

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014935.D
 Acq On : 02 May 2018 22:47
 Operator : SJ/JU
 Sample : J2631-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

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-BM041918.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	3.334	4	8	15	rVB	3248752	4067788	37.94%	2.978%
2	3.640	55	60	70	rVB	174946	253139	2.36%	0.185%
3	5.475	366	372	381	rBV	335082	520400	4.85%	0.381%
4	6.498	539	546	556	rBV	124022	207410	1.93%	0.152%
5	7.616	729	736	752	rBV2	2676192	5113435	47.69%	3.743%
6	7.798	760	767	779	rBV	2156249	3408426	31.79%	2.495%
7	8.010	796	803	812	rBV	2795447	4569108	42.61%	3.345%
8	8.492	877	885	901	rBV	1483831	2475190	23.08%	1.812%
9	8.622	901	907	913	rBV	290207	448215	4.18%	0.328%
10	9.192	996	1004	1015	rBV	2958599	4918949	45.87%	3.601%
11	9.675	1078	1086	1094	rBV	2533562	4278696	39.90%	3.132%
12	10.404	1201	1210	1226	rBV	2078905	3502146	32.66%	2.564%
13	10.939	1294	1301	1317	rBV	2981871	5143973	47.97%	3.765%
14	11.210	1335	1347	1352	rBV	81576	154307	1.44%	0.113%
15	11.333	1361	1368	1382	rBV	1903416	3378707	31.51%	2.473%
16	11.463	1382	1390	1409	rVV	2653527	4675059	43.60%	3.422%
17	12.145	1498	1506	1514	rBV2	125093	205668	1.92%	0.151%
18	14.492	1896	1905	1909	rBV	4744059	6608572	61.63%	4.837%
19	14.533	1909	1912	1918	rVB	738054	1006063	9.38%	0.736%
20	14.798	1950	1957	1968	rBV2	5547531	8331358	77.70%	6.098%
21	14.951	1977	1983	1987	rBV	270574	338855	3.16%	0.248%
22	15.098	2001	2008	2015	rVB2	2543572	3835411	35.77%	2.807%
23	15.257	2024	2035	2050	rBV	2046574	3147919	29.36%	2.304%
24	15.886	2137	2142	2147	rVB2	422347	536516	5.00%	0.393%
25	16.074	2167	2174	2181	rBV	6750506	9660212	90.09%	7.071%
26	16.180	2186	2192	2200	rBV	1929310	2753282	25.68%	2.015%
27	16.286	2204	2210	2213	rBV	93477	188429	1.76%	0.138%
28	16.510	2243	2248	2254	rVB3	80678	130902	1.22%	0.096%
29	16.739	2282	2287	2303	rBV	344498	563199	5.25%	0.412%
30	17.521	2415	2420	2424	rBV	166707	195143	1.82%	0.143%
31	17.809	2463	2469	2474	rBV2	2803117	4104358	38.28%	3.004%
32	17.851	2474	2476	2480	rVV	126000	166586	1.55%	0.122%
33	17.909	2480	2486	2495	rVB2	6618191	9632999	89.84%	7.051%
34	18.092	2507	2517	2521	rBV6	49345	120567	1.12%	0.088%

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35	18.639	2605	2610	2620	rBV	1166157	1711936	15.97%	1.253%
36	19.745	2794	2798	2800	rBV	101736	136183	1.27%	0.100%
37	19.786	2800	2805	2808	rVV2	140882	295352	2.75%	0.216%
38	19.821	2808	2811	2816	rVB	227912	289321	2.70%	0.212%
39	19.880	2816	2821	2831	rBV	642501	979080	9.13%	0.717%
40	20.150	2861	2867	2877	rVB	7859767	10514006	98.05%	7.696%
41	21.556	3103	3106	3115	rVB	1338439	2096873	19.56%	1.535%
42	21.768	3138	3142	3146	rBV	864519	1000981	9.34%	0.733%
43	21.897	3159	3164	3169	rBV	3026250	4183256	39.01%	3.062%
44	23.544	3440	3444	3449	rVB	478834	712970	6.65%	0.522%
45	24.221	3552	3559	3575	rVB	5019586	10722821	100.00%	7.849%
46	24.380	3580	3586	3603	rVB	2061099	4382629	40.87%	3.208%
47	24.909	3673	3676	3684	rVB	502655	947691	8.84%	0.694%

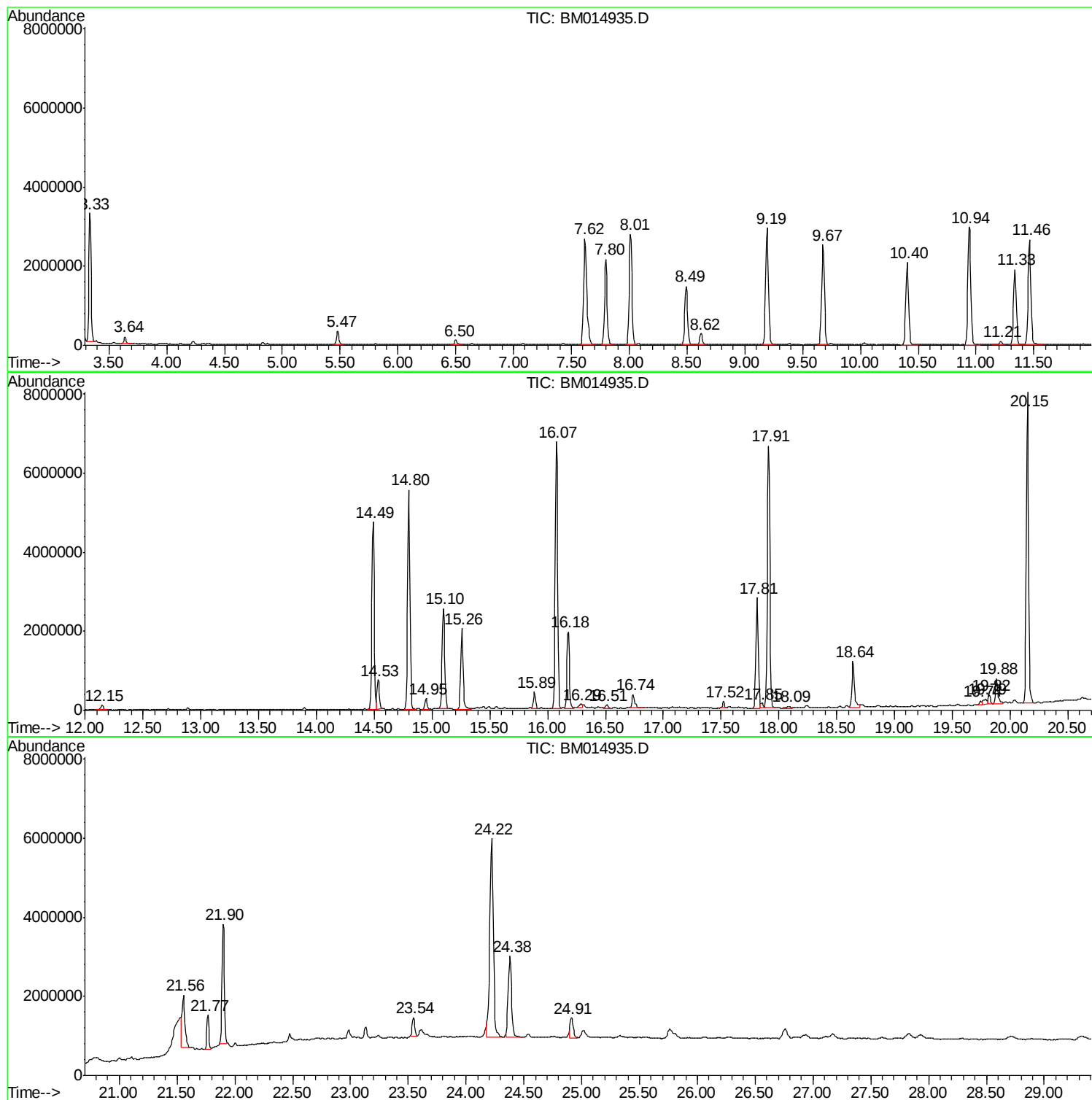
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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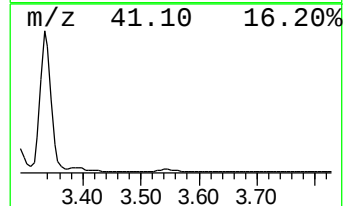
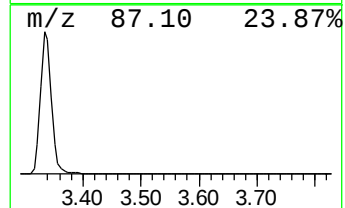
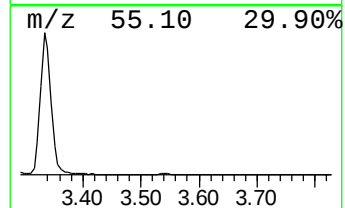
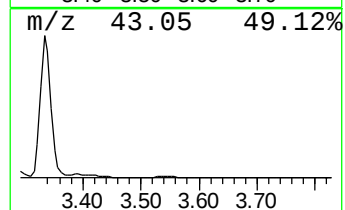
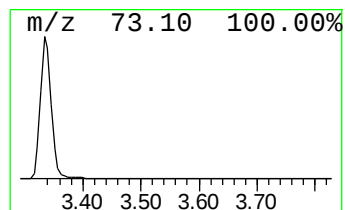
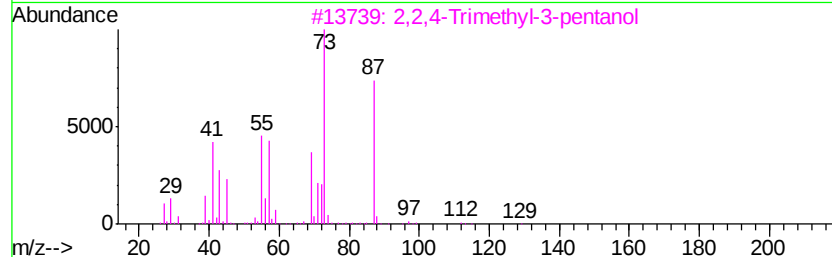
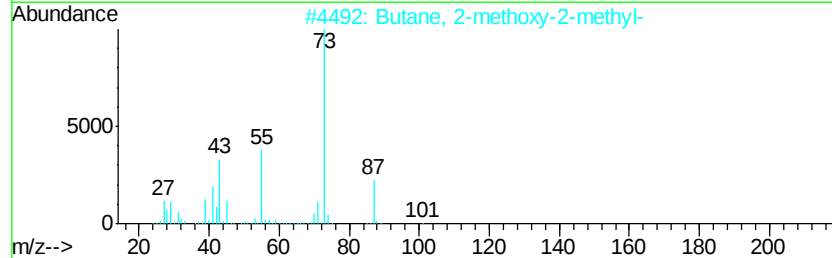
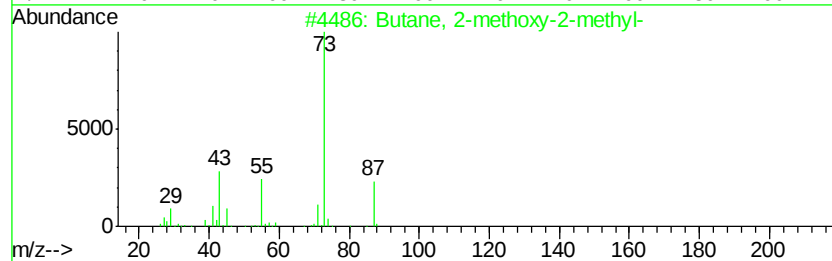
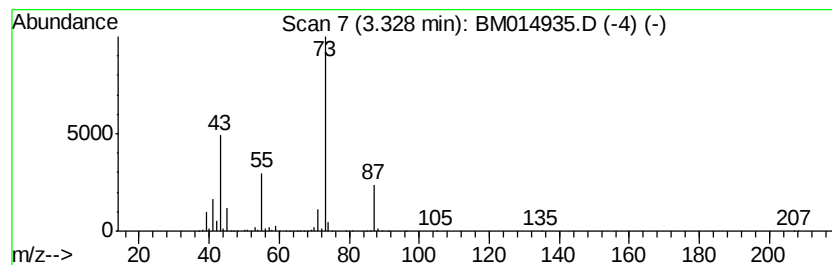
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	32.87 ng/ul	4067790	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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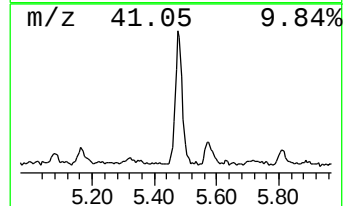
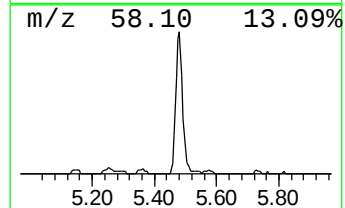
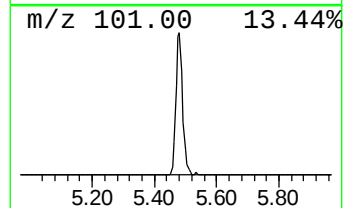
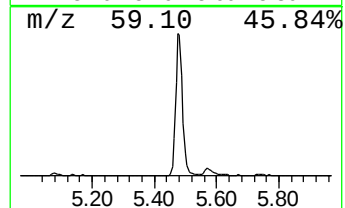
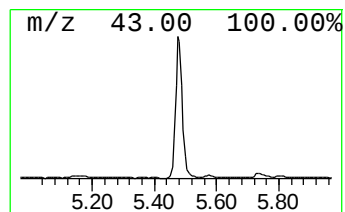
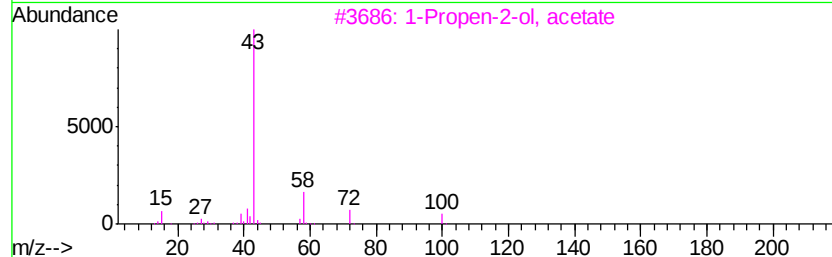
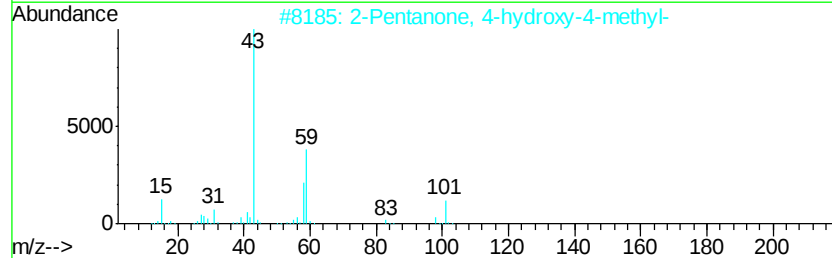
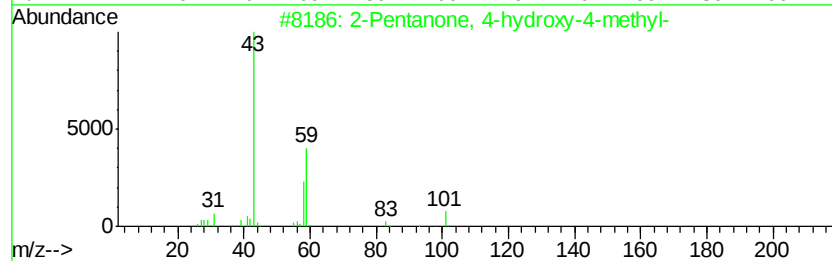
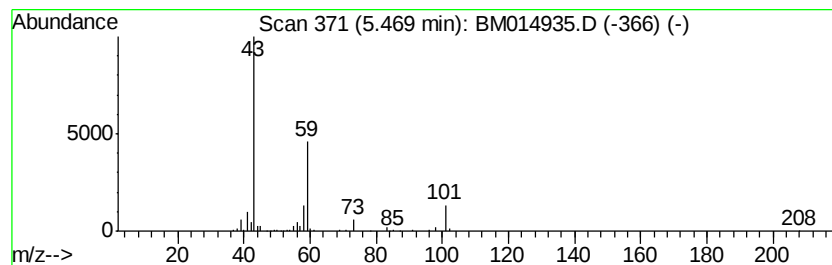
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	4.20 ng/ul	520400	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Allyl acetate	100	C5H8O2	000591-87-7	9



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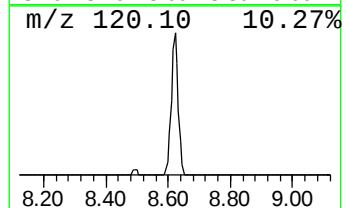
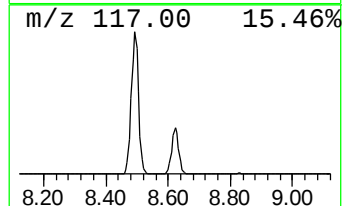
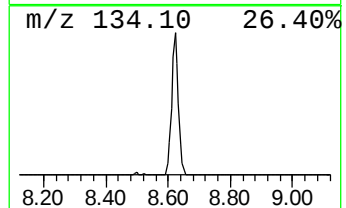
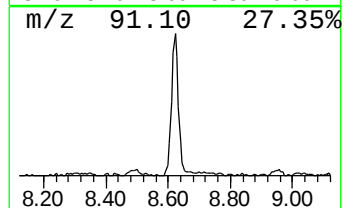
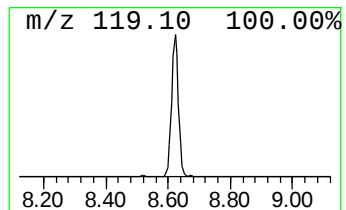
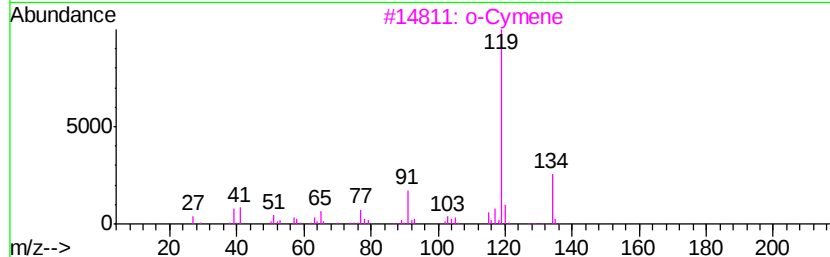
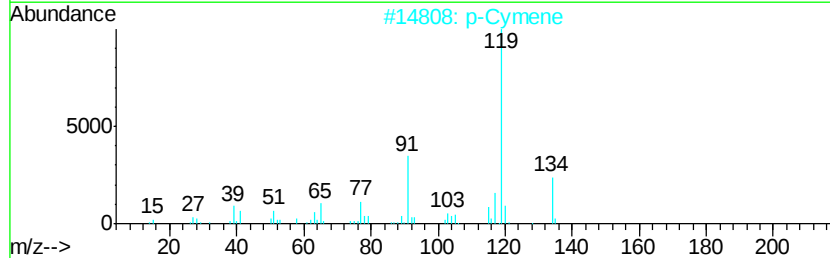
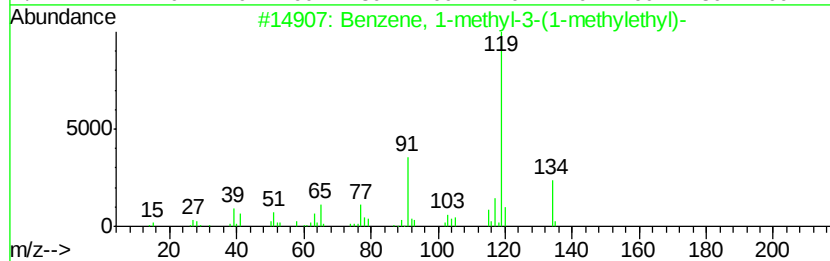
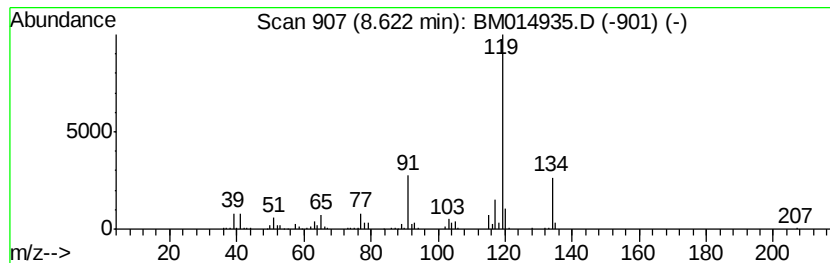
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.62 ng/ul	448215	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		p-Cymene	134	C10H14	000099-87-6	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		o-Cymene	134	C10H14	000527-84-4	94



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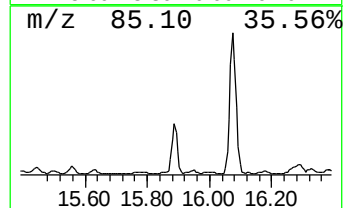
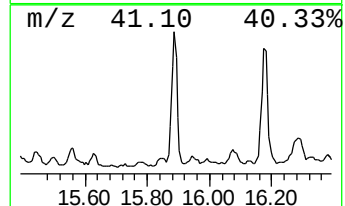
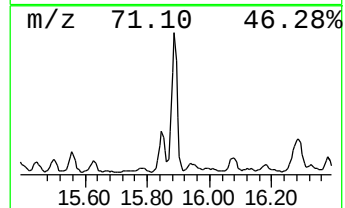
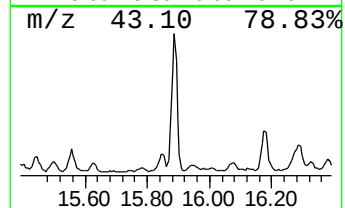
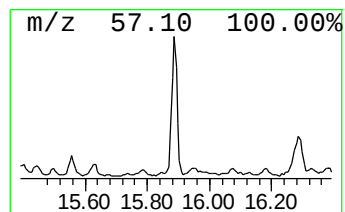
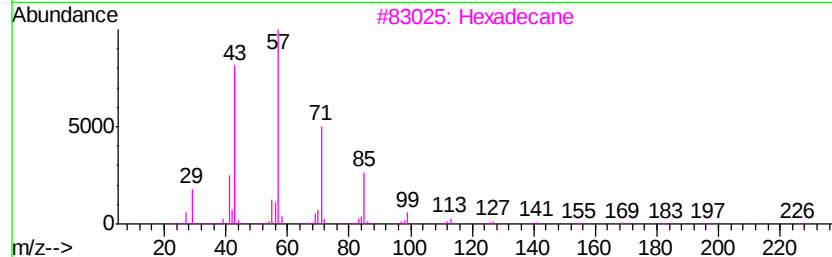
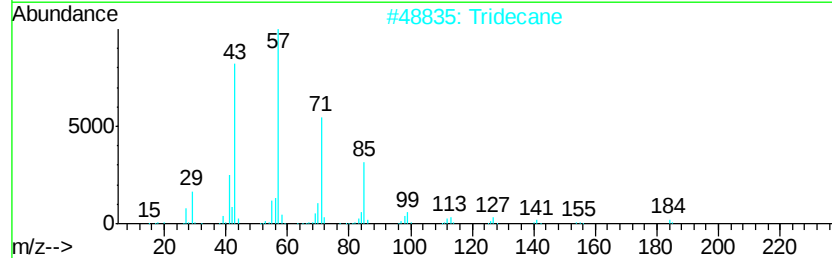
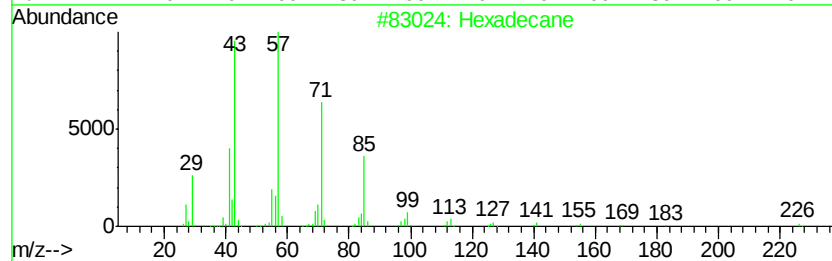
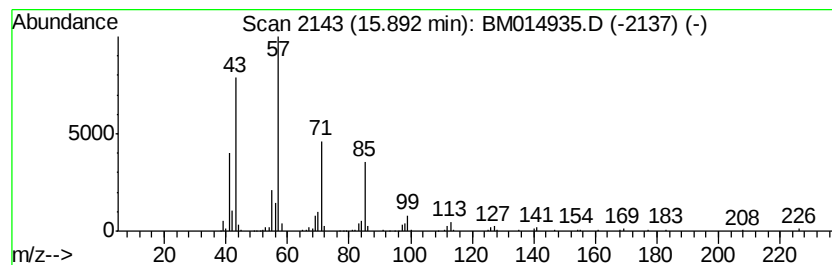
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.80 ng/ul	536516	Acenaphthene-d10	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			Hexadecane	226	C16H34	000544-76-3	83
5			Heneicosane	296	C21H44	000629-94-7	80



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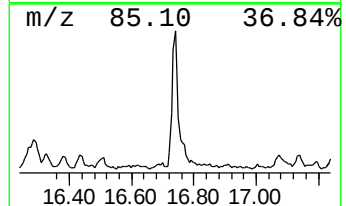
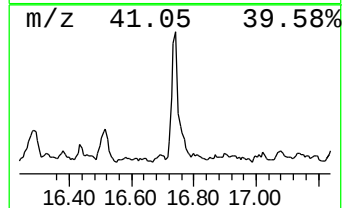
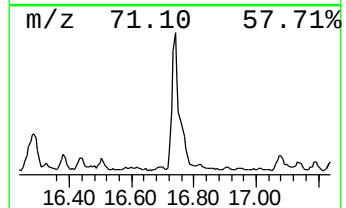
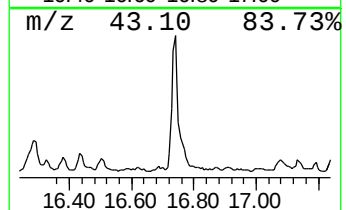
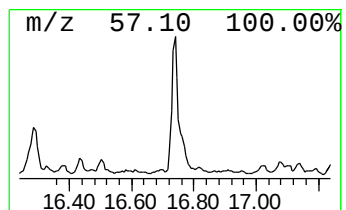
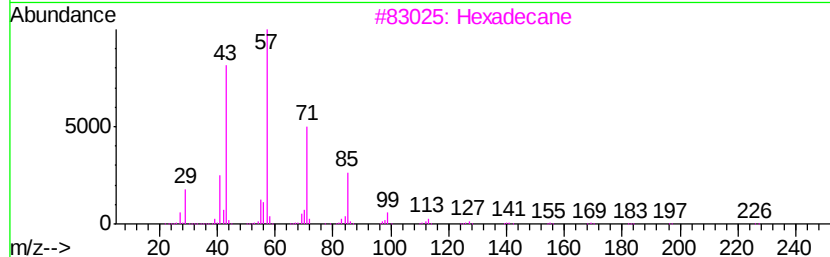
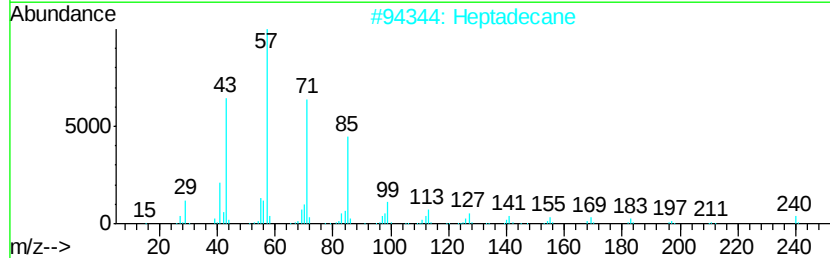
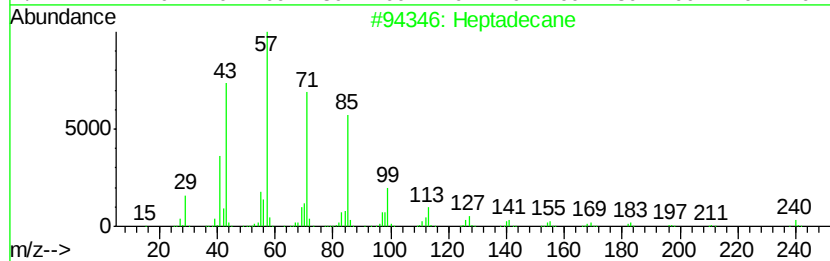
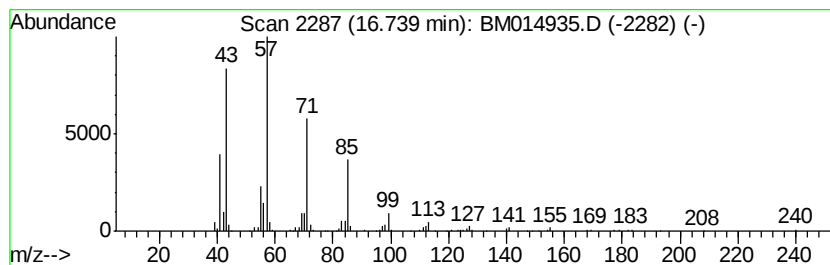
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.74 ng/ul	563199	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014935.D
Acq On : 02 May 2018 22:47
Operator : SJ/JU
Sample : J2631-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

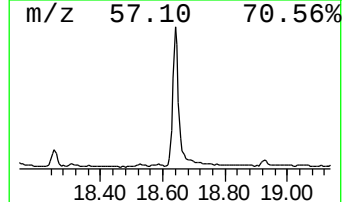
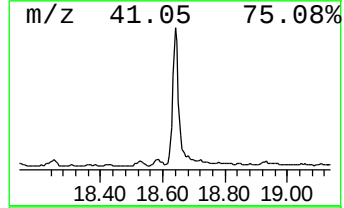
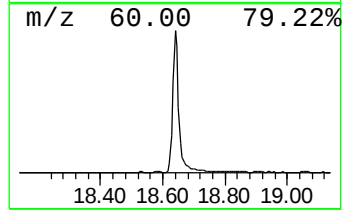
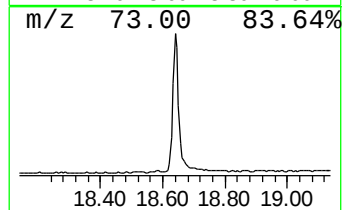
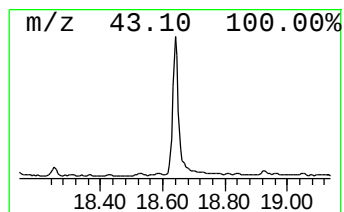
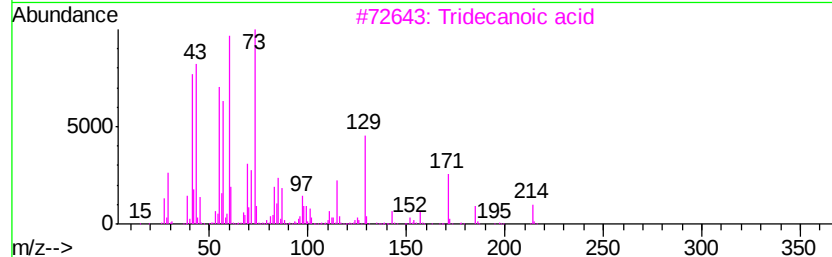
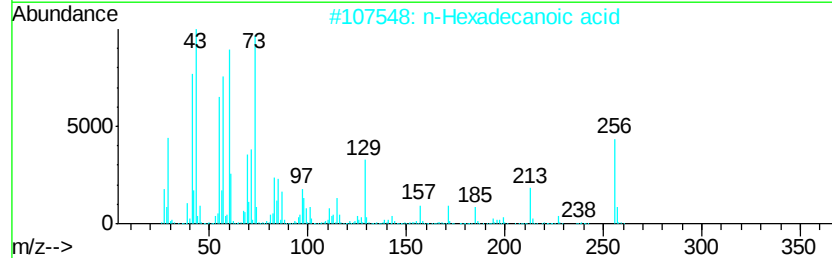
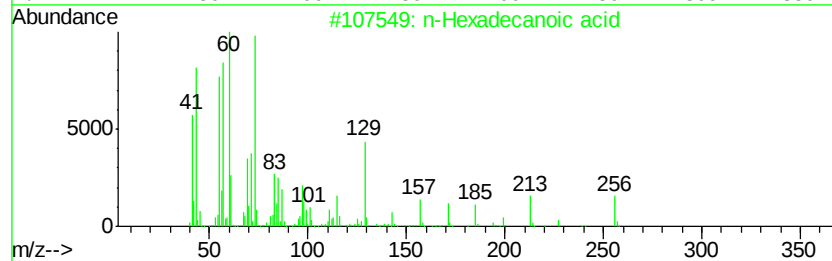
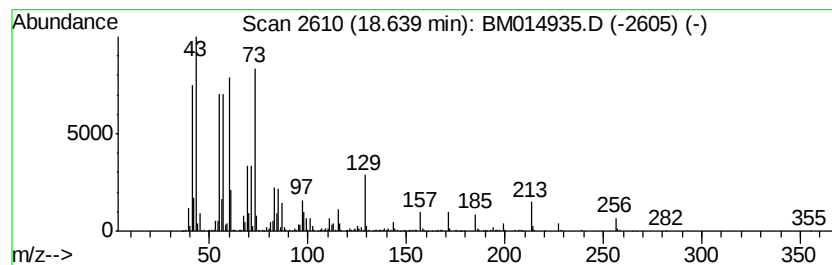
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.64	8.34 ng/ul	1711940	Phenanthrene-d10		17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014935.D
Acq On : 02 May 2018 22:47
Operator : SJ/JU
Sample : J2631-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

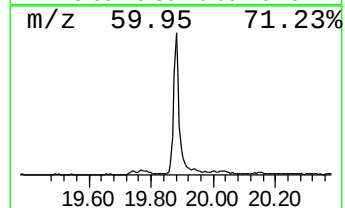
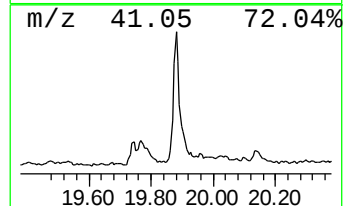
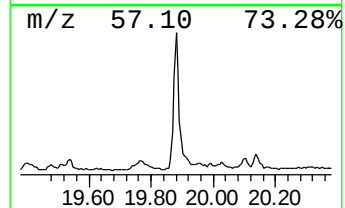
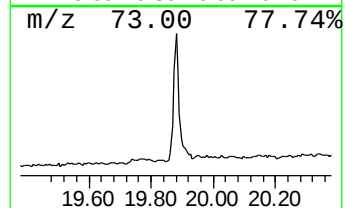
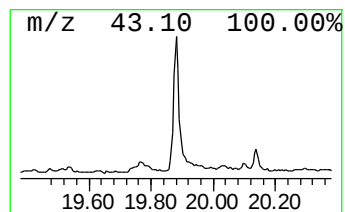
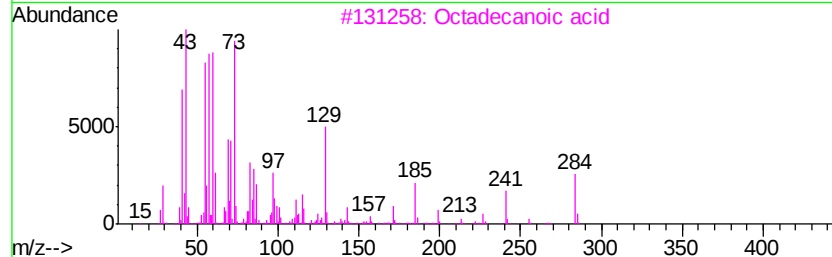
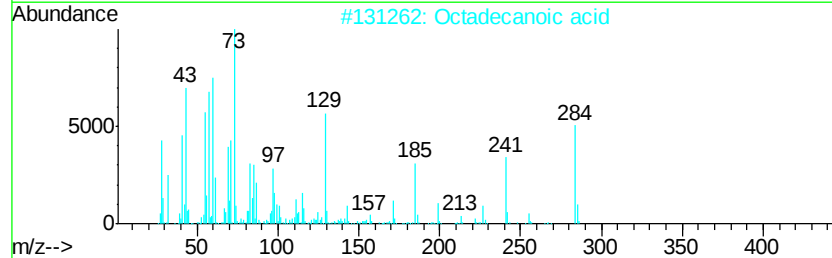
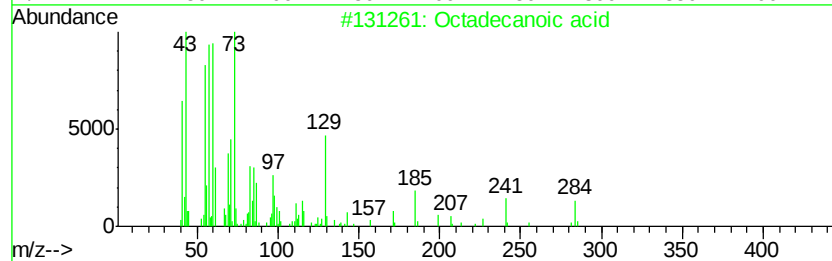
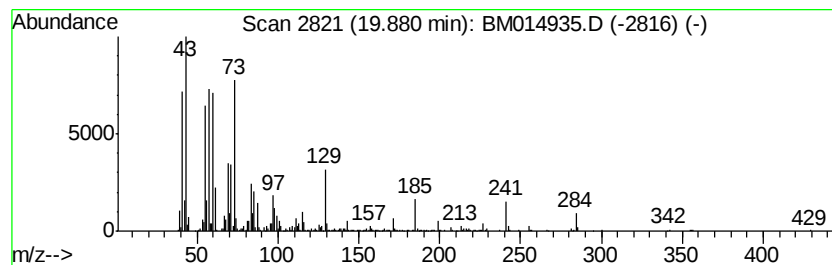
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.88	4.68 ng/ul	979080	Chrysene-d12		21.90	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014935.D
Acq On : 02 May 2018 22:47
Operator : SJ/JU
Sample : J2631-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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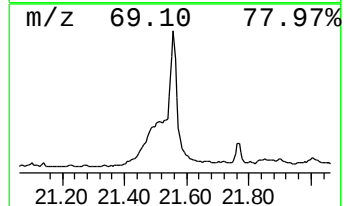
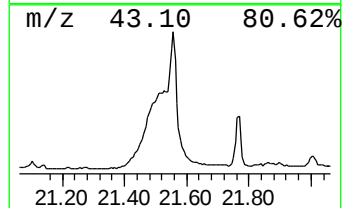
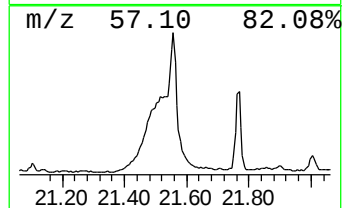
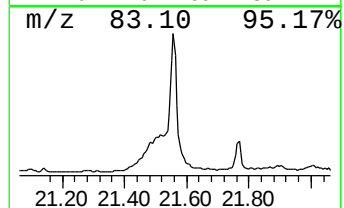
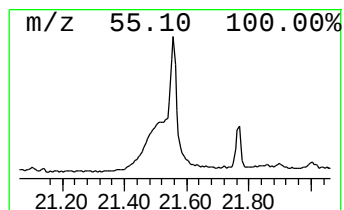
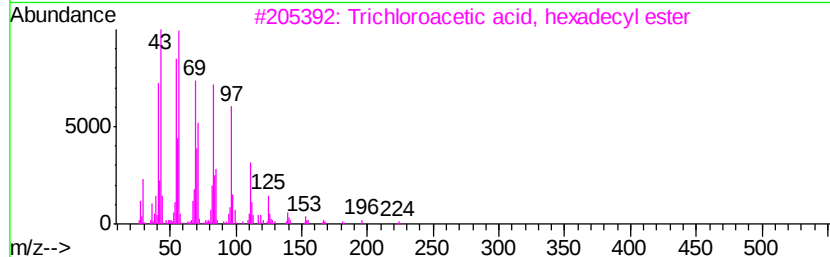
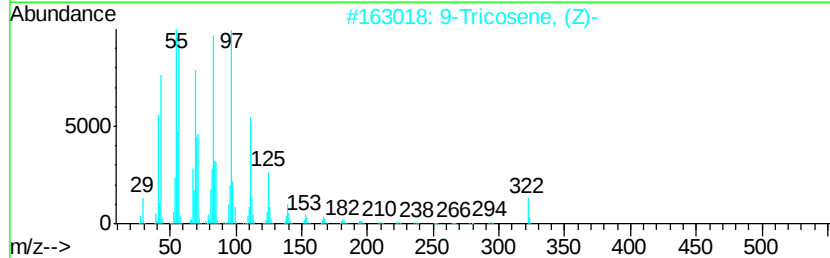
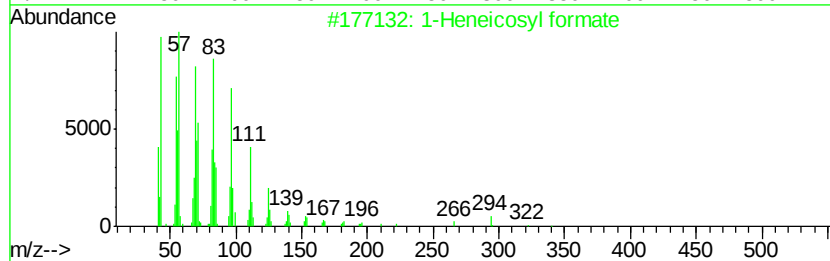
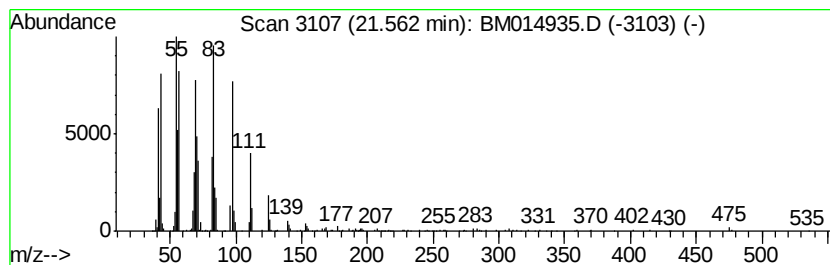
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.03 ng/ul	2096870	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	94
5		1-Docosene	308	C22H44	001599-67-3	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Acq On : 02 May 2018 22:47
Operator : SJ/JU
Sample : J2631-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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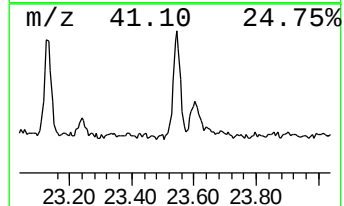
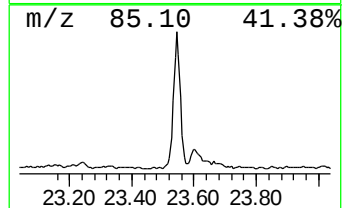
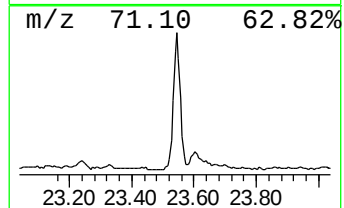
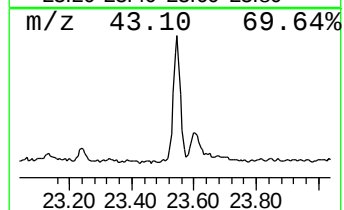
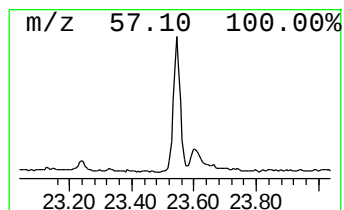
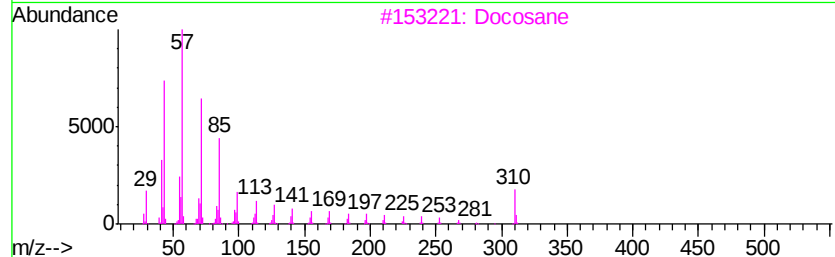
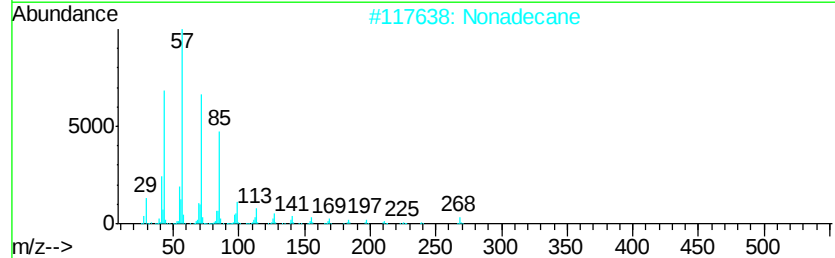
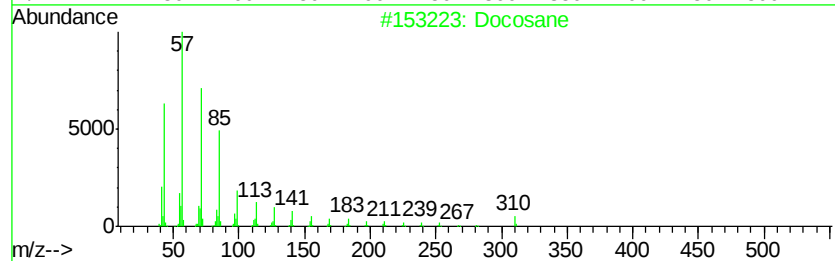
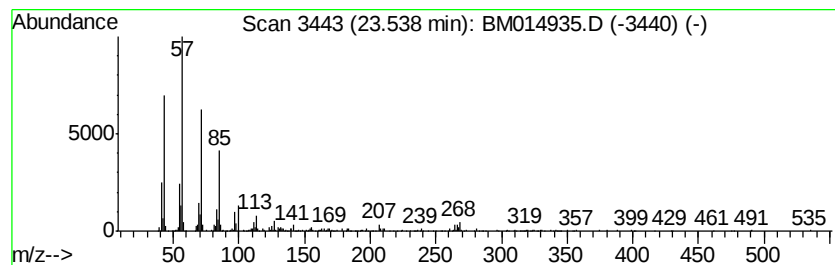
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	3.25 ng/ul	712970	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Docosane	310	C22H46	000629-97-0	89
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Sample : J2631-12
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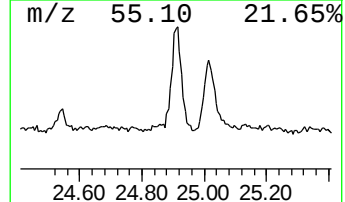
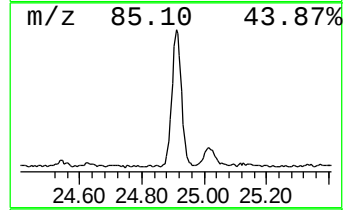
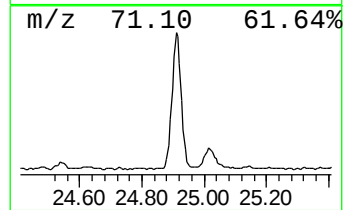
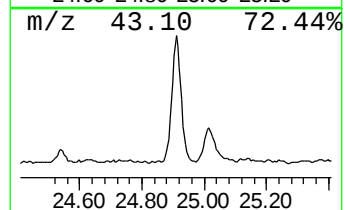
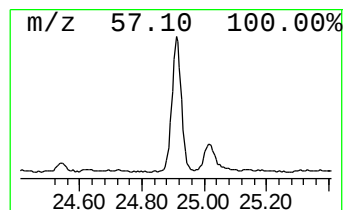
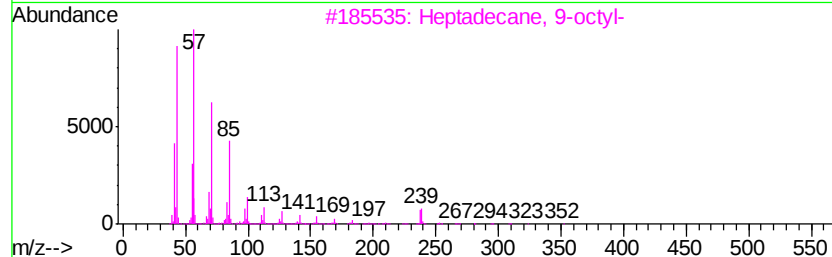
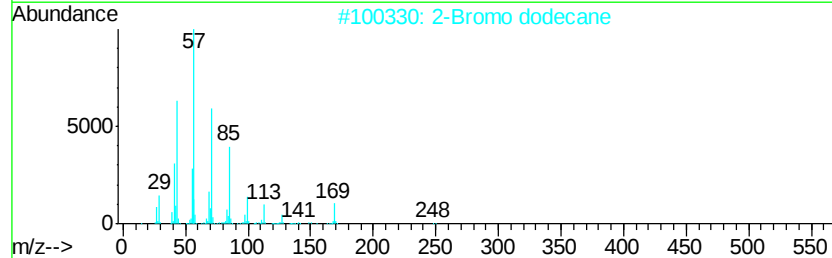
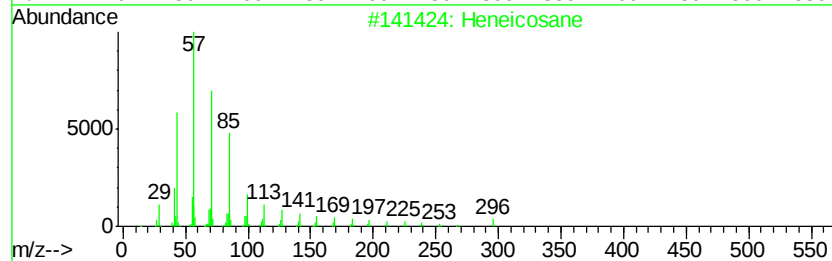
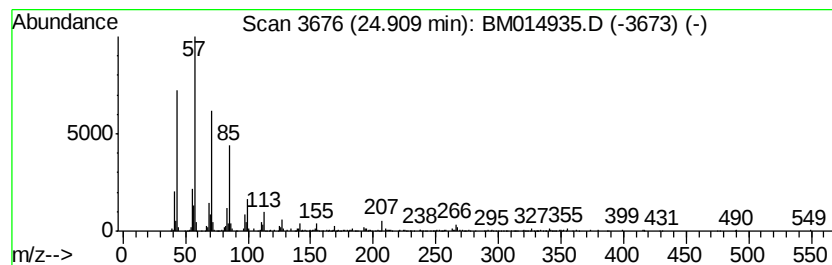
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	4.32 ng/ul	947691	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Pentadecane	212	C15H32	000629-62-9	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
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Acq On : 02 May 2018 22:47
Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.33	32.9	ng/ul	4067790	1	8.49	2475190	20.0
2-Pentanone, 4-hy...	5.47	4.2	ng/ul	520400	1	8.49	2475190	20.0
Benzene, 1-methyl...	8.62	3.6	ng/ul	448215	1	8.49	2475190	20.0
(DEL) Alkane: Str...	15.89	2.8	ng/ul	536516	3	15.10	3835410	20.0
(DEL) Alkane: Str...	16.74	2.7	ng/ul	563199	4	17.81	4104360	20.0
n-Hexadecanoic acid	18.64	8.3	ng/ul	1711940	4	17.81	4104360	20.0
Octadecanoic acid	19.88	4.7	ng/ul	979080	5	21.90	4183260	20.0
1-Heneicosyl formate	21.56	10.0	ng/ul	2096870	5	21.90	4183260	20.0
(DEL) Alkane: Str...	23.54	3.3	ng/ul	712970	6	24.38	4382630	20.0
(DEL) Alkane: Str...	24.91	4.3	ng/ul	947691	6	24.38	4382630	20.0