

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012598.D
 Acq On : 31 Oct 2017 05:58
 Operator : SJ/JU
 Sample : I5786-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-8(1.5-2.5)_101017

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-BM102417.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	7.028	662	670	686	rVB2	1555622	2971271	30.62%	2.425%
2	7.193	691	698	704	rBV	1135392	1788841	18.43%	1.460%
3	7.393	722	732	741	rBV	1603940	2578492	26.57%	2.105%
4	7.857	803	811	818	rVB	1297523	2072248	21.35%	1.692%
5	8.563	925	931	938	rBV	1858569	2912974	30.02%	2.378%
6	9.010	1001	1007	1016	rBV	1404071	2317383	23.88%	1.892%
7	9.734	1121	1130	1136	rBV	1275430	2151689	22.17%	1.756%
8	10.275	1214	1222	1232	rVB	1975509	3349347	34.51%	2.734%
9	10.651	1276	1286	1299	rBV	1651263	3029637	31.22%	2.473%
10	10.787	1302	1309	1316	rBV	630999	1271396	13.10%	1.038%
11	11.345	1395	1404	1410	rBV4	148991	296918	3.06%	0.242%
12	11.675	1455	1460	1464	rBV2	147749	268266	2.76%	0.219%
13	11.963	1500	1509	1519	rVB	765529	1403389	14.46%	1.146%
14	12.986	1679	1683	1687	rBV7	119552	264976	2.73%	0.216%
15	13.028	1687	1690	1696	rVB3	334498	548325	5.65%	0.448%
16	13.275	1727	1732	1735	rBV	1004074	1438352	14.82%	1.174%
17	13.898	1833	1838	1843	rBV	3568217	5545503	57.14%	4.527%
18	13.945	1843	1846	1849	rVB	1438770	1734944	17.88%	1.416%
19	14.139	1875	1879	1882	rBV2	604373	913414	9.41%	0.746%
20	14.180	1882	1886	1892	rVV	3493048	5401284	55.66%	4.409%
21	14.286	1900	1904	1907	rVB	809570	993535	10.24%	0.811%
22	14.322	1907	1910	1916	rVB	814484	1106515	11.40%	0.903%
23	14.392	1918	1922	1926	rBV2	698655	986301	10.16%	0.805%
24	14.463	1929	1934	1935	rVV3	709496	1108512	11.42%	0.905%
25	14.492	1935	1939	1947	rVB2	2572052	4162122	42.89%	3.398%
26	14.692	1969	1973	1983	rVB	1245782	2089818	21.53%	1.706%
27	15.280	2070	2073	2079	rVB2	570534	699742	7.21%	0.571%
28	15.339	2081	2083	2087	rVV	557391	639072	6.59%	0.522%
29	15.480	2103	2107	2113	rVB	4642426	6709335	69.14%	5.477%
30	15.845	2165	2169	2174	rVB	3086130	4027148	41.50%	3.287%
31	16.227	2227	2234	2246	rBV	2014229	4376988	45.10%	3.573%
32	16.992	2362	2364	2368	rVB	1049382	1093008	11.26%	0.892%
33	17.051	2370	2374	2384	rVB2	1971371	3227400	33.26%	2.635%
34	17.233	2401	2405	2409	rBV2	3311506	4867498	50.16%	3.973%

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35	17.274	2409	2412	2418	rVB	3657155	5023149	51.76%	4.100%
36	17.333	2418	2422	2426	rBV	4957259	6495458	66.93%	5.302%
37	18.139	2556	2559	2570	rVB4	2361977	4476891	46.13%	3.655%
38	19.292	2752	2755	2762	rVB	6687490	8875220	91.46%	7.245%
39	19.627	2809	2812	2815	rBV	6964418	9704338	100.00%	7.922%
40	21.409	3110	3115	3119	rBV2	5095200	9581868	98.74%	7.822%

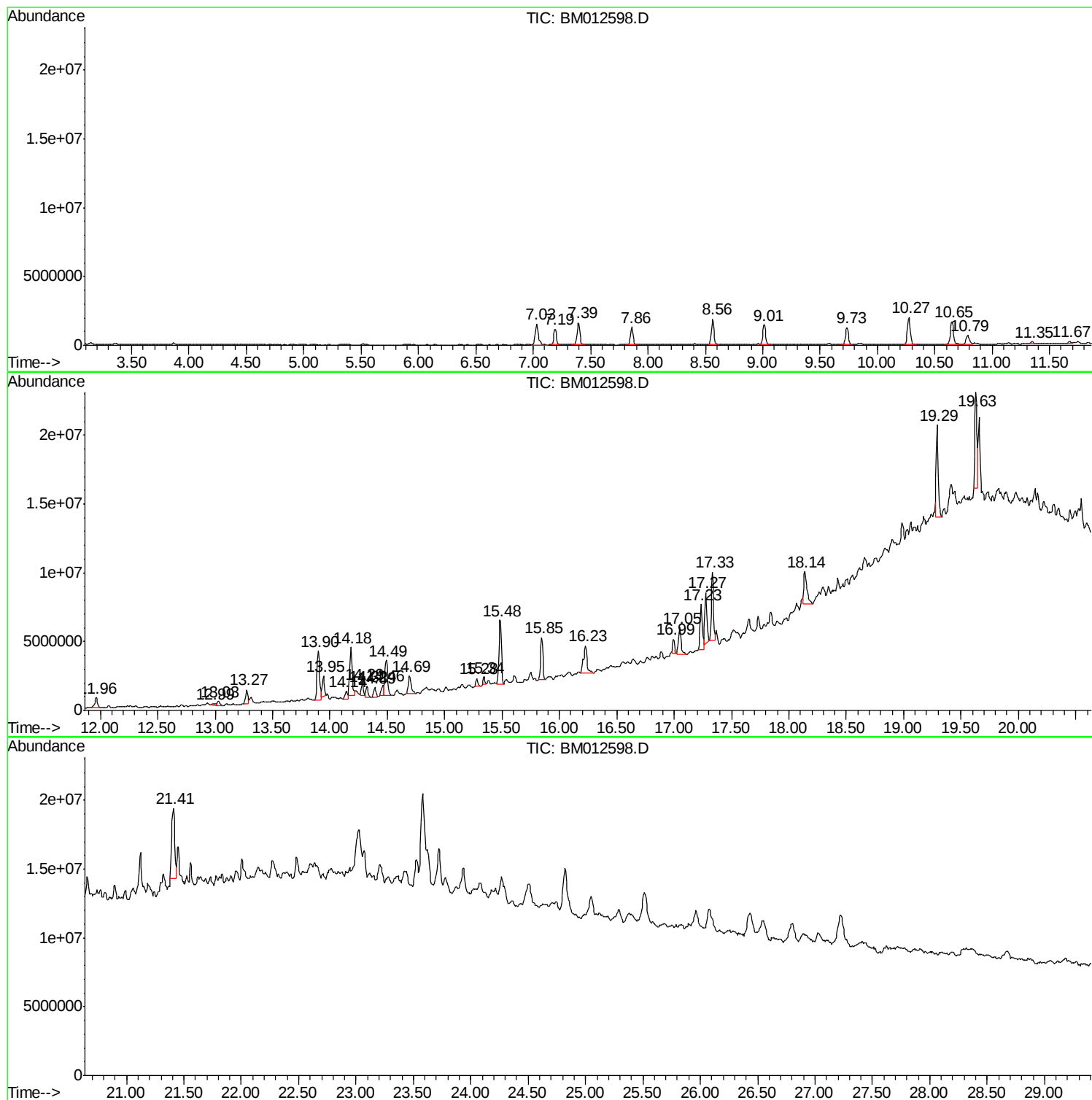
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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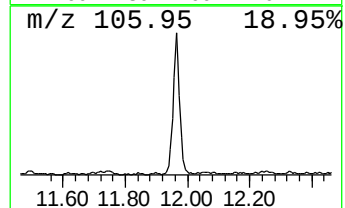
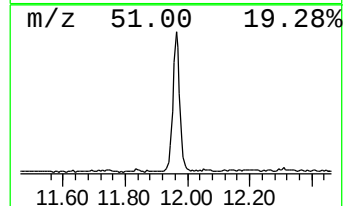
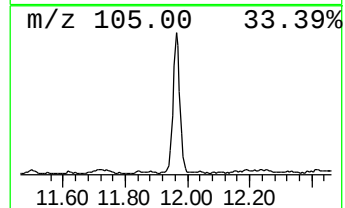
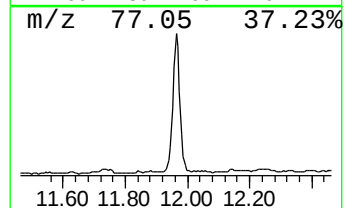
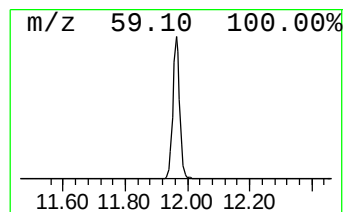
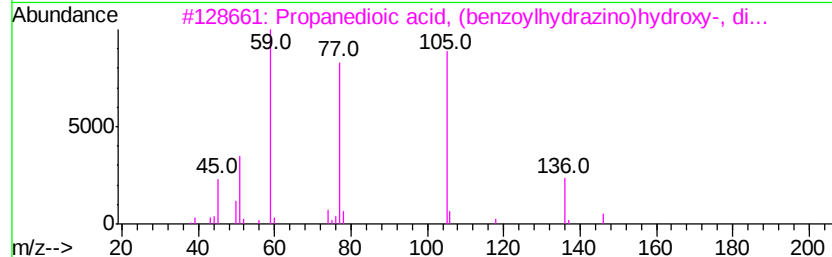
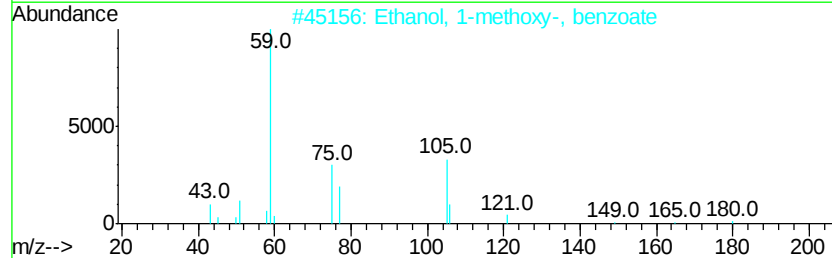
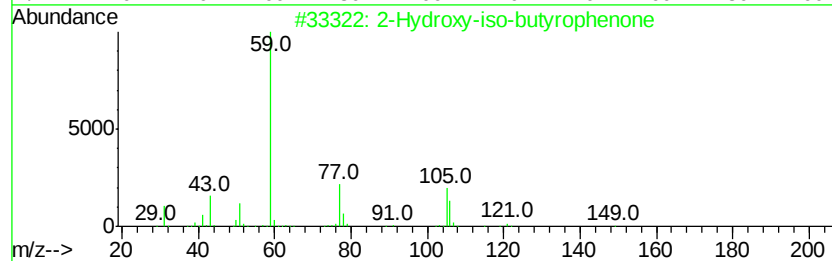
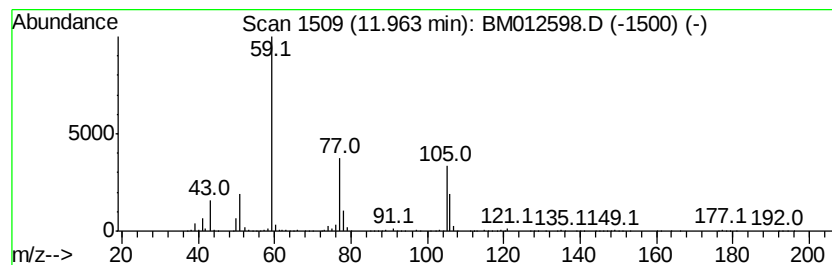
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TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.96	9.26 ng/ul	1403390	Napthalene-d8	10.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butvrophenone	164	C10H12O2	007473-98-5	78	
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56	
3	Propanedioic acid, (benzoylhvdra...	282	C12H14N2O6	1000142-99-9	50	
4	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23	
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	16	



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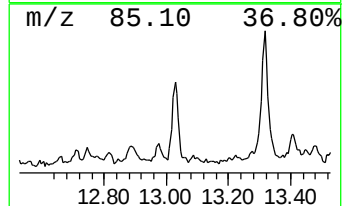
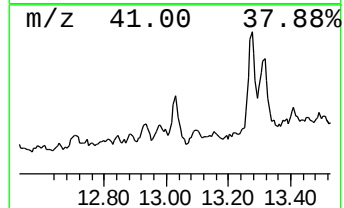
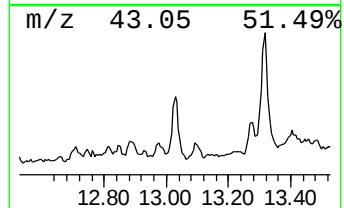
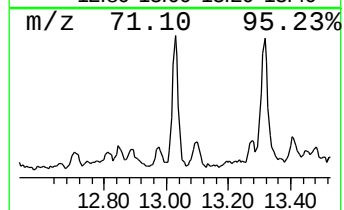
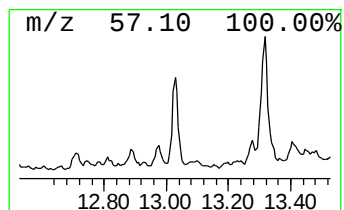
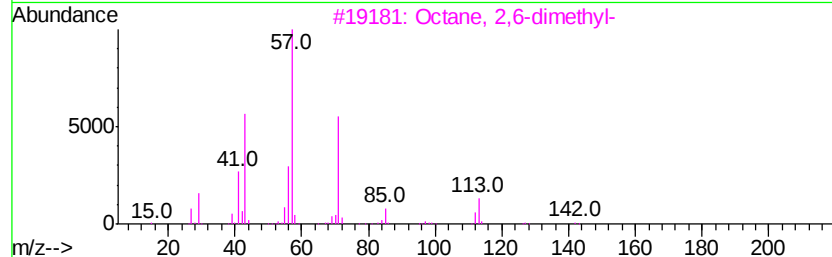
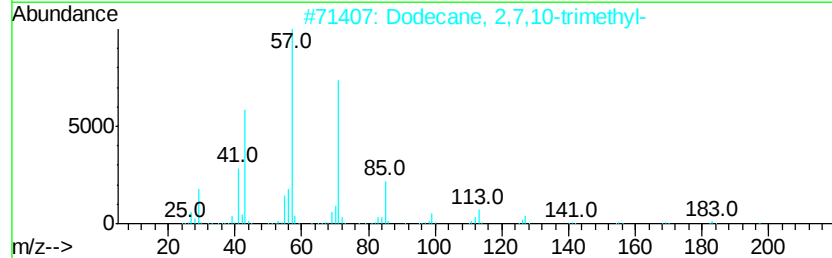
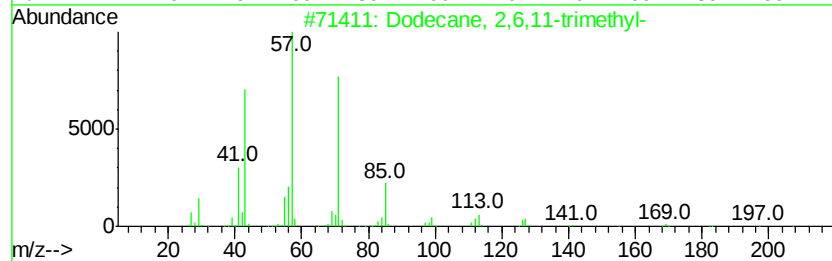
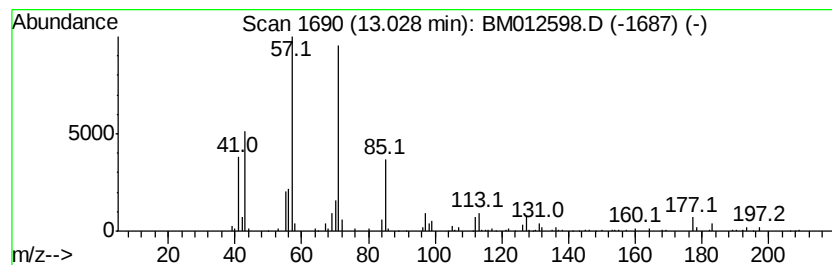
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.63 ng/ul	548325	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53



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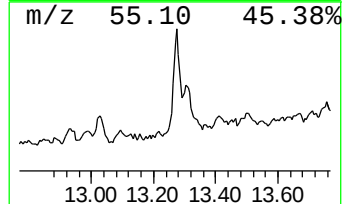
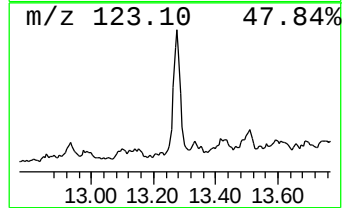
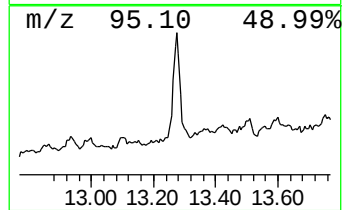
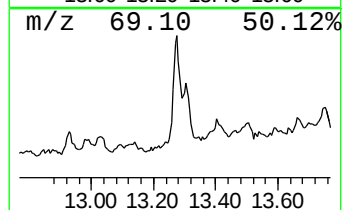
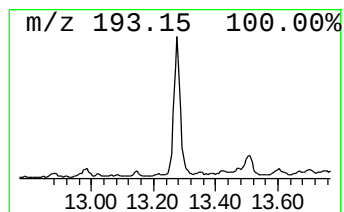
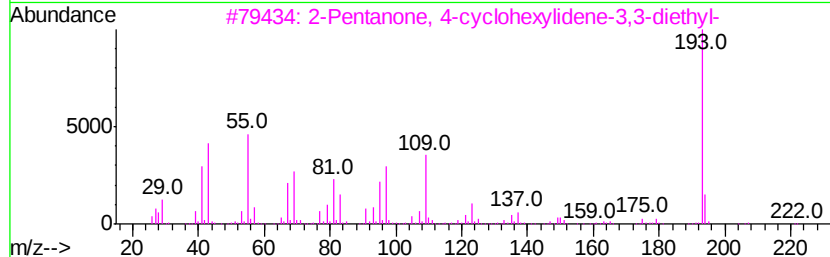
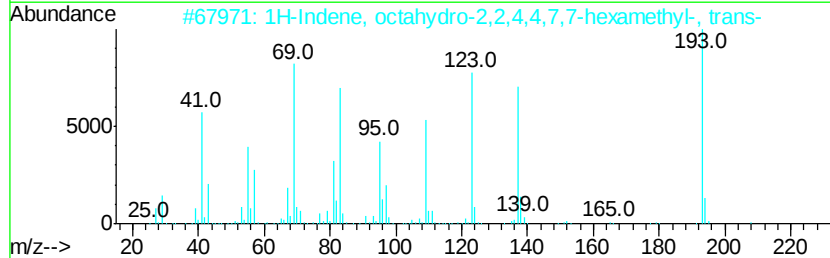
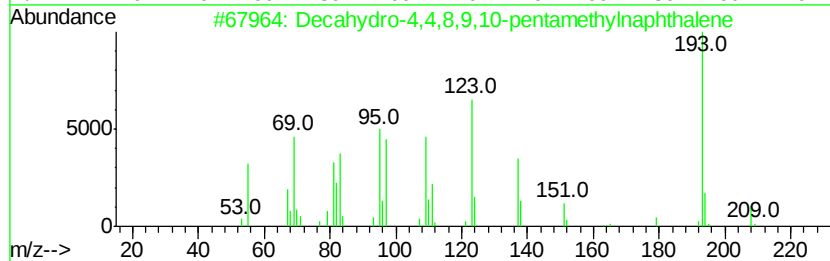
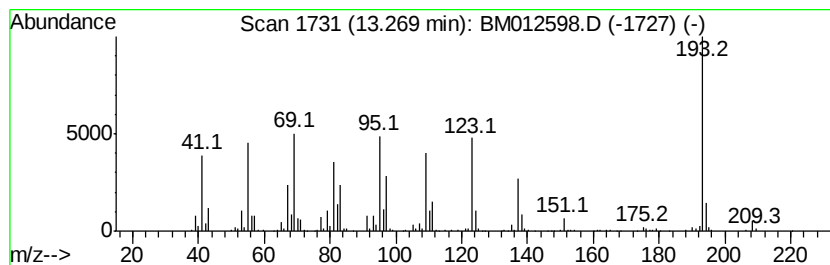
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.91 ng/ul	1438350	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	96
2		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
4		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	28
5		Iminostilbene	193	C14H11N	000256-96-2	22



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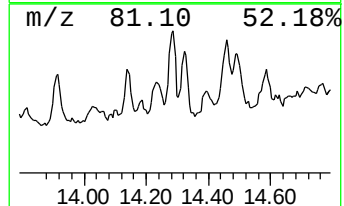
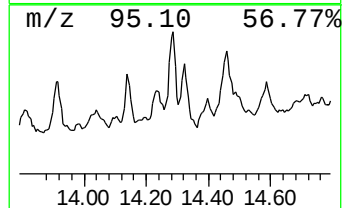
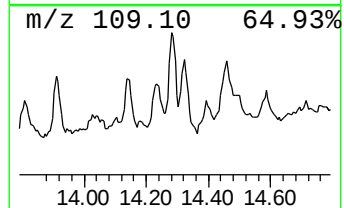
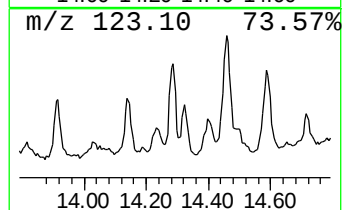
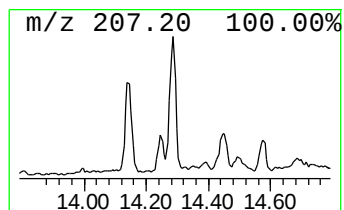
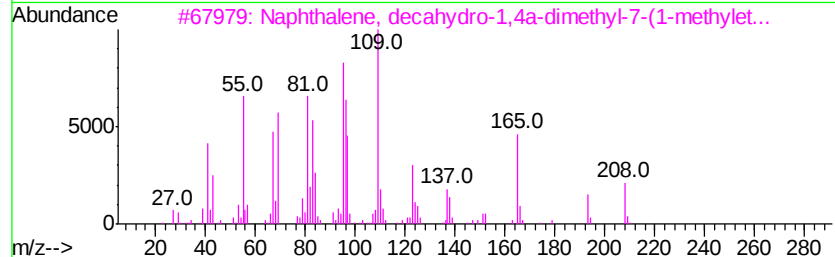
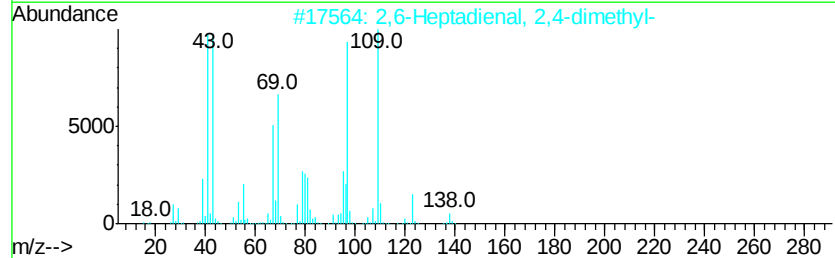
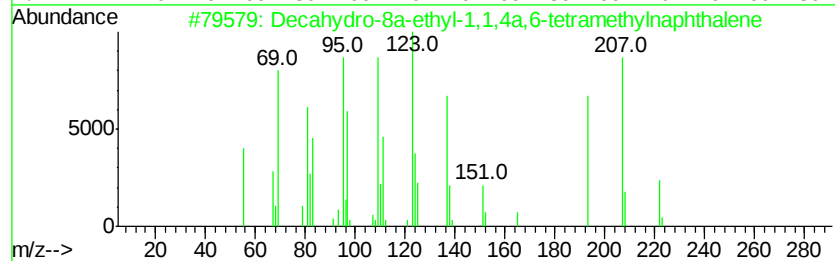
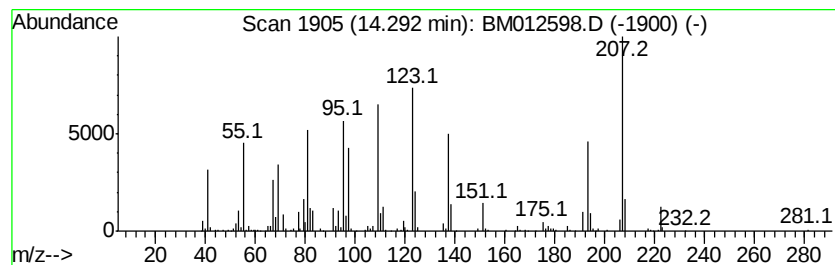
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Peak Number 4 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.77 ng/ul	993535	Acenaphthene-d10	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-8a-ethyl-1,1,4a,6-tetr...	222 C16H30	1000100-23-6 83
2		2,6-Heptadienal, 2,4-dimethyl-	138 C9H14O	085136-08-9 25
3		Naphthalene, decahydro-1,4a-dime...	208 C15H28	030824-81-8 22
4		photocitral B	152 C10H16O	006040-45-5 20
5		2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208 C14H24O	1000215-77-9 18



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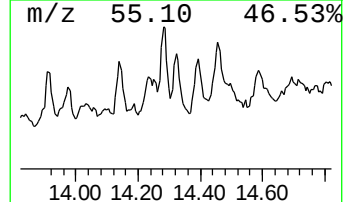
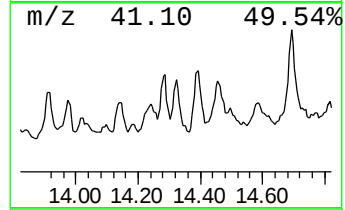
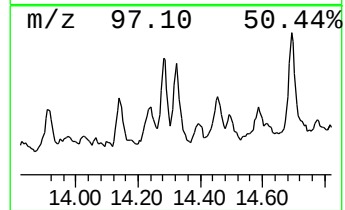
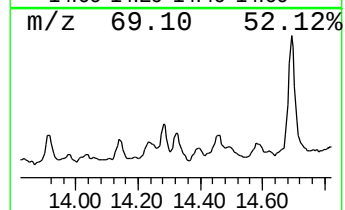
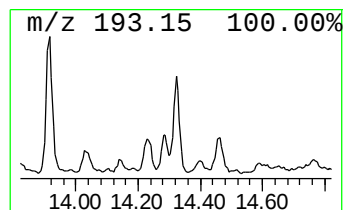
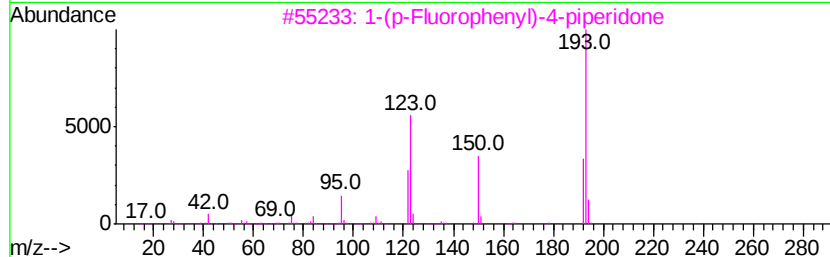
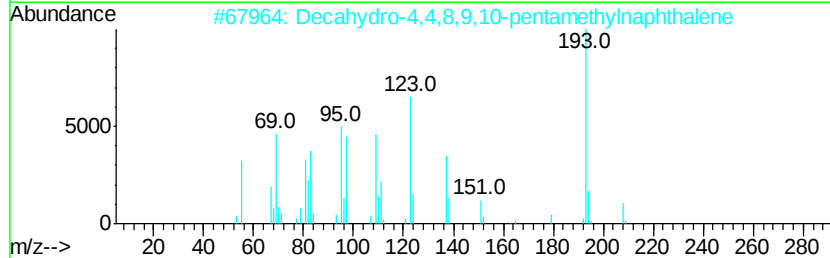
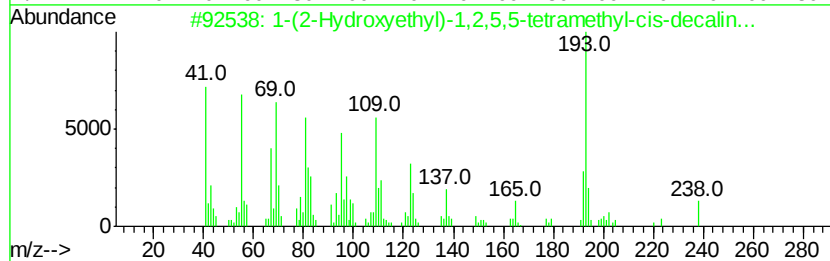
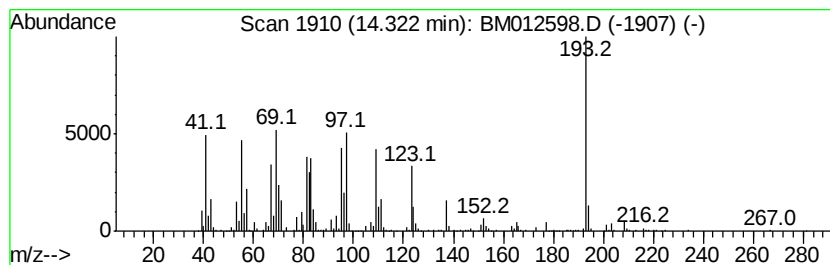
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1-(2-Hydroxyethyl)-1,2,5,5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	5.32 ng/ul	1106520	Acenaphthene-d10	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238 C16H300	1000298-97-4 50
2		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 43
3		1-(p-Fluorophenyl)-4-piperidone	193 C11H12FN0	1000238-56-7 38
4		4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208 C12H21B02	074630-04-9 38
5		3-Phenylindole	193 C14H11N	001504-16-1 30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
Operator : SJ/JU
Sample : I5786-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-8(1.5-2.5)_101017

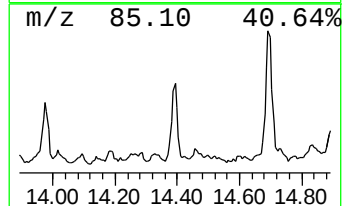
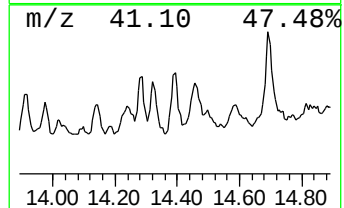
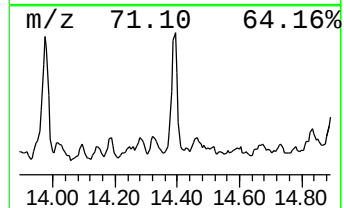
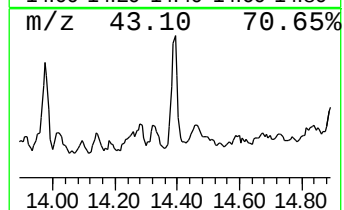
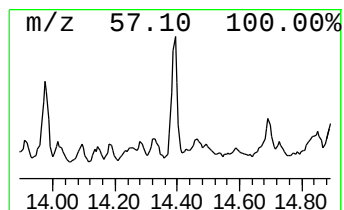
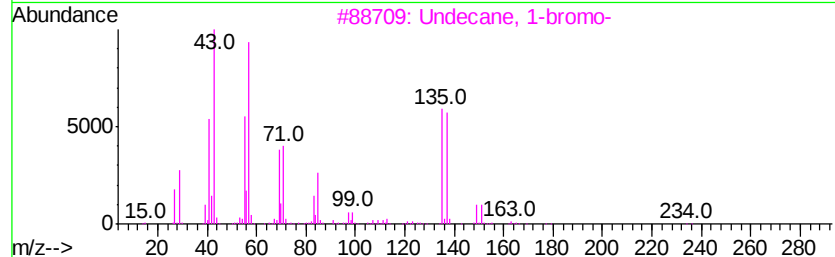
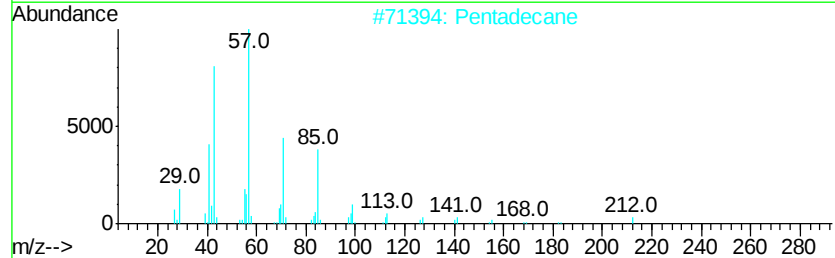
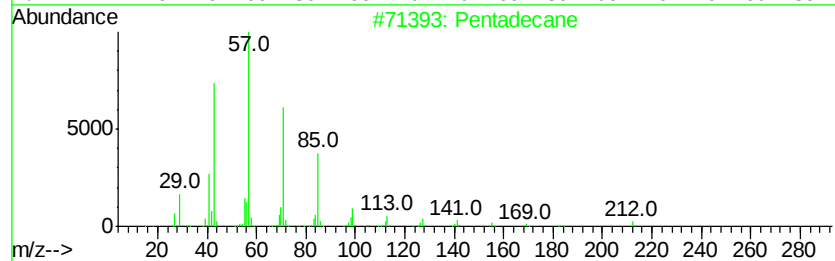
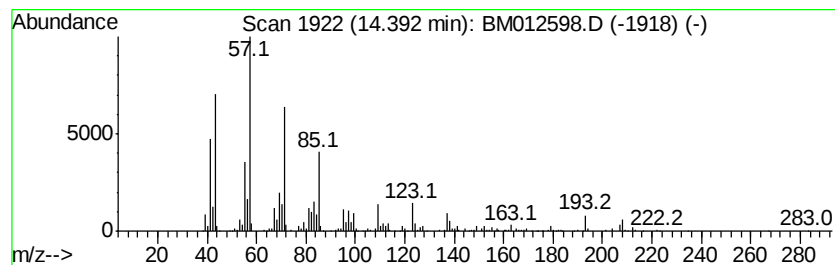
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.74 ng/ul	986301	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	83
2		Pentadecane	212	C15H32	000629-62-9	83
3		Undecane, 1-bromo-	234	C11H23Br	000693-67-4	68
4		10-Methylnonadecane	282	C20H42	056862-62-5	62
5		Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
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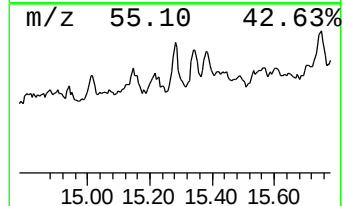
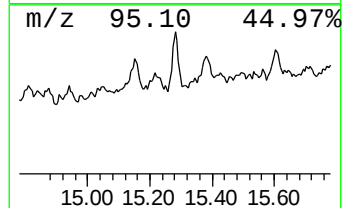
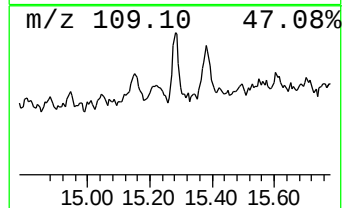
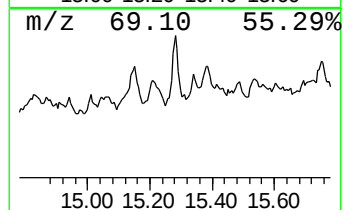
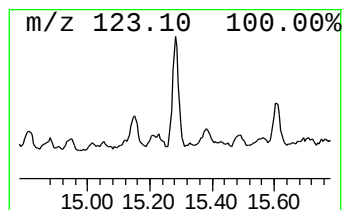
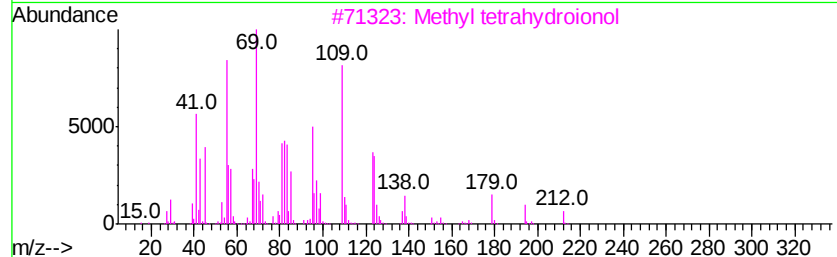
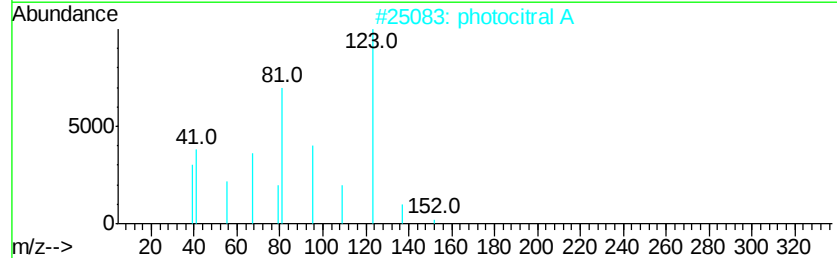
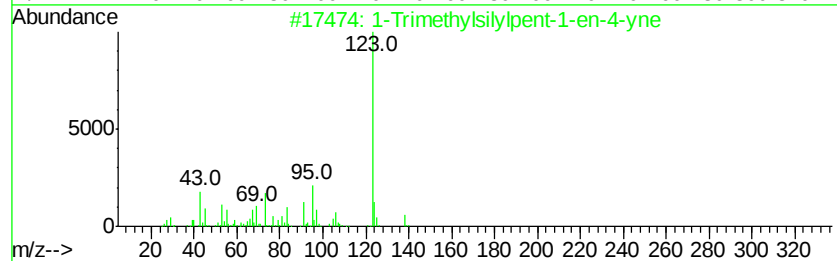
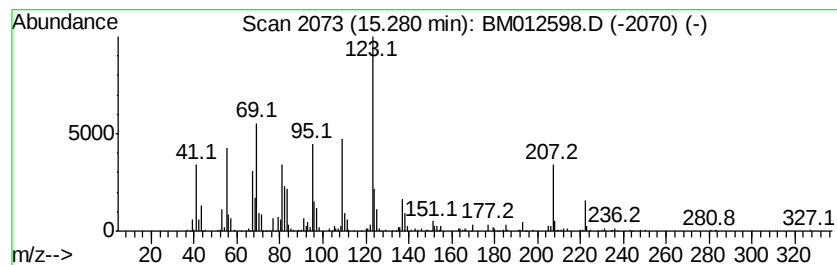
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	3.36 ng/ul	699742	Acenaphthene-d10	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9	43
2	photocitral A	152 C10H16O	055253-28-6	43
3	Methyl tetrahydroionol	212 C14H28O	060241-53-4	41
4	Benzamide, 4-fluoro-N-methyl-	193 C11H12FN0	1000340-31-9	38
5	2,6-Naphthalenedione, octahydro-	208 C13H20O2	057289-16-4	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
Operator : SJ/JU
Sample : I5786-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-8(1.5-2.5)_101017

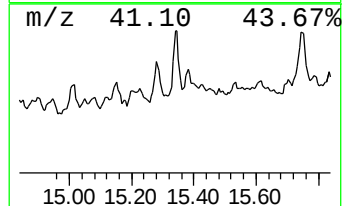
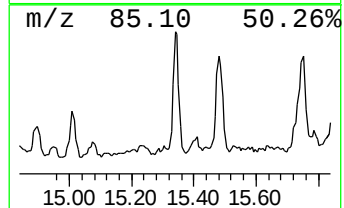
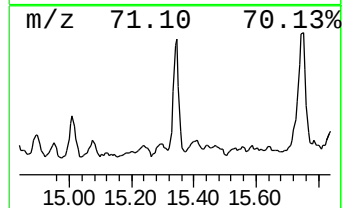
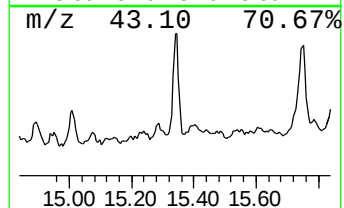
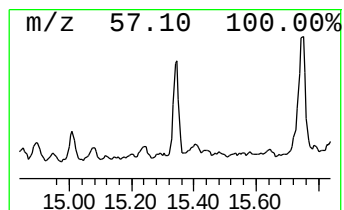
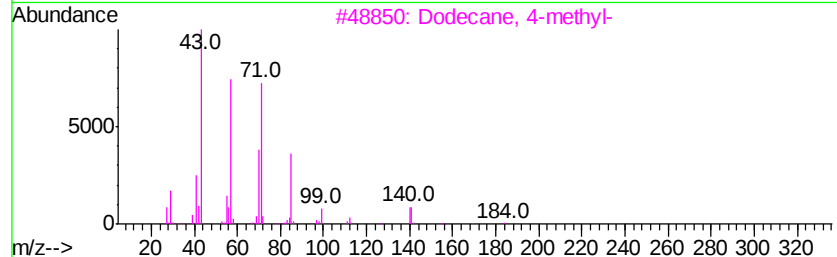
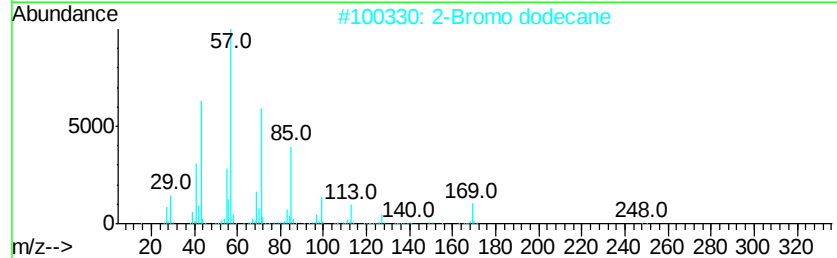
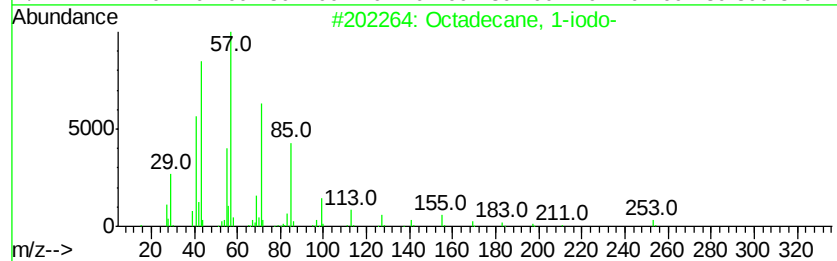
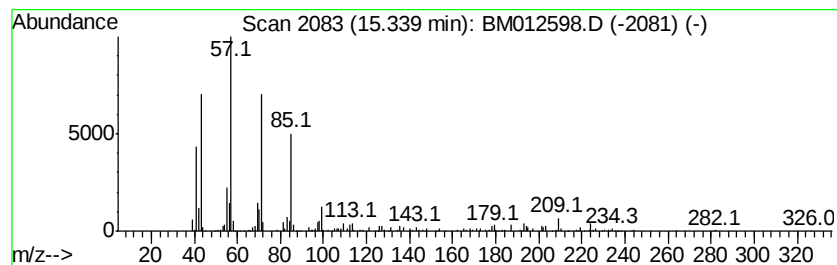
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.07 ng/ul	639072	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
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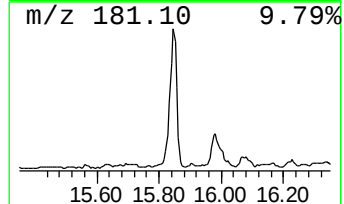
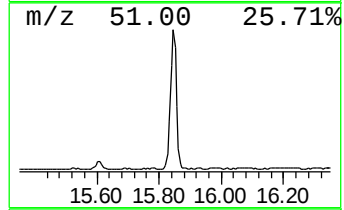
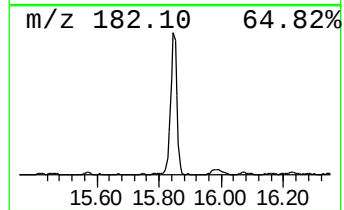
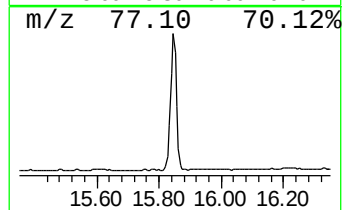
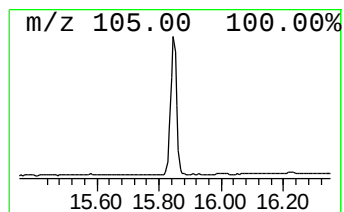
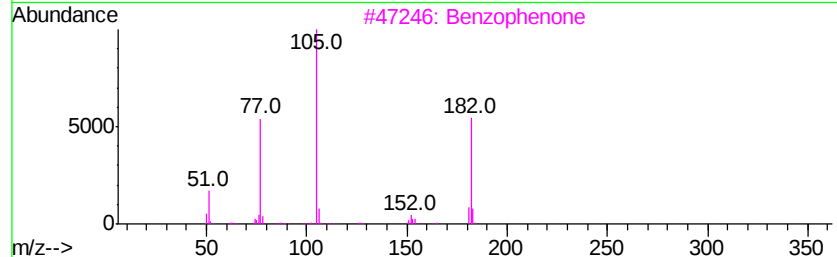
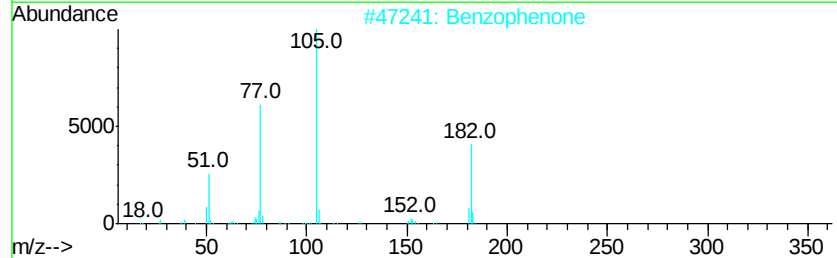
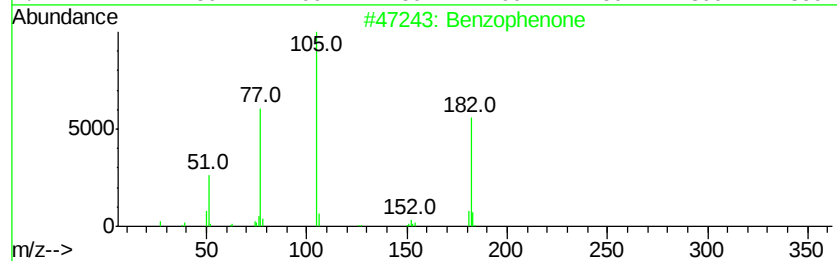
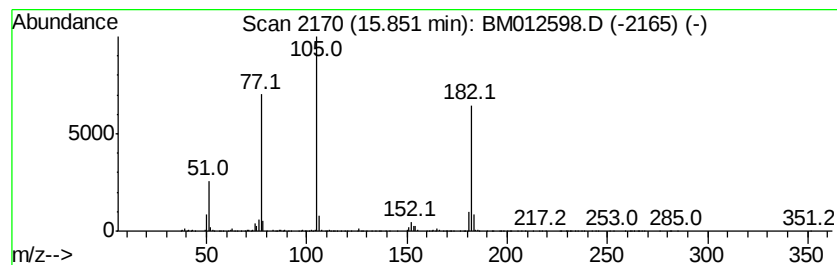
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	19.35 ng/ul	4027150	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	91
5		Benzophenone	182	C13H10O	000119-61-9	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
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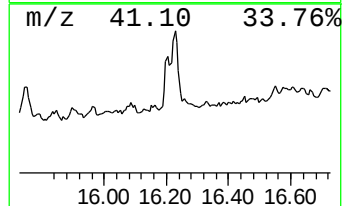
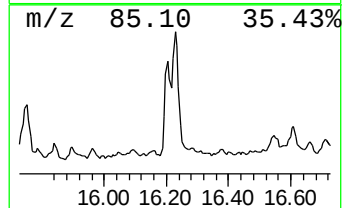
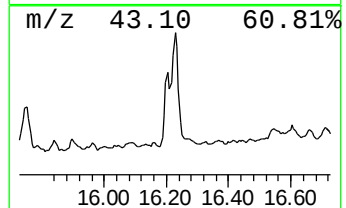
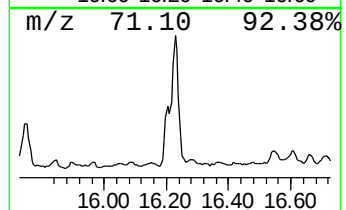
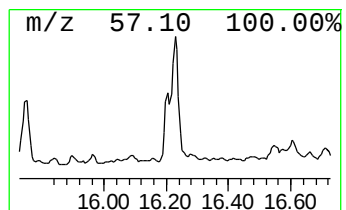
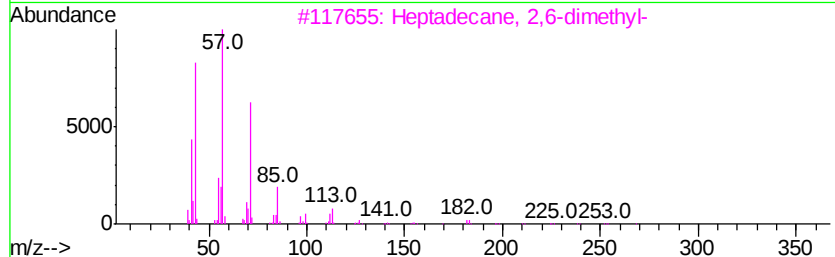
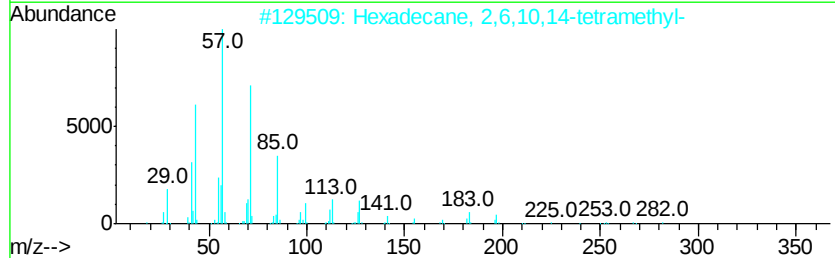
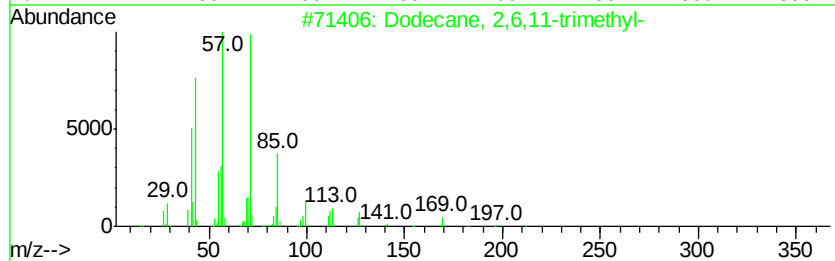
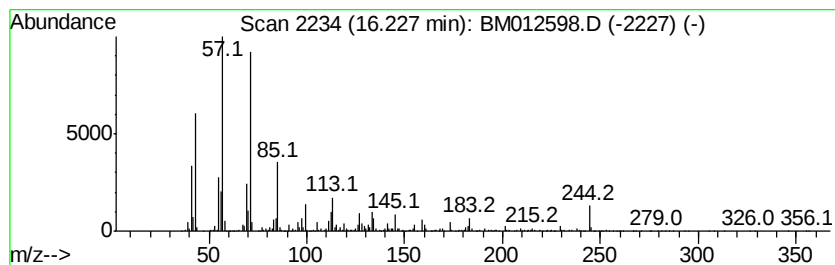
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	17.98 ng/ul	4376990	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	74
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
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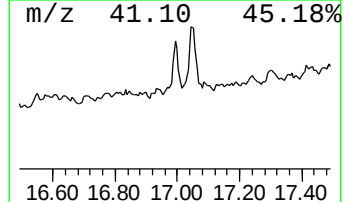
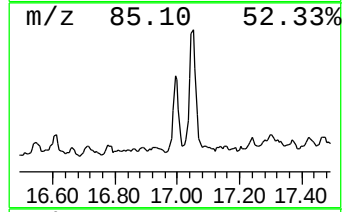
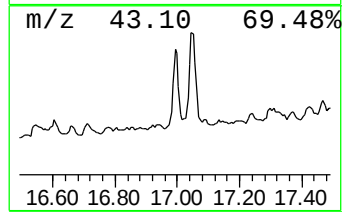
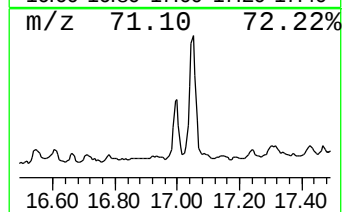
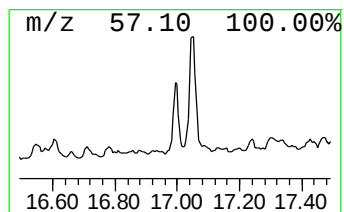
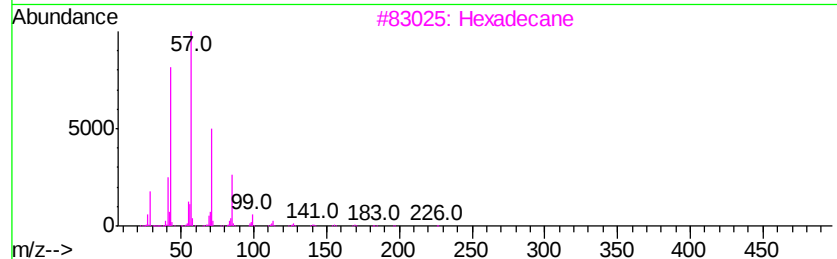
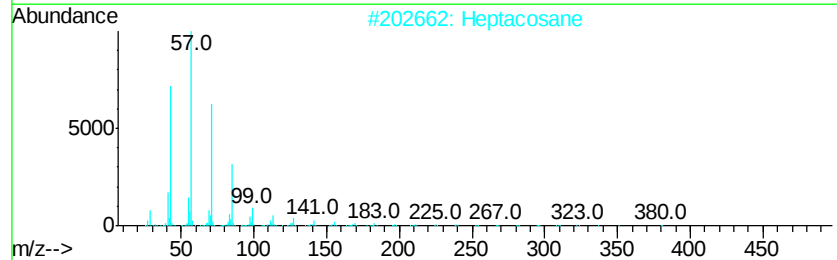
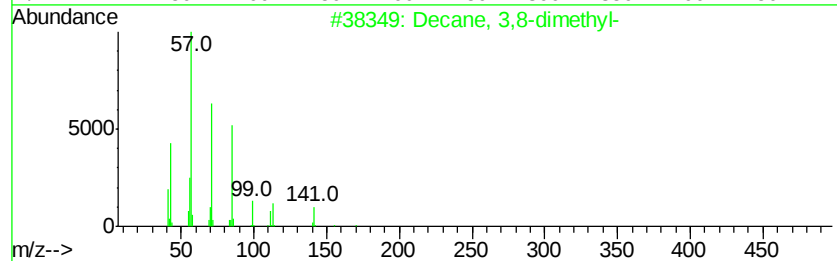
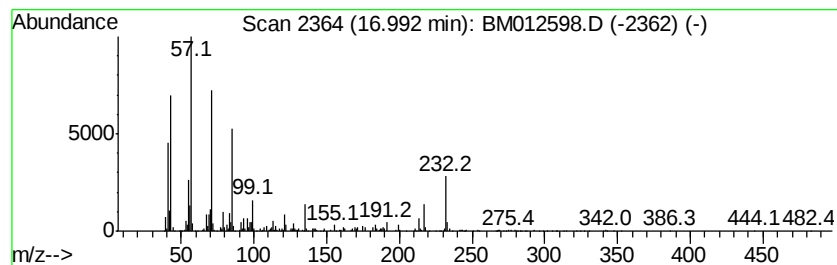
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.49 ng/ul	1093010	Phenanthrene-d10	17.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
2			Heptacosane	380	C27H56	000593-49-7	49
3			Hexadecane	226	C16H34	000544-76-3	46
4			Hexadecane	226	C16H34	000544-76-3	46
5			Eicosane	282	C20H42	000112-95-8	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-8(1.5-2.5)_101017

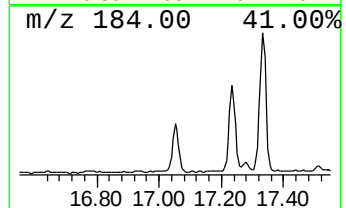
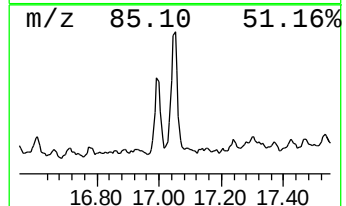
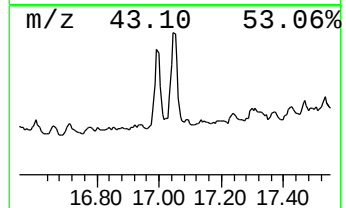
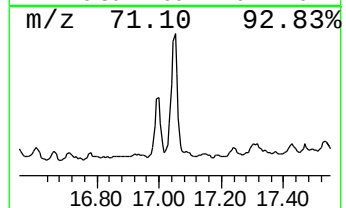
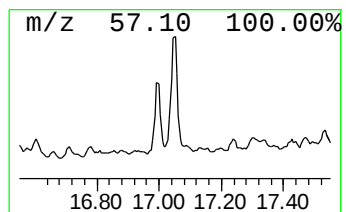
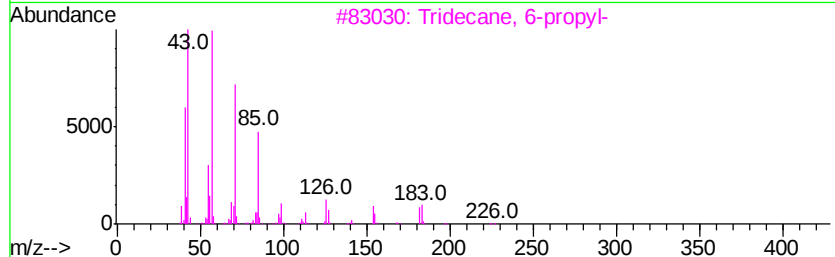
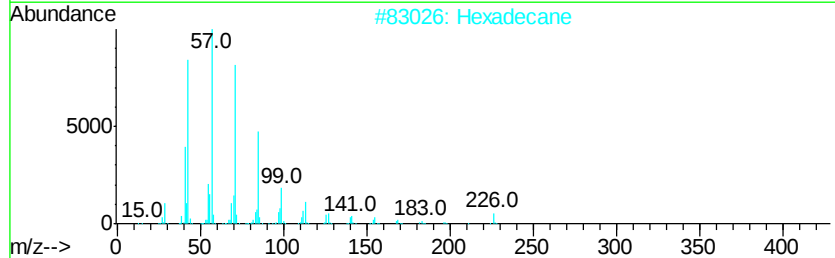
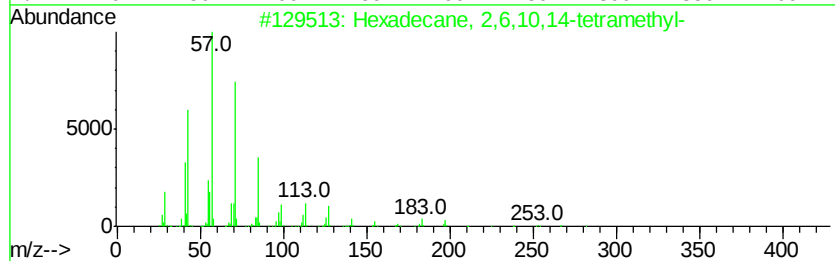
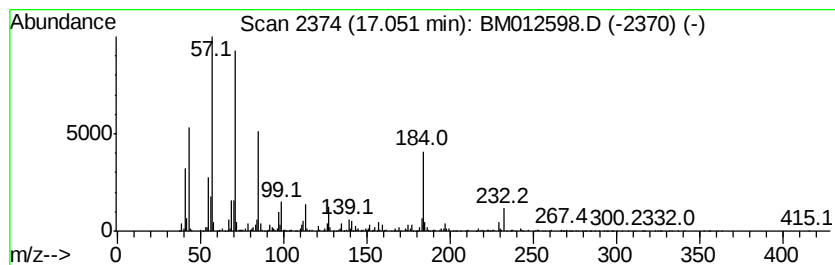
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	13.26 ng/ul	3227400	Phenanthrene-d10	17.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	97
2			Hexadecane	226	C16H34	000544-76-3	89
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
4			Heneicosane	296	C21H44	000629-94-7	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
Operator : SJ/JU
Sample : I5786-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-8(1.5-2.5)_101017

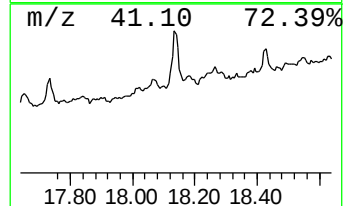
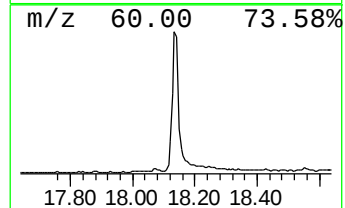
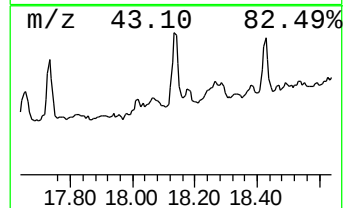
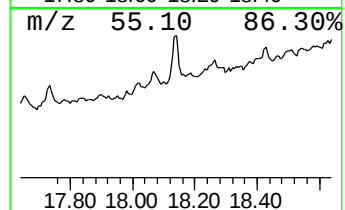
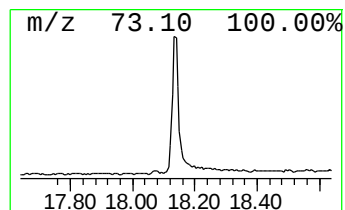
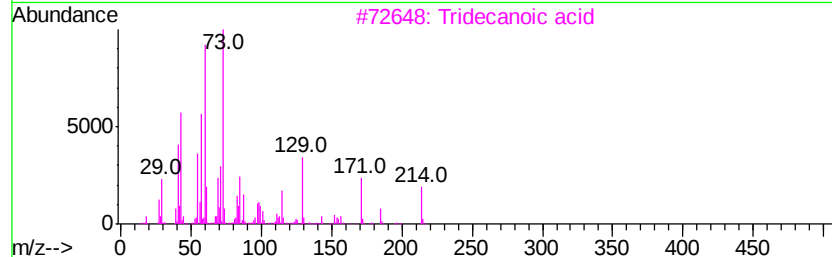
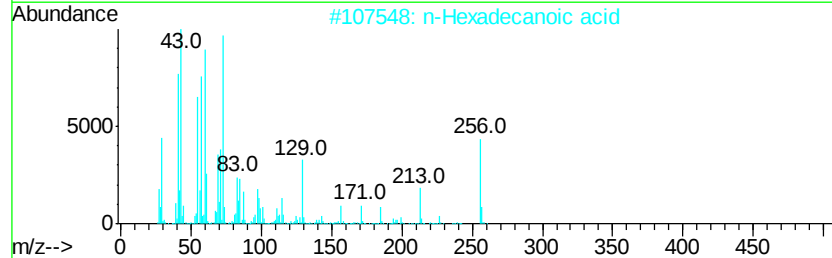
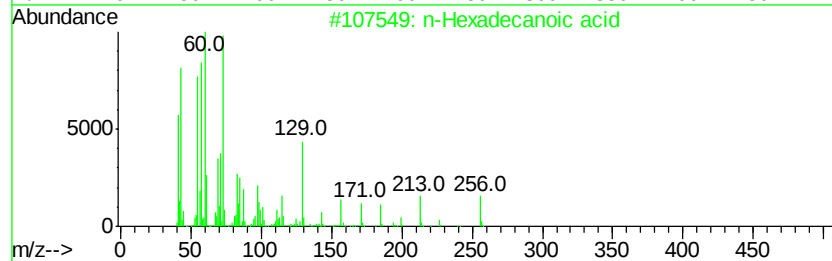
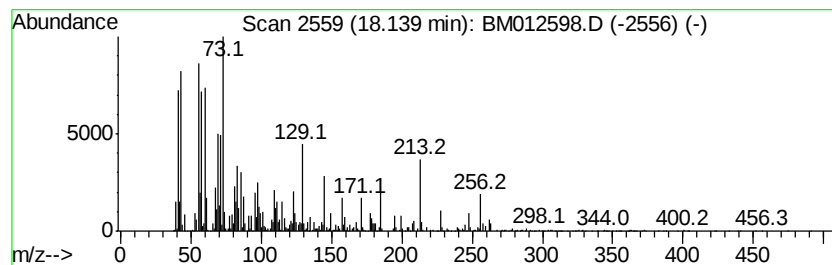
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	18.40 ng/ul	4476890	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
Operator : SJ/JU
Sample : I5786-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-8(1.5-2.5)_101017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
2-Hydroxy-iso-but...	11.96	9.3	ng/ul	1403390	2	10.65	3029640	20.0
(DEL) Alkane: Str...	13.03	2.6	ng/ul	548325	3	14.49	4162120	20.0
Decahydro-4,4,8,9...	13.27	6.9	ng/ul	1438350	3	14.49	4162120	20.0
Decahydro-8a-ethy...	14.29	4.8	ng/ul	993535	3	14.49	4162120	20.0
1-(2-Hydroxyethyl...	14.32	5.3	ng/ul	1106520	3	14.49	4162120	20.0
(DEL) Alkane: Str...	14.39	4.7	ng/ul	986301	3	14.49	4162120	20.0
unknown-01	15.28	3.4	ng/ul	699742	3	14.49	4162120	20.0
(DEL) Alkane: Str...	15.34	3.1	ng/ul	639072	3	14.49	4162120	20.0
Benzophenone	15.85	19.4	ng/ul	4027150	3	14.49	4162120	20.0
(DEL) Alkane: Str...	16.23	18.0	ng/ul	4376990	4	17.23	4867500	20.0
(DEL) Alkane: Str...	16.99	4.5	ng/ul	1093010	4	17.23	4867500	20.0
(DEL) Alkane: Str...	17.05	13.3	ng/ul	3227400	4	17.23	4867500	20.0
n-Hexadecanoic acid	18.14	18.4	ng/ul	4476890	4	17.23	4867500	20.0