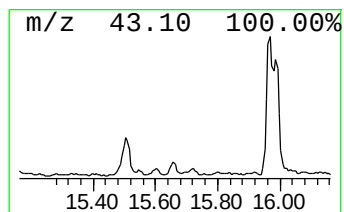
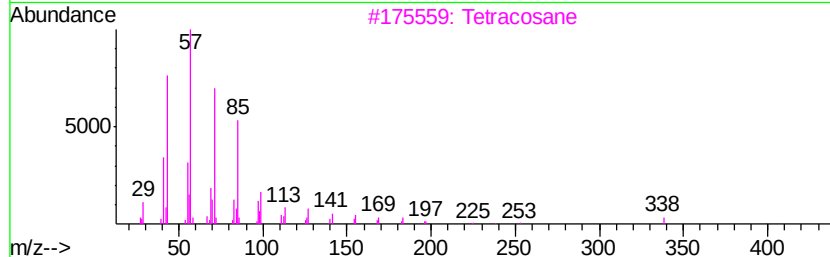
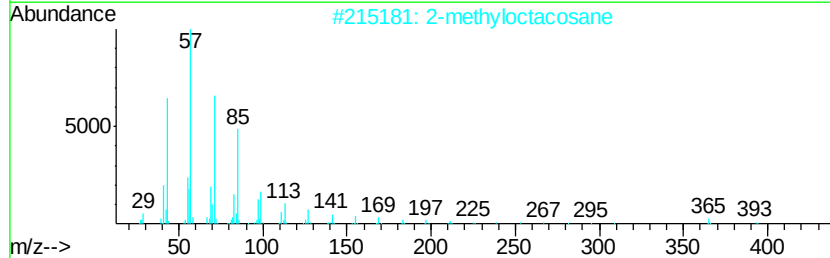
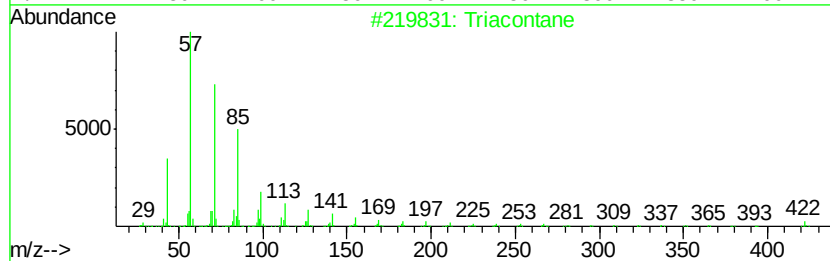
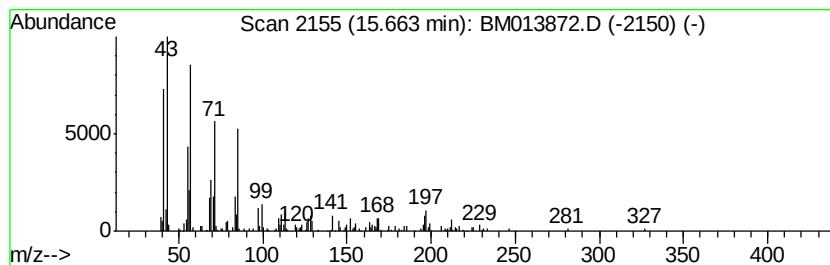
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.55 ng/ul	370882	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	83
2			2-methyloctacosane	408	C29H60	1000376-72-8	83
3			Tetracosane	338	C24H50	000646-31-1	83
4			Hexacosane	366	C26H54	000630-01-3	80
5			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	80



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
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Sample : J1222-13DL 10X
Misc :
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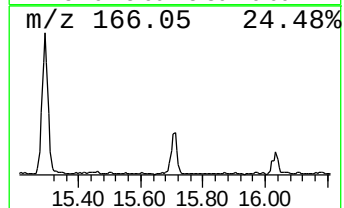
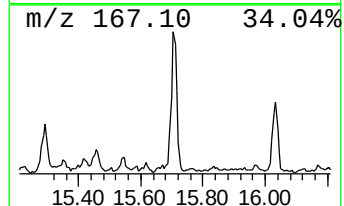
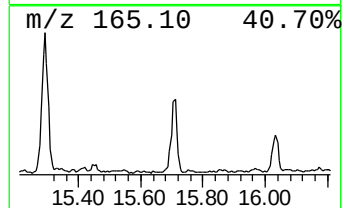
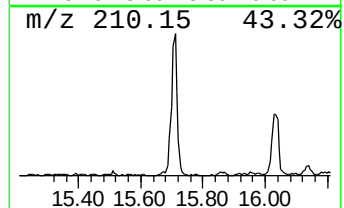
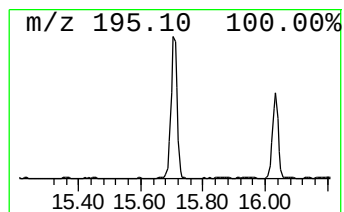
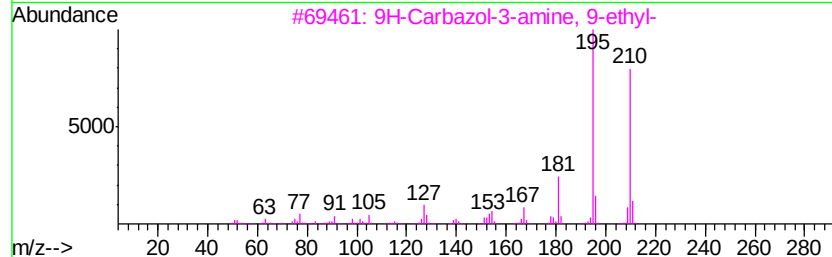
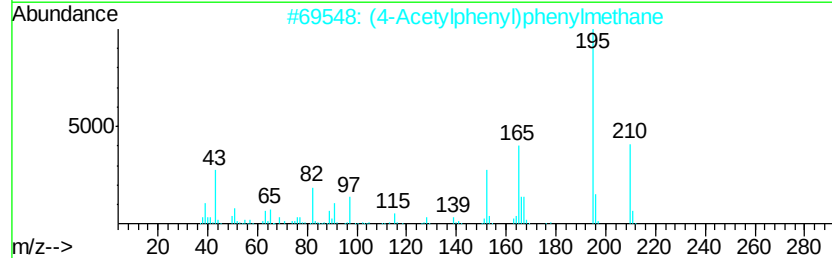
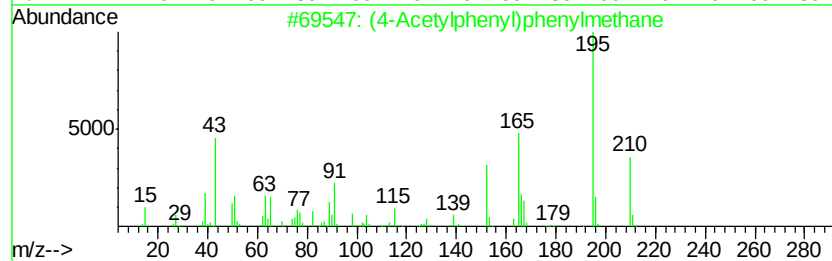
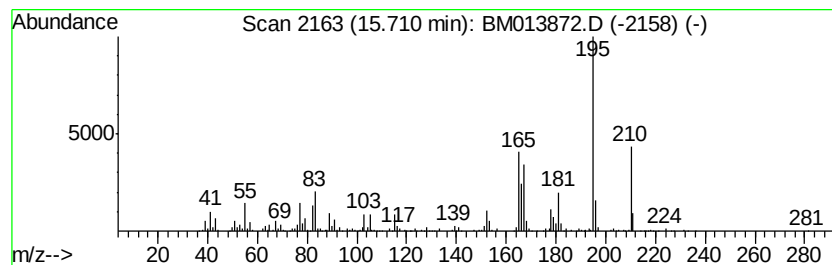
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (4-Acetylphenyl)phenylmethane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.71	13.52 ng/ul	1413190	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47
5	Ethanone, 1-(3,4,5-trimethoxyph...	210	C11H14O4	001136-86-3	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
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Misc :
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ClientSampleId :
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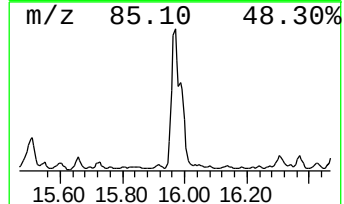
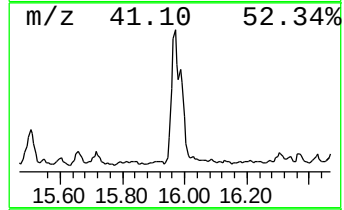
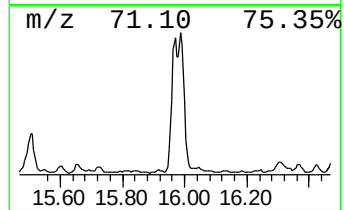
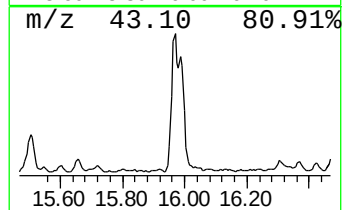
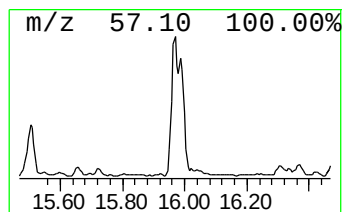
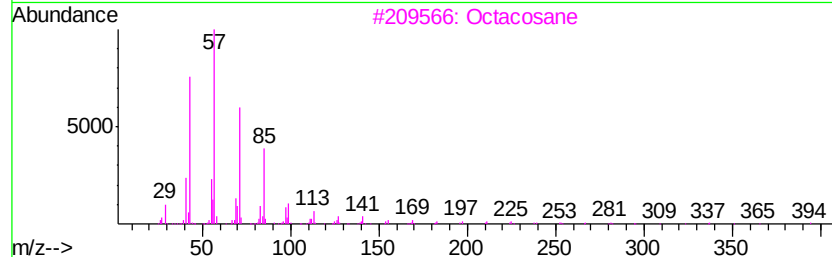
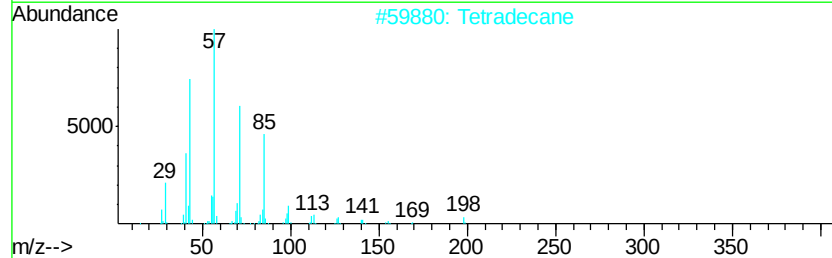
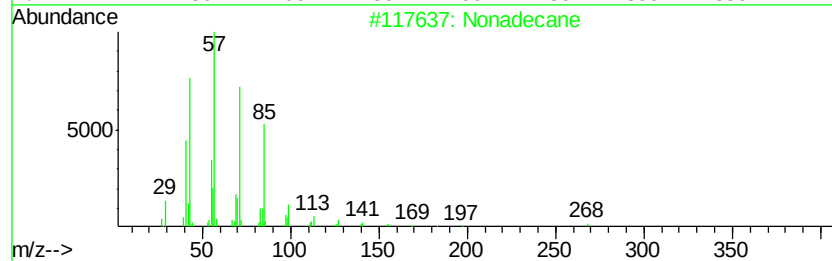
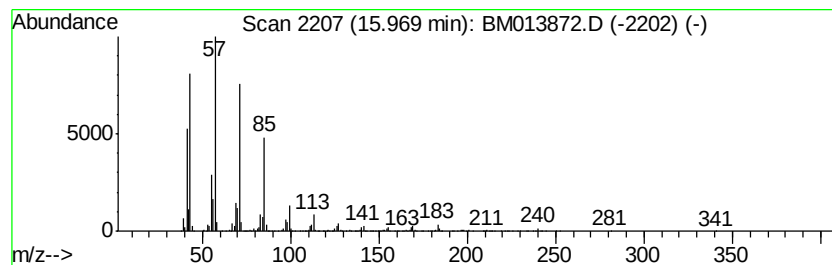
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	38.10 ng/ul	3982400	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId :
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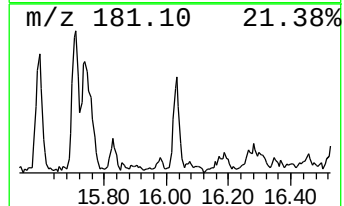
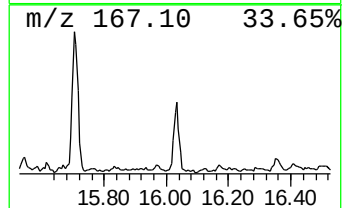
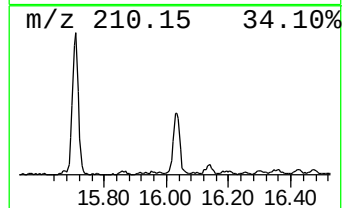
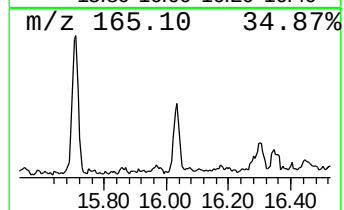
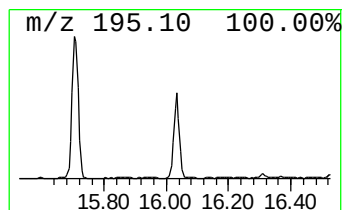
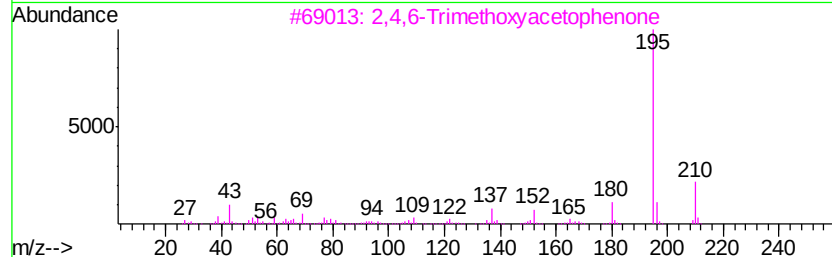
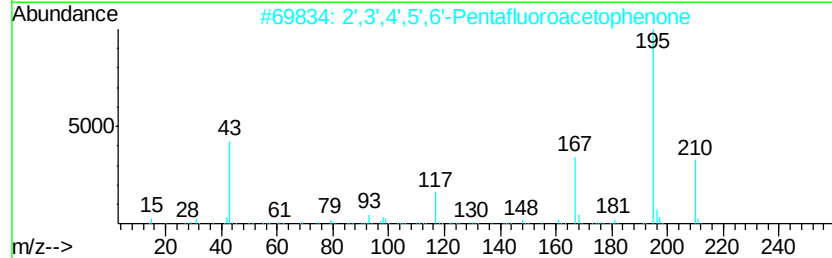
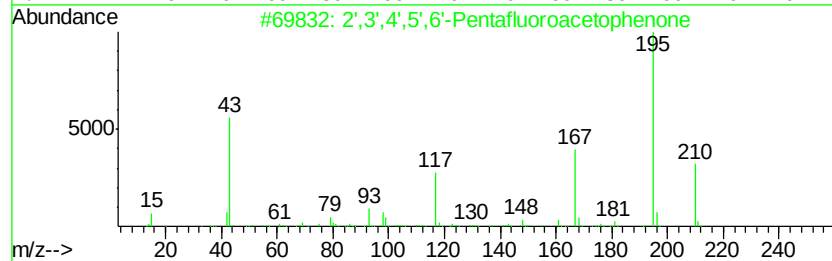
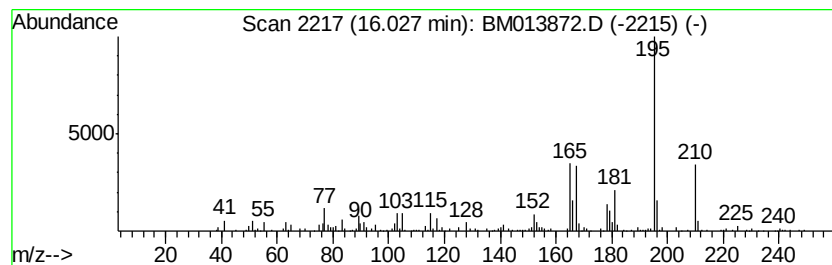
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2',3',4',5',6'-Pentafluoroa... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.15 ng/ul	538047	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	52
2			2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47
3			2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	46
4			5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	43
5			4-Cyano-4'-hydroxybiphenyl	195	C13H9NO	019812-93-2	43



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Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampled :
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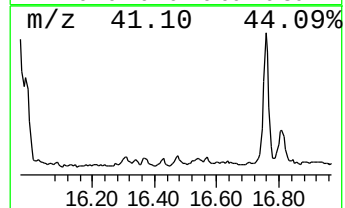
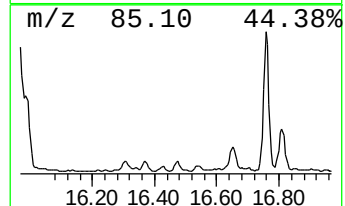
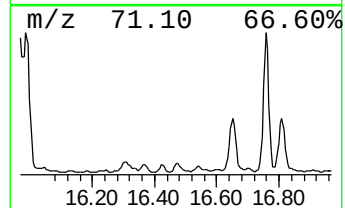
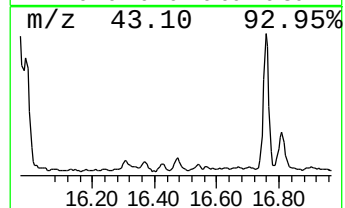
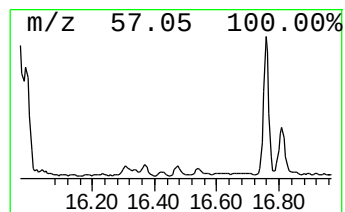
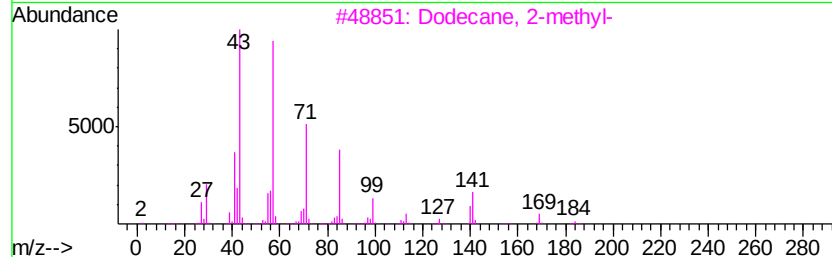
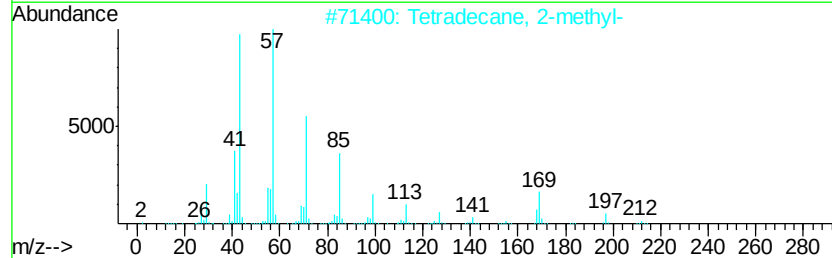
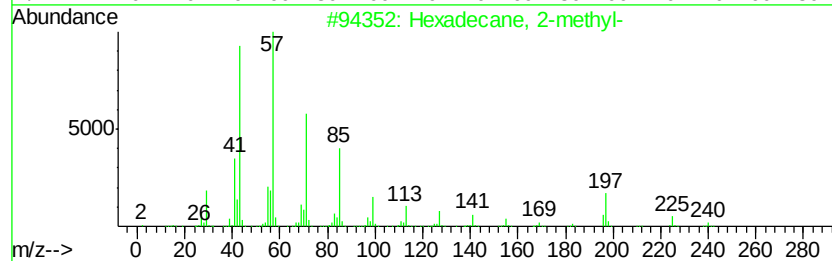
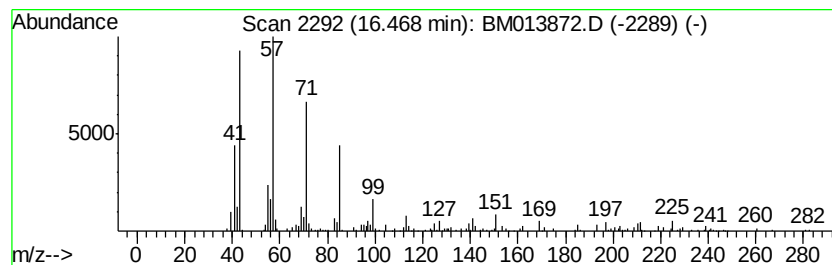
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.52 ng/ul	263446	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	90
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	80
5			Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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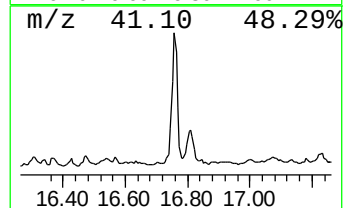
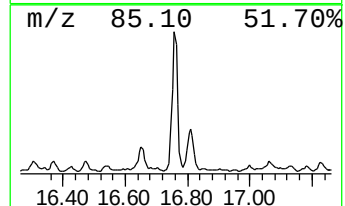
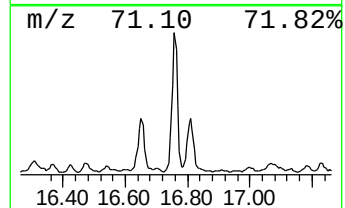
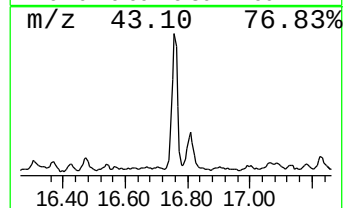
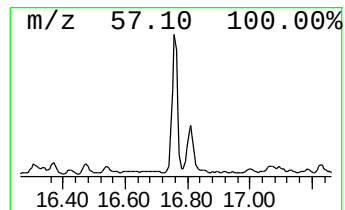
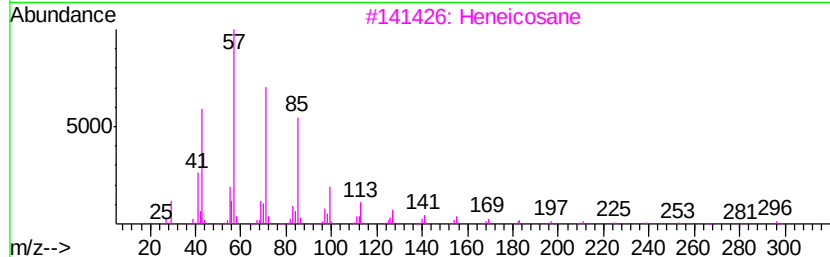
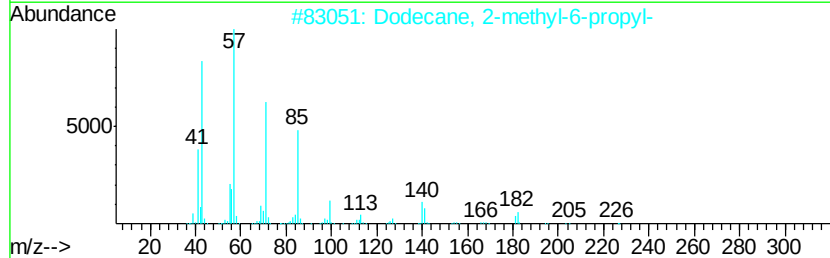
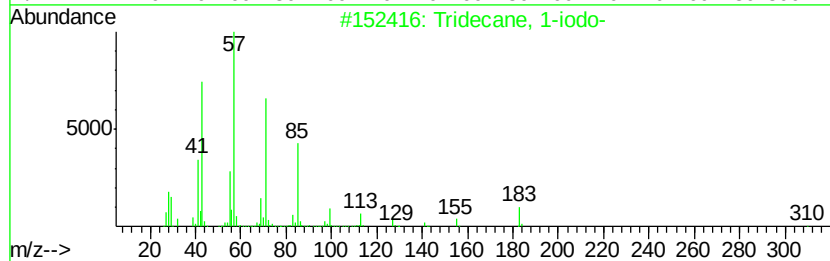
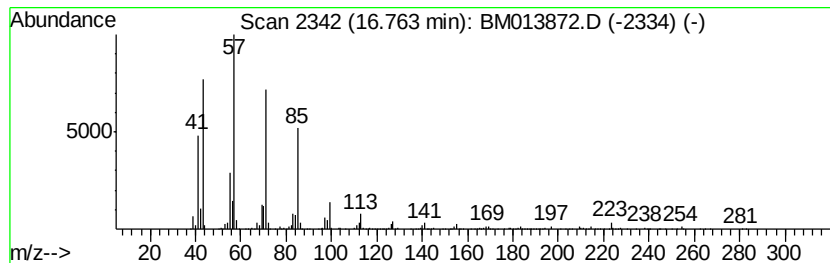
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	35.35 ng/ul	3694960	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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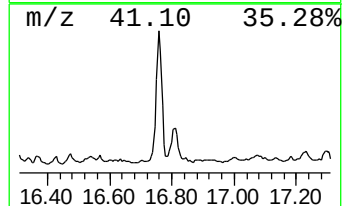
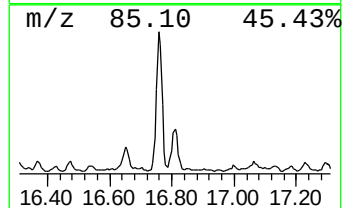
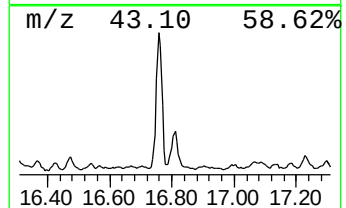
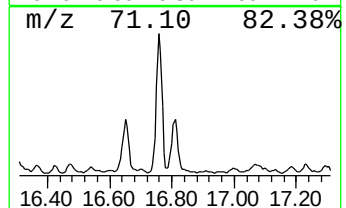
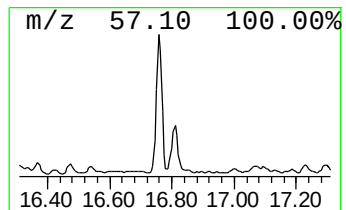
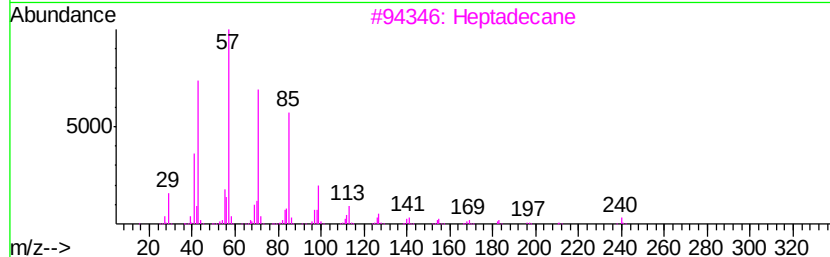
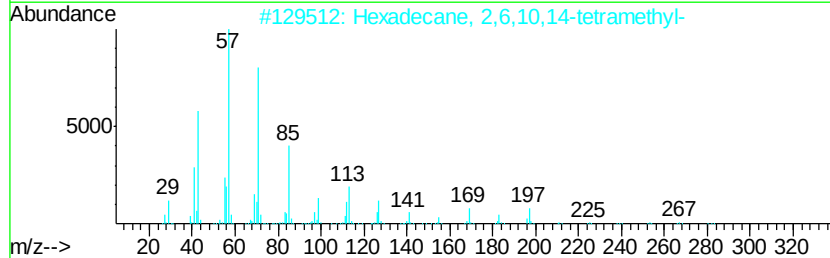
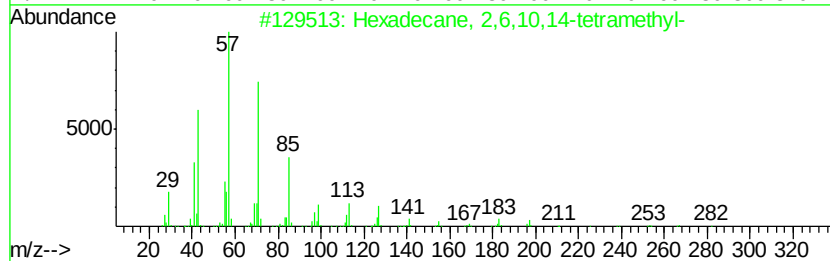
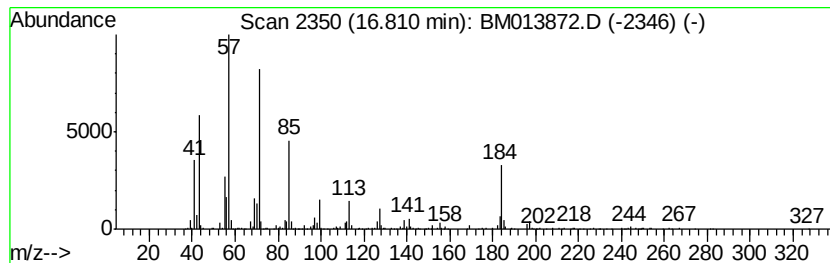
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	15.34 ng/ul	1603600	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	83
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

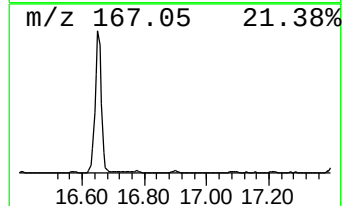
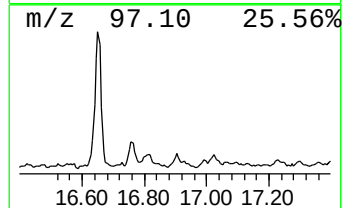
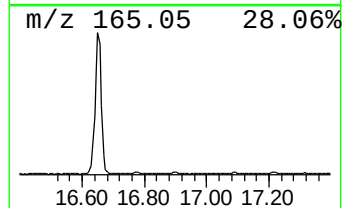
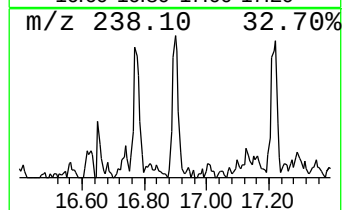
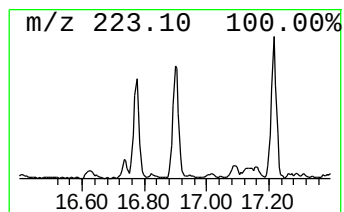
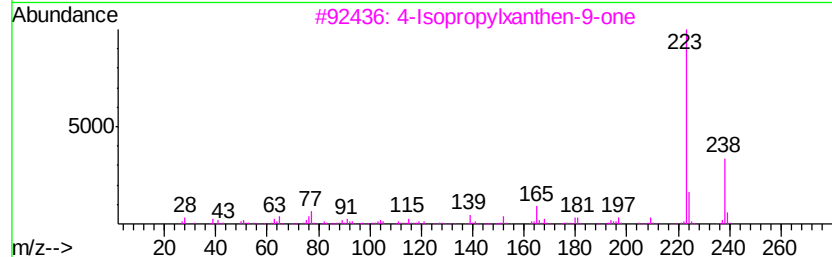
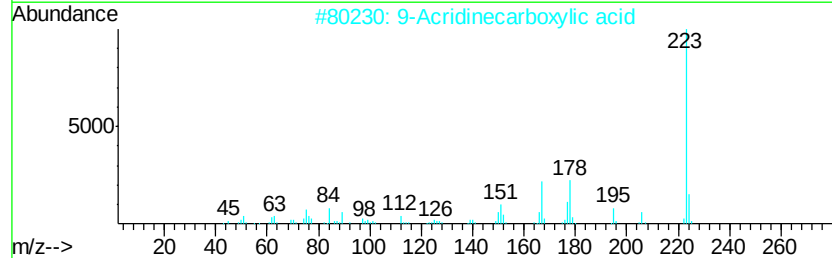
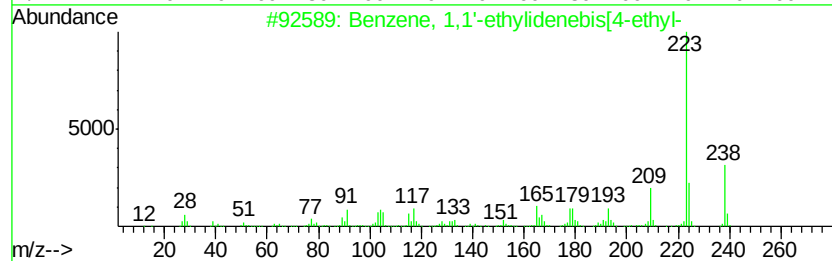
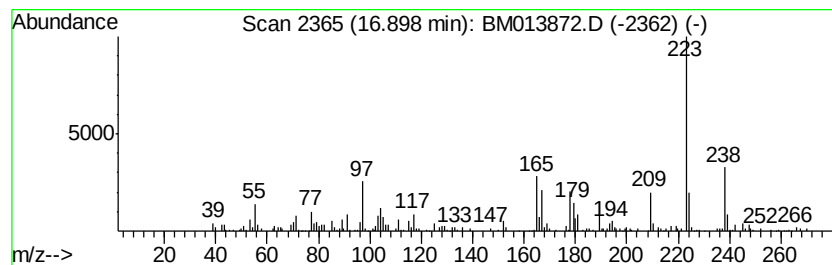
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,1'-ethylidenebis... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.90	2.69 ng/ul	281148	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	86
2			9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	60
3			4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	55
4			Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	49
5			9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	49



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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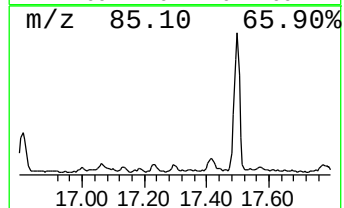
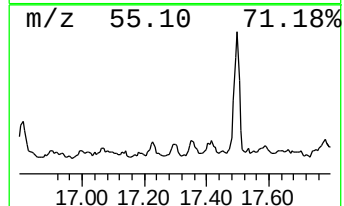
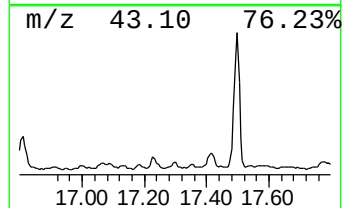
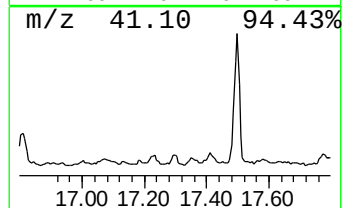
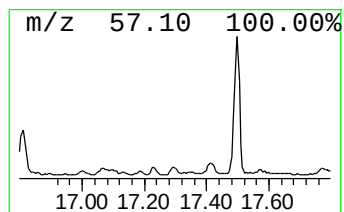
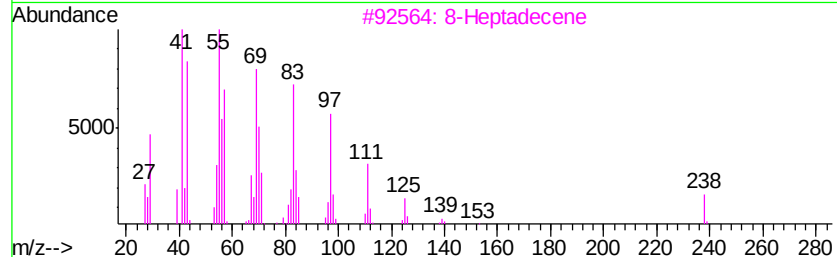
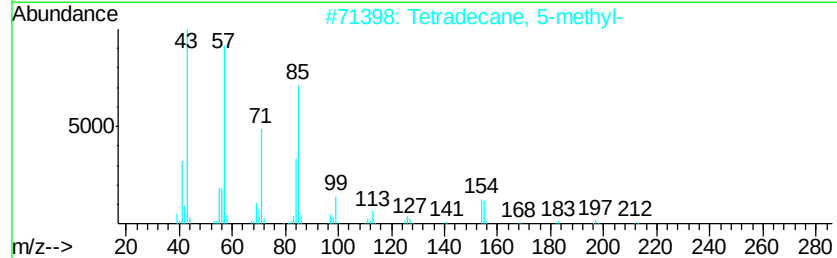
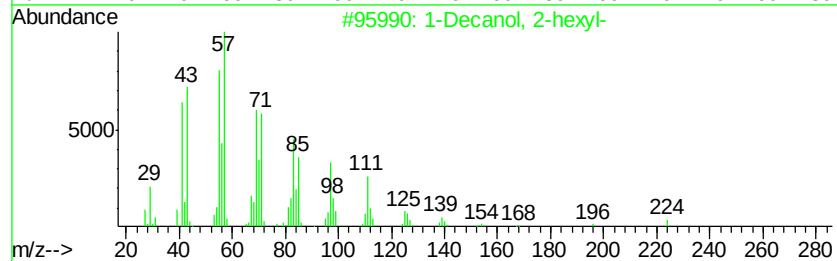
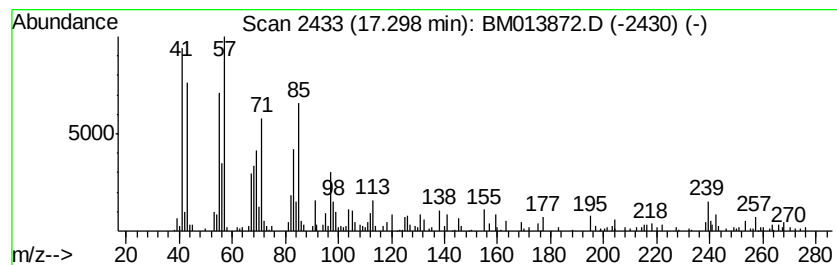
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1-Decanol, 2-hexyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.22 ng/ul	337064	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
2			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	45
3			8-Heptadecene	238	C17H34	002579-04-6	42
4			Nonadecane	268	C19H40	000629-92-5	38
5			Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	30



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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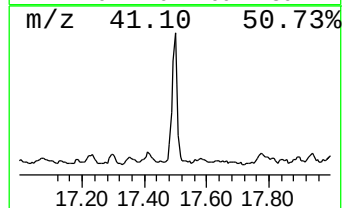
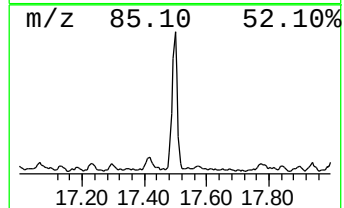
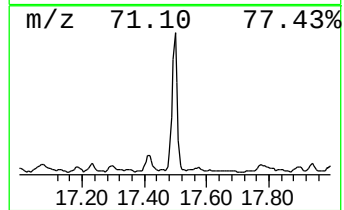
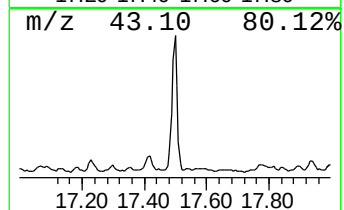
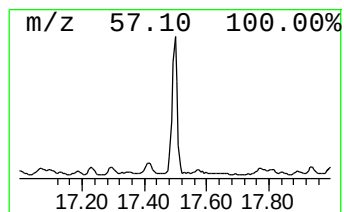
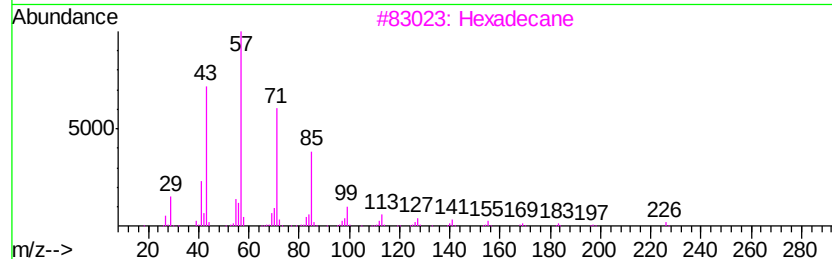
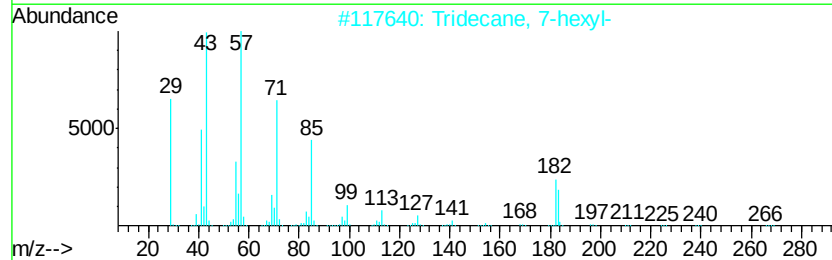
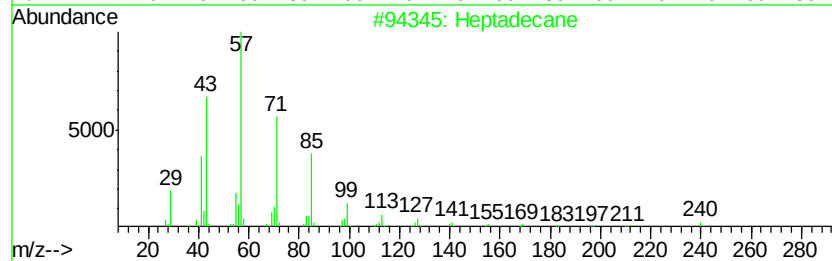
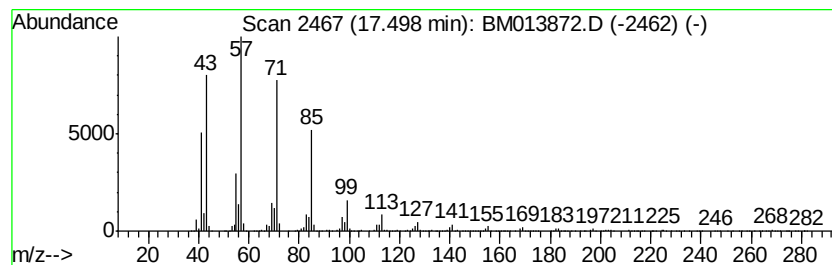
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	33.66 ng/ul	3518050	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
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Misc :
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Instrument :
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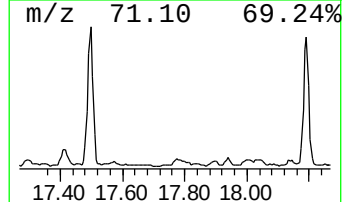
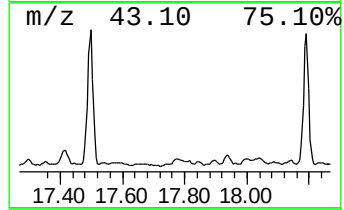
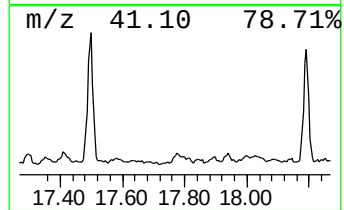
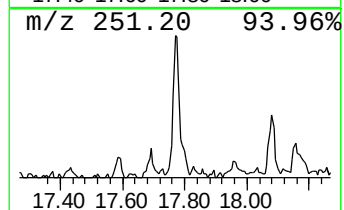
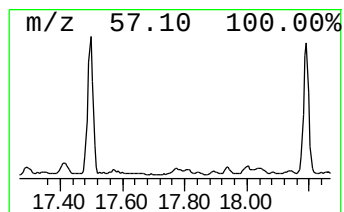
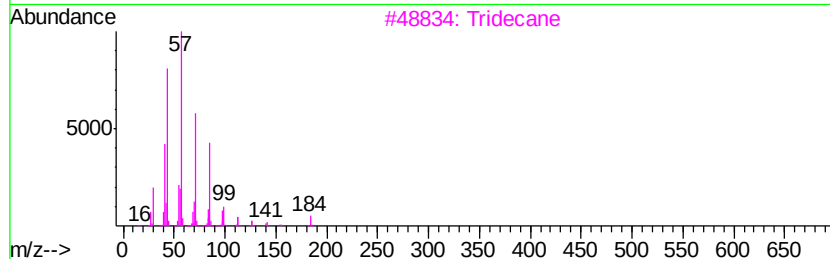
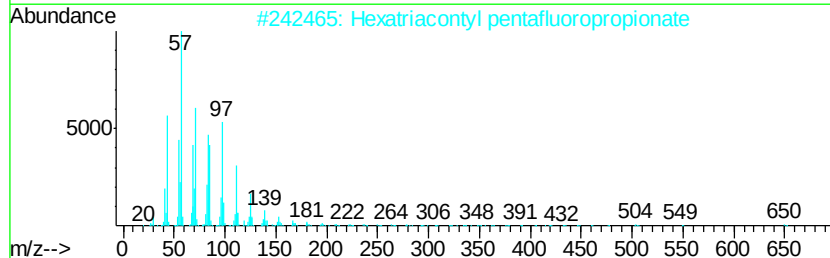
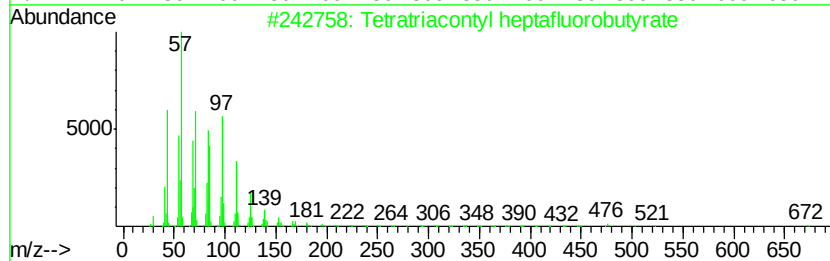
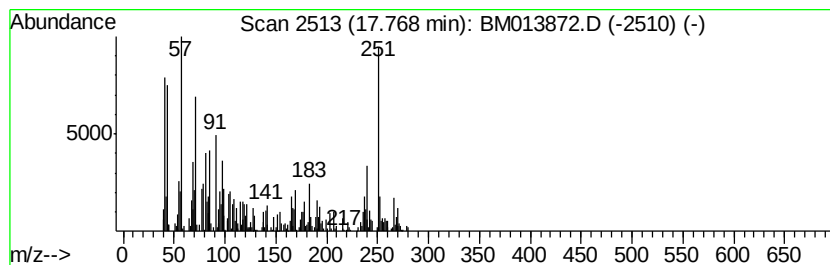
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	7.23 ng/ul	755595	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	38
2		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	38
3		Tridecane	184	C13H28	000629-50-5	30
4		Tridecane	184	C13H28	000629-50-5	25
5		1-Heptadecanamine	255	C17H37N	004200-95-7	25



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A95DL

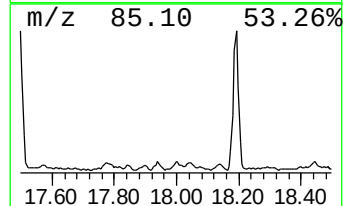
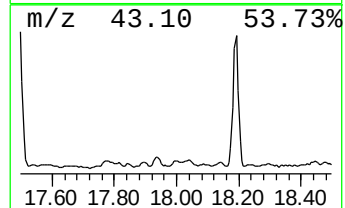
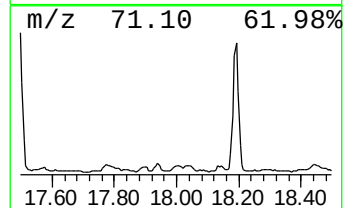
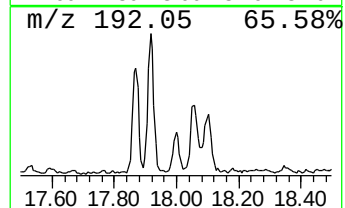
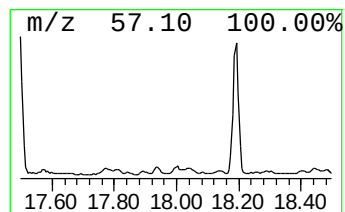
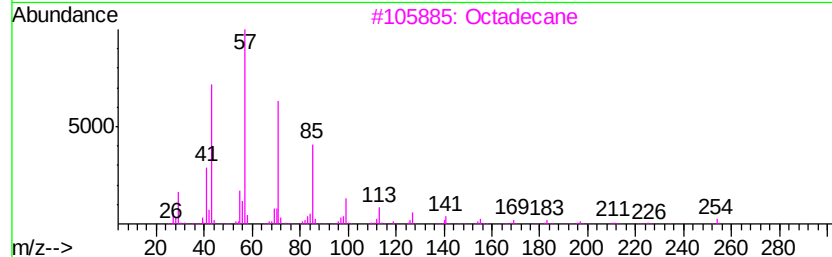
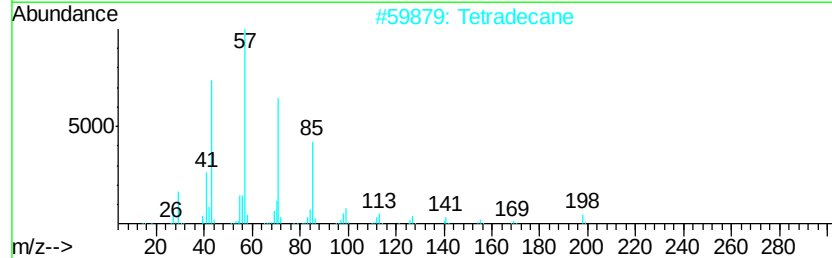
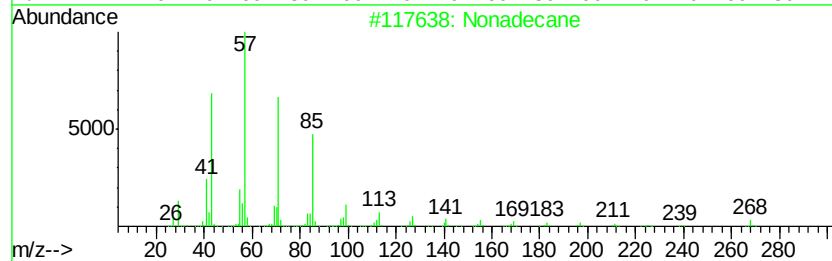
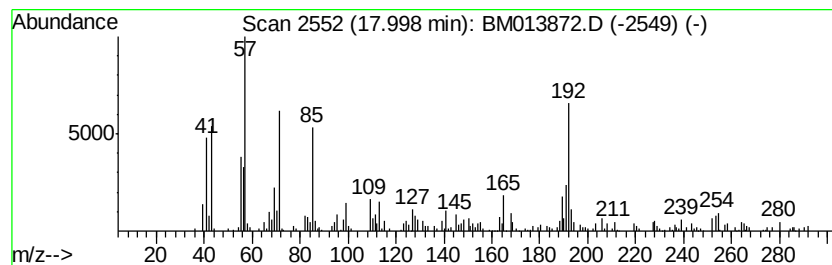
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.06 ng/ul	319426	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	46
2			Tetradecane	198	C14H30	000629-59-4	46
3			Octadecane	254	C18H38	000593-45-3	43
4			Octadecane	254	C18H38	000593-45-3	43
5			Tetracosane	338	C24H50	000646-31-1	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
 Data File : BM013872.D
 Acq On : 27 Jan 2018 07:57
 Operator : SJ/JU
 Sample : J1222-13DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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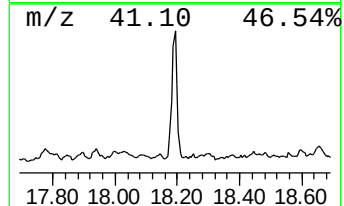
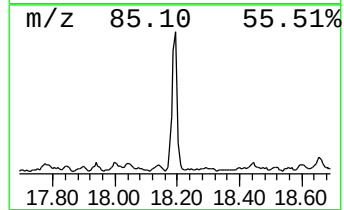
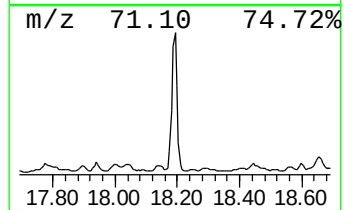
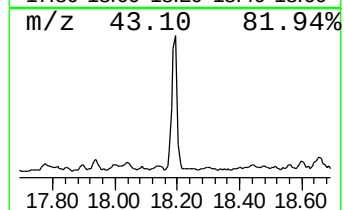
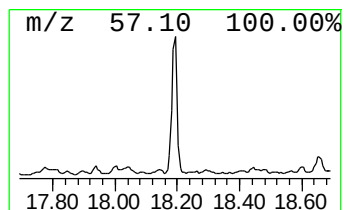
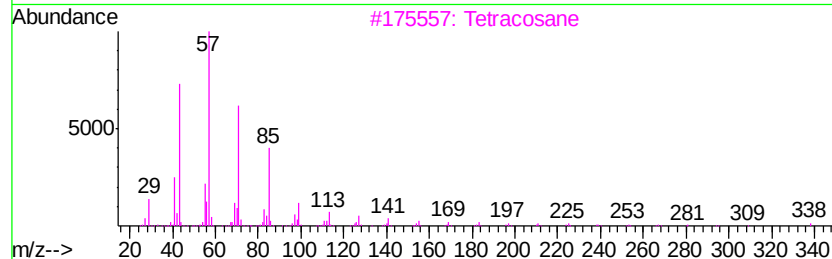
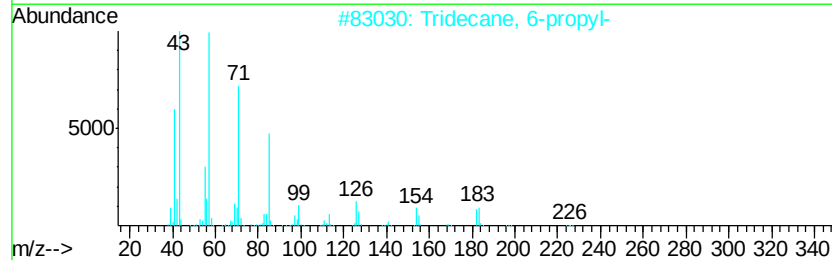
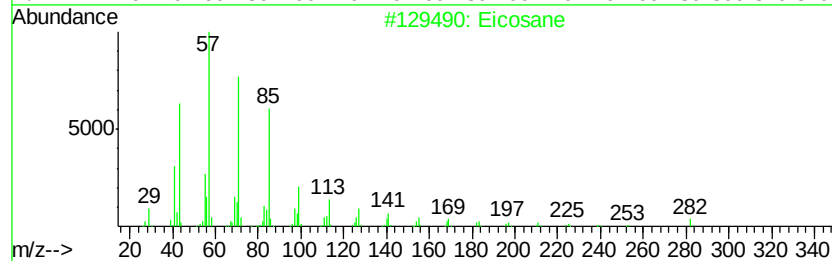
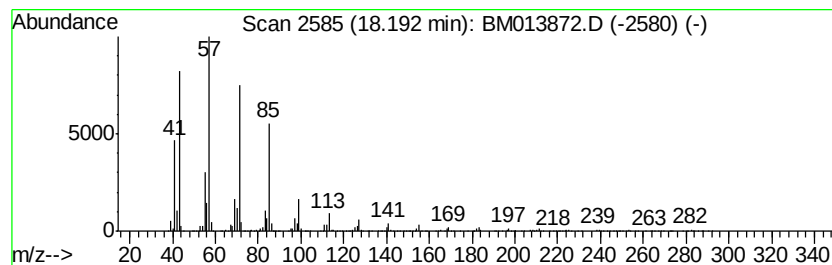
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	33.13 ng/ul	3463470	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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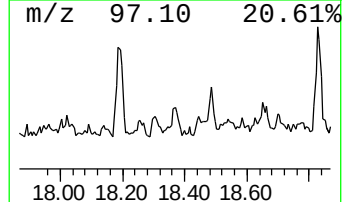
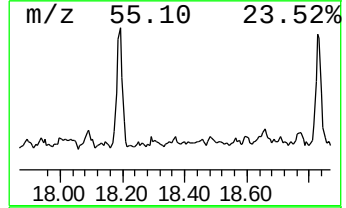
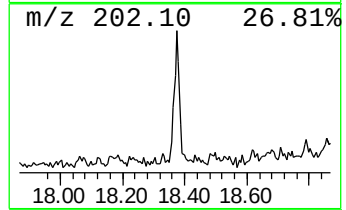
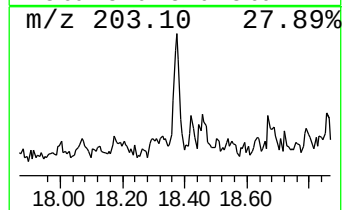
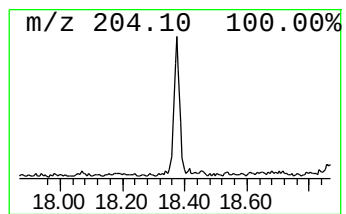
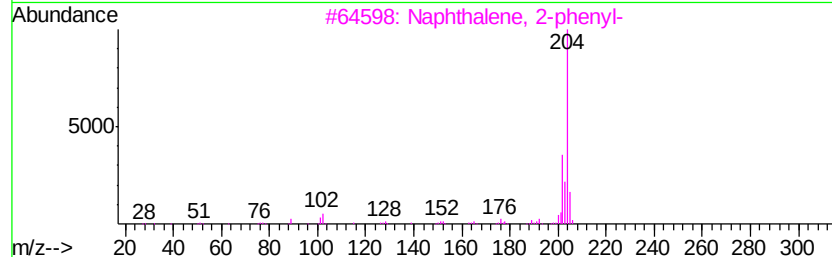
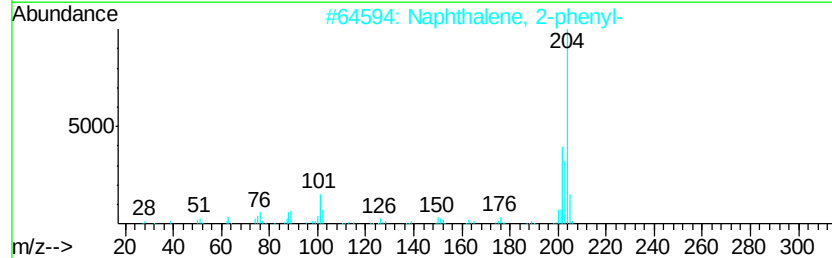
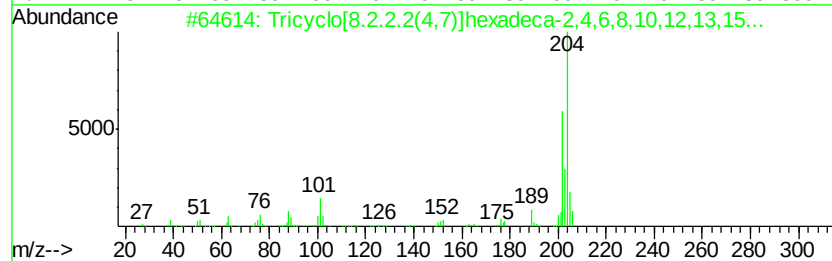
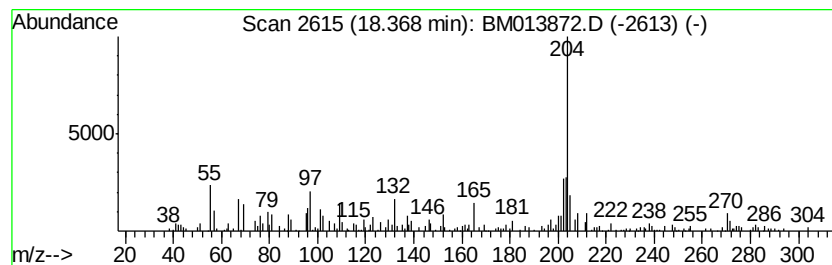
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.78 ng/ul	290875	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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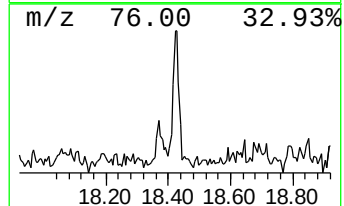
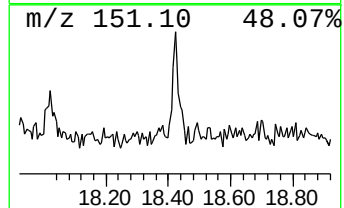
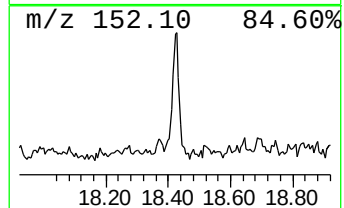
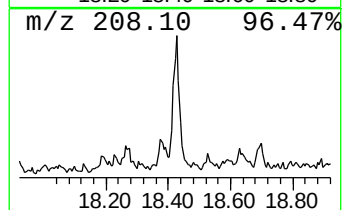
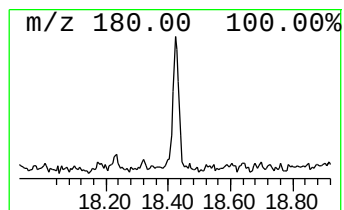
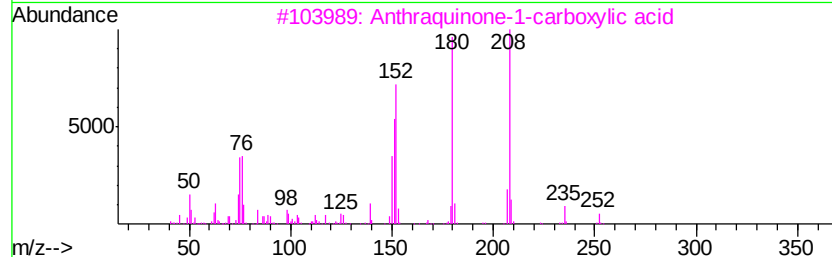
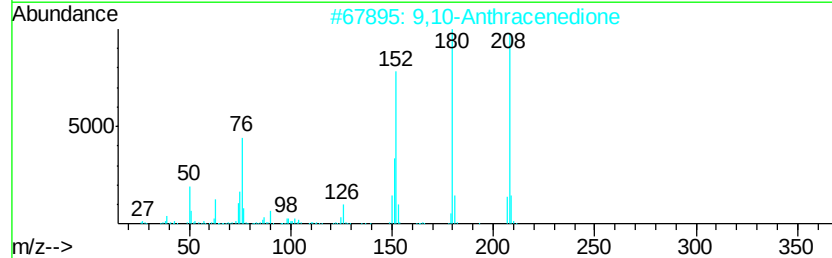
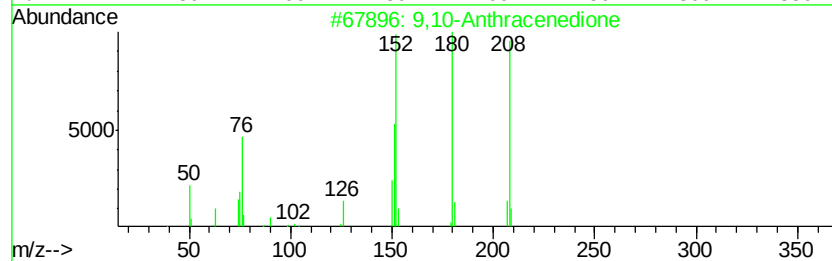
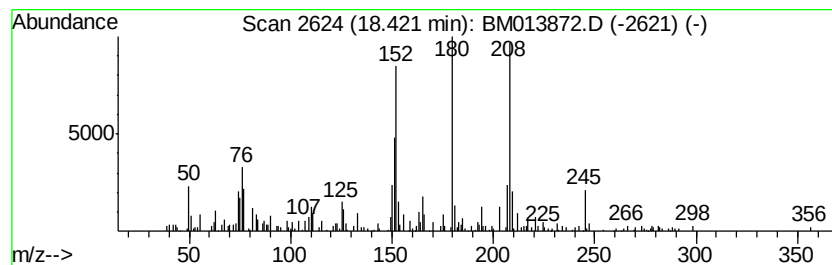
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 9,10-Anthracenedione Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.80 ng/ul	397334	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3			Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	72
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5			9,10-Anthracenedione	208	C14H8O2	000084-65-1	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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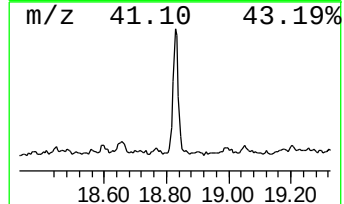
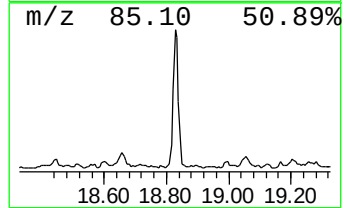
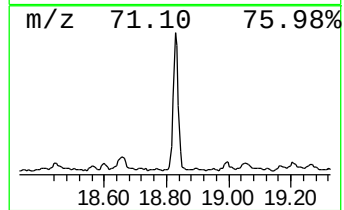
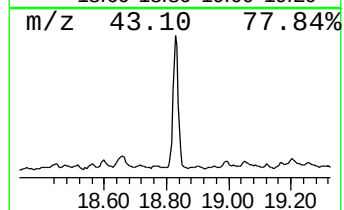
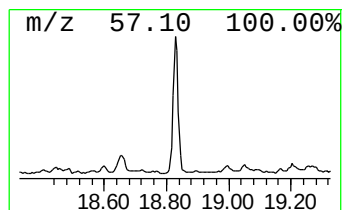
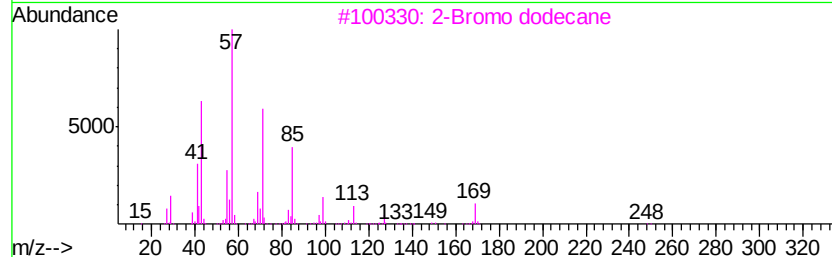
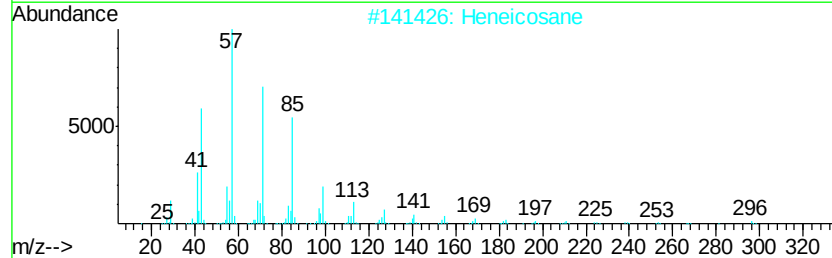
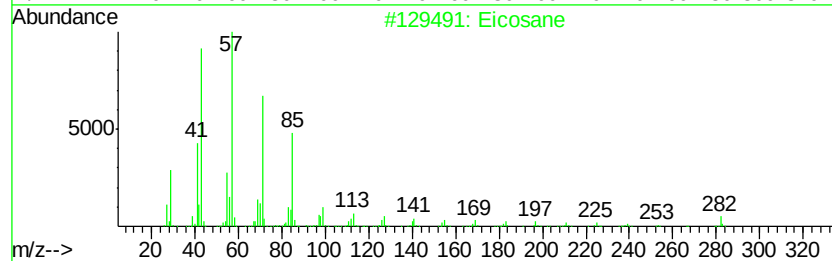
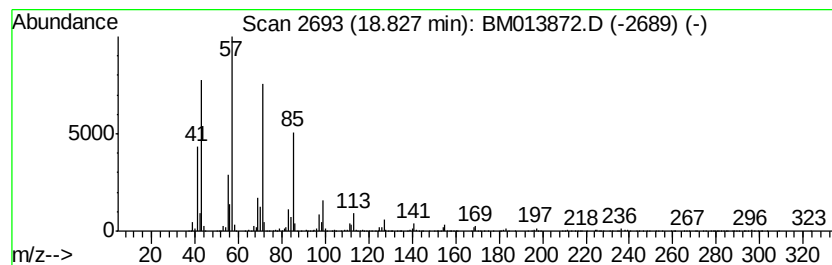
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	30.99 ng/ul	3239060	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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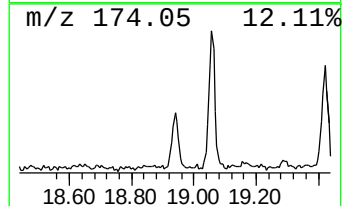
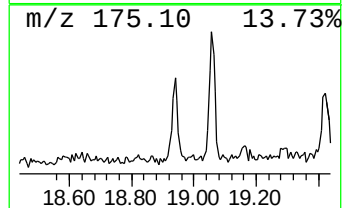
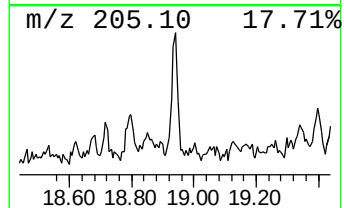
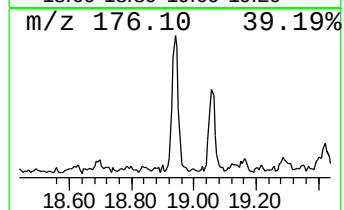
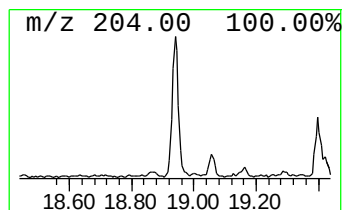
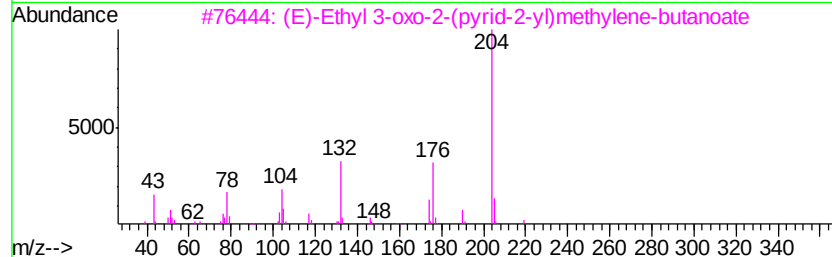
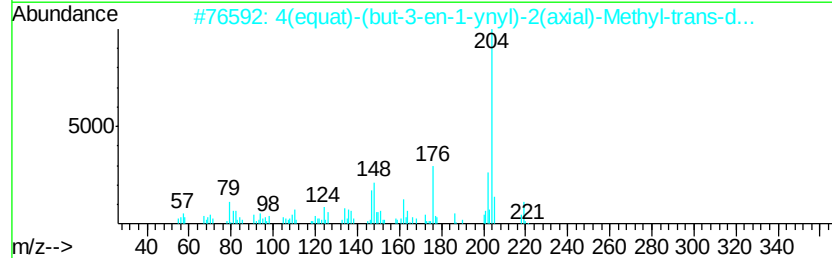
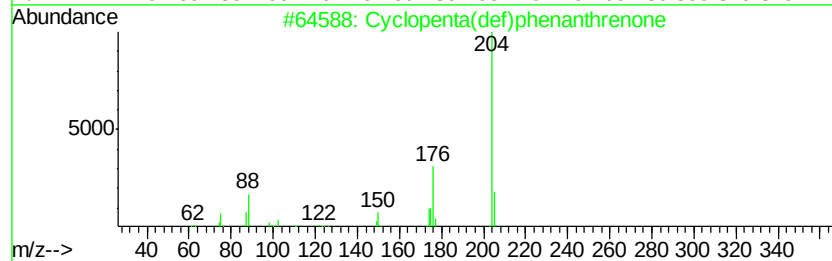
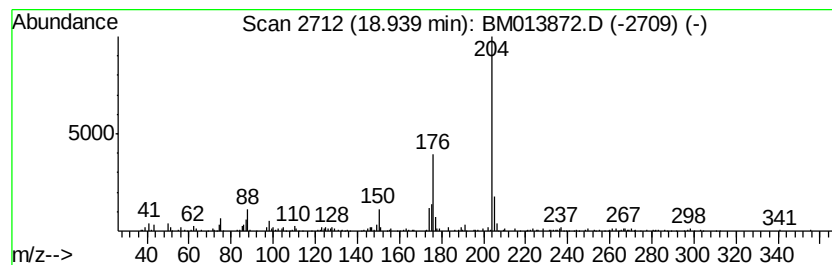
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Cyclopenta(def)phenanthrenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	4.09 ng/ul	427113	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
3		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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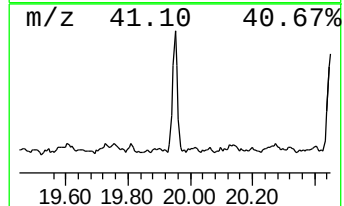
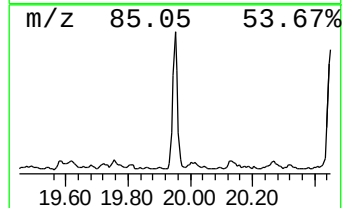
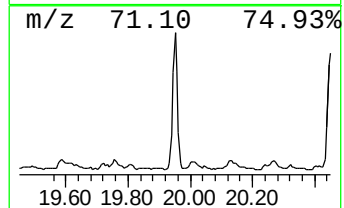
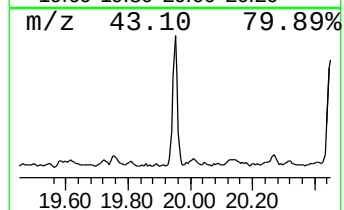
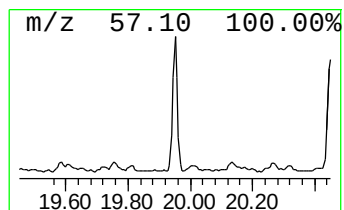
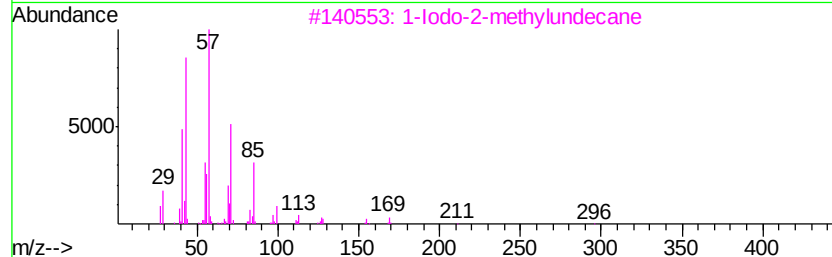
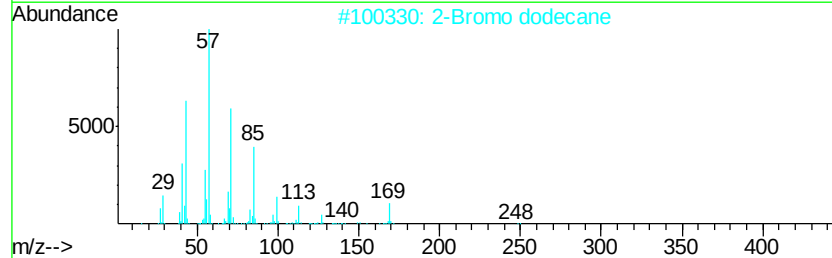
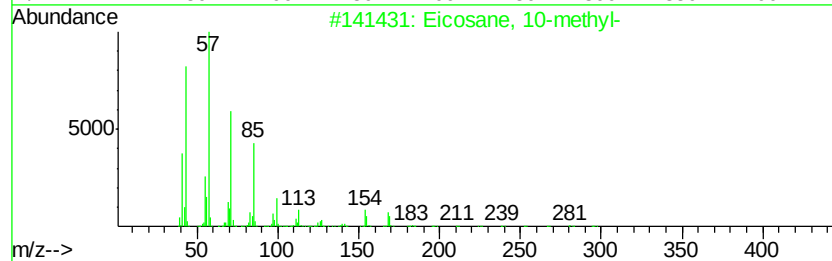
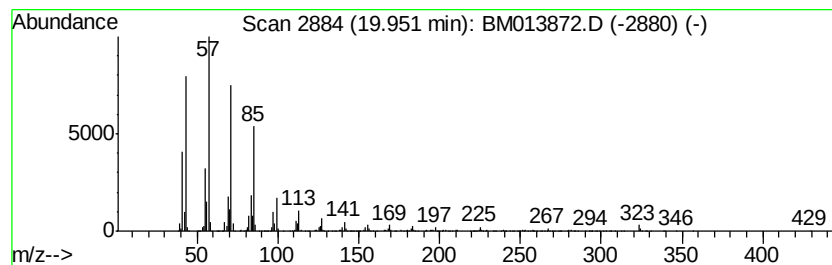
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	20.49 ng/ul	2834880	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A95DL

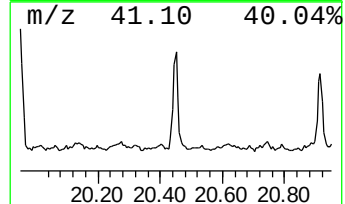
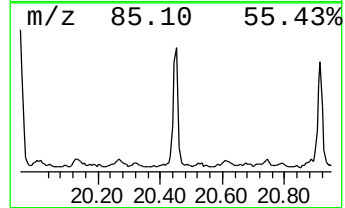
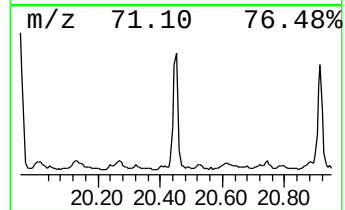
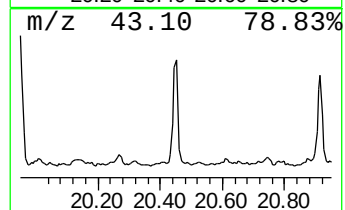
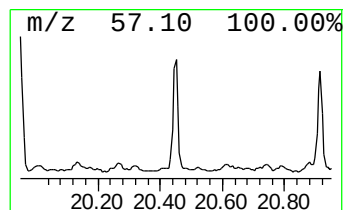
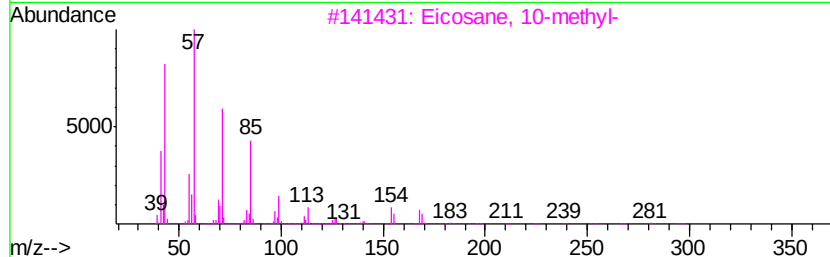
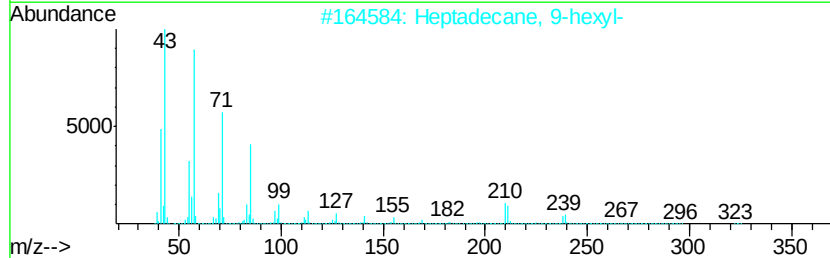
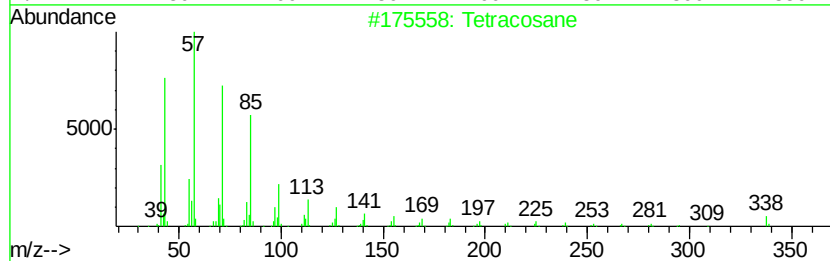
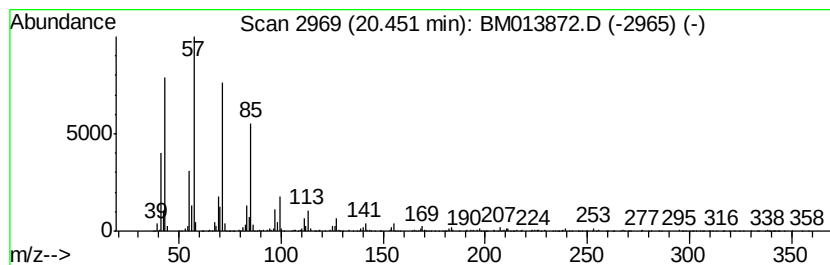
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	16.20 ng/ul	2241100	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A95DL

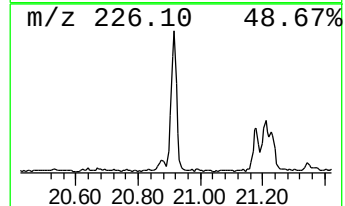
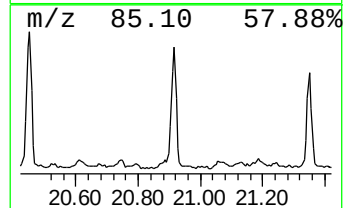
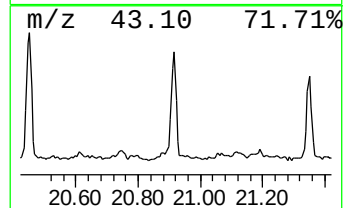
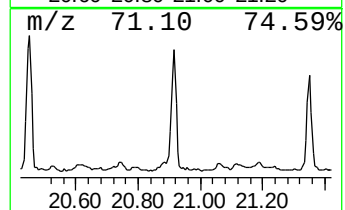
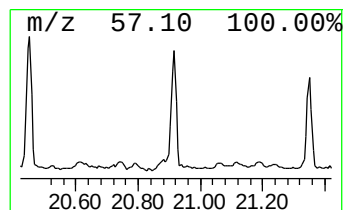
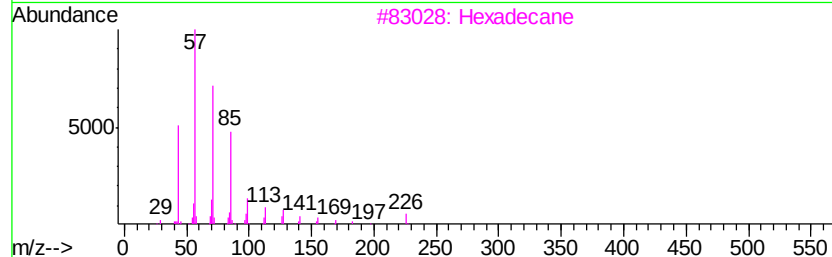
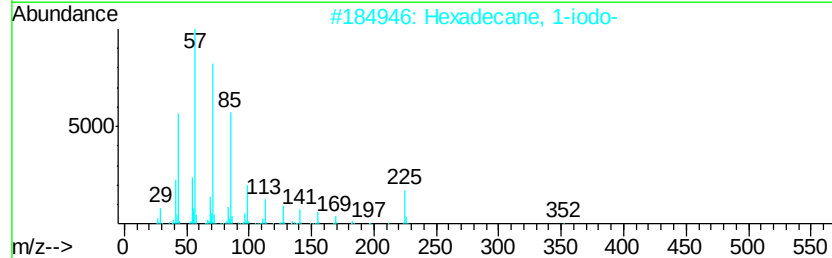
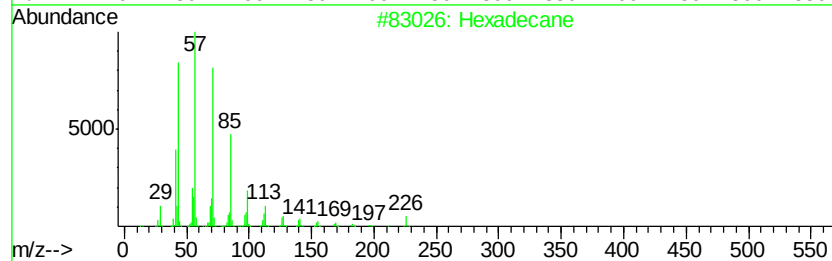
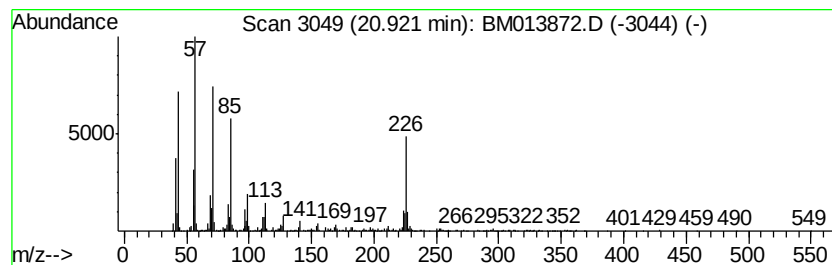
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	16.15 ng/ul	2234720	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heneicosane	296	C21H44	000629-94-7	76
5		Heptacosane	380	C27H56	000593-49-7	70



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A95DL

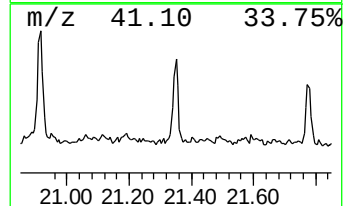
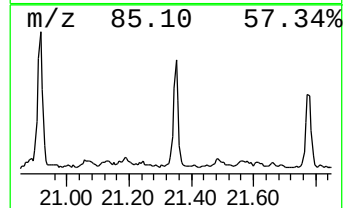
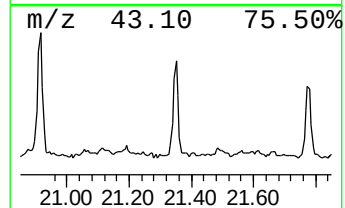
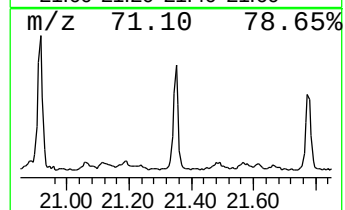
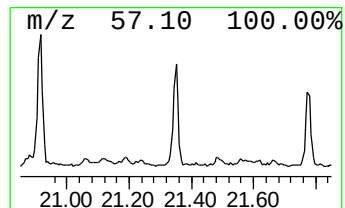
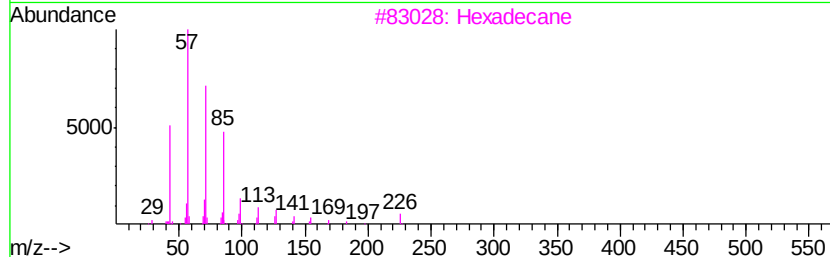
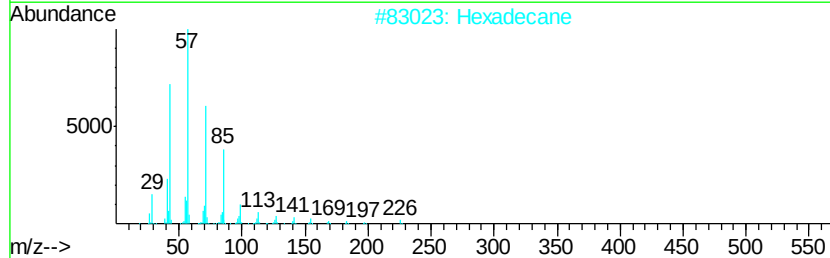
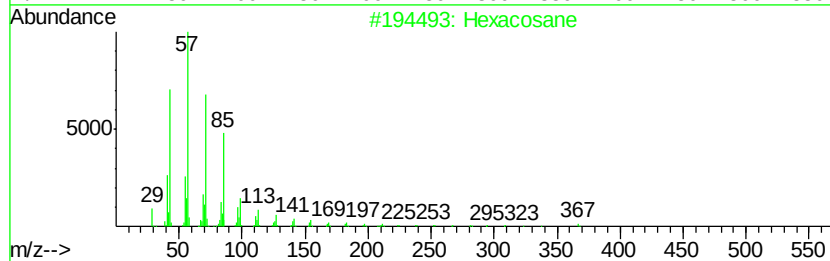
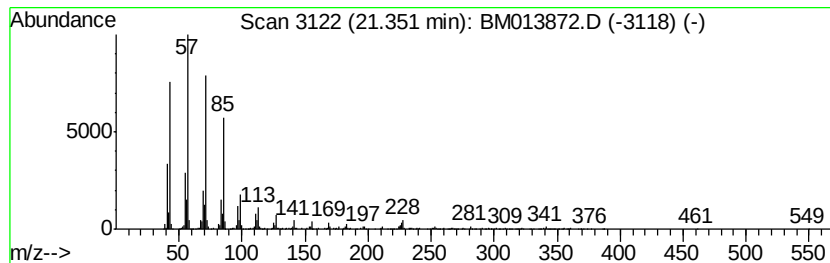
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	10.55 ng/ul	1460230	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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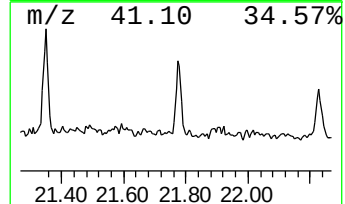
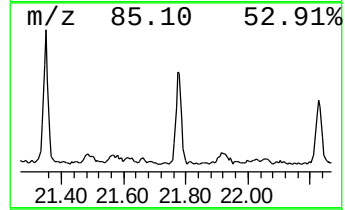
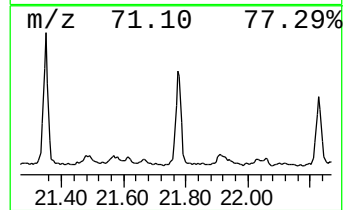
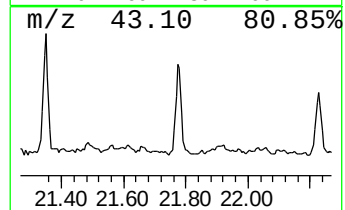
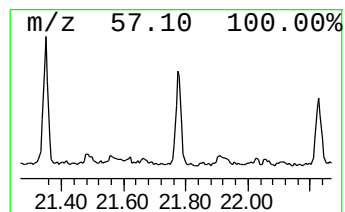
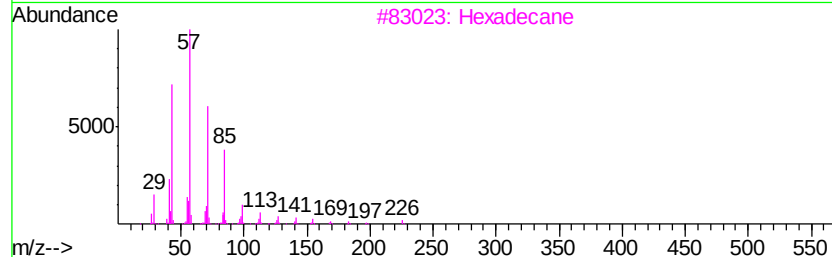
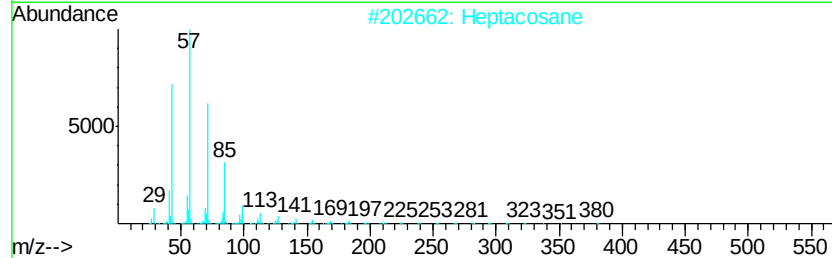
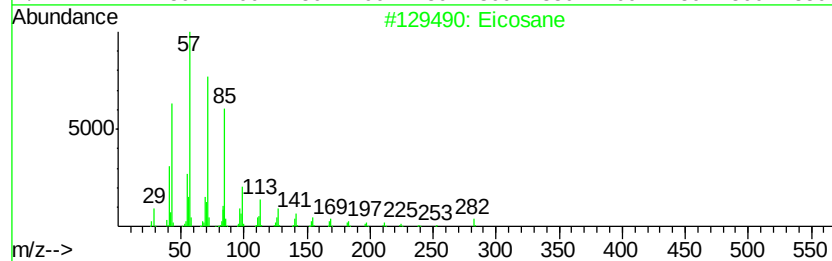
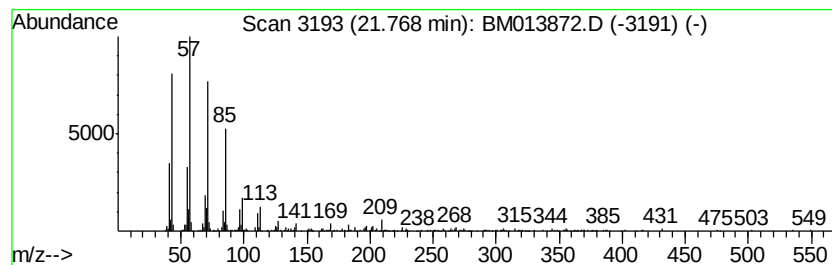
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	10.33 ng/ul	1429630	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptacosane	380	C27H56	000593-49-7	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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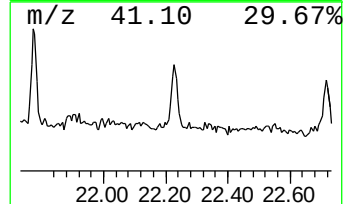
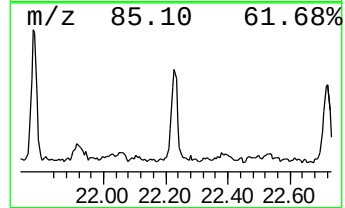
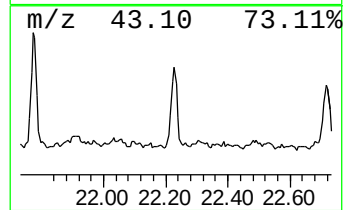
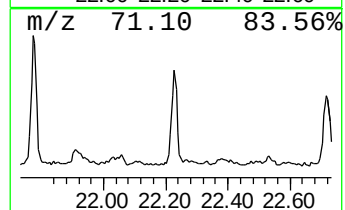
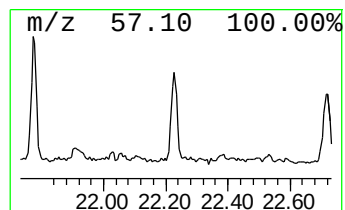
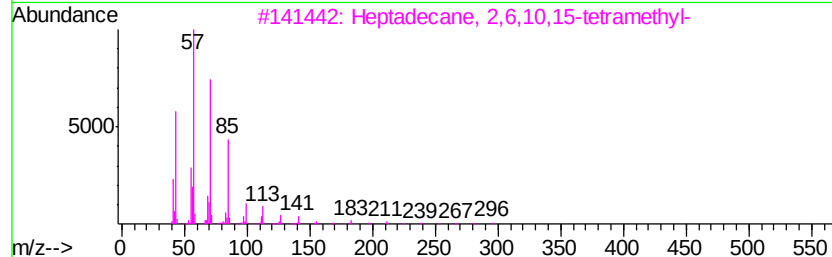
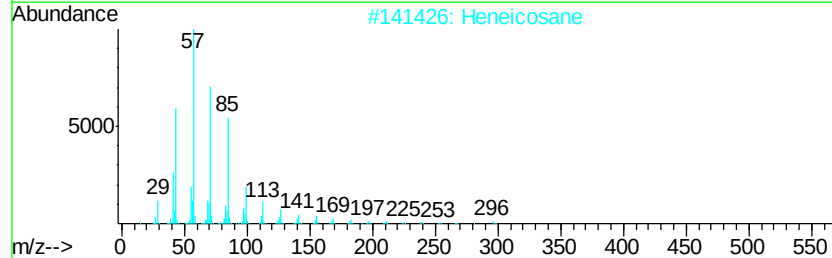
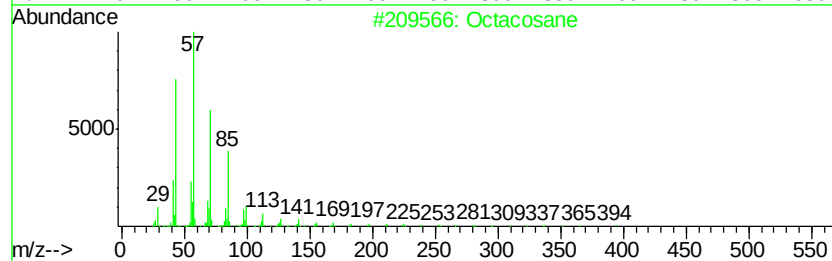
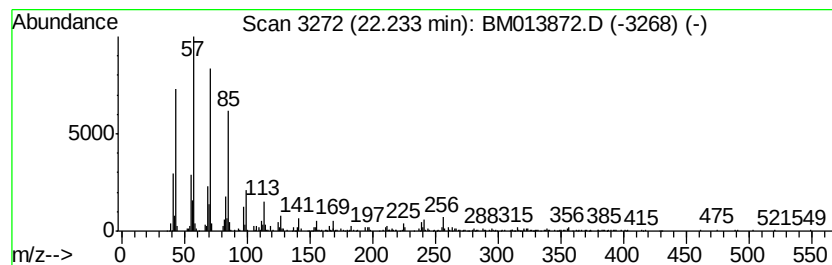
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	6.38 ng/ul	882635	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	95
2			Heneicosane	296	C21H44	000629-94-7	94
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4			Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93



Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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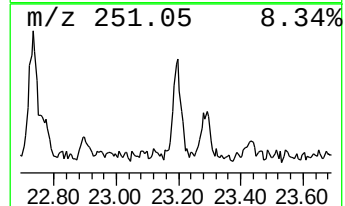
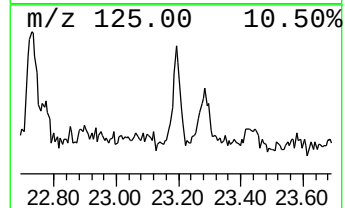
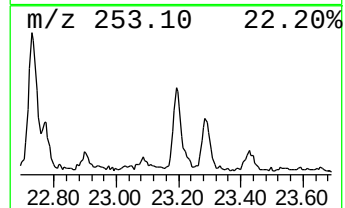
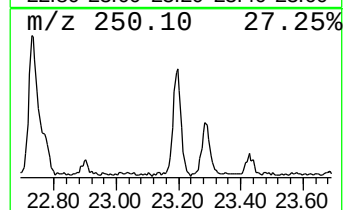
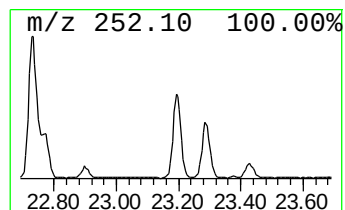
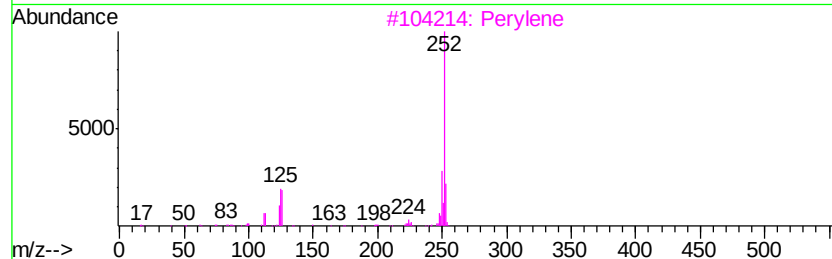
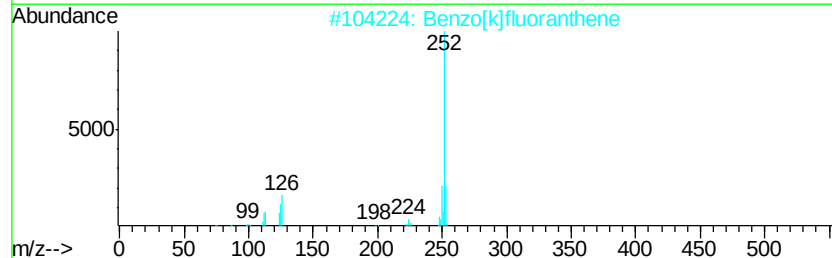
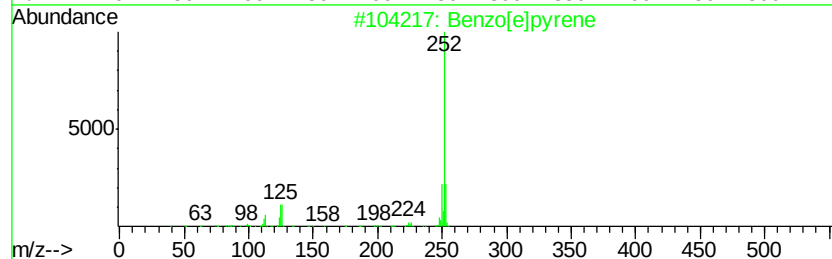
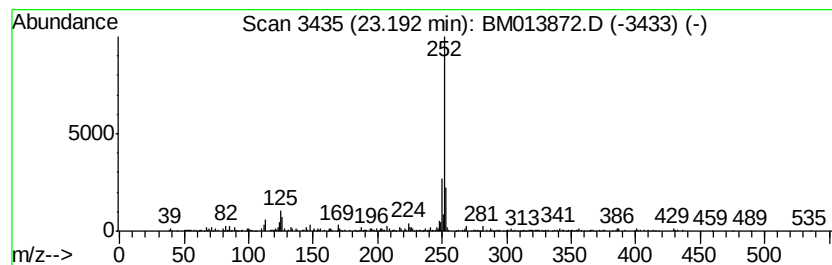
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzo[e]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	5.88 ng/ul	502176	Perylene-d12	23.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Perylene	252	C20H12	000198-55-0	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_M\Data\BM012618\
 Data File : BM013872.D
 Acq On : 27 Jan 2018 07:57
 Operator : SJ/JU
 Sample : J1222-13DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A95DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, d...	11.38	4.9	ng/ul	406524	2	10.36	1672580	20.0
(DEL) Alkane: Str...	11.79	10.7	ng/ul	891113	2	10.36	1672580	20.0
Naphthalene, 1-me...	12.26	2.7	ng/ul	226336	2	10.36	1672580	20.0
(DEL) Alkane: Str...	12.76	3.2	ng/ul	378758	3	14.23	2400000	20.0
(DEL) Alkane: Str...	13.06	12.0	ng/ul	1434720	3	14.23	2400000	20.0
(DEL) Alkane: Str...	13.72	7.6	ng/ul	910805	3	14.23	2400000	20.0
2-Bromotetradecane	13.76	2.8	ng/ul	336488	3	14.23	2400000	20.0
(DEL) Alkane: Str...	14.14	15.5	ng/ul	1857170	3	14.23	2400000	20.0
3,4-Dimethyl(1H)p...	14.38	3.3	ng/ul	389640	3	14.23	2400000	20.0
(DEL) Alkane: Str...	14.76	4.7	ng/ul	569316	3	14.23	2400000	20.0
Naphthalene, 2,3,...	15.00	2.8	ng/ul	331659	3	14.23	2400000	20.0
(DEL) Alkane: Str...	15.10	19.6	ng/ul	2347900	3	14.23	2400000	20.0
(DEL) Alkane: Str...	15.50	11.0	ng/ul	1321890	3	14.23	2400000	20.0
unknown-01	15.60	3.3	ng/ul	398560	3	14.23	2400000	20.0
(DEL) Alkane: Str...	15.66	3.5	ng/ul	370882	4	16.99	2090600	20.0
(4-Acetylphenyl)p...	15.71	13.5	ng/ul	1413190	4	16.99	2090600	20.0
(DEL) Alkane: Str...	15.97	38.1	ng/ul	3982400	4	16.99	2090600	20.0
2',3',4',5',6'-Pe...	16.03	5.2	ng/ul	538047	4	16.99	2090600	20.0
(DEL) Alkane: Str...	16.47	2.5	ng/ul	263446	4	16.99	2090600	20.0
Tridecane, 1-iodo-	16.76	35.4	ng/ul	3694960	4	16.99	2090600	20.0
(DEL) Alkane: Str...	16.81	15.3	ng/ul	1603600	4	16.99	2090600	20.0
Benzene, 1,1'-eth...	16.90	2.7	ng/ul	281148	4	16.99	2090600	20.0
1-Decanol, 2-hexyl-	17.30	3.2	ng/ul	337064	4	16.99	2090600	20.0
(DEL) Alkane: Str...	17.50	33.7	ng/ul	3518050	4	16.99	2090600	20.0
unknown-02	17.77	7.2	ng/ul	755595	4	16.99	2090600	20.0
(DEL) Alkane: Str...	18.00	3.1	ng/ul	319426	4	16.99	2090600	20.0
(DEL) Alkane: Str...	18.19	33.1	ng/ul	3463470	4	16.99	2090600	20.0
Tricyclo[8.2.2.2(...	18.37	2.8	ng/ul	290875	4	16.99	2090600	20.0
9,10-Anthracenedione	18.42	3.8	ng/ul	397334	4	16.99	2090600	20.0
(DEL) Alkane: Str...	18.83	31.0	ng/ul	3239060	4	16.99	2090600	20.0
Cyclopenta(def)ph...	18.94	4.1	ng/ul	427113	4	16.99	2090600	20.0
(DEL) Alkane: Str...	19.95	20.5	ng/ul	2834880	5	21.19	2767310	20.0
(DEL) Alkane: Str...	20.45	16.2	ng/ul	2241100	5	21.19	2767310	20.0
(DEL) Alkane: Str...	20.92	16.1	ng/ul	2234720	5	21.19	2767310	20.0
(DEL) Alkane: Str...	21.35	10.6	ng/ul	1460230	5	21.19	2767310	20.0
(DEL) Alkane: Str...	21.77	10.3	ng/ul	1429630	5	21.19	2767310	20.0
(DEL) Alkane: Str...	22.23	6.4	ng/ul	882635	5	21.19	2767310	20.0
Benzo[e]pyrene	23.19	5.9	ng/ul	502176	6	23.38	1708400	20.0