

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014933.D
 Acq On : 02 May 2018 21:32
 Operator : SJ/JU
 Sample : J2631-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH1

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	2997727	3845258	50.12%	3.562%
2	3.640	55	60	71	rVB	129483	189702	2.47%	0.176%
3	4.228	156	160	167	rVB	83465	116152	1.51%	0.108%
4	5.481	367	373	383	rVB	214804	345837	4.51%	0.320%
5	6.504	540	547	558	rVB	55531	100856	1.31%	0.093%
6	7.616	729	736	751	rBV	2048156	3519416	45.87%	3.260%
7	7.798	759	767	779	rVB	1625438	2561009	33.38%	2.372%
8	8.010	796	803	810	rBV	2063517	3390888	44.19%	3.141%
9	8.069	810	813	822	rVB2	73080	138176	1.80%	0.128%
10	8.492	878	885	898	rVV	1543188	2546950	33.19%	2.359%
11	9.192	996	1004	1014	rBV	2178750	3560034	46.40%	3.298%
12	9.675	1078	1086	1094	rBV	1882689	3197448	41.67%	2.962%
13	10.033	1141	1147	1153	rBV	69993	100903	1.32%	0.093%
14	10.404	1201	1210	1228	rBV	1550204	2589559	33.75%	2.399%
15	10.939	1294	1301	1313	rBV	2223413	3811761	49.68%	3.531%
16	11.333	1361	1368	1382	rBV	2043057	3505381	45.69%	3.247%
17	11.463	1382	1390	1407	rBV	1863847	3350229	43.66%	3.103%
18	13.898	1798	1804	1810	rBV	74420	106255	1.38%	0.098%
19	14.486	1896	1904	1909	rBV	3345066	4862817	63.38%	4.504%
20	14.533	1909	1912	1918	rVB	858508	1137657	14.83%	1.054%
21	14.798	1950	1957	1965	rBV2	4098446	6107642	79.60%	5.658%
22	14.951	1977	1983	1988	rBV	266953	337144	4.39%	0.312%
23	15.098	2001	2008	2016	rVV2	2707365	4040100	52.65%	3.742%
24	15.257	2029	2035	2047	rBV	1411078	2140440	27.90%	1.983%
25	15.557	2082	2086	2094	rBV2	57912	96192	1.25%	0.089%
26	15.845	2130	2135	2138	rBV	83823	114189	1.49%	0.106%
27	15.886	2138	2142	2147	rVB	335247	413760	5.39%	0.383%
28	16.074	2167	2174	2181	rBV	4966387	7045214	91.82%	6.526%
29	16.174	2186	2191	2202	rVV	1384373	1955642	25.49%	1.812%
30	16.286	2204	2210	2220	rVB4	78599	259476	3.38%	0.240%
31	16.421	2229	2233	2239	rBV3	70111	118437	1.54%	0.110%
32	16.515	2244	2249	2255	rVB4	94623	154312	2.01%	0.143%
33	16.739	2282	2287	2297	rBV	265643	437516	5.70%	0.405%
34	17.521	2416	2420	2424	rBV	162611	184927	2.41%	0.171%

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35	17.809	2463	2469	2475	rBV2	2858073	4295345	55.98%	3.979%
36	17.851	2475	2476	2480	rVV	126726	132691	1.73%	0.123%
37	17.909	2480	2486	2497	rVB	4936788	6997416	91.20%	6.482%
38	18.251	2540	2544	2549	rBV	101947	122209	1.59%	0.113%
39	18.645	2605	2611	2621	rBV	1280428	1890080	24.63%	1.751%
40	19.545	2760	2764	2770	rBV4	50172	95063	1.24%	0.088%
41	19.739	2794	2797	2800	rBV2	81218	113811	1.48%	0.105%
42	19.821	2807	2811	2815	rVB	253740	331583	4.32%	0.307%
43	19.880	2817	2821	2835	rVB	801760	1073479	13.99%	0.994%
44	20.150	2861	2867	2877	rVB	5310757	7672853	100.00%	7.107%
45	21.556	3102	3106	3114	rBV	971548	1368207	17.83%	1.267%
46	21.897	3159	3164	3169	rBV	3157077	4405918	57.42%	4.081%
47	23.544	3441	3444	3449	rVB	387707	526672	6.86%	0.488%
48	23.609	3451	3455	3470	rVB3	356179	1150678	15.00%	1.066%
49	24.221	3552	3559	3566	rVB	3396991	6459906	84.19%	5.984%
50	24.380	3579	3586	3593	rBV	2080359	4087629	53.27%	3.786%
51	24.909	3673	3676	3684	rVB	469970	851365	11.10%	0.789%

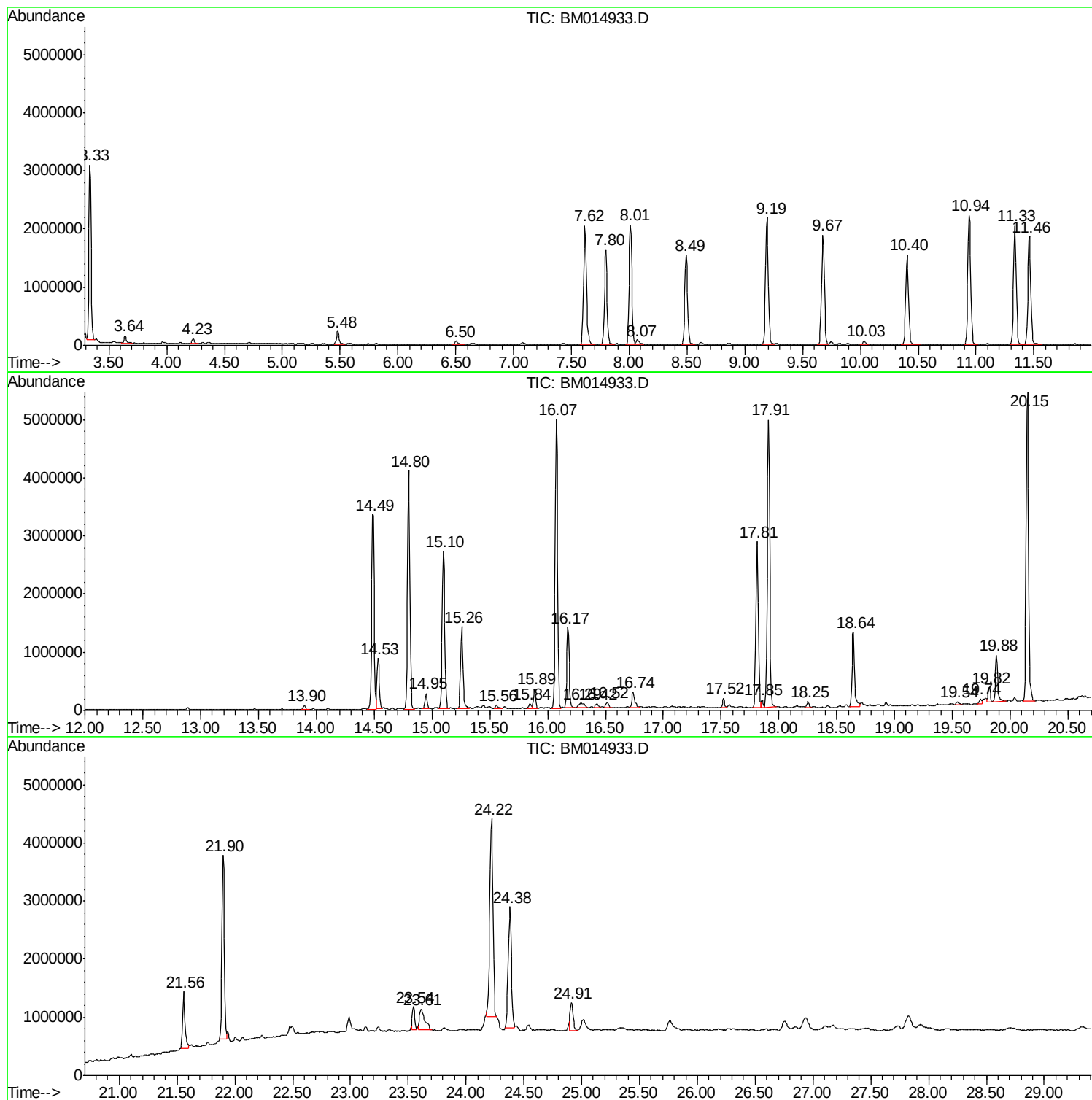
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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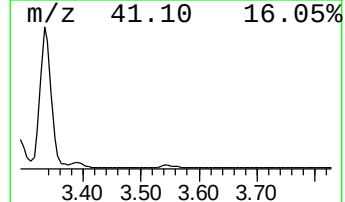
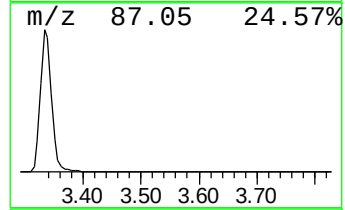
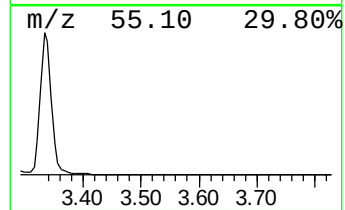
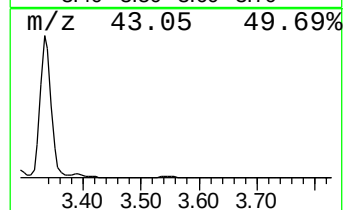
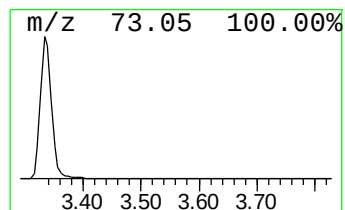
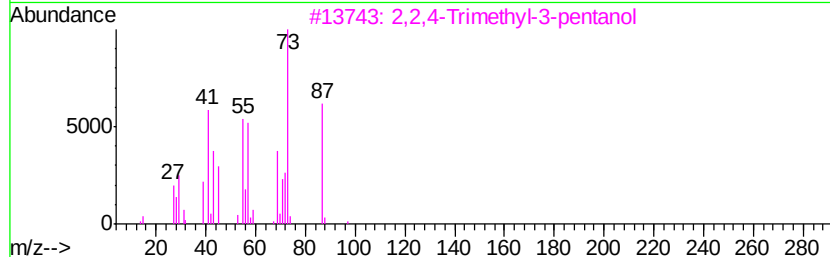
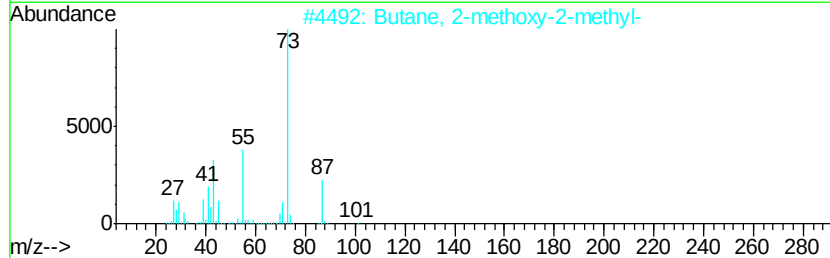
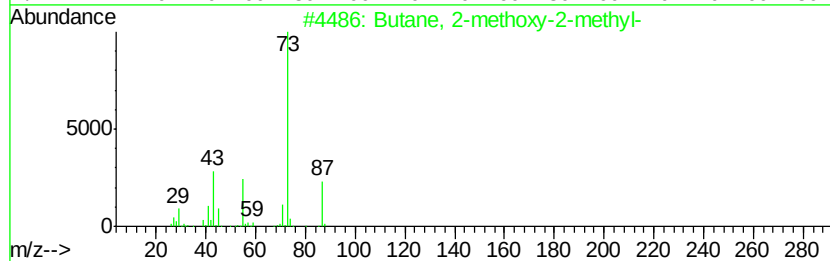
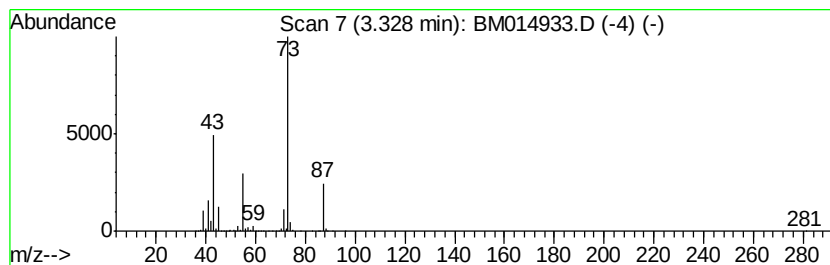
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Quant Title : SVOA CALIBRATION

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	30.20 ng/ul	3845260	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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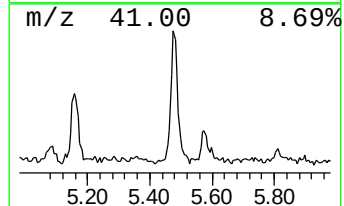
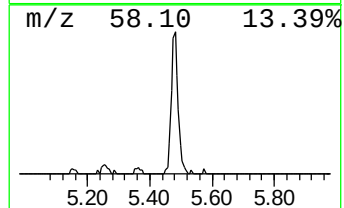
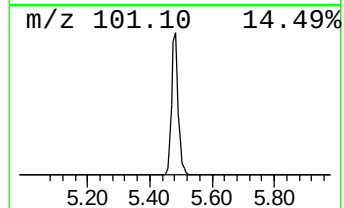
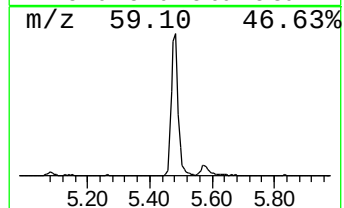
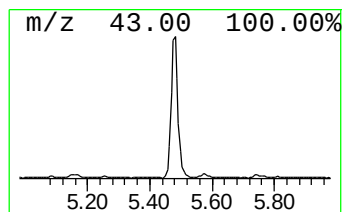
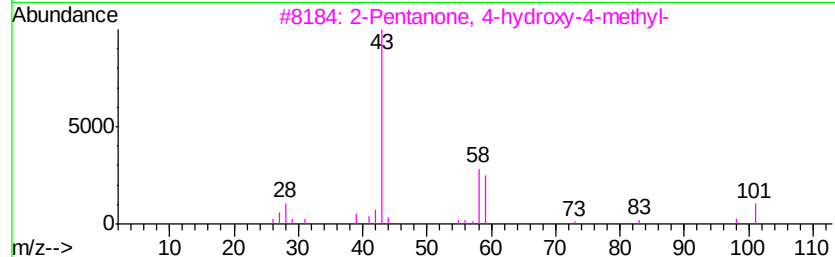
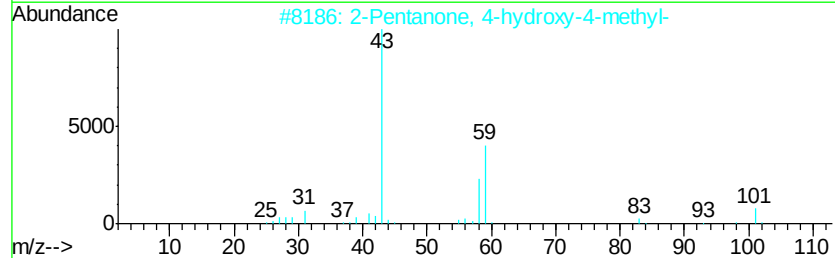
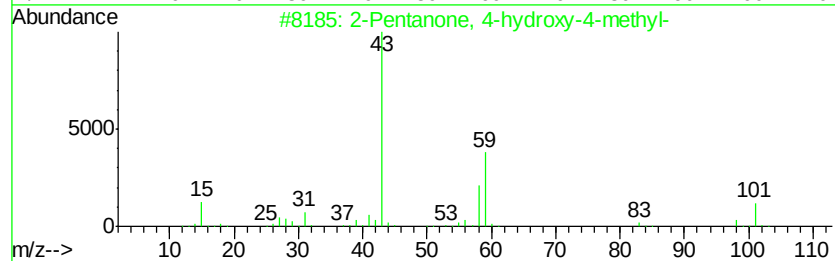
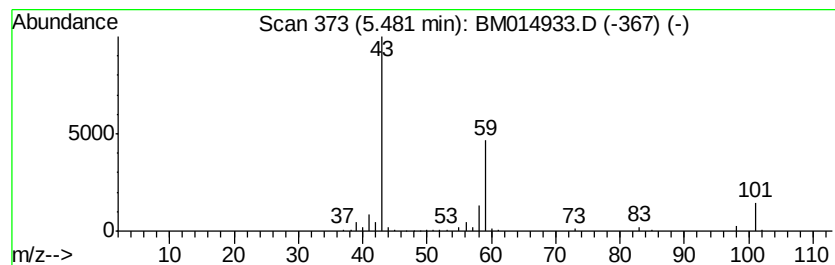
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.72 ng/ul	345837	1,4-Dichlorobenzene-d4	8.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	16		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Diacetamide	101	C4H7NO2	000625-77-4	9		



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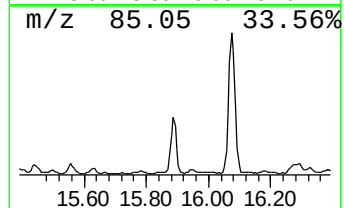
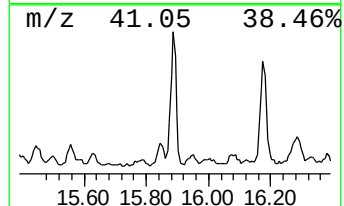
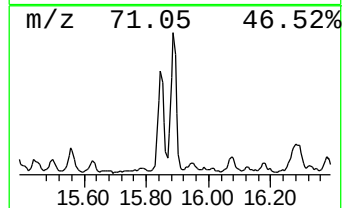
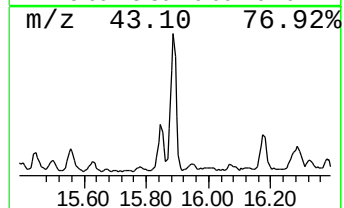
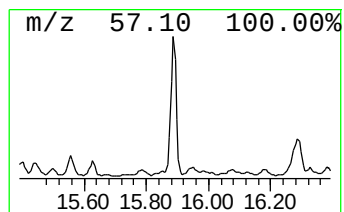
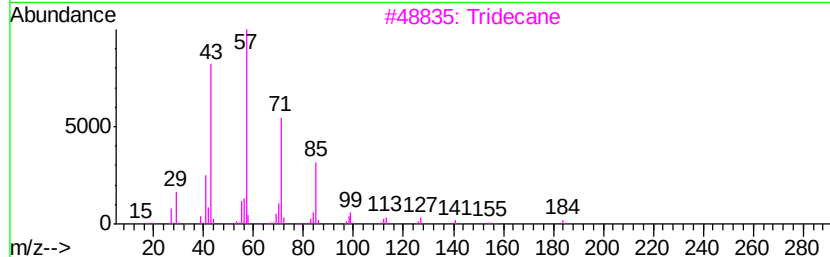
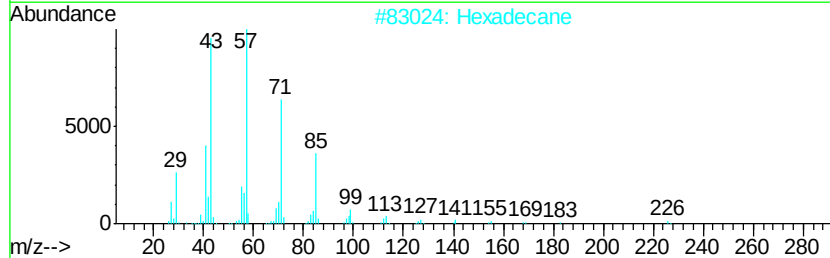
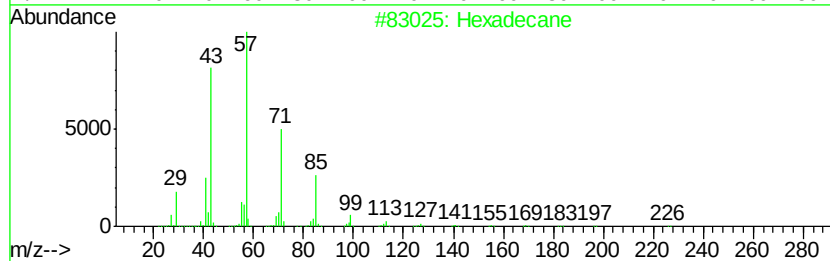
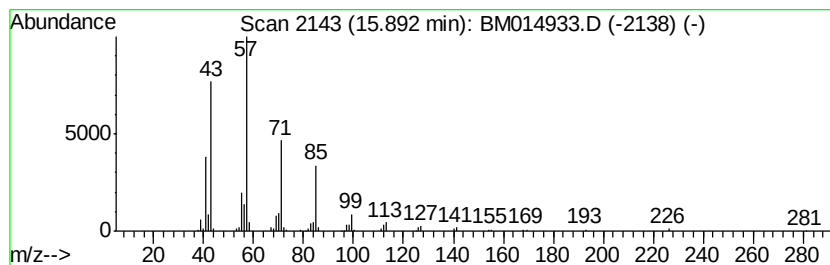
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.05 ng/ul	413760	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Undecane	156	C11H24	001120-21-4	86



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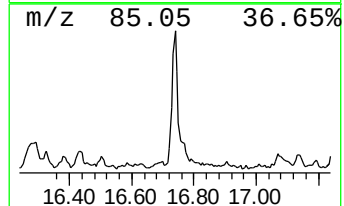
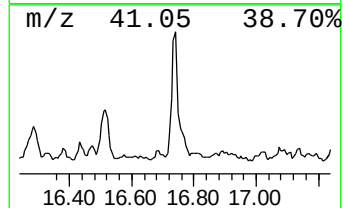
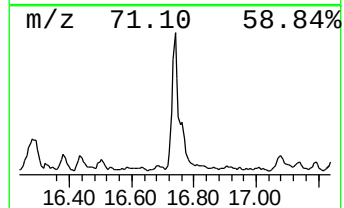
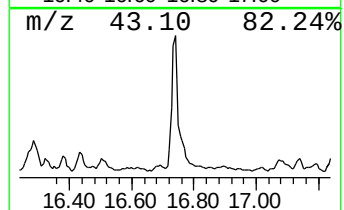
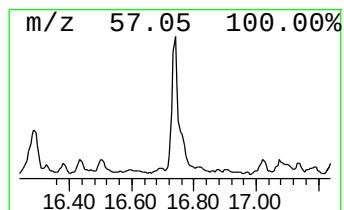
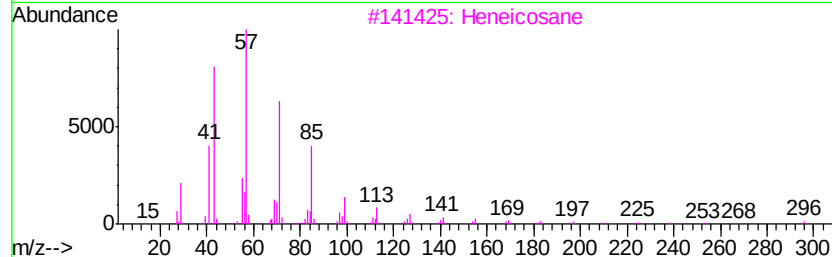
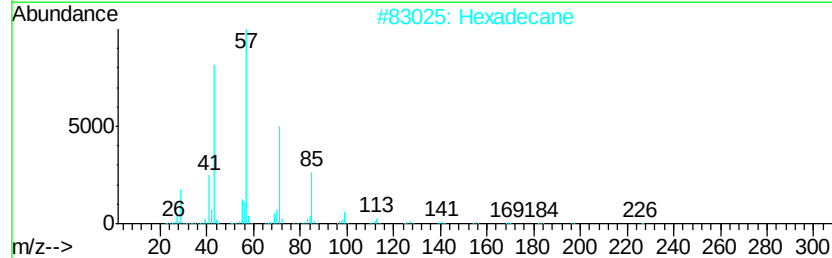
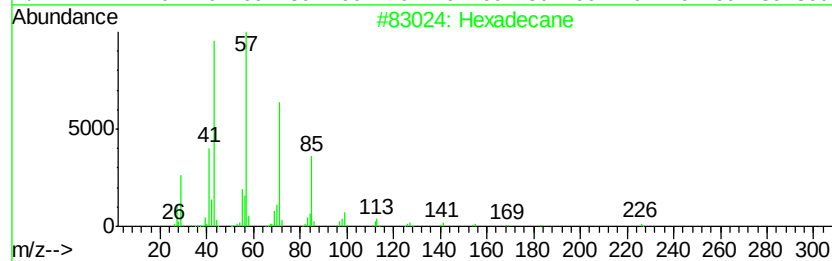
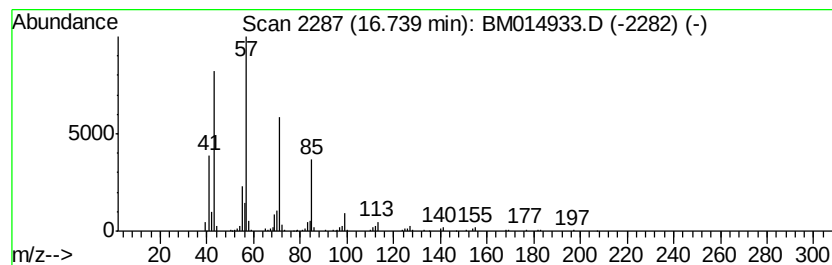
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.04 ng/ul	437516	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	86
4		Tridecane	184	C13H28	000629-50-5	86
5		1-Decene, 4-methyl-	154	C11H22	013151-29-6	81



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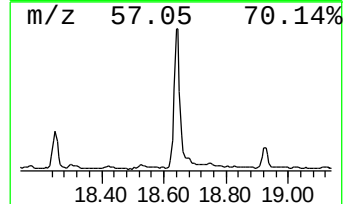
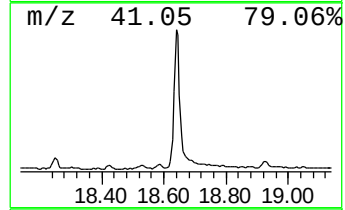
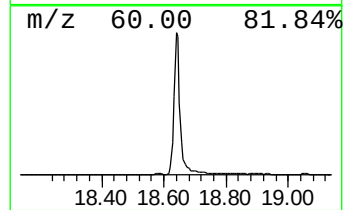
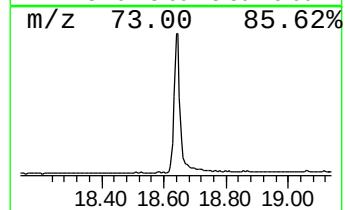
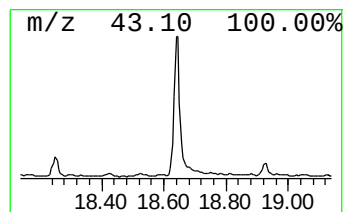
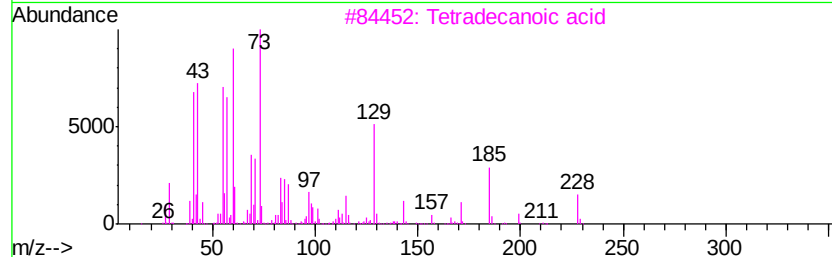
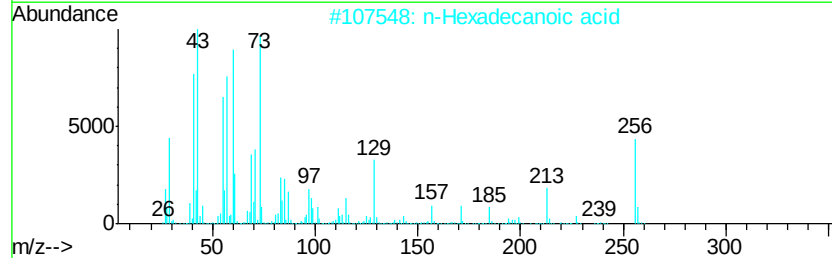
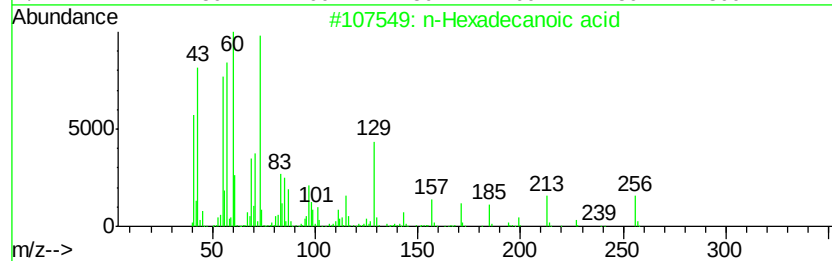
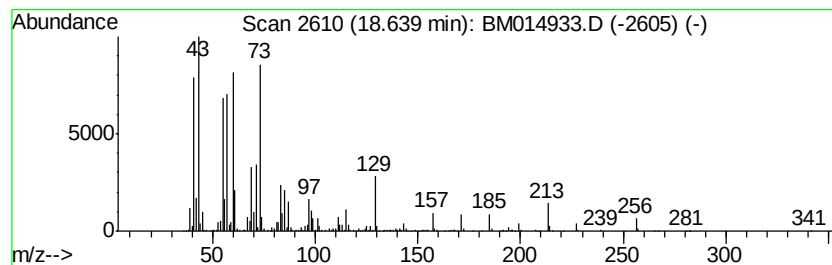
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.80 ng/ul	1890080	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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Acq On : 02 May 2018 21:32
Operator : SJ/JU
Sample : J2631-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

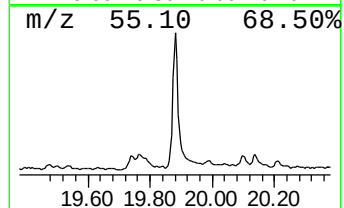
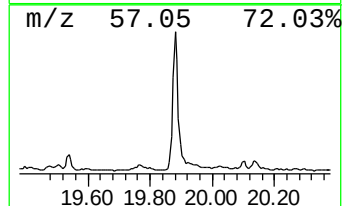
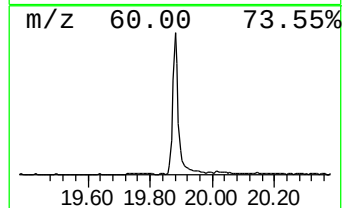
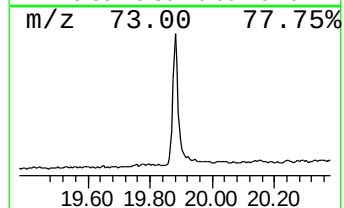
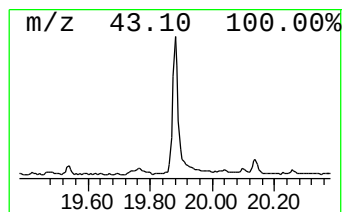
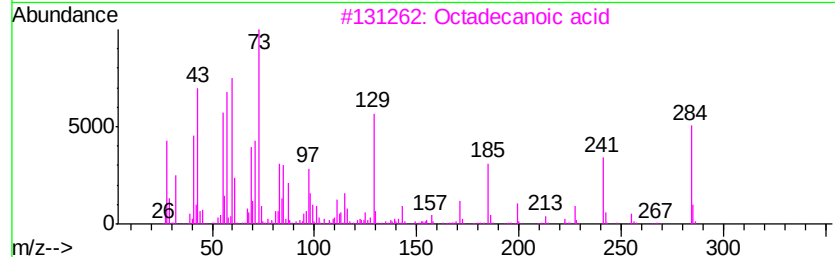
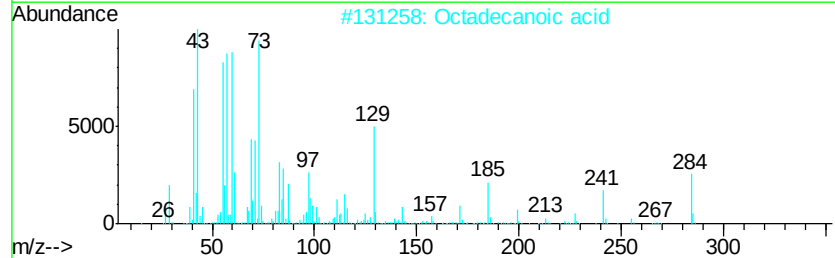
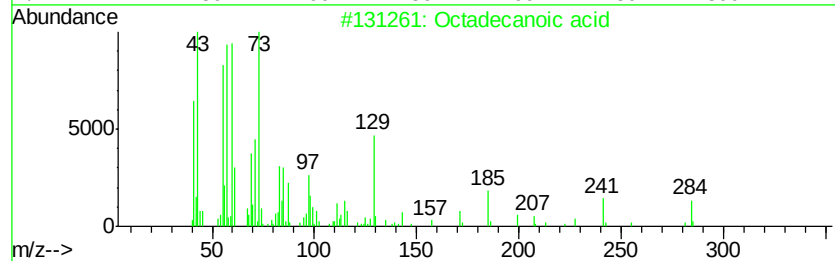
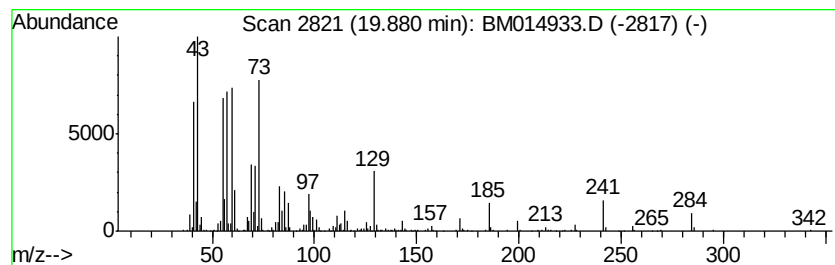
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.88	4.87 ng/ul	1073480	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, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	91
5	Octadecanoic acid		284	C18H36O2	000057-11-4	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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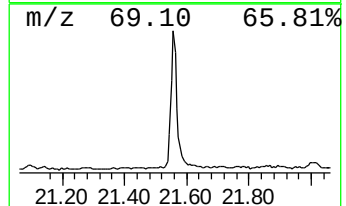
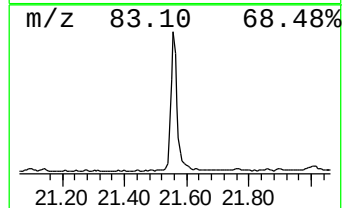
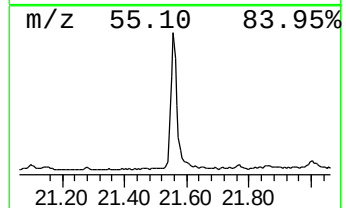
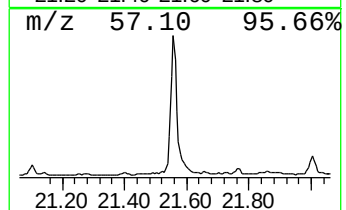
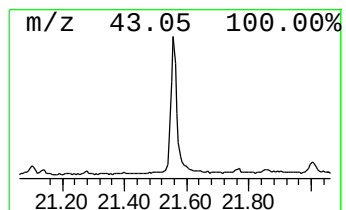
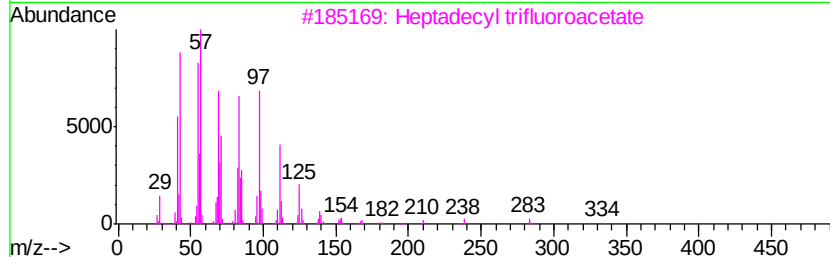
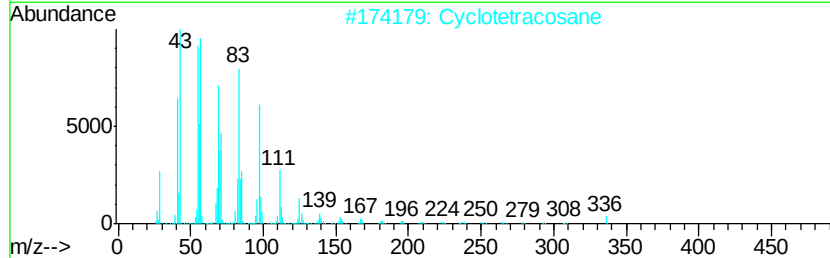
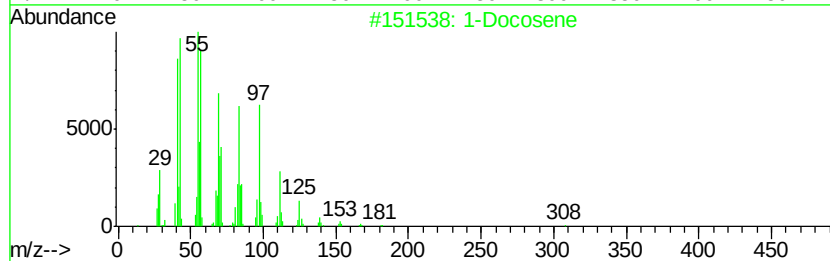
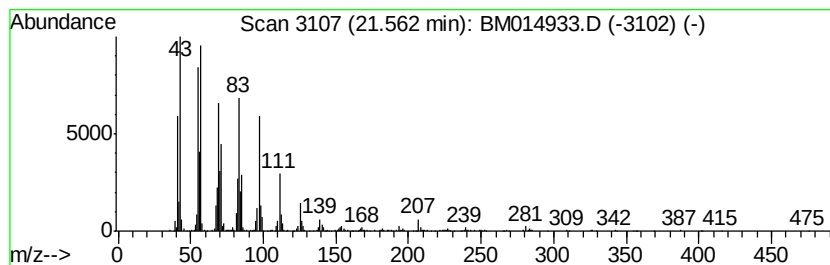
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.56	6.21 ng/ul	1368210	Chrysene-d12	21.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Cyclotetracosane		336	C24H48	000297-03-0	95
3	Heptadecyl trifluoroacetate		352	C19H35F3O2	1000351-87-0	94
4	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014933.D
Acq On : 02 May 2018 21:32
Operator : SJ/JU
Sample : J2631-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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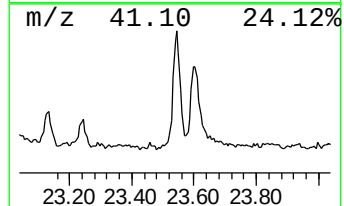
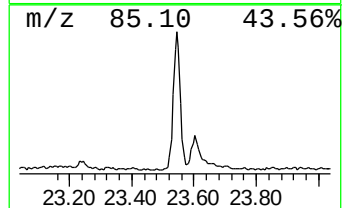
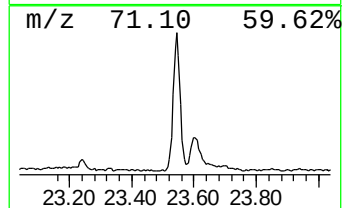
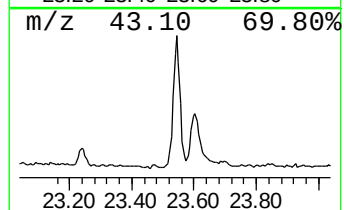
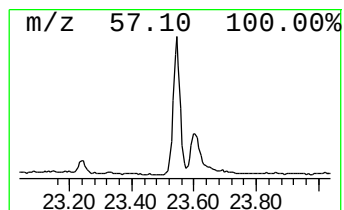
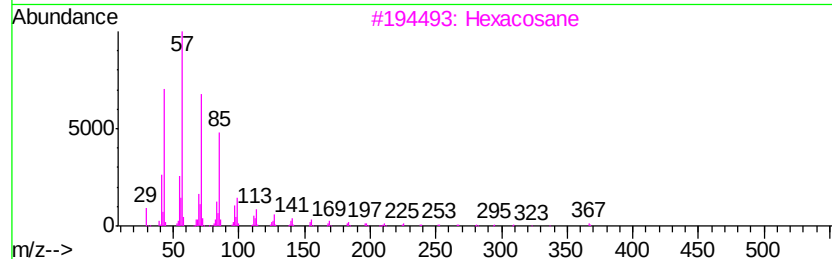
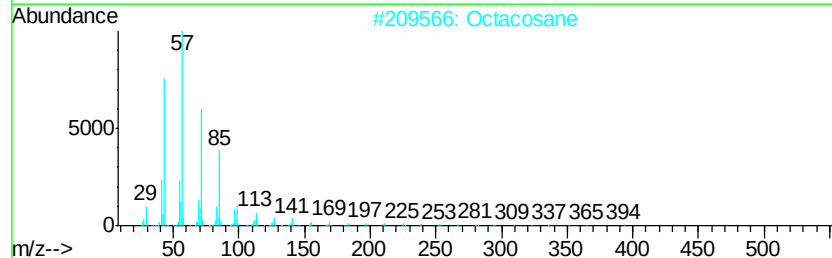
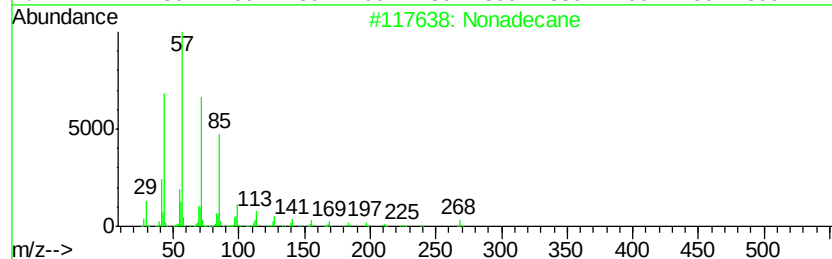
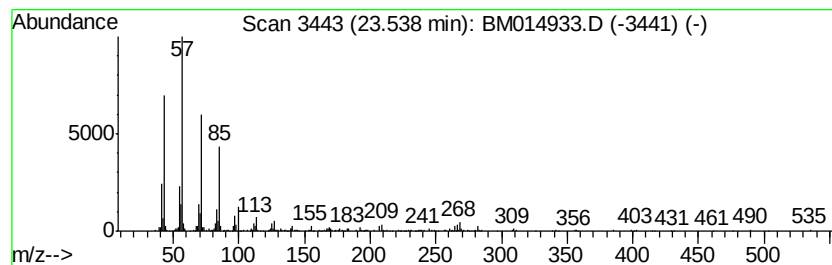
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	2.58 ng/ul	526672	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	83
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014933.D
Acq On : 02 May 2018 21:32
Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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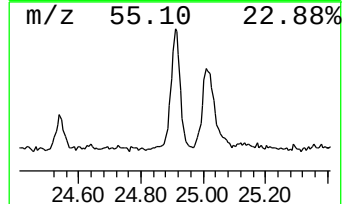
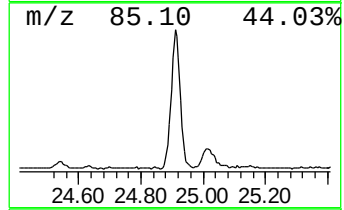
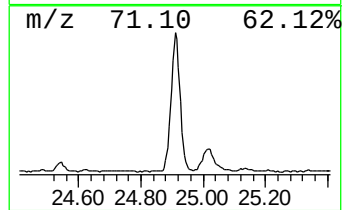
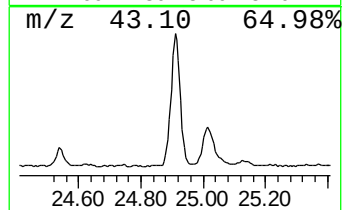
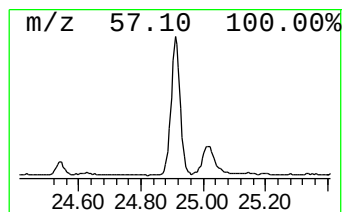
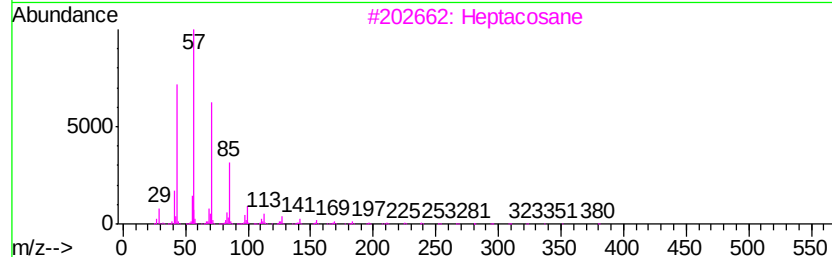
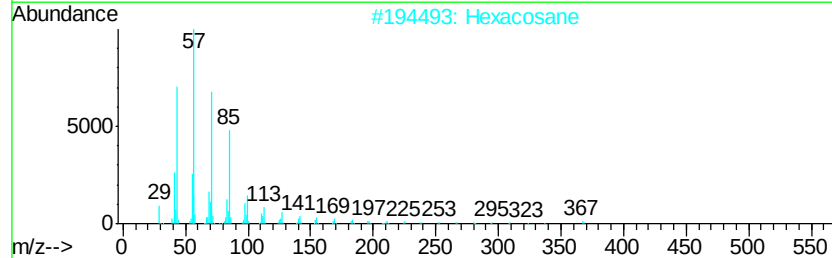
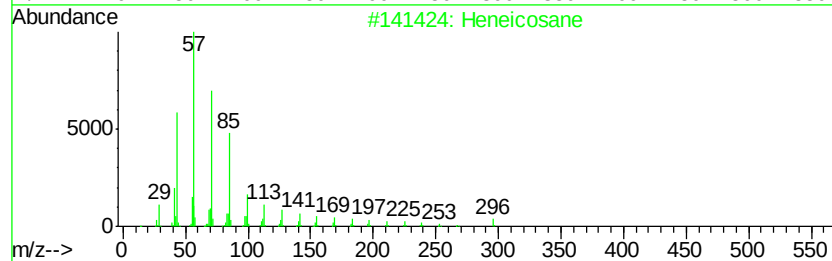
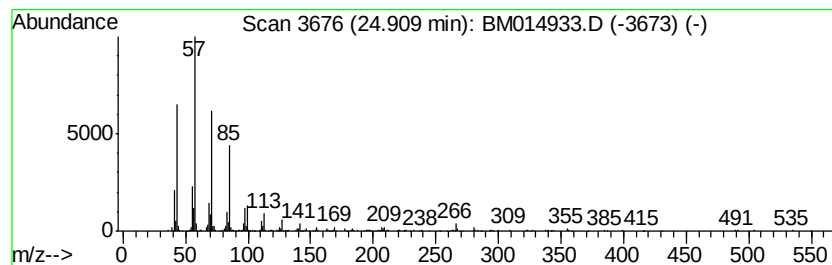
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	4.17 ng/ul	851365	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
Data File : BM014933.D
Acq On : 02 May 2018 21:32
Operator : SJ/JU
Sample : J2631-01
Misc :
ALS Vial : 14 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	30.2	ng/ul	3845260	1	8.49	2546950	20.0
2-Pentanone, 4-hy...	5.48	2.7	ng/ul	345837	1	8.49	2546950	20.0
(DEL) Alkane: Str...	15.89	2.0	ng/ul	413760	3	15.10	4040100	20.0
(DEL) Alkane: Str...	16.74	2.0	ng/ul	437516	4	17.81	4295350	20.0
n-Hexadecanoic acid	18.64	8.8	ng/ul	1890080	4	17.81	4295350	20.0
Octadecanoic acid	19.88	4.9	ng/ul	1073480	5	21.90	4405920	20.0
(DEL) Alkane: Cyc...	21.56	6.2	ng/ul	1368210	5	21.90	4405920	20.0
(DEL) Alkane: Str...	23.54	2.6	ng/ul	526672	6	24.38	4087630	20.0
(DEL) Alkane: Str...	24.91	4.2	ng/ul	851365	6	24.38	4087630	20.0