

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014927.D
 Acq On : 02 May 2018 17:48
 Operator : SJ/JU
 Sample : J2631-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

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	16	rVB	2676170	3595601	34.60%	3.730%
2	3.640	56	60	67	rBV	100239	136736	1.32%	0.142%
3	5.481	367	373	385	rVB	296000	456655	4.39%	0.474%
4	6.504	542	547	556	rBV	64678	108614	1.05%	0.113%
5	7.616	728	736	753	rBV	1619369	2769840	26.65%	2.874%
6	7.798	760	767	779	rVB	1250600	1991400	19.16%	2.066%
7	8.010	795	803	813	rBV	1624096	2662030	25.62%	2.762%
8	8.492	878	885	901	rVB	1463928	2399966	23.09%	2.490%
9	9.192	996	1004	1016	rBV	1607423	2702434	26.01%	2.804%
10	9.675	1078	1086	1094	rBV	1447898	2458627	23.66%	2.551%
11	10.404	1202	1210	1225	rBV	1153996	1919997	18.48%	1.992%
12	10.939	1294	1301	1312	rBV	1683511	2927352	28.17%	3.037%
13	11.333	1361	1368	1376	rBV	1868275	3245251	31.23%	3.367%
14	11.463	1382	1390	1407	rBV	1461059	2619915	25.21%	2.718%
15	14.492	1895	1905	1909	rBV	2662669	3782725	36.40%	3.924%
16	14.533	1909	1912	1918	rVB	454447	609353	5.86%	0.632%
17	14.798	1951	1957	1970	rBV	3220603	4738754	45.60%	4.916%
18	14.951	1977	1983	1989	rVB	172222	211874	2.04%	0.220%
19	15.098	2001	2008	2015	rBV2	2385965	3658468	35.21%	3.796%
20	15.257	2024	2035	2052	rBV	1104658	1779614	17.13%	1.846%
21	15.886	2138	2142	2147	rVB	235337	291200	2.80%	0.302%
22	16.074	2167	2174	2180	rBV	3984166	5557466	53.48%	5.766%
23	16.174	2186	2191	2202	rVV	1016957	1391541	13.39%	1.444%
24	16.292	2204	2211	2220	rVB3	60708	182995	1.76%	0.190%
25	16.739	2282	2287	2298	rBV	196439	322171	3.10%	0.334%
26	17.521	2415	2420	2425	rBV	95294	120859	1.16%	0.125%
27	17.809	2463	2469	2474	rBV2	2659452	3876399	37.30%	4.022%
28	17.851	2474	2476	2480	rVV	242093	308991	2.97%	0.321%
29	17.909	2480	2486	2500	rVB	3956480	5642965	54.30%	5.854%
30	18.645	2605	2611	2620	rVV	760797	1140429	10.97%	1.183%
31	19.792	2800	2806	2807	rVV2	70328	139230	1.34%	0.144%
32	19.821	2807	2811	2816	rVB	351924	480441	4.62%	0.498%
33	19.880	2817	2821	2832	rBV	319884	467464	4.50%	0.485%
34	20.150	2861	2867	2878	rVV	5707562	8452041	81.33%	8.769%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.556	3102	3106	3115	rBV	1097913	1534438	14.77%	1.592%
36	21.768	3138	3142	3147	rBV	493961	606655	5.84%	0.629%
37	21.897	3159	3164	3169	rBV	2980028	4165899	40.09%	4.322%
38	23.544	3440	3444	3449	rVB	297507	430453	4.14%	0.447%
39	23.603	3450	3454	3463	rBV4	314136	769944	7.41%	0.799%
40	24.221	3552	3559	3577	rVB	4784468	10391788	100.00%	10.781%
41	24.380	3579	3586	3602	rVB	1960055	4222359	40.63%	4.381%
42	24.909	3672	3676	3685	rVB	568787	1117418	10.75%	1.159%

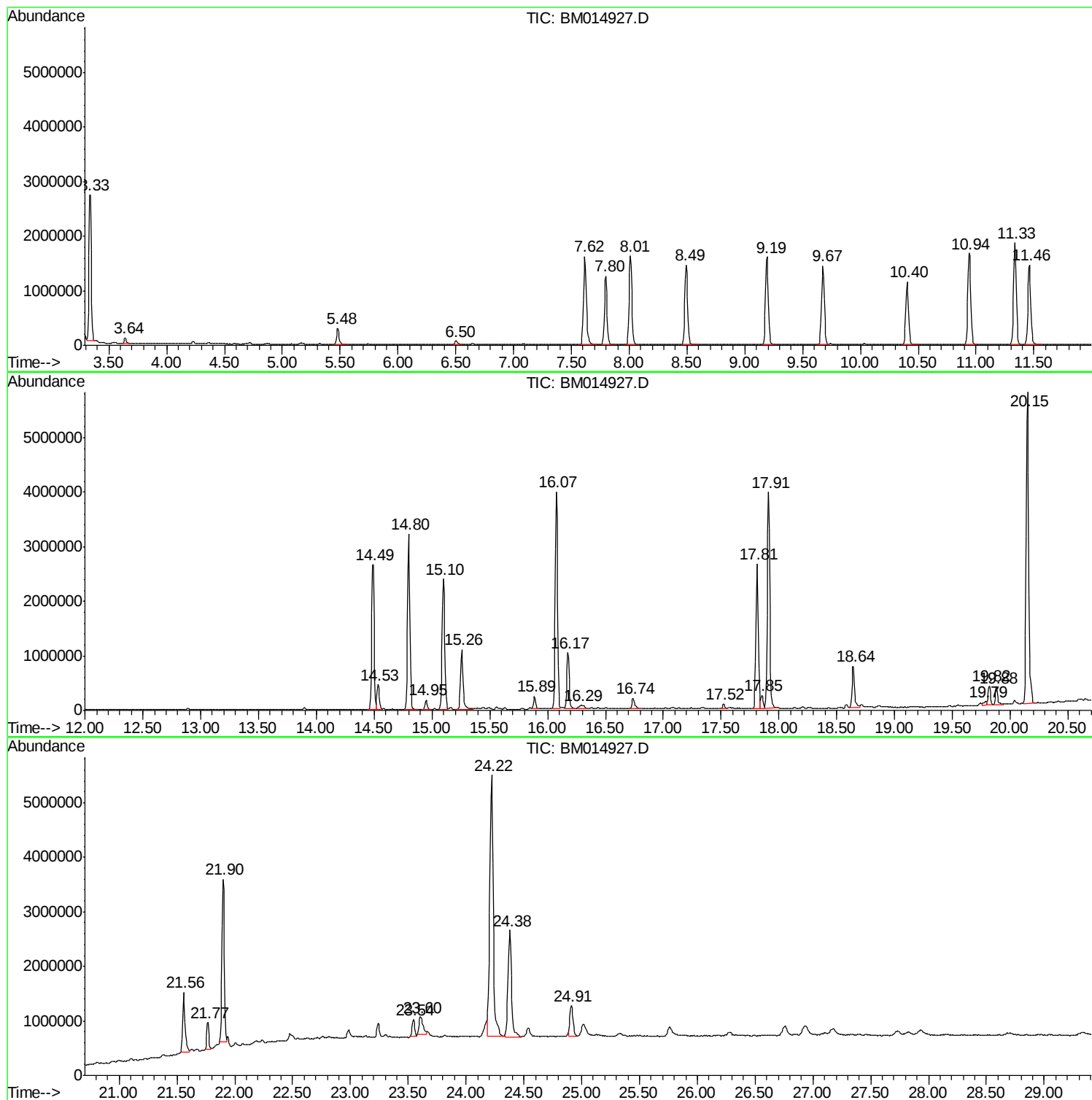
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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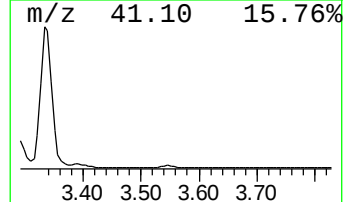
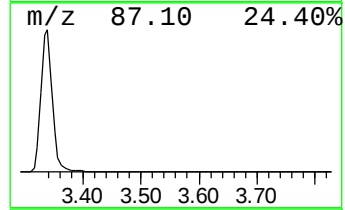
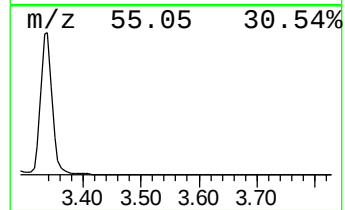
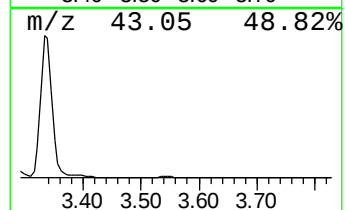
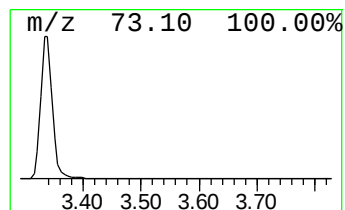
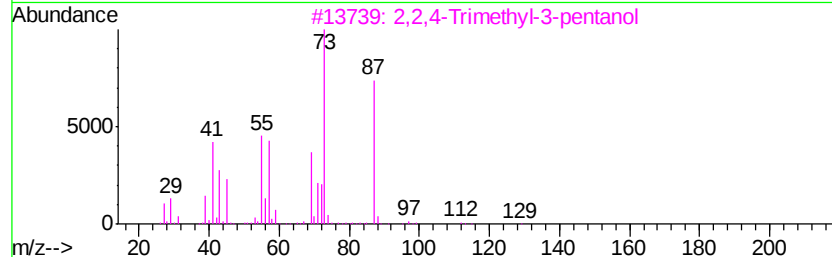
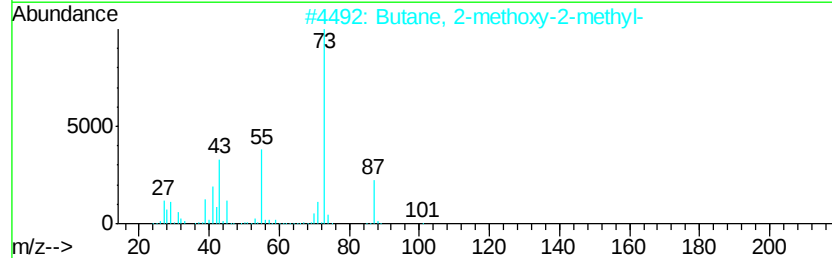
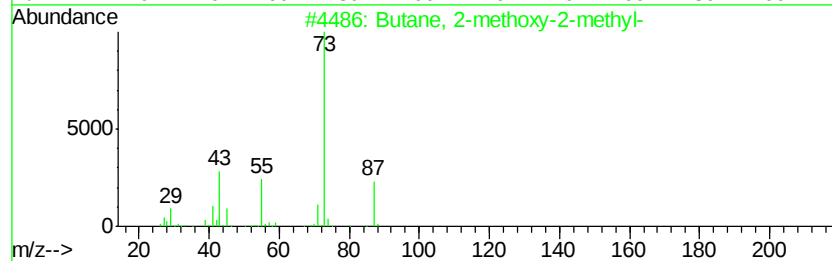
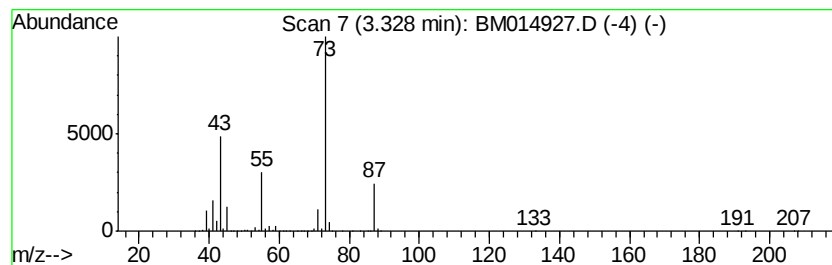
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Quant Title : SVOA CALIBRATION

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	29.96 ng/ul	3595600	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	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37



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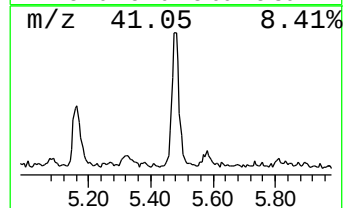
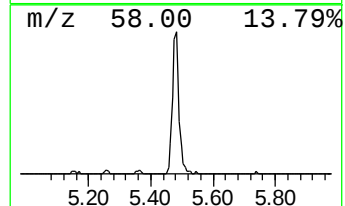
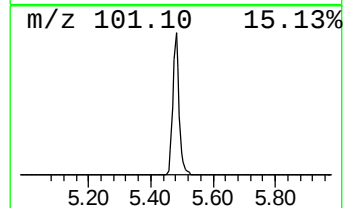
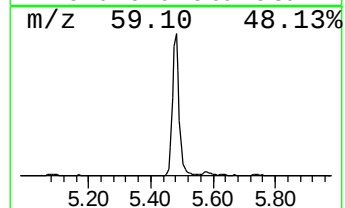
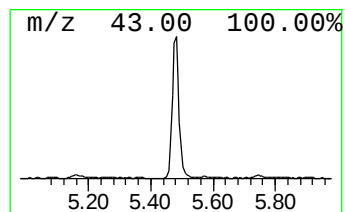
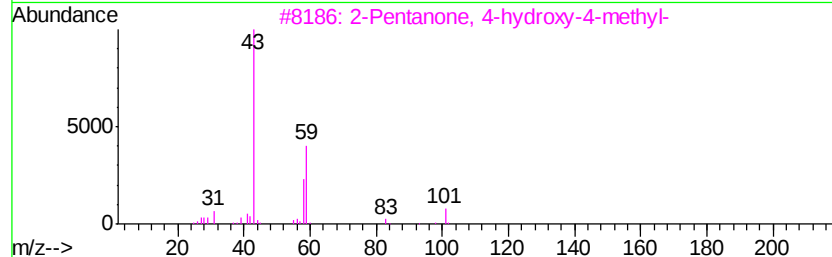
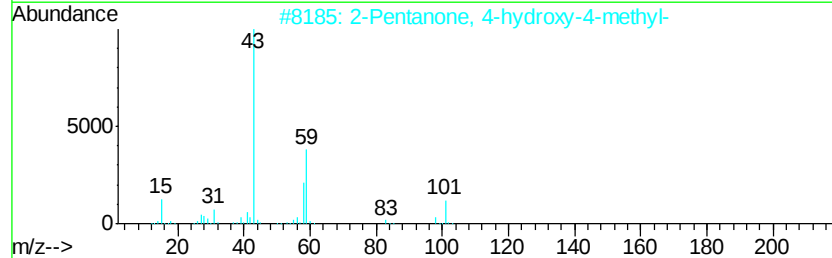
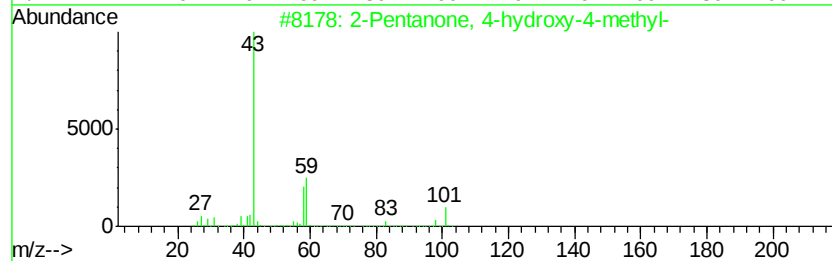
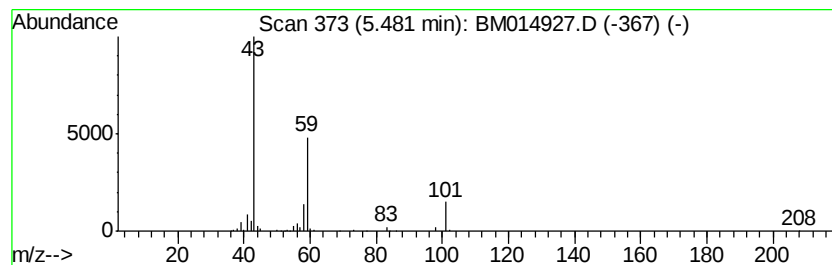
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	3.81 ng/ul	456655	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	50
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	45
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23



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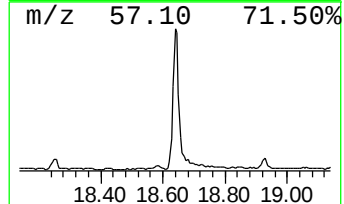
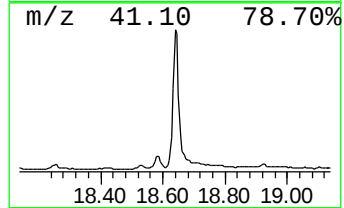
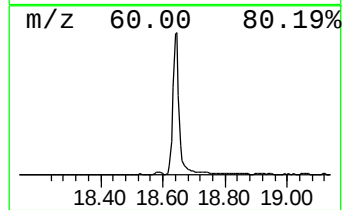
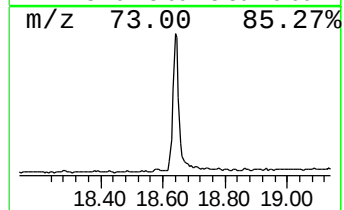
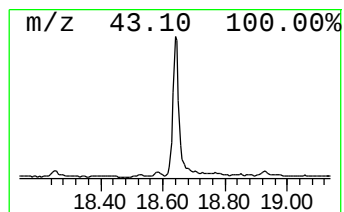
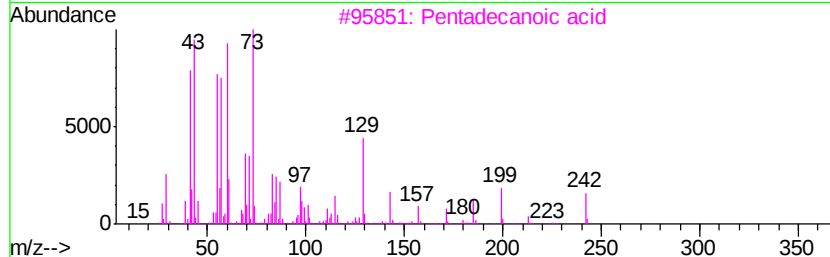
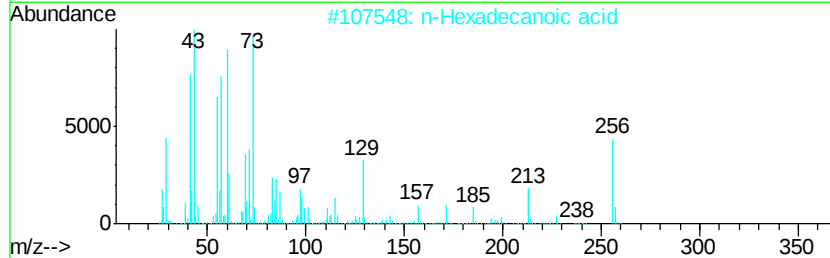
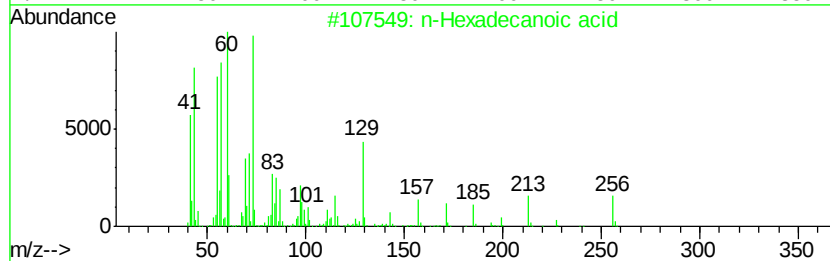
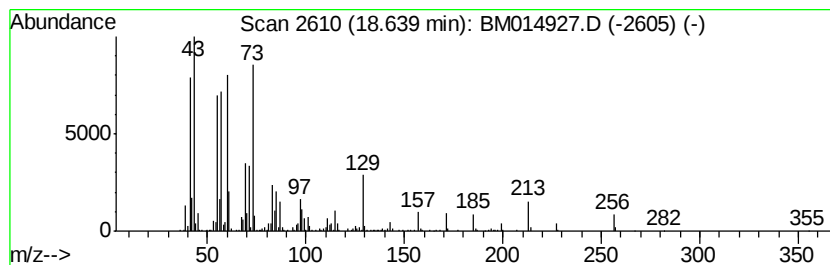
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.64	5.88 ng/ul	1140430	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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	



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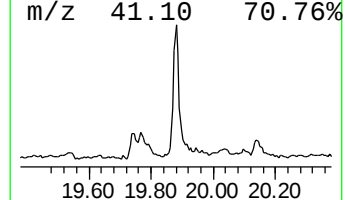
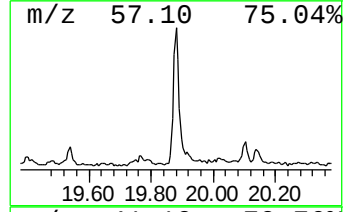
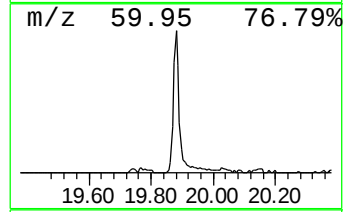
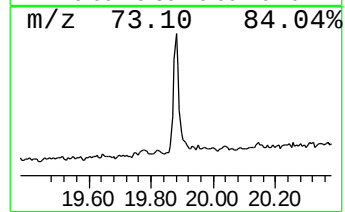
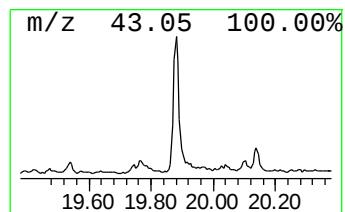
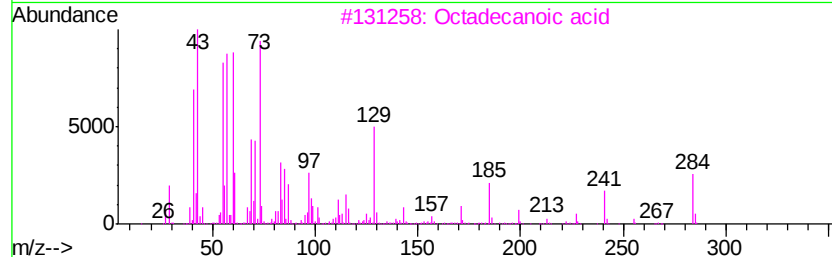
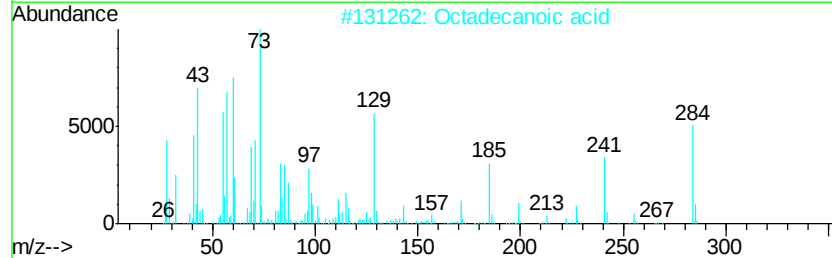
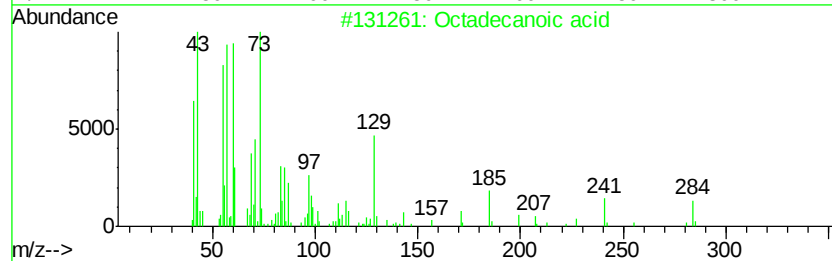
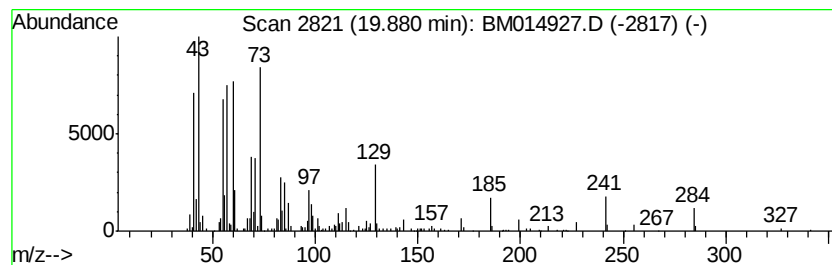
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Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.24 ng/ul	467464	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	99	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90	



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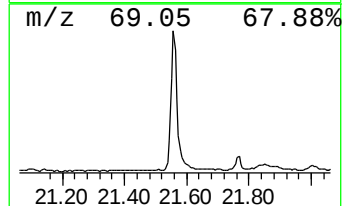
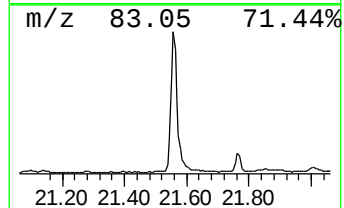
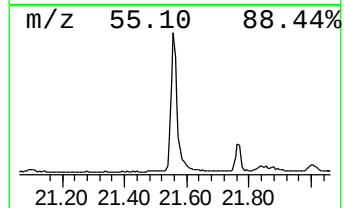
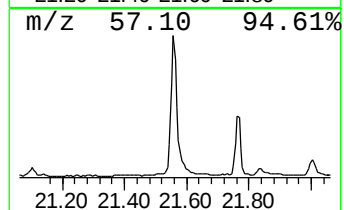
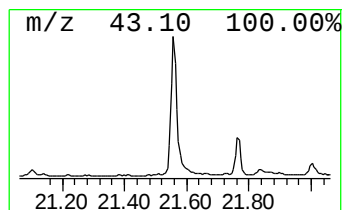
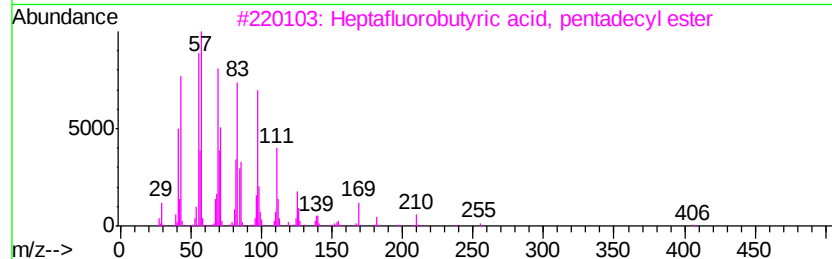
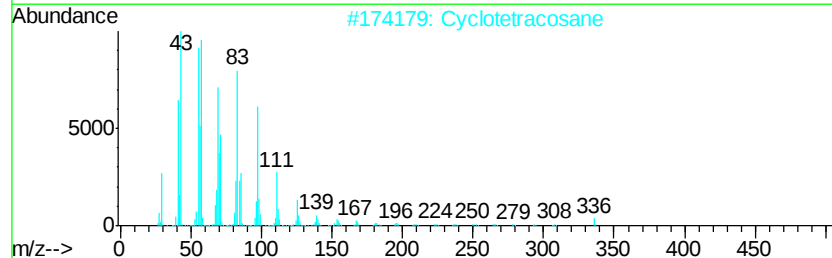
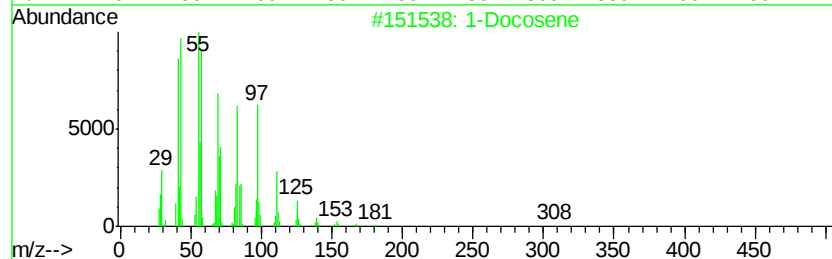
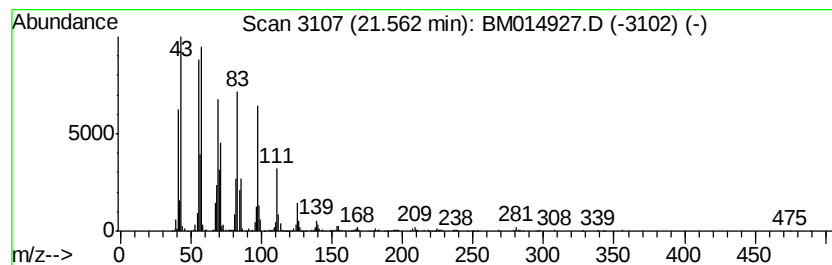
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	7.37 ng/ul	1534440	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	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014927.D
Acq On : 02 May 2018 17:48
Operator : SJ/JU
Sample : J2631-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

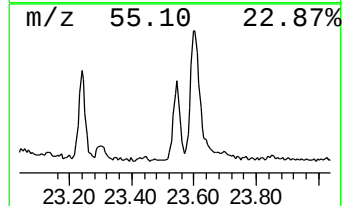
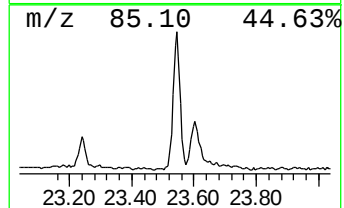
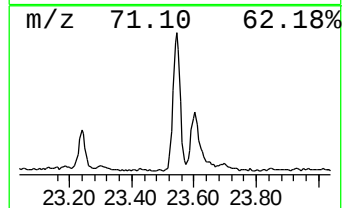
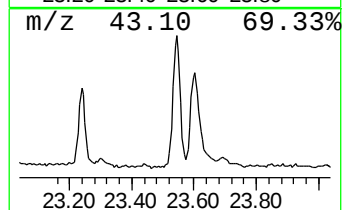
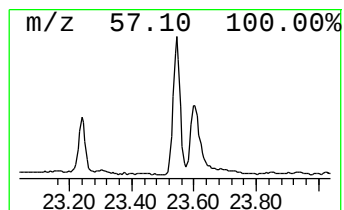
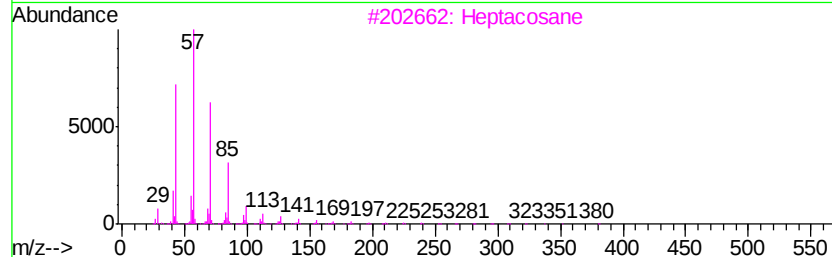
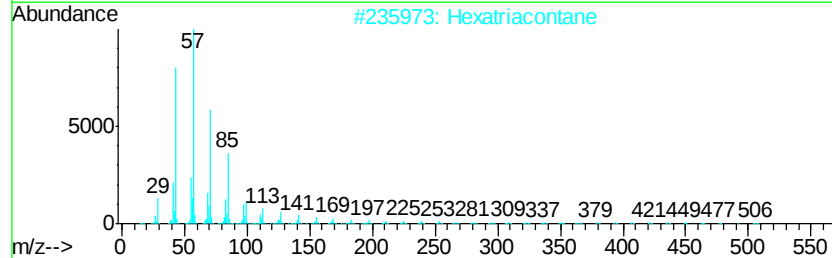
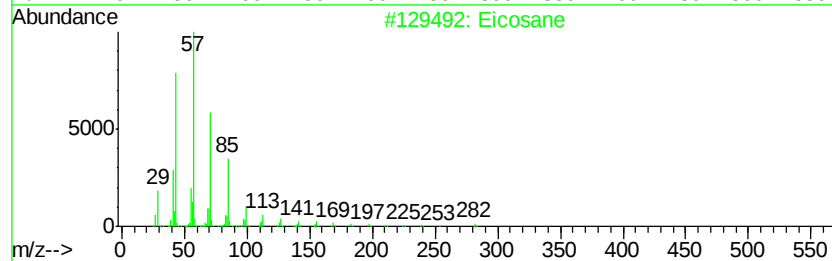
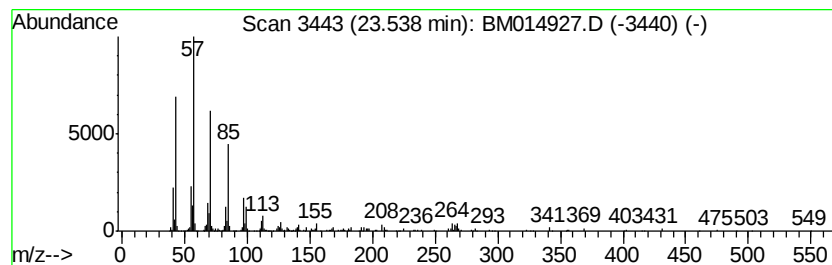
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	2.04 ng/ul	430453	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexatriacontane	507	C36H74	000630-06-8	83
3		Heptacosane	380	C27H56	000593-49-7	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Eicosane	282	C20H42	000112-95-8	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014927.D
Acq On : 02 May 2018 17:48
Operator : SJ/JU
Sample : J2631-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

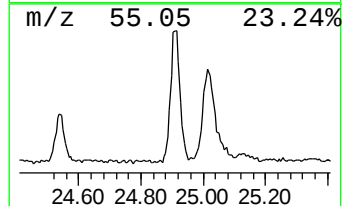
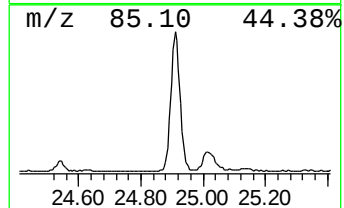
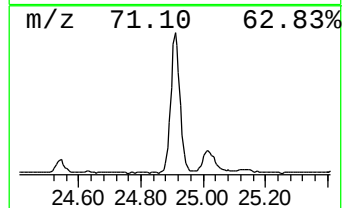
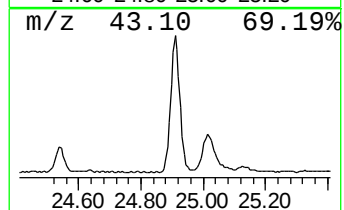
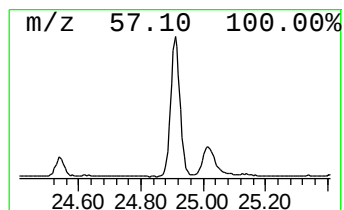
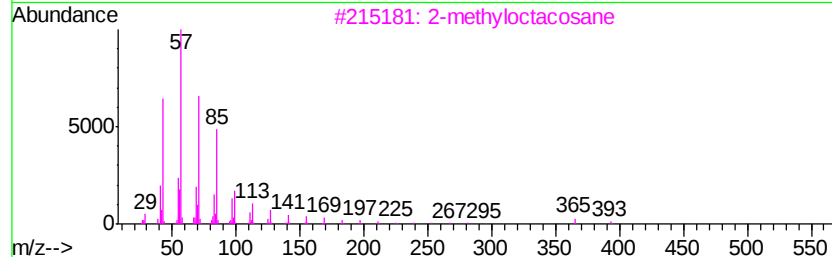
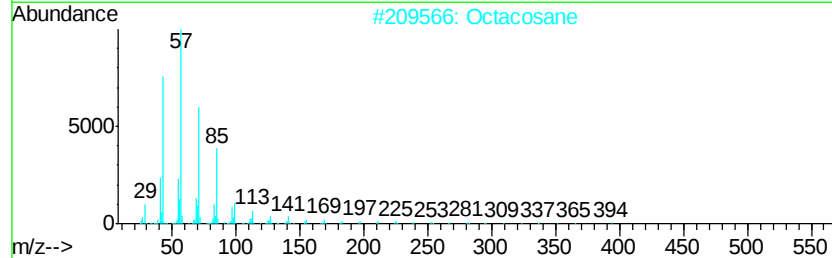
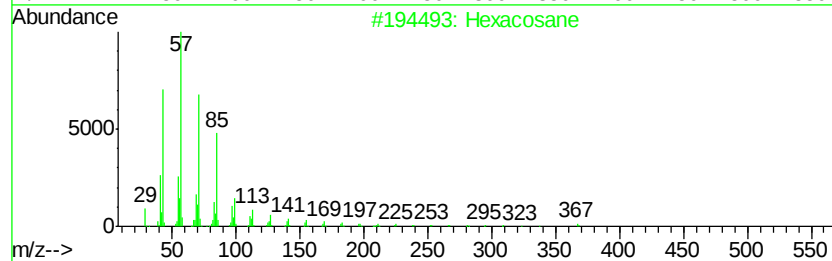
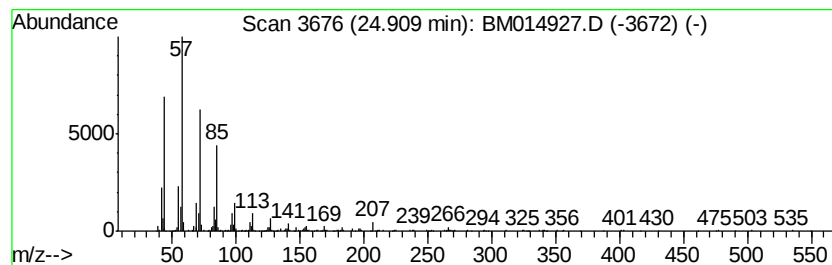
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	5.29 ng/ul	1117420	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
Data File : BM014927.D
Acq On : 02 May 2018 17:48
Operator : SJ/JU
Sample : J2631-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

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	30.0	ng/ul	3595600	1	8.49	2399970	20.0
2-Pentanone, 4-hy...	5.48	3.8	ng/ul	456655	1	8.49	2399970	20.0
n-Hexadecanoic acid	18.64	5.9	ng/ul	1140430	4	17.81	3876400	20.0
Octadecanoic acid	19.88	2.2	ng/ul	467464	5	21.90	4165900	20.0
(DEL) Alkane: Cyc...	21.56	7.4	ng/ul	1534440	5	21.90	4165900	20.0
(DEL) Alkane: Str...	23.54	2.0	ng/ul	430453	6	24.38	4222360	20.0
(DEL) Alkane: Str...	24.91	5.3	ng/ul	1117420	6	24.38	4222360	20.0