

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014543.D
 Acq On : 13 Mar 2018 12:37
 Operator : SJ/JU
 Sample : J1835-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F44

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-BM021418.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	4.651	297	300	306	rVB	28103	40924	1.26%	0.121%
2	6.687	640	646	658	rBV	184523	351941	10.84%	1.043%
3	6.822	665	669	677	rBV	136231	208961	6.43%	0.619%
4	7.016	694	702	709	rBV	215106	367078	11.30%	1.088%
5	7.469	773	779	785	rBV	305630	480504	14.80%	1.424%
6	8.210	899	905	914	rBV3	204188	372295	11.46%	1.103%
7	8.634	968	977	985	rBV	226094	408864	12.59%	1.212%
8	9.351	1091	1099	1105	rBV	209844	379942	11.70%	1.126%
9	9.404	1105	1108	1112	rVB4	28877	39086	1.20%	0.116%
10	9.898	1186	1192	1200	rBV	248375	522623	16.09%	1.549%
11	10.186	1235	1241	1244	rBV6	23145	47386	1.46%	0.140%
12	10.239	1244	1250	1257	rVB	437439	725860	22.35%	2.151%
13	10.416	1270	1280	1289	rBV6	100047	312476	9.62%	0.926%
14	10.622	1310	1315	1320	rVB9	23295	36600	1.13%	0.108%
15	10.704	1324	1329	1334	rVV6	44922	72671	2.24%	0.215%
16	10.892	1356	1361	1363	rBV5	32618	56586	1.74%	0.168%
17	11.251	1418	1422	1430	rBV6	84490	171982	5.30%	0.510%
18	11.404	1444	1448	1453	rVB5	38428	51365	1.58%	0.152%
19	11.498	1460	1464	1470	rVB3	59783	92324	2.84%	0.274%
20	11.645	1485	1489	1492	rBV4	28753	46069	1.42%	0.137%
21	11.786	1508	1513	1520	rVB2	158289	280310	8.63%	0.831%
22	11.963	1540	1543	1547	rBV5	29560	58096	1.79%	0.172%
23	12.063	1557	1560	1565	rBV6	27142	36383	1.12%	0.108%
24	12.463	1624	1628	1633	rVB4	74983	130134	4.01%	0.386%
25	12.639	1654	1658	1663	rVB2	225455	317663	9.78%	0.941%
26	12.722	1669	1672	1677	rVB4	91787	139508	4.30%	0.413%
27	12.910	1700	1704	1708	rBV2	130755	183795	5.66%	0.545%
28	12.963	1709	1713	1717	rVB5	80629	126480	3.89%	0.375%
29	13.451	1793	1796	1803	rBV8	45198	103310	3.18%	0.306%
30	13.563	1810	1815	1819	rBV	522061	722779	22.26%	2.142%
31	13.610	1819	1823	1828	rVB	375786	482523	14.86%	1.430%
32	13.827	1855	1860	1866	rVB	622477	916966	28.24%	2.717%
33	13.880	1866	1869	1873	rVB6	70374	101307	3.12%	0.300%
34	14.039	1894	1896	1899	rBV4	47660	48169	1.48%	0.143%

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35	14.139	1908	1913	1920	rVB2	687431	1116863	34.39%	3.310%
36	14.445	1961	1965	1975	rBV7	211226	597429	18.40%	1.770%
37	14.539	1978	1981	1985	rBV3	84150	160325	4.94%	0.475%
38	14.663	1998	2002	2006	rBV3	178826	265867	8.19%	0.788%
39	15.145	2079	2084	2091	rBV	718600	1049920	32.33%	3.111%
40	15.321	2112	2114	2118	rVB3	165579	188492	5.80%	0.559%
41	15.404	2123	2128	2133	rVB	439299	726636	22.38%	2.153%
42	15.610	2161	2163	2171	rVB8	136401	230119	7.09%	0.682%
43	15.886	2205	2210	2214	rVB	800855	1078290	33.20%	3.195%
44	16.709	2345	2350	2361	rVB3	776277	1458725	44.92%	4.323%
45	16.904	2378	2383	2388	rBV	1017840	1481057	45.61%	4.389%
46	17.004	2395	2400	2407	rVB2	903597	1293858	39.84%	3.834%
47	17.821	2534	2539	2545	rVV	1670437	2279797	70.20%	6.756%
48	17.880	2545	2549	2553	rVB	441981	566085	17.43%	1.678%
49	18.151	2593	2595	2599	rVB4	235300	264895	8.16%	0.785%
50	19.109	2753	2758	2768	rVB	2125871	3247465	100.00%	9.623%
51	19.251	2778	2782	2785	rBV	859824	921373	28.37%	2.730%
52	19.315	2789	2793	2798	rVB2	1100814	1472876	45.35%	4.365%
53	20.268	2951	2955	2958	rBV2	468083	758903	23.37%	2.249%
54	20.303	2958	2961	2966	rVB	782207	969308	29.85%	2.872%
55	20.827	3048	3050	3056	rVB2	343902	410785	12.65%	1.217%
56	21.121	3097	3100	3105	rVB	1160076	1499538	46.18%	4.444%
57	23.156	3440	3446	3452	rVB2	923293	1835282	56.51%	5.439%
58	23.291	3464	3469	3476	rVB	784658	1438758	44.30%	4.264%

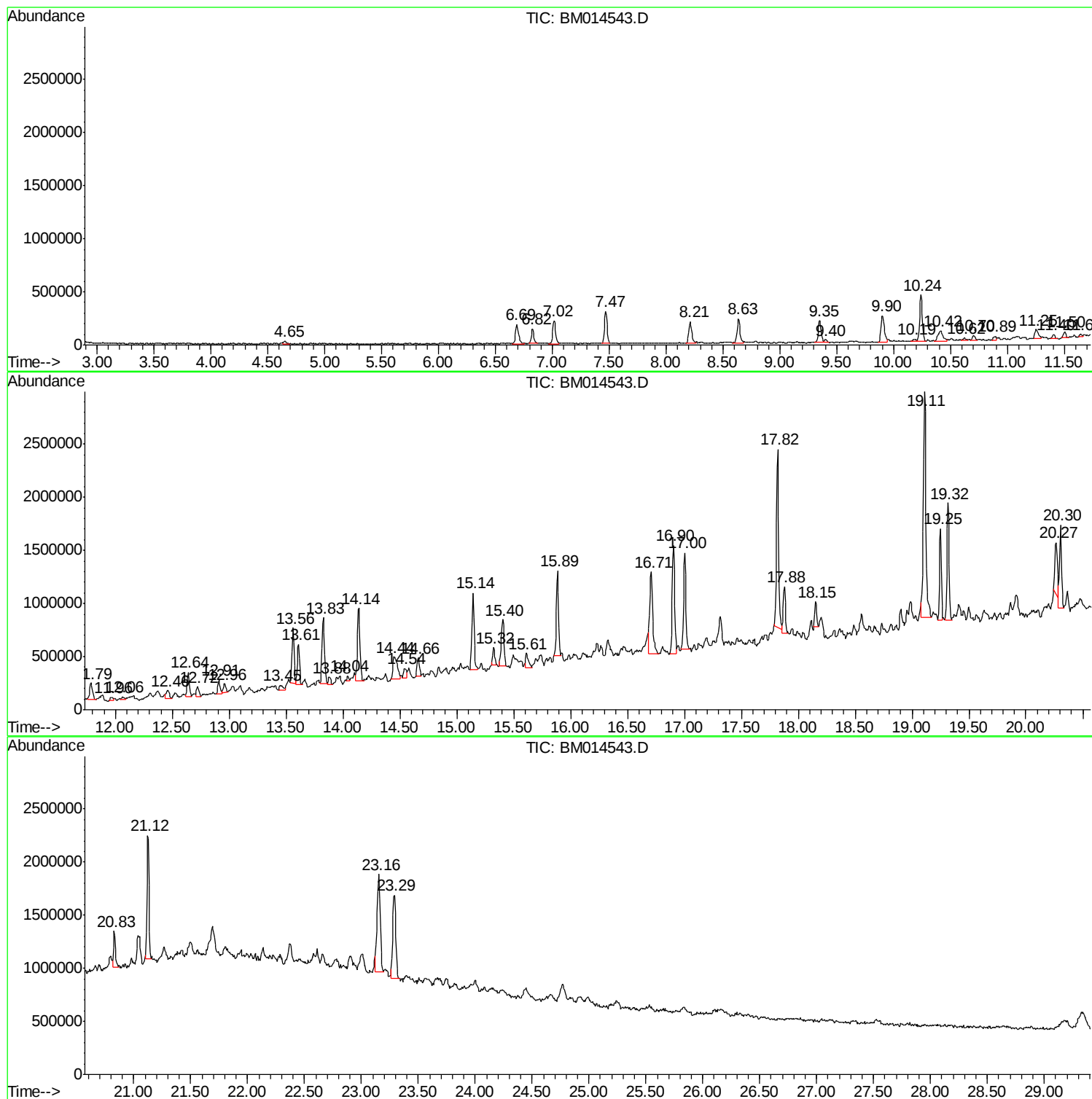
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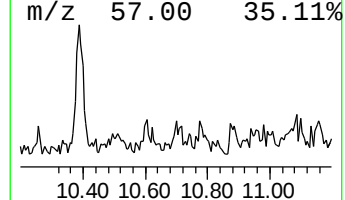
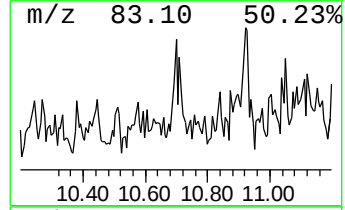
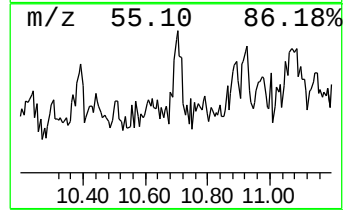
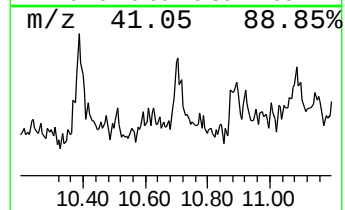
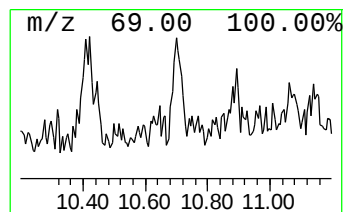
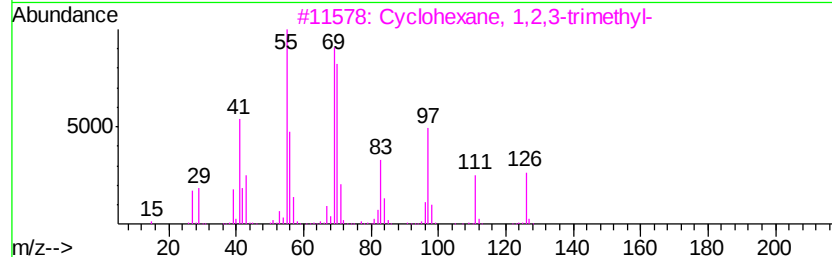
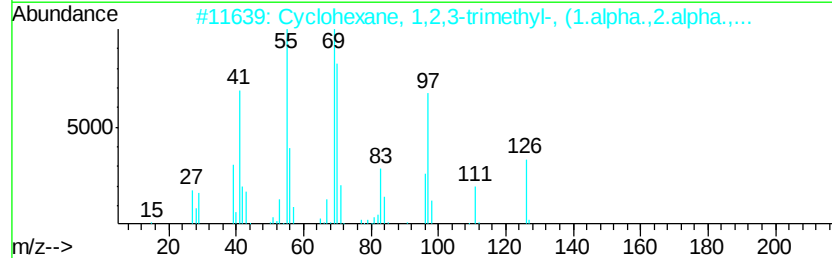
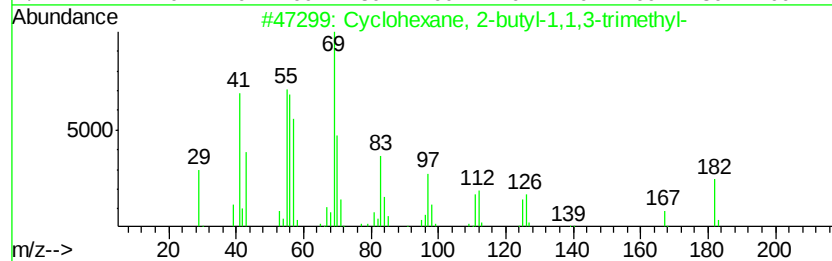
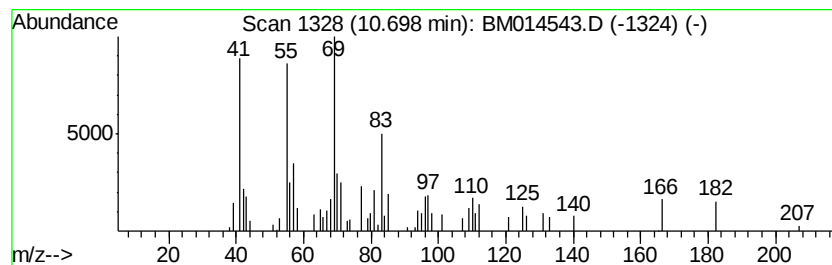
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic10.70 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.00 ng/ul	72671	Napthalene-d8	10.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0 64
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	001839-88-9 49
3		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 49
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	007667-55-2 49
5		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 47



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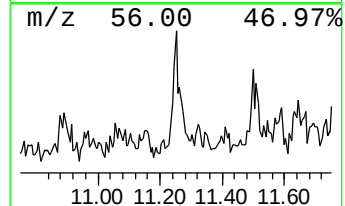
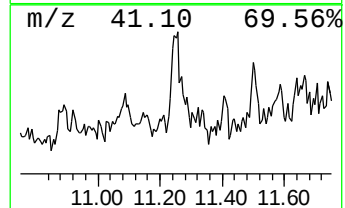
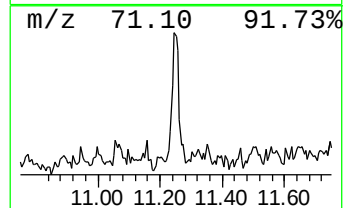
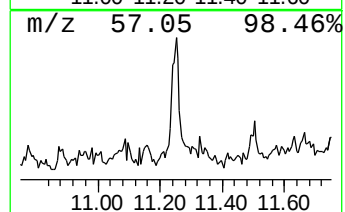
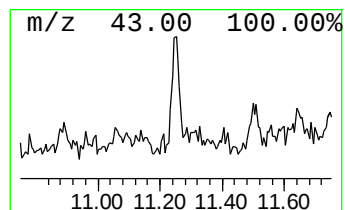
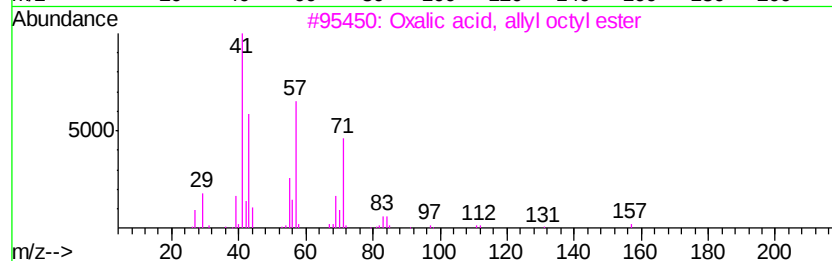
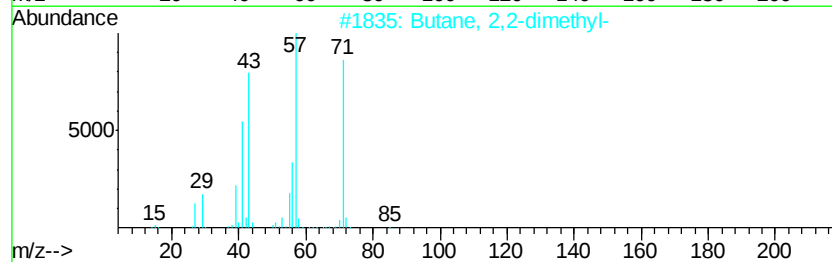
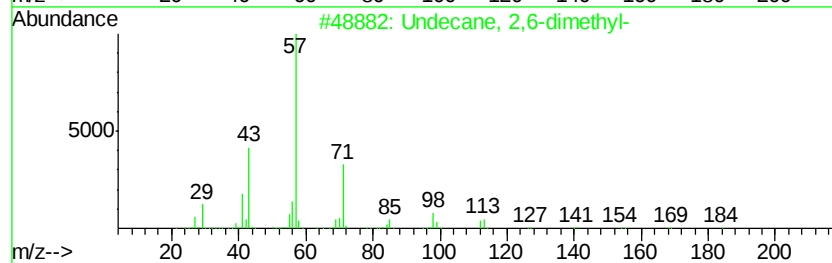
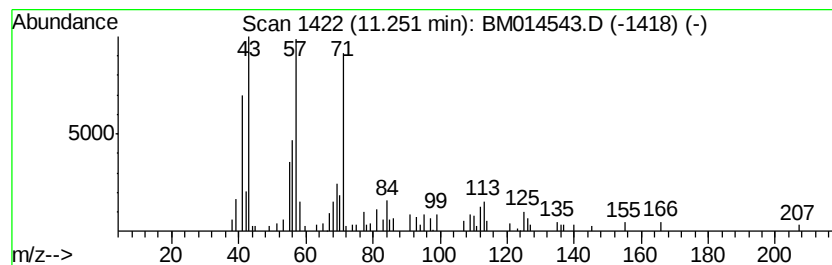
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.74 ng/ul	171982	Naphthalene-d8	10.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3			Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	53
4			Allyl n-octyl ether	170	C11H22O	003295-97-4	50
5			Butanoic acid, 2-methyl-5-oxo-1-...	182	C10H14O3	068227-51-0	50



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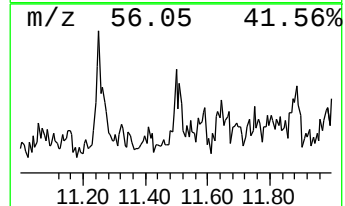
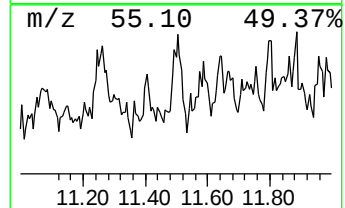
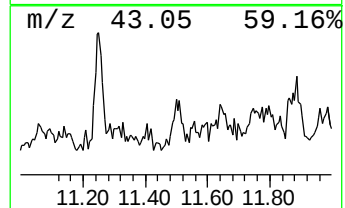
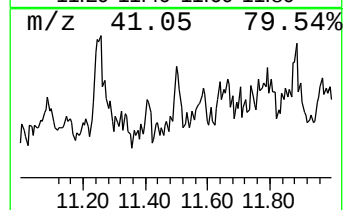
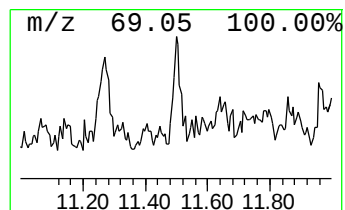
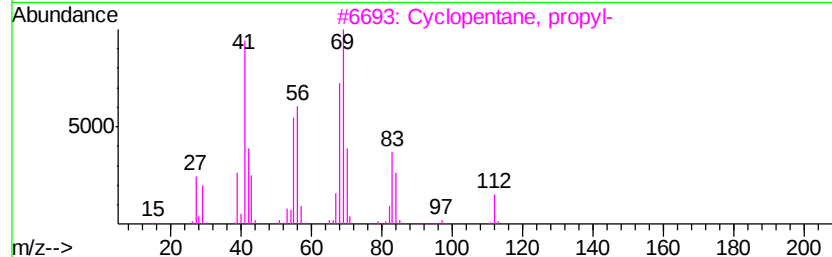
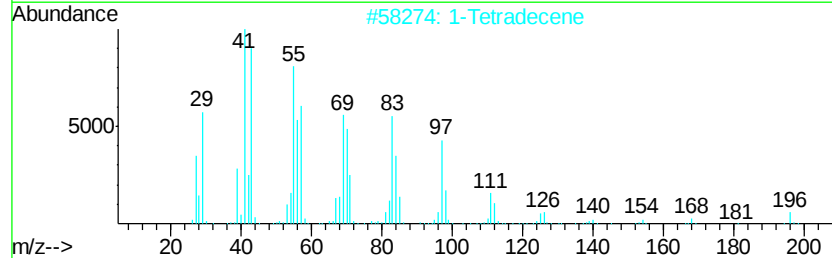
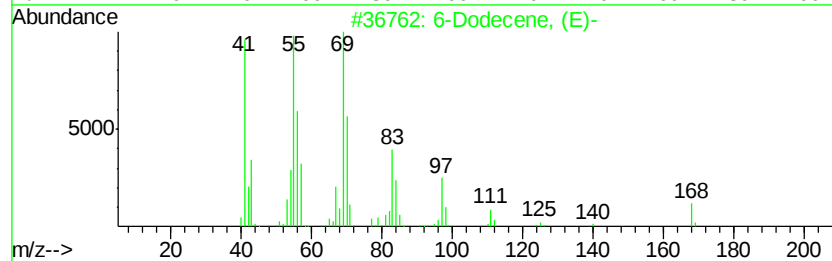
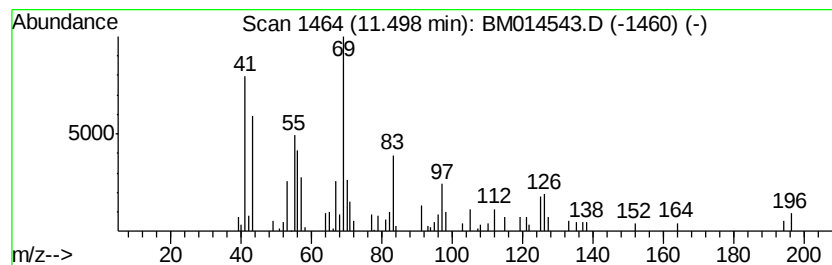
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic11.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.50	2.54 ng/ul	92324	Naphthalene-d8	10.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-	168	C12H24	007206-17-9	59
2	1-Tetradecene	196	C14H28	001120-36-1	55
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
4	1-Tetradecene	196	C14H28	001120-36-1	49
5	2-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-7	47



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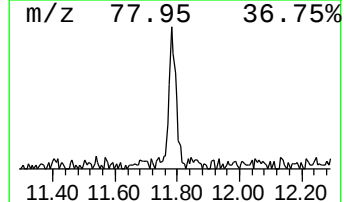
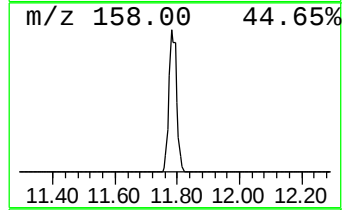
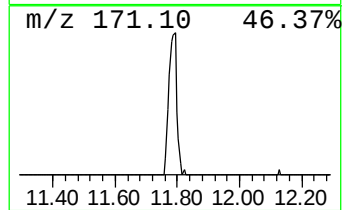
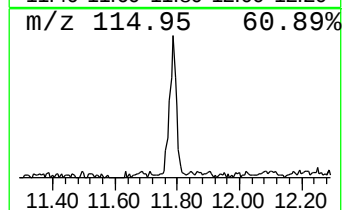
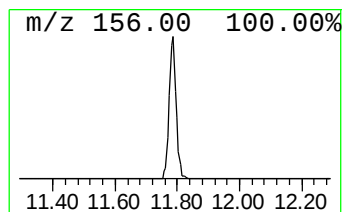
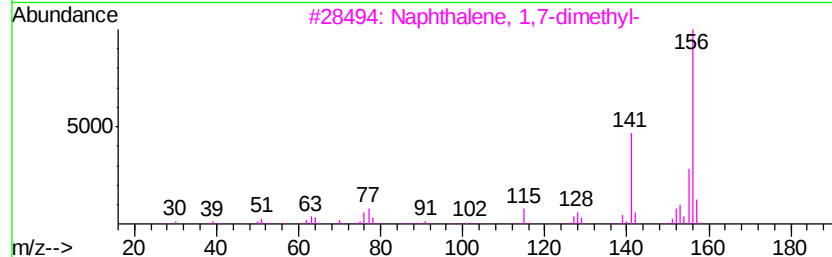
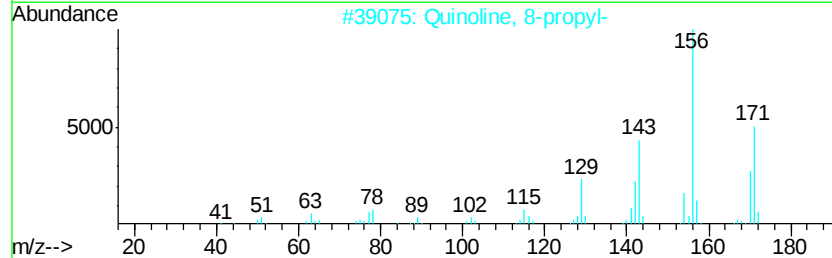
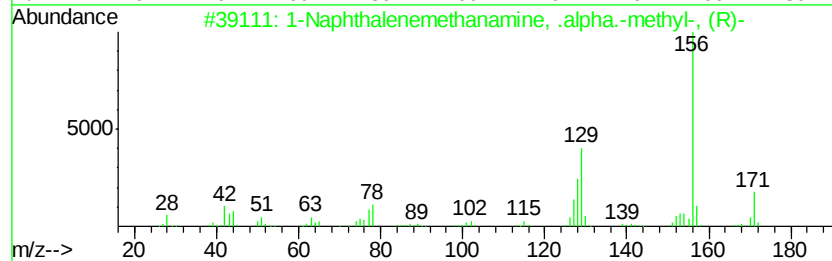
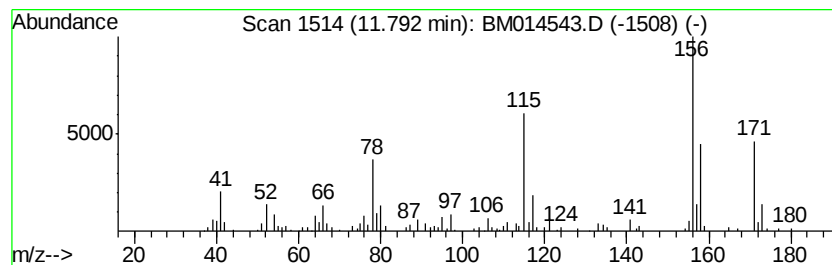
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.72 ng/ul	280310	Naphthalene-d8	10.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	37
2		Quinoline, 8-propyl-	171	C12H13N	007661-53-2	18
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	16
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	16
5		3-(1,4-Dioxa-8-aza-spiro[4.5]dec...	375	C22H33N04	1000300-75-6	16



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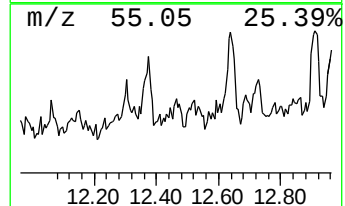
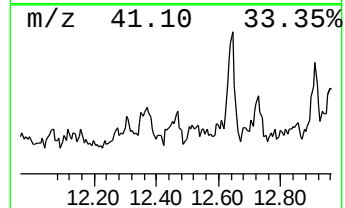
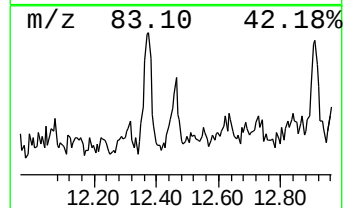
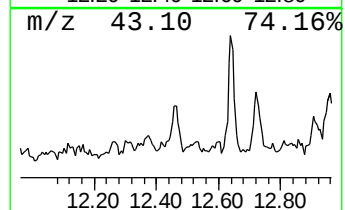
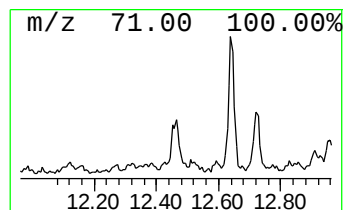
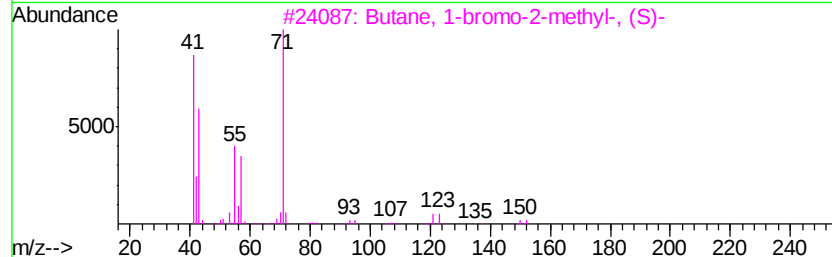
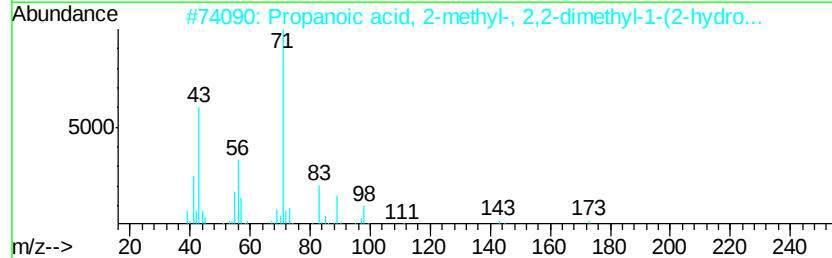
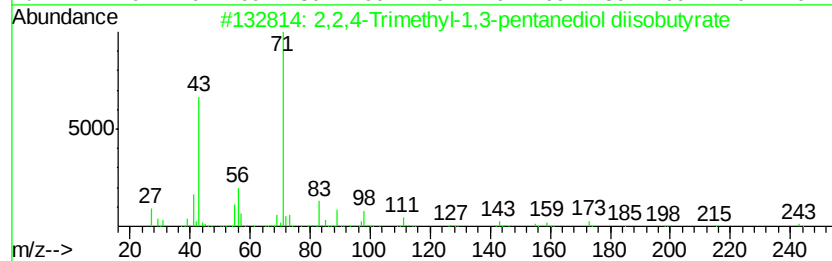
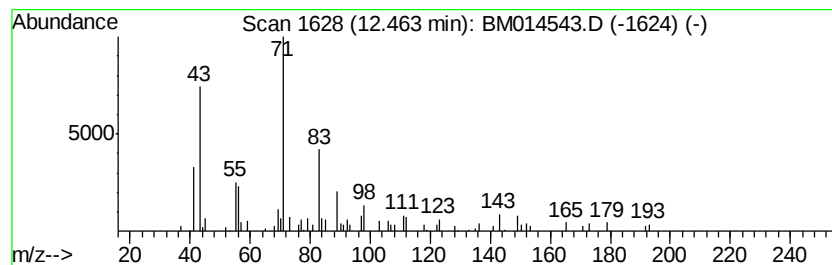
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.33 ng/ul	130134	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
2		Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	40
3		Butane, 1-bromo-2-methyl-, (S)-	150	C5H11Br	000534-00-9	35
4		2-t-Butylperoxy-2-ethylbutan-1-o...	260	C14H28O4	139727-33-6	33
5		3,4-dimethyl-5-(3,4-methylenedio...	221	C12H15NO3	1000378-93-8	32



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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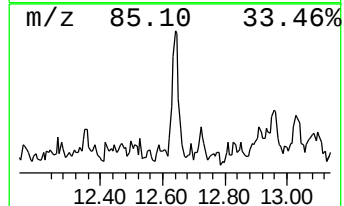
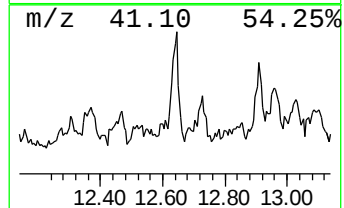
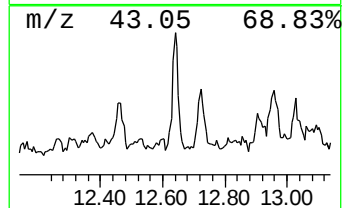
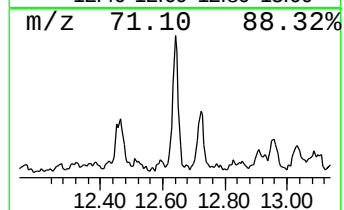
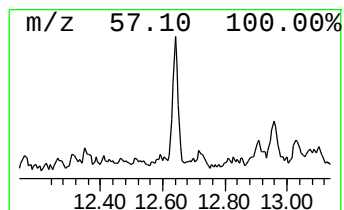
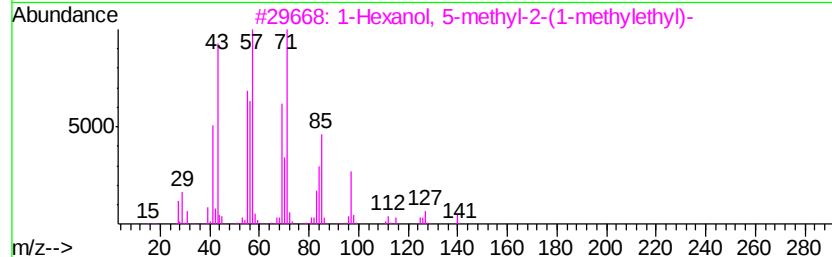
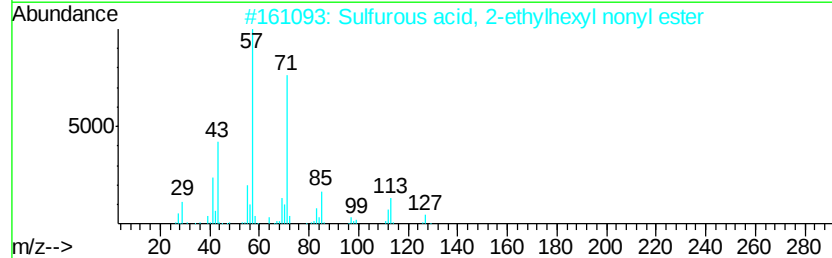
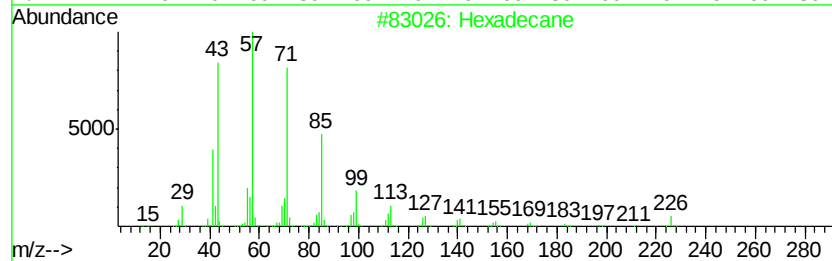
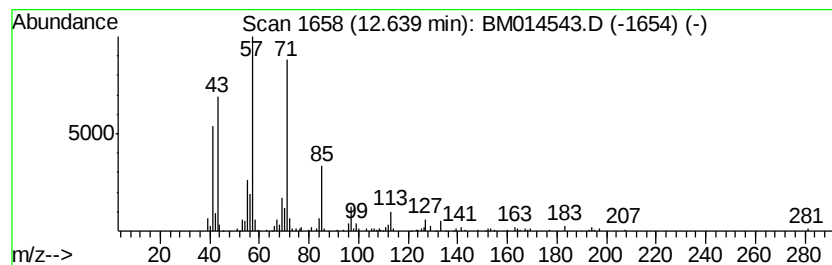
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.69 ng/ul	317663	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
3		1-Hexanol, 5-methyl-2-(1-methyl-...	158	C10H22O	002051-33-4	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
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Misc :
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Instrument :
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ClientSampleId :
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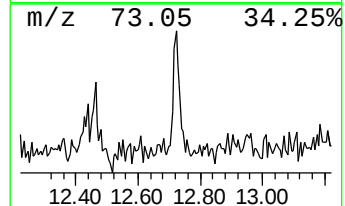
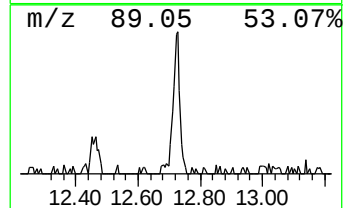
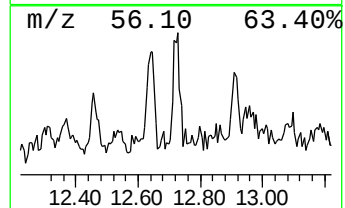
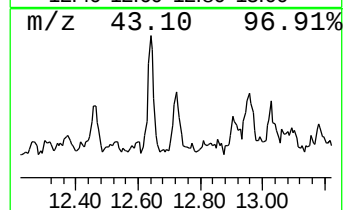
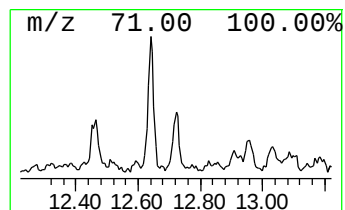
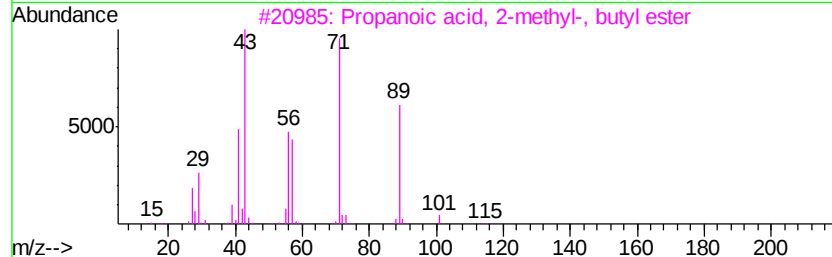
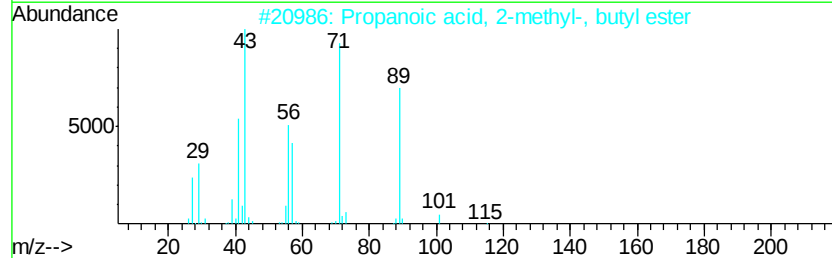
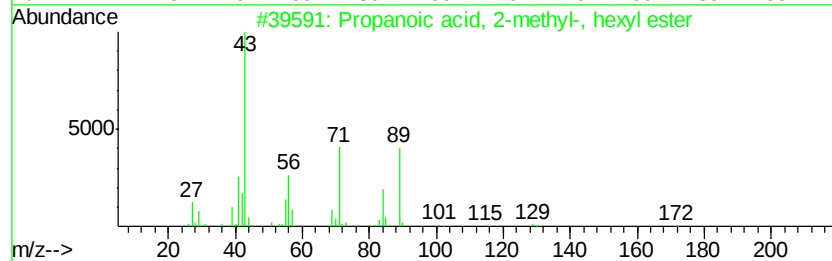
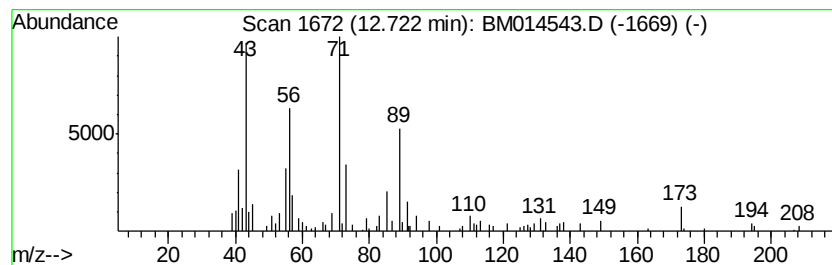
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.50 ng/ul	139508	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	59
2		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
3		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
4		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
5		Hexane-1,3,4-triol, 3,5-dimethyl-	162	C8H18O3	1000268-02-6	49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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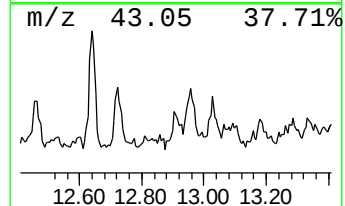
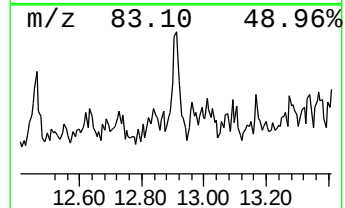
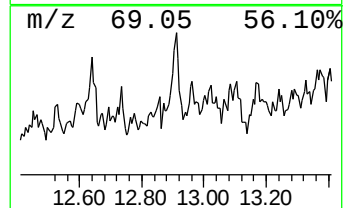
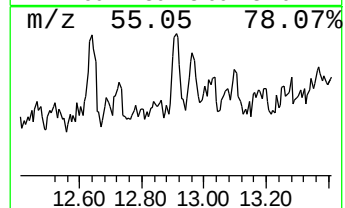
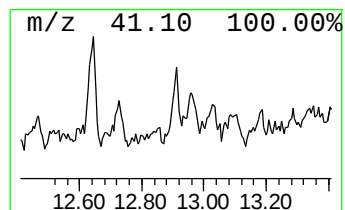
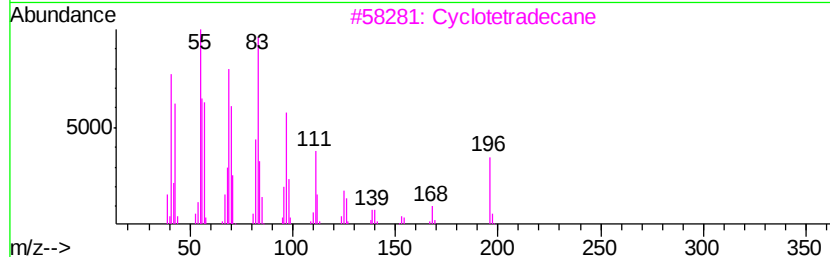
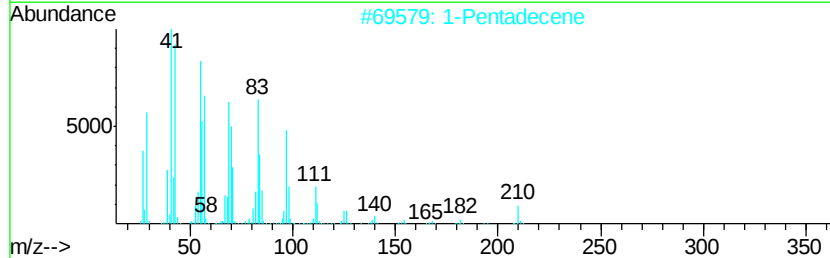
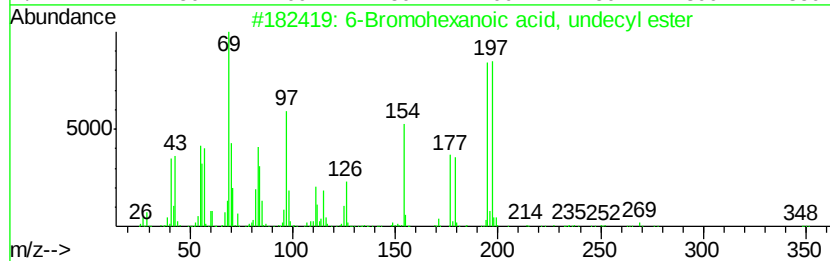
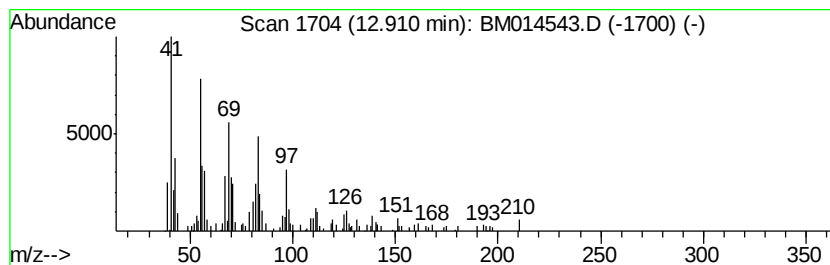
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 6-Bromohexanoic acid, undec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	3.29 ng/ul	183795	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Bromohexanoic acid, undecyl ester	348	C17H33BrO2	1000282-90-4	95
2		1-Pentadecene	210	C15H30	013360-61-7	94
3		Cyclotetradecane	196	C14H28	000295-17-0	93
4		1-Pentadecene	210	C15H30	013360-61-7	93
5		Cyclotetradecane	196	C14H28	000295-17-0	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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Acq On : 13 Mar 2018 12:37
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ClientSampleId :
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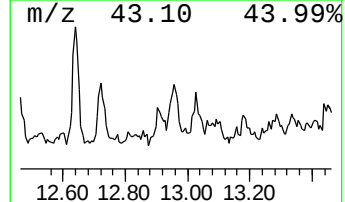
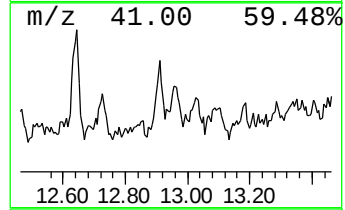
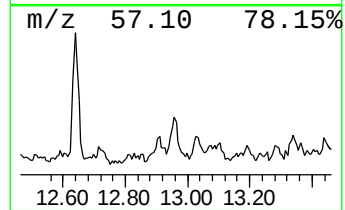
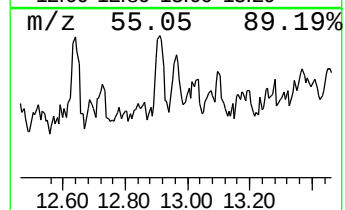
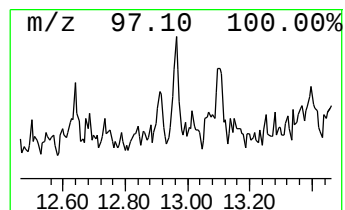
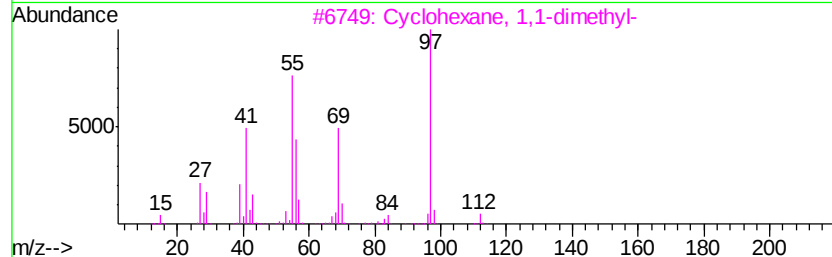
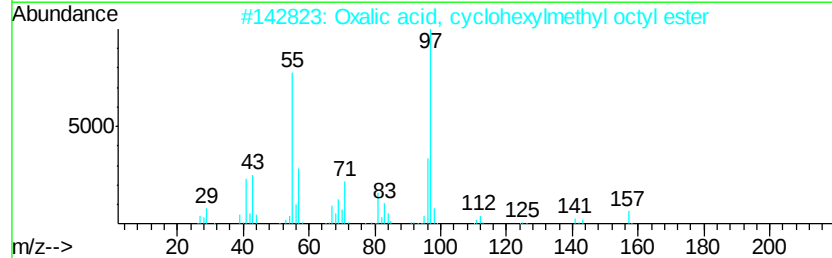
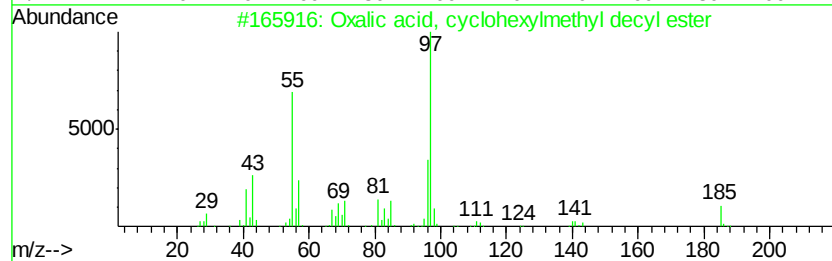
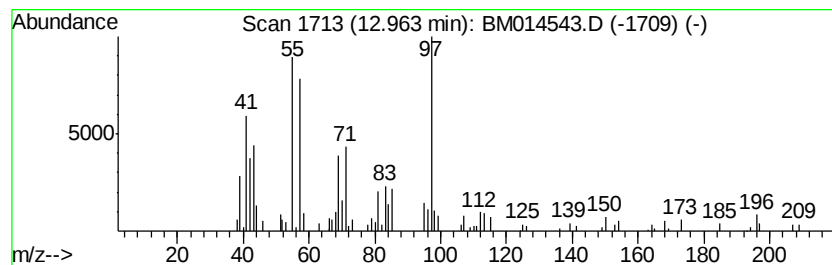
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxalic acid, cyclohexylmeth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.26 ng/ul	126480	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclohexvlmethvl de...	326	C19H34O4	1000309-68-7	50
2		Oxalic acid, cvclohexvlmethvl oc...	298	C17H30O4	1000309-68-4	47
3		Cvclohexane, 1,1-dimethvl-	112	C8H16	000590-66-9	46
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	43
5		Massoilactone	168	C10H16O2	051154-96-2	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
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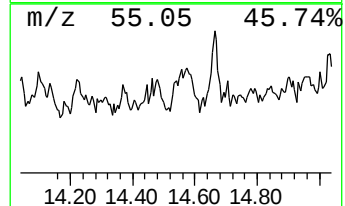
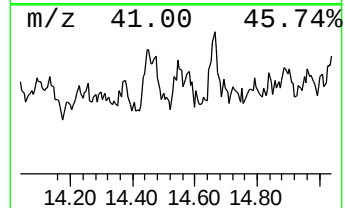
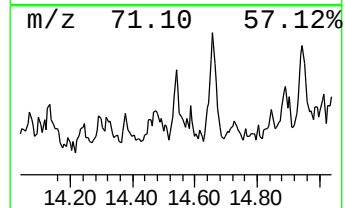
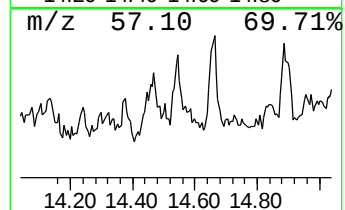
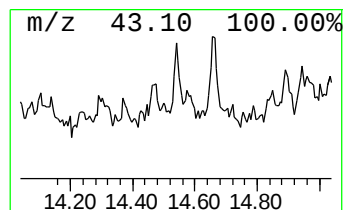
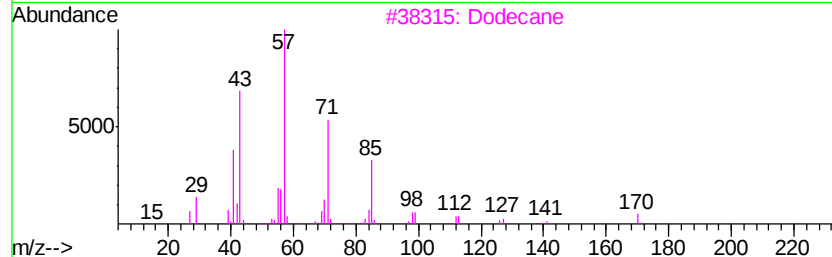
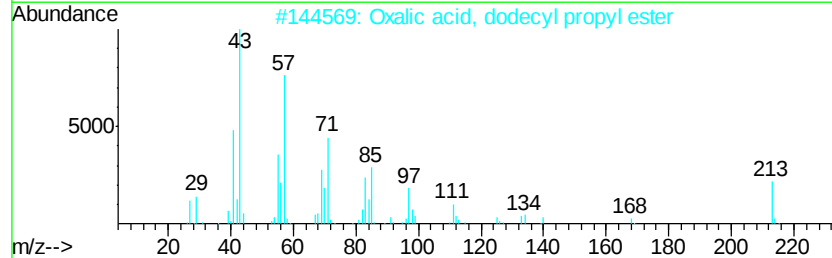
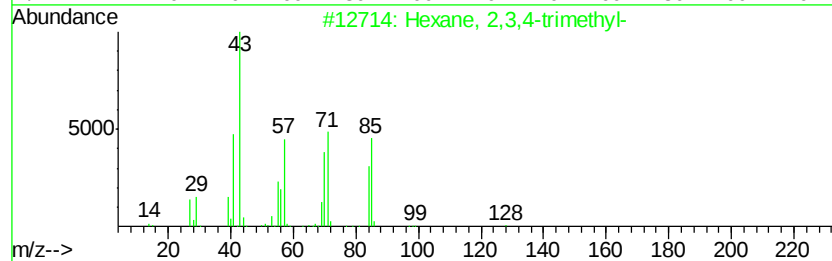
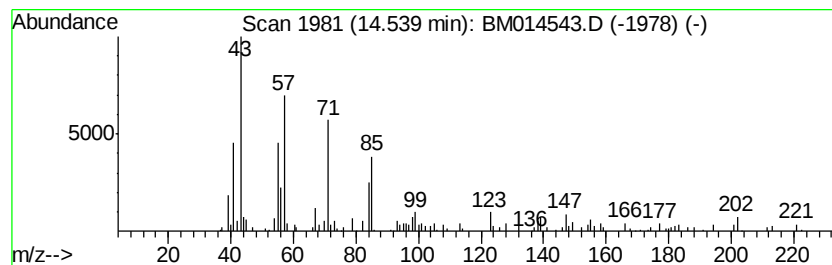
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.87 ng/ul	160325	Acenaphthene-d10	14.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	59
2	Oxalic acid, dodecyl propyl ester	300 C17H32O4	1000309-26-5	53
3	Dodecane	170 C12H26	000112-40-3	53
4	Undecane, 2,7-dimethyl-	184 C13H28	017301-24-5	53
5	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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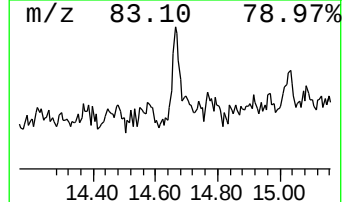
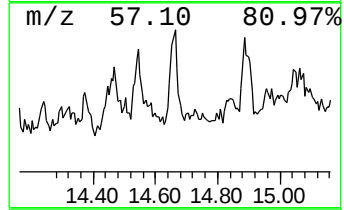
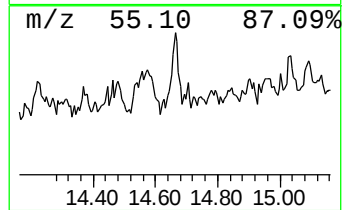
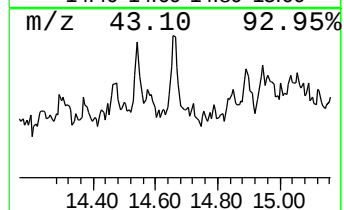
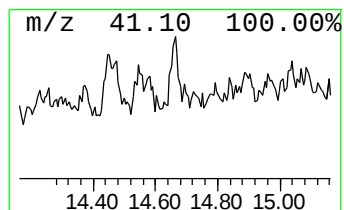
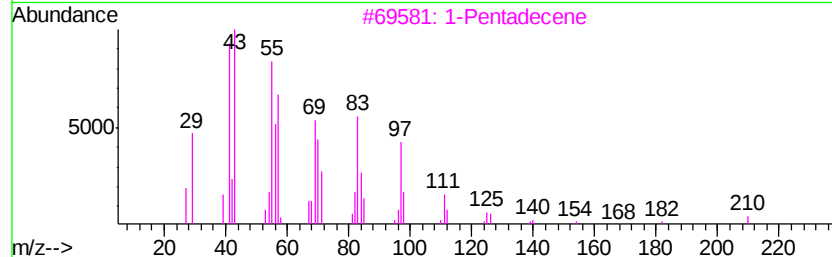
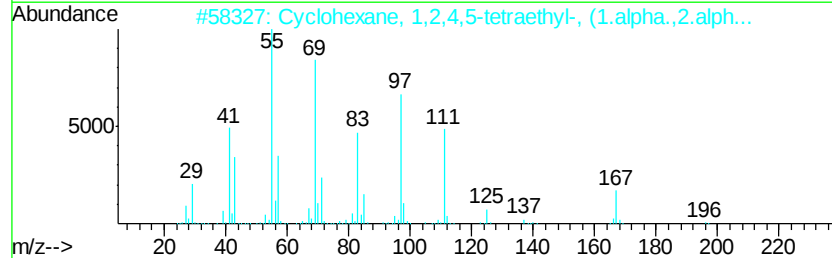
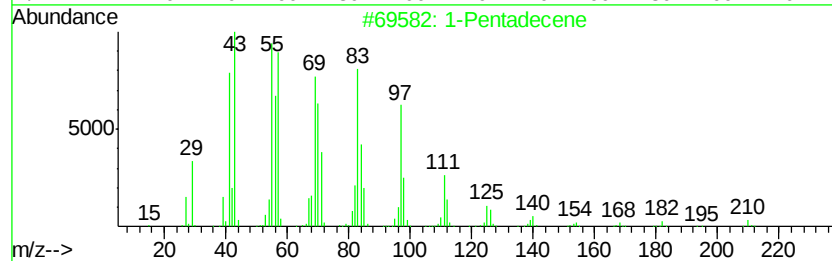
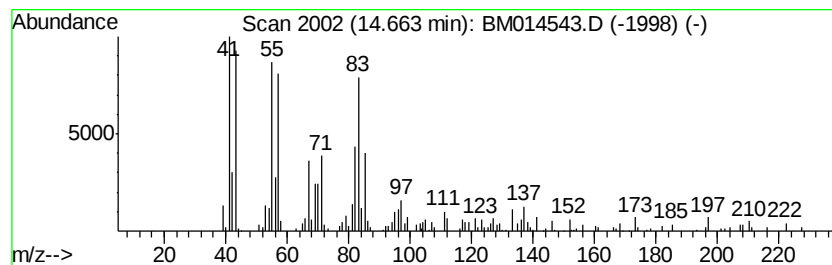
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic14.66 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.76 ng/ul	265867	Acenaphthene-d10	14.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Pentadecene	210 C15H30	013360-61-7 49
2		Cyclohexane, 1,2,4,5-tetraethyl-...	196 C14H28	061142-24-3 46
3		1-Pentadecene	210 C15H30	013360-61-7 43
4		(1R,2R,4S)-2-(6-Chloropvridin-3-...	222 C12H15ClN2	232615-84-8 43
5		Benzene, 1-fluoro-4-methoxy-	126 C7H7FO	000459-60-9 30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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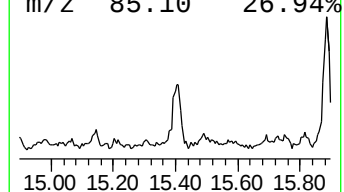
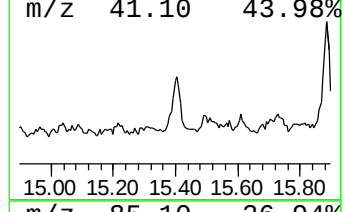
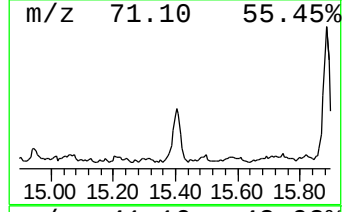
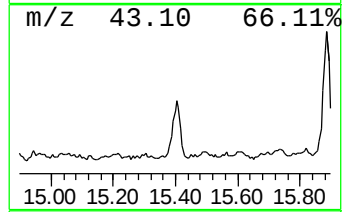
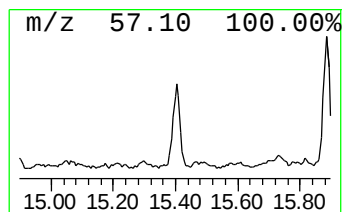
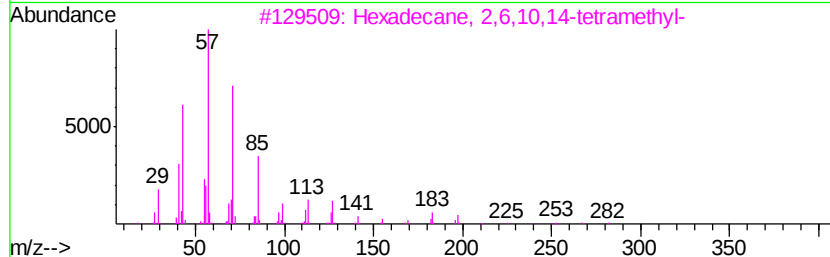
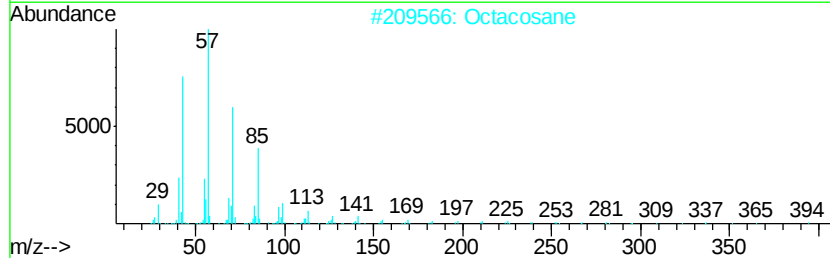
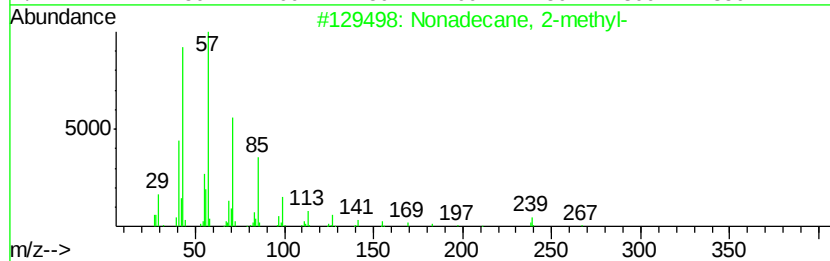
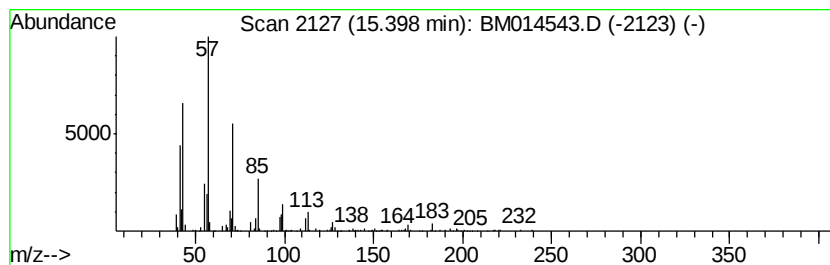
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	13.01 ng/ul	726636	Acenaphthene-d10	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
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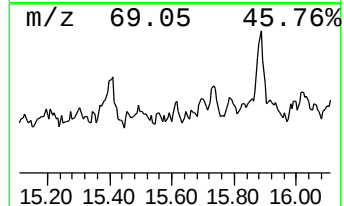
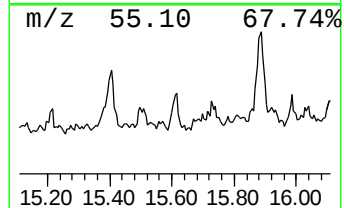
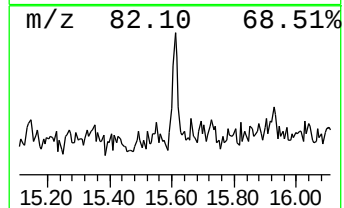
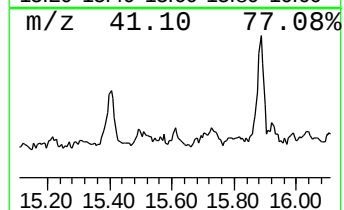
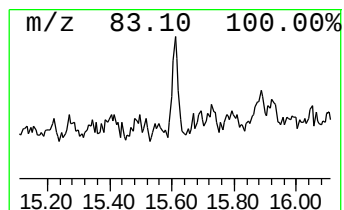
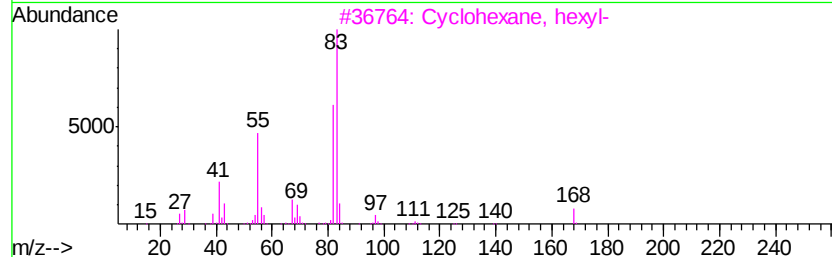
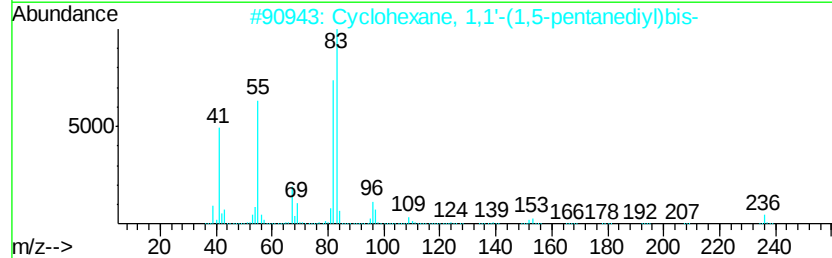
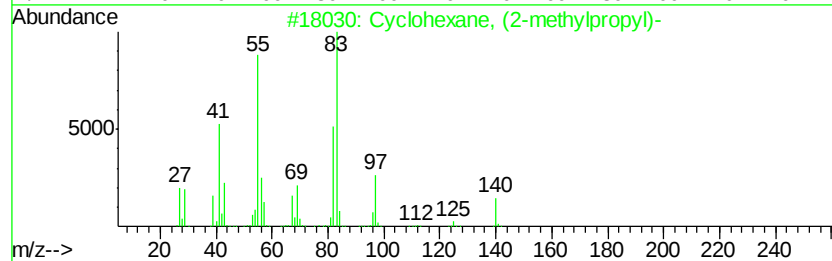
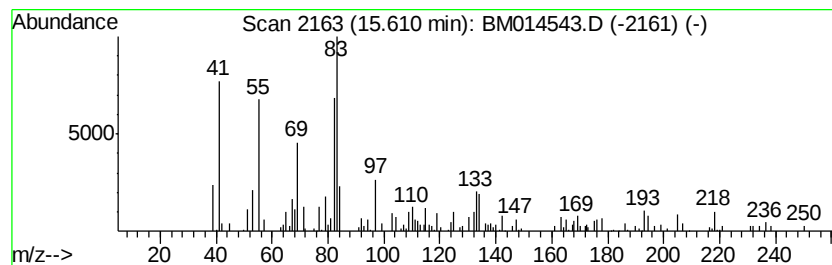
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic15.61 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.61	3.11 ng/ul	230119	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, (2-methylpropvl)-	140	C10H20	001678-98-4	47
2	Cvclohexane, 1,1'-(1,5-pentanedidi...	236	C17H32	054833-31-7	46
3	Cvclohexane, hexvl-	168	C12H24	004292-75-5	43
4	Cvclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
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ALS Vial : 4 Sample Multiplier: 1

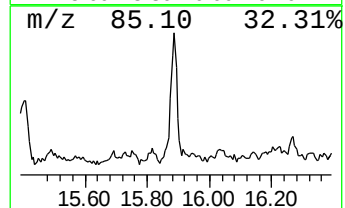
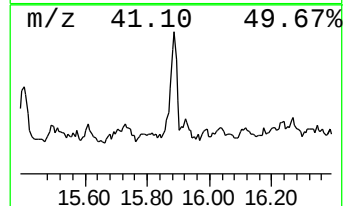
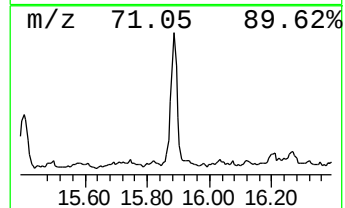
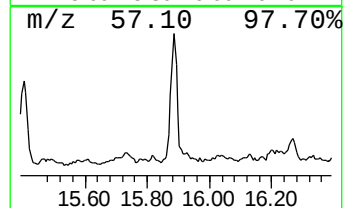
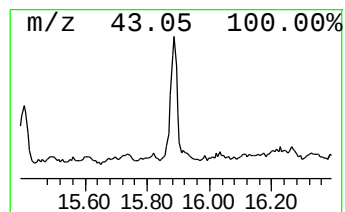
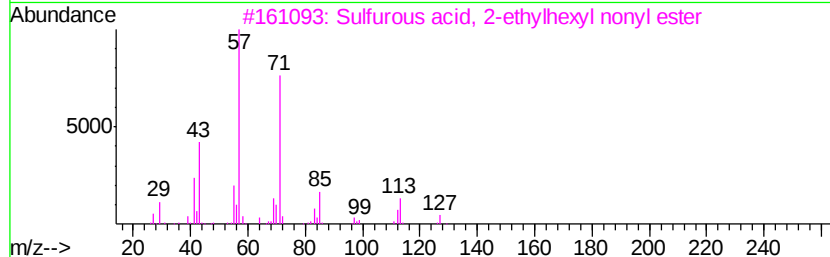
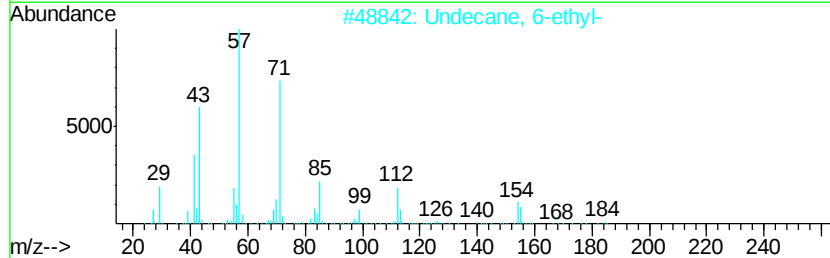
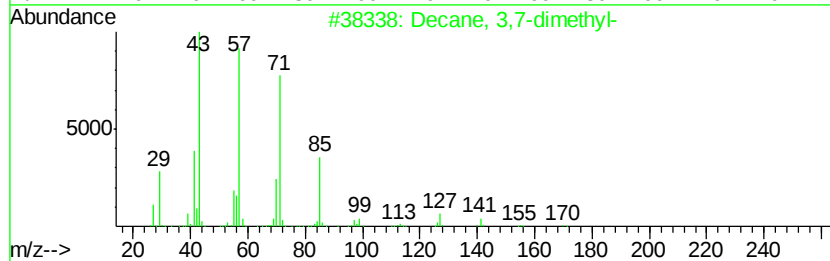
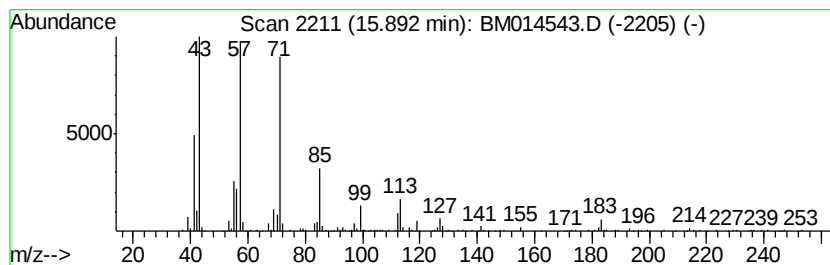
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.89	14.56 ng/ul	1078290	Phenanthrene-d10		16.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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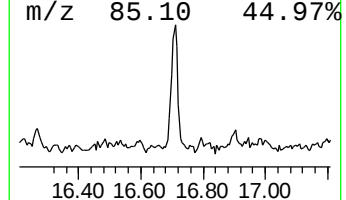
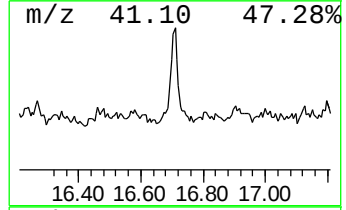
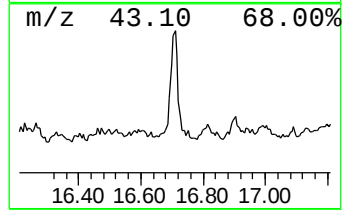
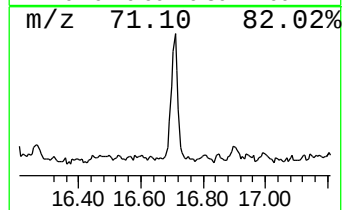
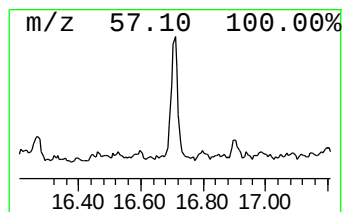
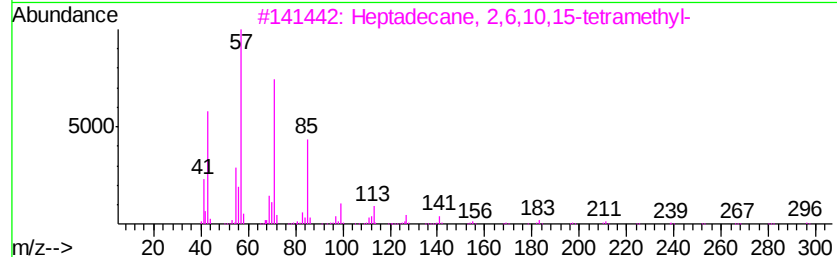
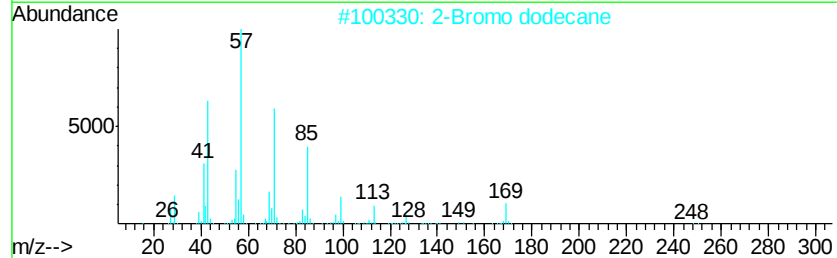
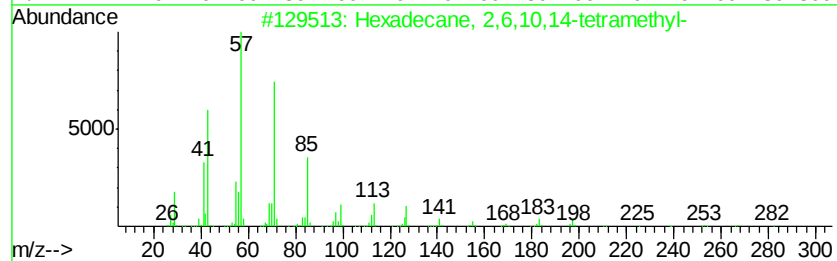
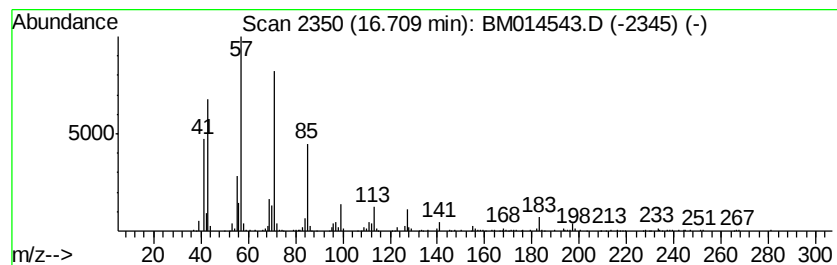
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	19.70 ng/ul	1458730	Phenanthrene-d10	16.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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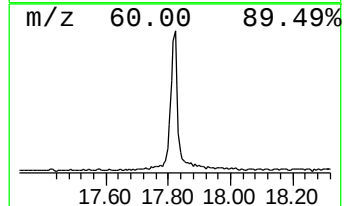
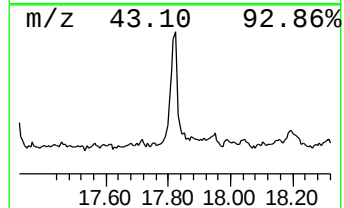
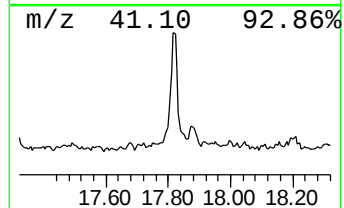
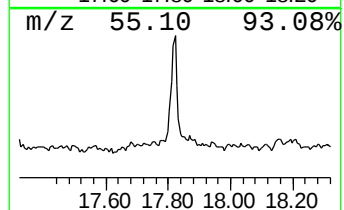
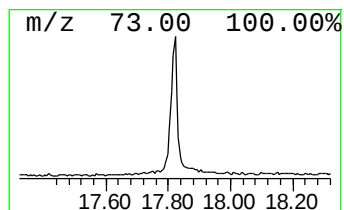
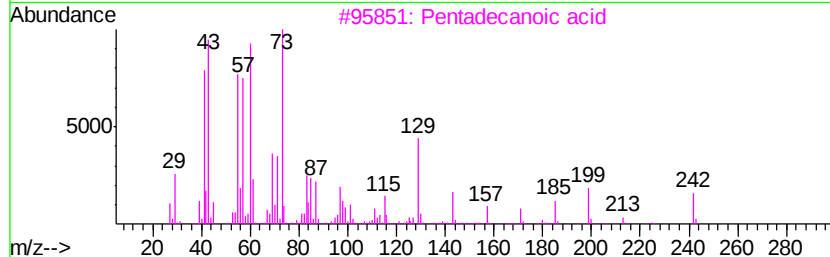
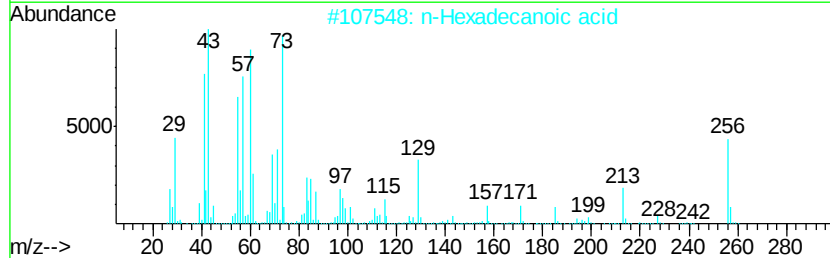
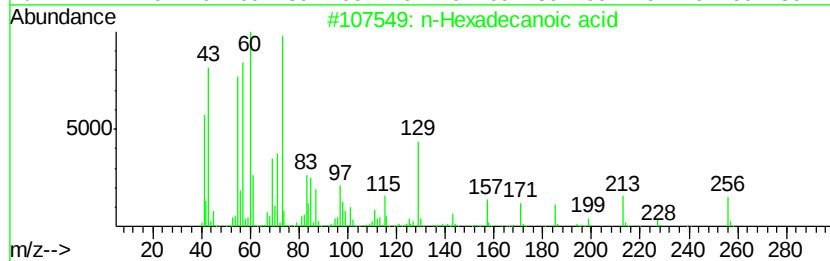
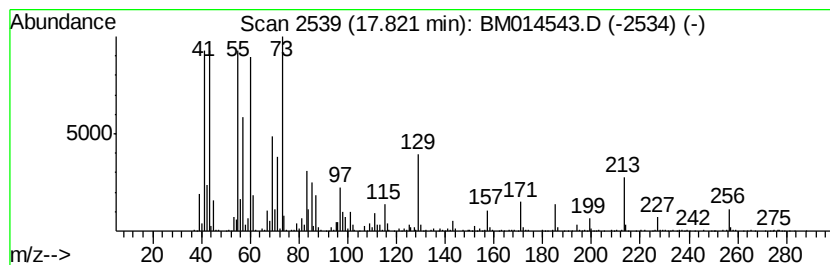
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	30.79 ng/ul	2279800	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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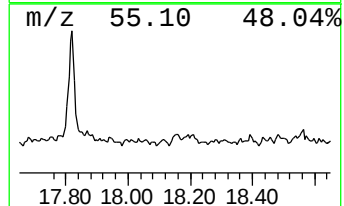
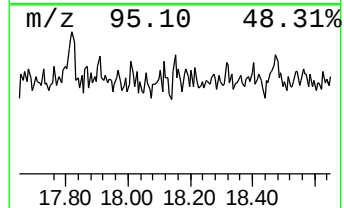
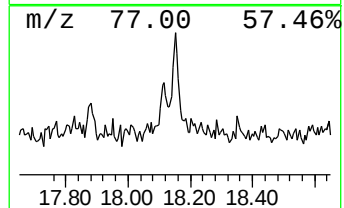
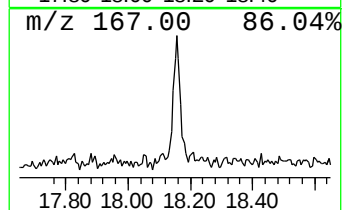
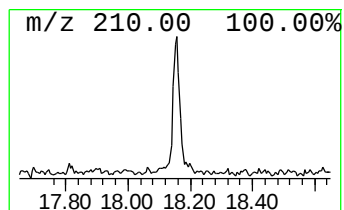
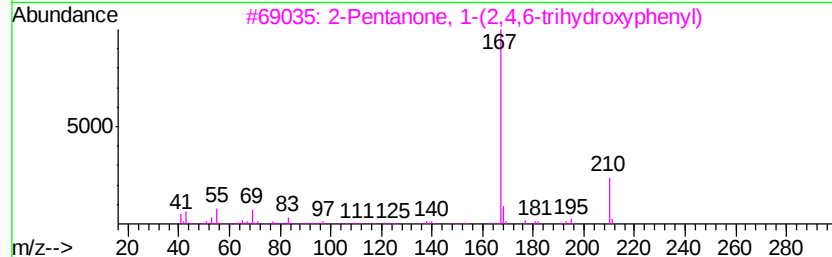
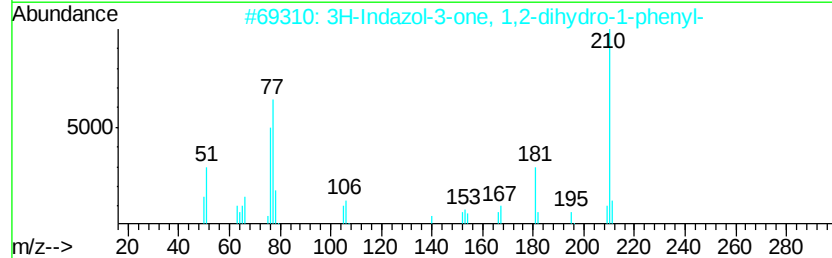
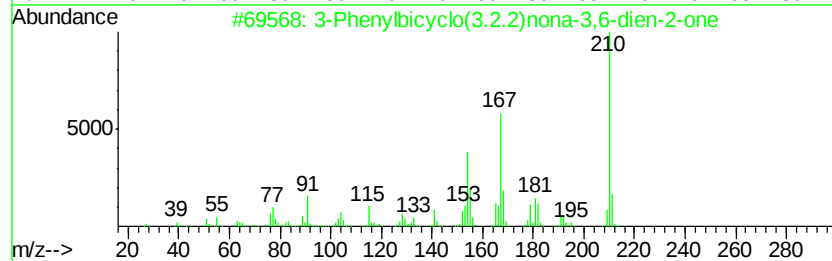
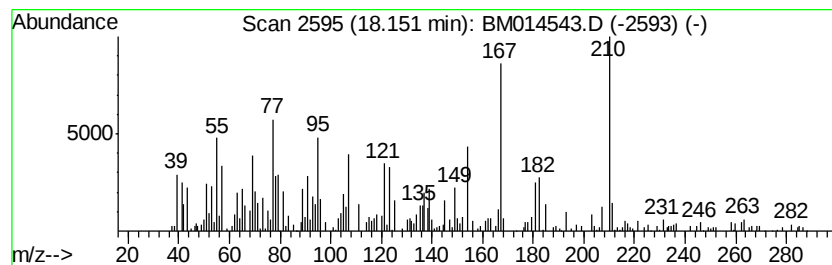
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	3.58 ng/ul	264895	Phenanthrene-d10	16.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbicyclo(3.2.2)nona-3,6-d...	210	C15H14O	073830-83-8	46	
2	3H-Indazol-3-one, 1,2-dihydro-1-...	210	C13H10N2O	028561-80-0	35	
3	2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	30	
4	4-Chloro-1-methyl-1,5-naphthyrid...	210	C9H7ClN2O2	1000213-59-5	30	
5	s-Triazolo[1,5-a]pyridine, 6-am...	210	C12H10N4	031052-93-4	25	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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Acq On : 13 Mar 2018 12:37
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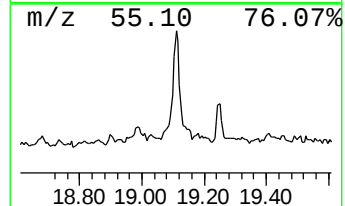
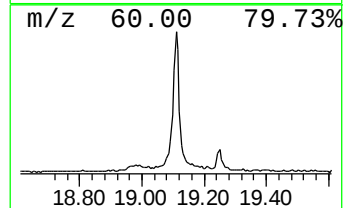
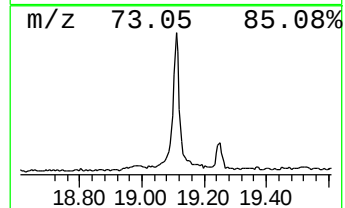
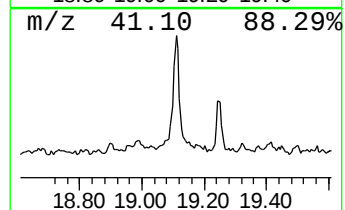
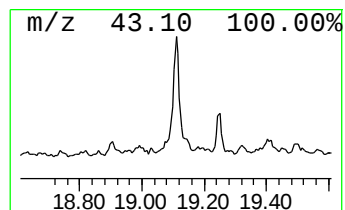
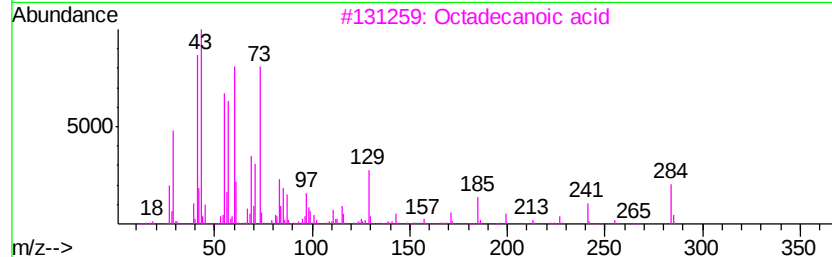
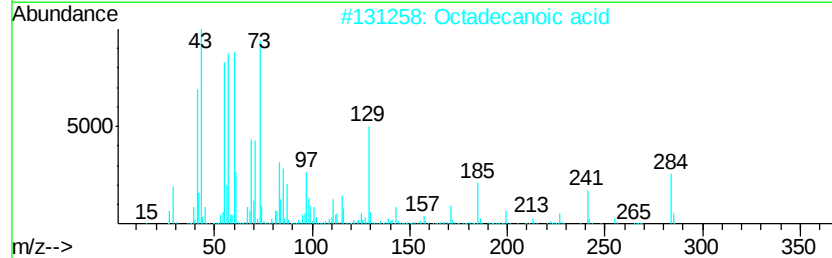
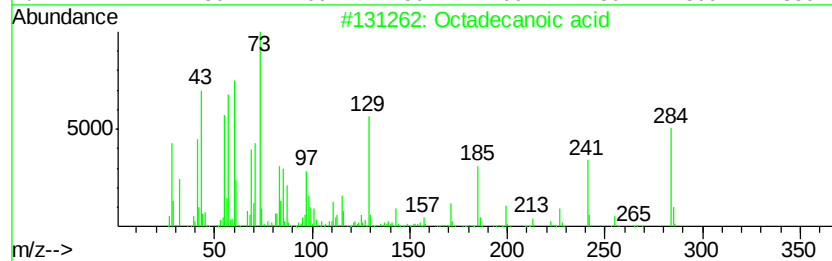
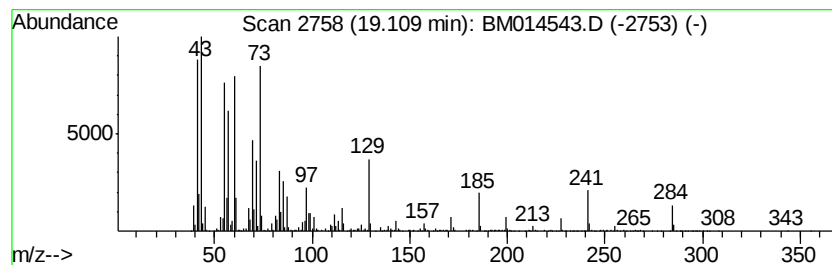
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	43.31 ng/ul	3247470	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
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Instrument :
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ClientSampleId :
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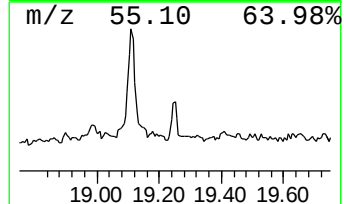
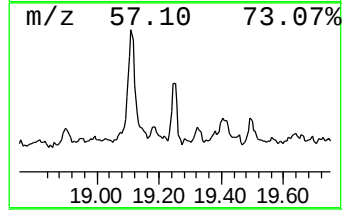
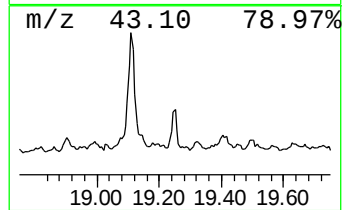
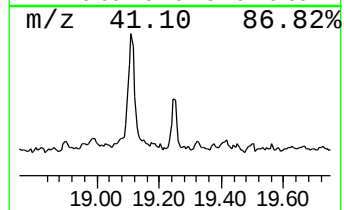
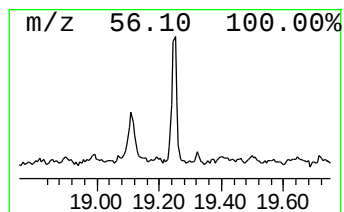
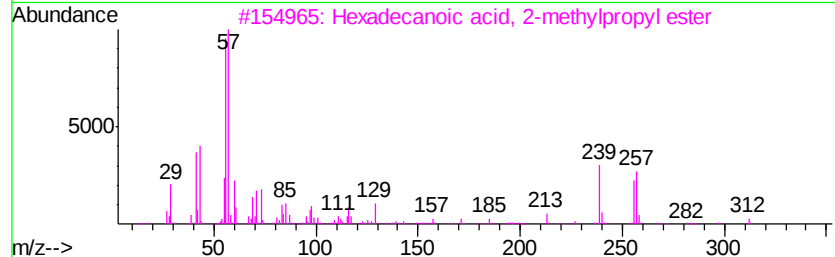
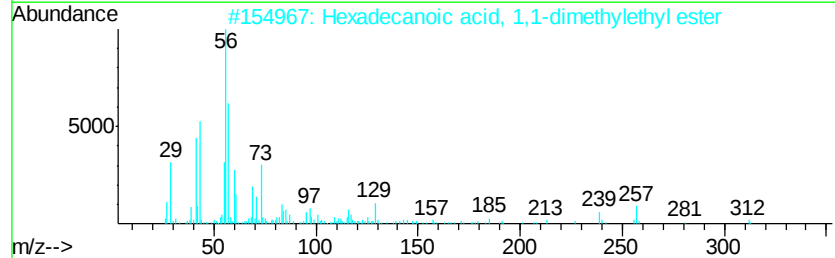
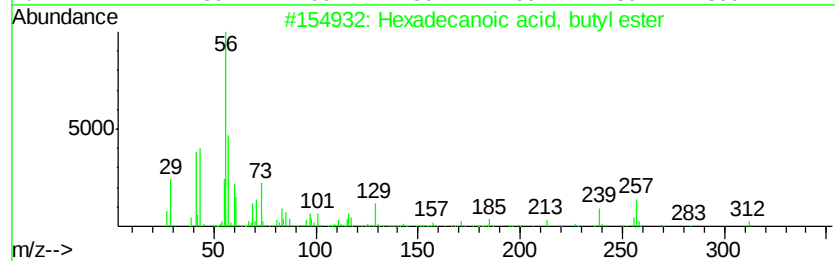
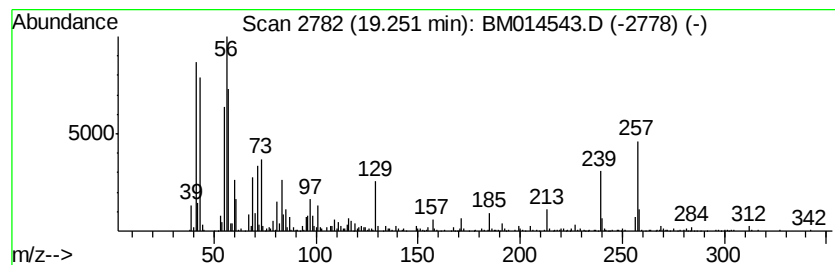
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	12.29 ng/ul	921373	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	64
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	59
5		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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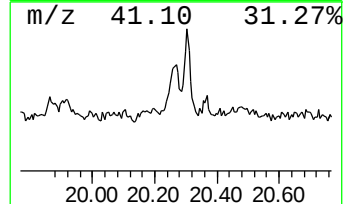
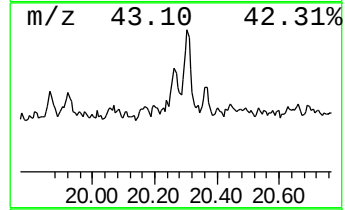
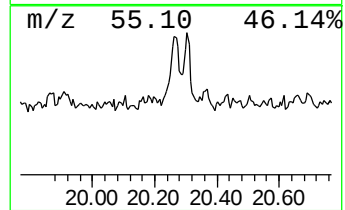
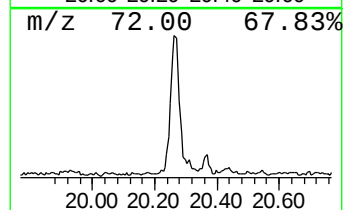
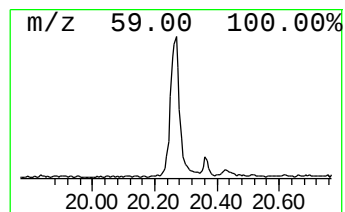
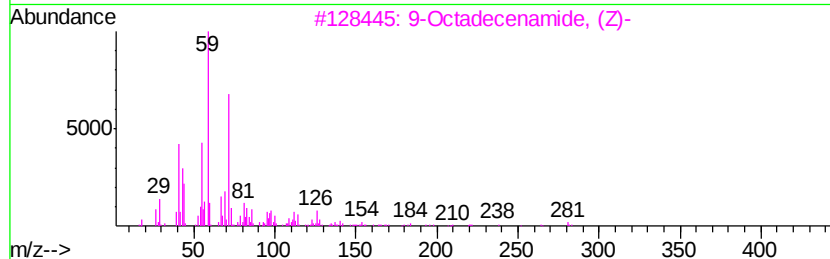
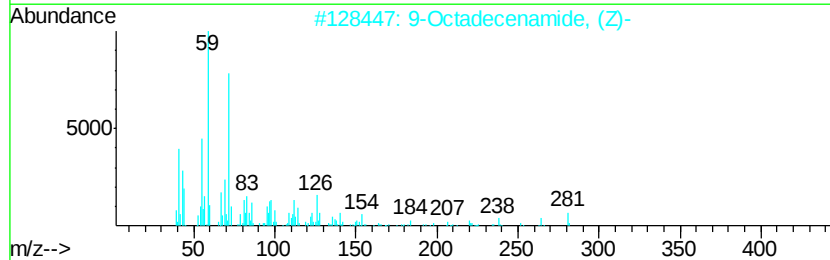
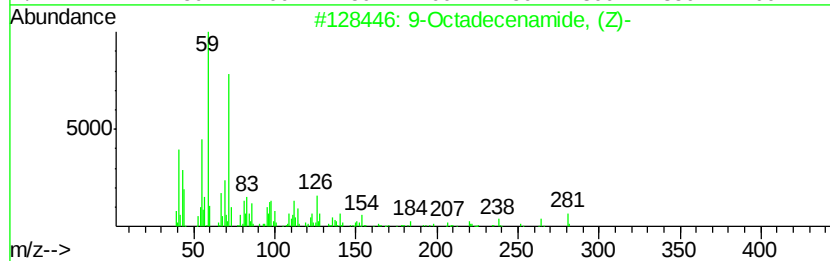
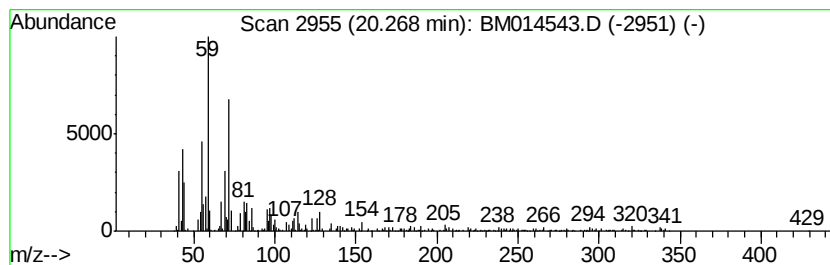
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	10.12 ng/ul	758903	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
5		Dodecanamide	199	C12H25NO	001120-16-7	64



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Data File : BM014543.D
Acq On : 13 Mar 2018 12:37
Operator : SJ/JU
Sample : J1835-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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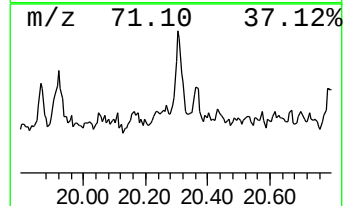
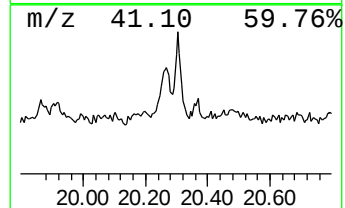
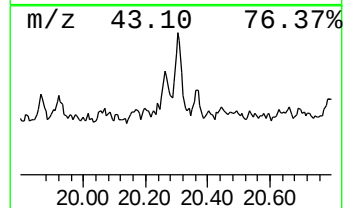
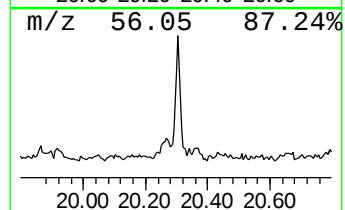
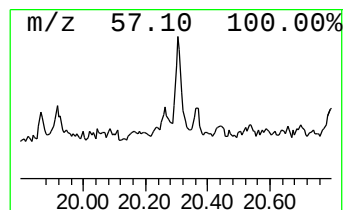
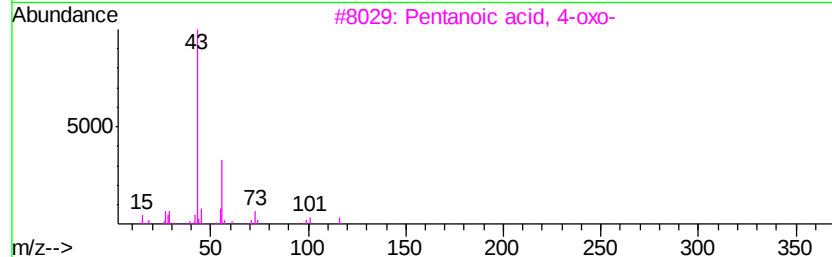
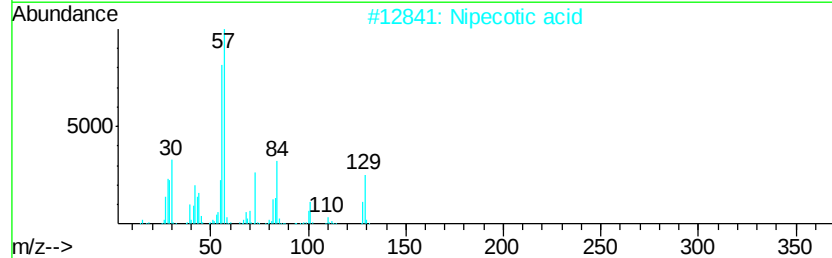
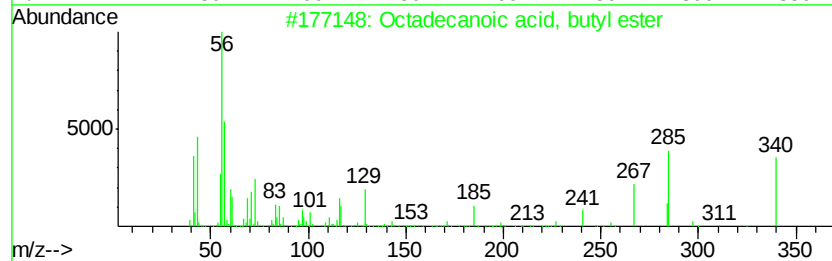
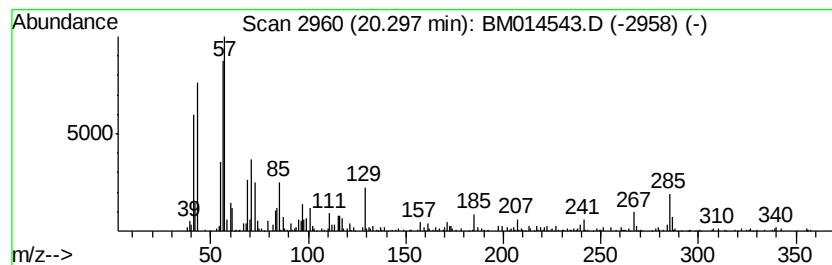
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	12.93 ng/ul	969308	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	92
2		Nipecotic acid	129	C6H11NO2	000498-95-3	43
3		Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35
4		Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35
5		Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014543.D
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Sample : J1835-11
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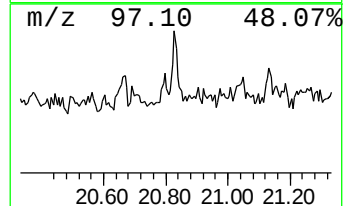
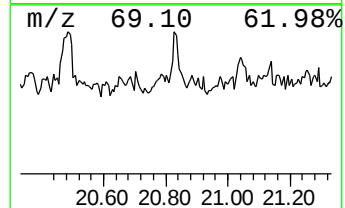
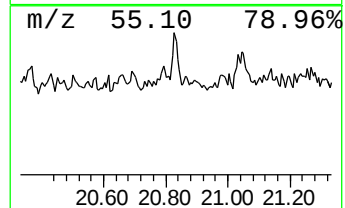
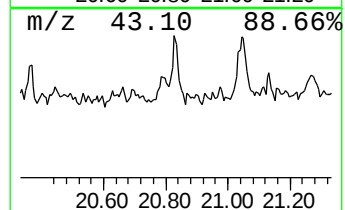
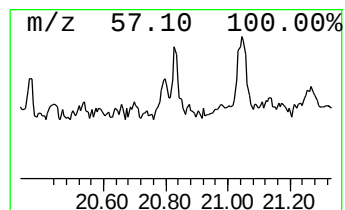
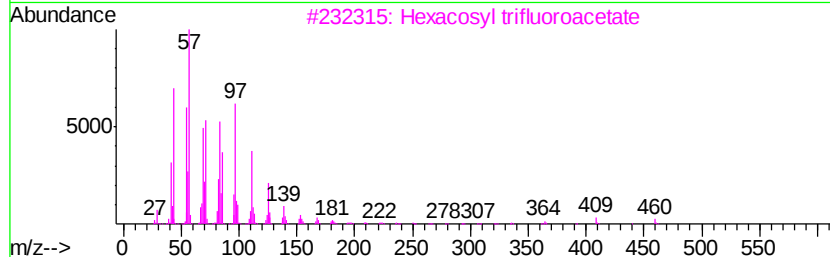
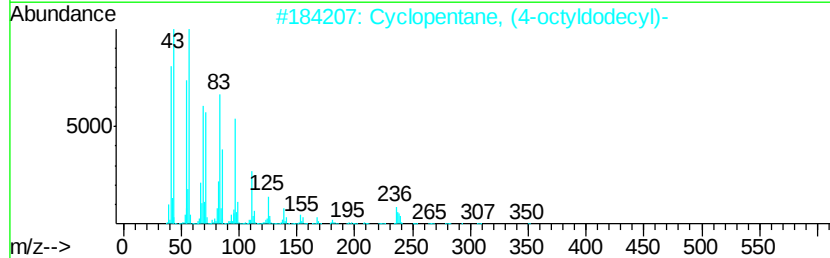
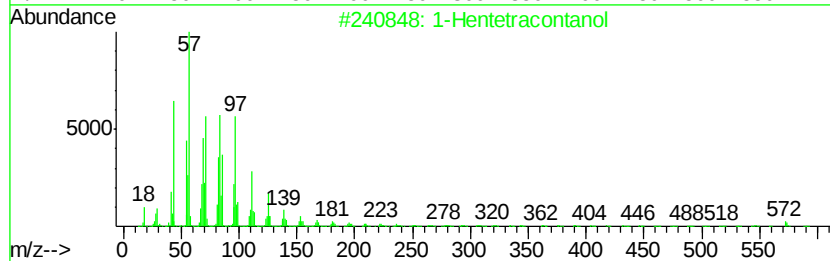
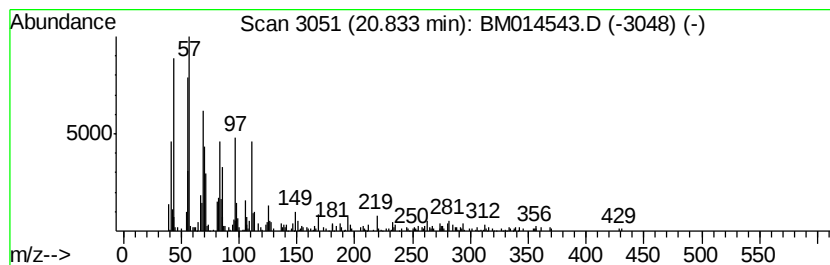
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 1-Hentetracontanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.48 ng/ul	410785	Chrysene-d12	21.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hentetracontanol	593 C41H84O	040710-42-7	83
2	Cyclopentane, (4-octyldodecyl)-	350 C25H50	005638-09-5	80
3	Hexacosyl trifluoroacetate	478 C28H53F3O2	1000351-75-0	80
4	1-Octadecene	252 C18H36	000112-88-9	62
5	Pentadec-7-ene, 7-bromomethyl-	302 C16H31Br	1000259-58-5	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031318\
 Data File : BM014543.D
 Acq On : 13 Mar 2018 12:37
 Operator : SJ/JU
 Sample : J1835-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
(DEL) Alkane: Cyc...	10.70	2.0	ng/ul	72671	2	10.24	725860	20.0
(DEL) Alkane: Str...	11.25	4.7	ng/ul	171982	2	10.24	725860	20.0
(DEL) Alkane: Cyc...	11.50	2.5	ng/ul	92324	2	10.24	725860	20.0
unknown-01	11.79	7.7	ng/ul	280310	2	10.24	725860	20.0
2,2,4-Trimethyl-1...	12.46	2.3	ng/ul	130134	3	14.14	1116860	20.0
(DEL) Alkane: Str...	12.64	5.7	ng/ul	317663	3	14.14	1116860	20.0
Propanoic acid, 2...	12.72	2.5	ng/ul	139508	3	14.14	1116860	20.0
6-Bromohexanoic a...	12.91	3.3	ng/ul	183795	3	14.14	1116860	20.0
Oxalic acid, cycl...	12.96	2.3	ng/ul	126480	3	14.14	1116860	20.0
(DEL) Alkane: Str...	14.54	2.9	ng/ul	160325	3	14.14	1116860	20.0
(DEL) Alkane: Cyc...	14.66	4.8	ng/ul	265867	3	14.14	1116860	20.0
(DEL) Alkane: Str...	15.40	13.0	ng/ul	726636	3	14.14	1116860	20.0
(DEL) Alkane: Cyc...	15.61	3.1	ng/ul	230119	4	16.90	1481060	20.0
(DEL) Alkane: Str...	15.89	14.6	ng/ul	1078290	4	16.90	1481060	20.0
(DEL) Alkane: Str...	16.71	19.7	ng/ul	1458730	4	16.90	1481060	20.0
n-Hexadecanoic acid	17.82	30.8	ng/ul	2279800	4	16.90	1481060	20.0
unknown-02	18.15	3.6	ng/ul	264895	4	16.90	1481060	20.0
Octadecanoic acid	19.11	43.3	ng/ul	3247470	5	21.12	1499540	20.0
Hexadecanoic acid...	19.25	12.3	ng/ul	921373	5	21.12	1499540	20.0
9-Octadecenamide, ...	20.27	10.1	ng/ul	758903	5	21.12	1499540	20.0
Octadecanoic acid...	20.30	12.9	ng/ul	969308	5	21.12	1499540	20.0
1-Hentetracontanol	20.83	5.5	ng/ul	410785	5	21.12	1499540	20.0