

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013125.D
 Acq On : 27 Nov 2017 23:45
 Operator : SJ/JU
 Sample : I6496-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

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-BM111617.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	296	302	309	rBV	111992	165682	1.81%	0.199%
2	6.893	639	647	658	rVB2	1052977	1860991	20.35%	2.234%
3	7.045	667	673	680	rBV	673045	1021369	11.17%	1.226%
4	7.245	699	707	714	rBV	1012409	1559104	17.05%	1.872%
5	7.704	778	785	792	rBV	756727	1204466	13.17%	1.446%
6	8.422	900	907	915	rBV	1359094	2192880	23.98%	2.633%
7	8.857	974	981	991	rVB	971519	1580979	17.29%	1.898%
8	9.575	1094	1103	1111	rBV2	875917	1410578	15.43%	1.694%
9	10.116	1188	1195	1206	rBV	1447358	2402571	26.28%	2.885%
10	10.486	1250	1258	1264	rBV	1059348	1792006	19.60%	2.152%
11	10.628	1274	1282	1297	rVB	978286	1674834	18.32%	2.011%
12	12.016	1509	1518	1525	rBV	391101	619116	6.77%	0.743%
13	13.763	1809	1815	1819	rBV	3053640	4078828	44.61%	4.897%
14	13.804	1819	1822	1832	rVB	403053	588208	6.43%	0.706%
15	14.039	1855	1862	1871	rVB	3009135	4477139	48.96%	5.375%
16	14.257	1894	1899	1903	rVB2	115159	152008	1.66%	0.183%
17	14.345	1907	1914	1921	rBV2	1670557	2569413	28.10%	3.085%
18	14.569	1944	1952	1964	rBV	1413633	2157101	23.59%	2.590%
19	15.210	2057	2061	2066	rVB	146395	193939	2.12%	0.233%
20	15.345	2076	2084	2090	rBV	3826219	5552473	60.72%	6.666%
21	15.463	2097	2104	2110	rBV	1346530	1855963	20.30%	2.228%
22	15.580	2119	2124	2128	rBV3	51226	95025	1.04%	0.114%
23	16.074	2204	2208	2216	rVB	121252	194746	2.13%	0.234%
24	17.092	2372	2381	2386	rBV2	2309288	3302842	36.12%	3.965%
25	17.133	2386	2388	2392	rVV	187899	223519	2.44%	0.268%
26	17.192	2392	2398	2408	rVB	4566487	6506507	71.16%	7.812%
27	17.492	2439	2449	2454	rBV6	31763	92510	1.01%	0.111%
28	18.004	2531	2536	2544	rVV2	756087	1057503	11.57%	1.270%
29	18.157	2556	2562	2566	rBV3	60377	114063	1.25%	0.137%
30	18.886	2681	2686	2690	rBV3	68837	114518	1.25%	0.137%
31	19.151	2721	2731	2739	rBV	722537	1187089	12.98%	1.425%
32	19.286	2749	2754	2761	rBV	699215	949005	10.38%	1.139%
33	19.374	2766	2769	2777	rVB3	54619	92917	1.02%	0.112%
34	19.486	2782	2788	2801	rVV	6217705	9143695	100.00%	10.978%

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Integration Parameters: LSCINT.P

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.839	2842	2848	2854	rBV5	52188	142217	1.56%	0.171%
36	20.009	2873	2877	2881	rVB	108326	149667	1.64%	0.180%
37	20.109	2890	2894	2898	rBV2	77981	114623	1.25%	0.138%
38	20.162	2899	2903	2909	rVB4	67120	122216	1.34%	0.147%
39	20.756	3000	3004	3011	rVB	66138	100011	1.09%	0.120%
40	20.998	3041	3045	3050	rVV2	750147	912620	9.98%	1.096%
41	21.274	3085	3092	3096	rBV2	3483552	4880114	53.37%	5.859%
42	21.309	3096	3098	3105	rVB	406791	503614	5.51%	0.605%
43	21.445	3116	3121	3124	rBV4	78792	136914	1.50%	0.164%
44	21.586	3141	3145	3149	rBV5	68977	126569	1.38%	0.152%
45	21.886	3190	3196	3203	rBV4	291423	596822	6.53%	0.717%
46	22.839	3352	3358	3362	rBV2	540303	1080315	11.81%	1.297%
47	23.315	3434	3439	3441	rBV	159403	287099	3.14%	0.345%
48	23.368	3441	3448	3453	rBV	4345344	7729161	84.53%	9.280%
49	23.503	3464	3471	3477	rBV	2018805	3756492	41.08%	4.510%
50	24.050	3560	3564	3571	rVB2	251560	468126	5.12%	0.562%

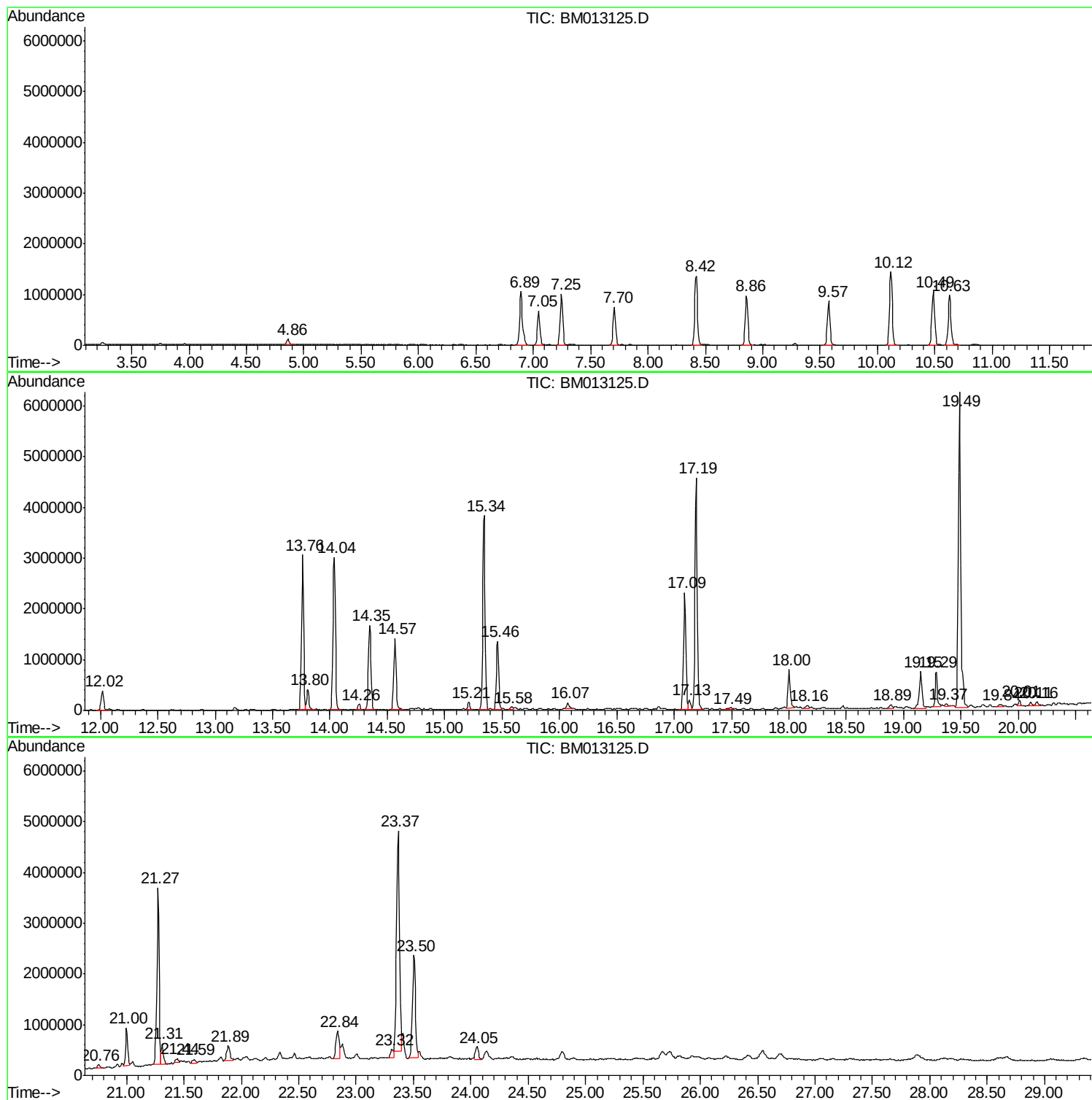
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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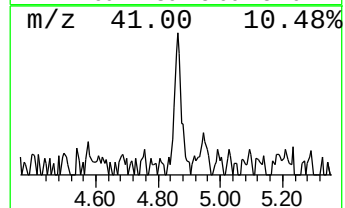
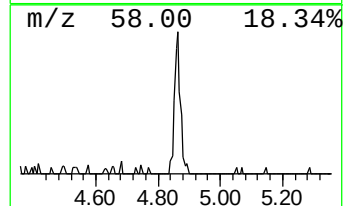
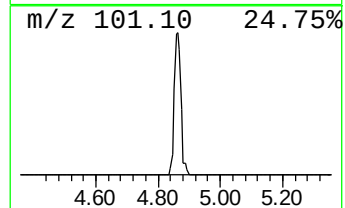
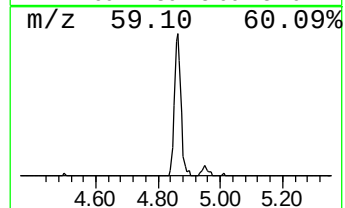
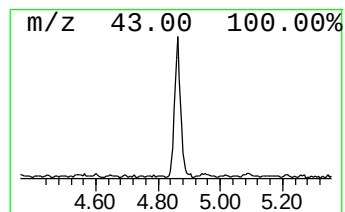
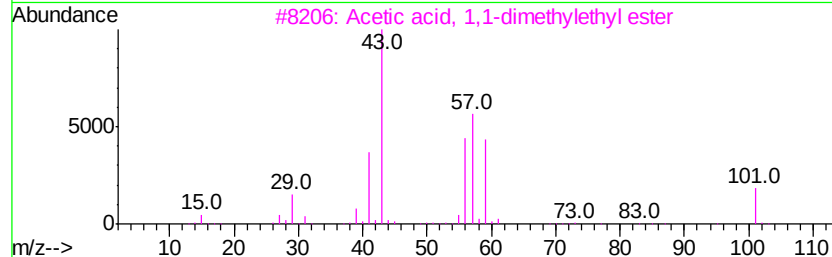
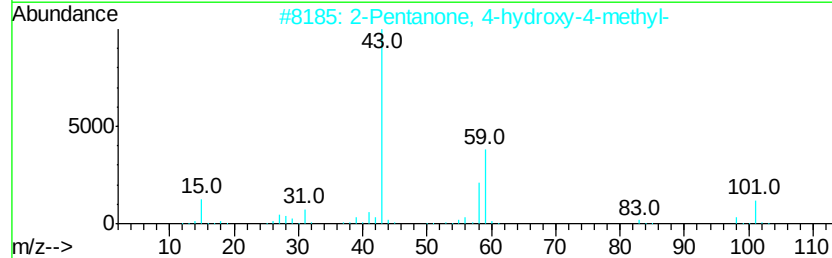
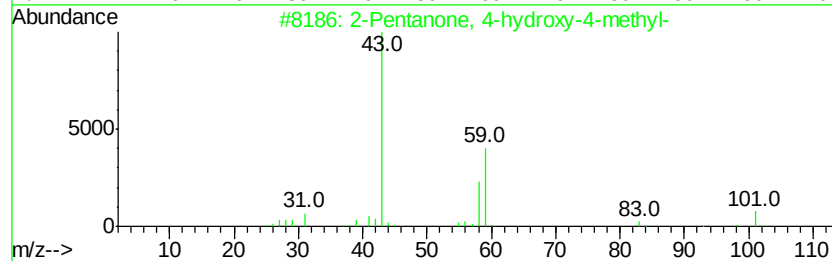
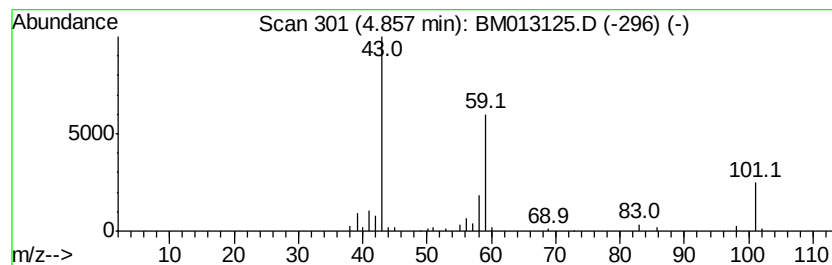
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.86	2.75 ng/ul	165682	1,4-Dichlorobenzene-d4	7.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



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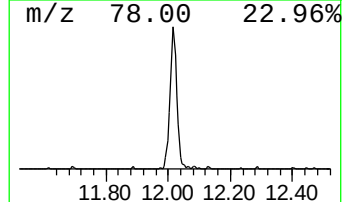
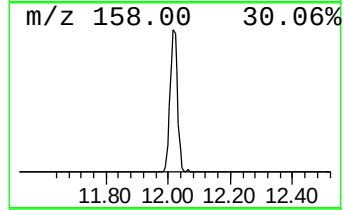
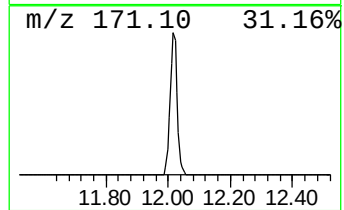
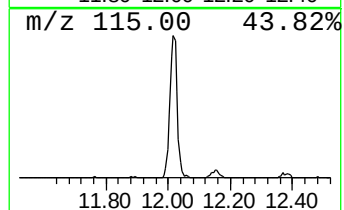
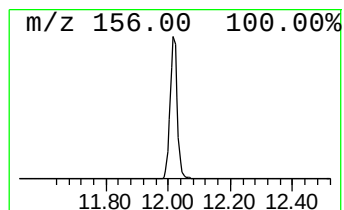
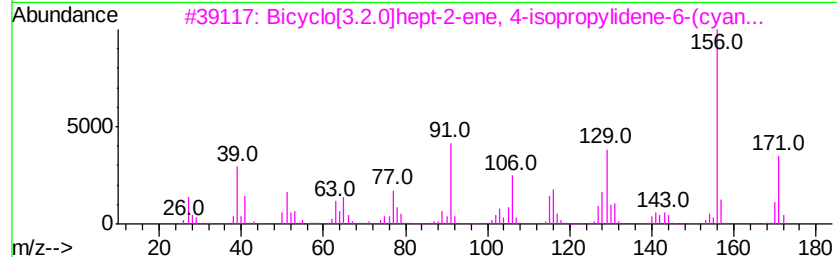
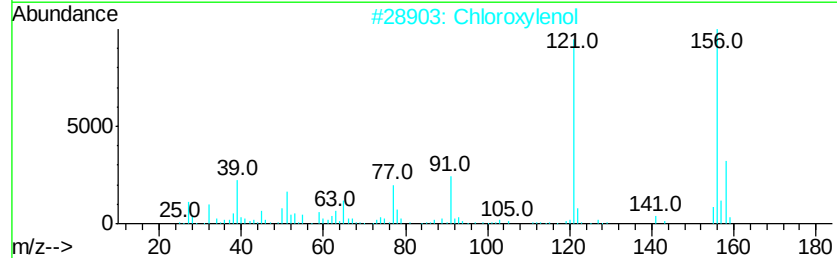
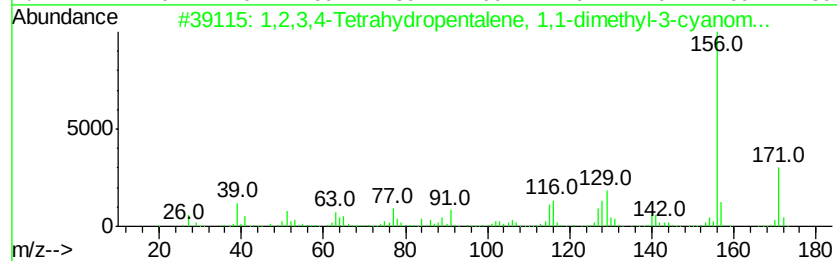
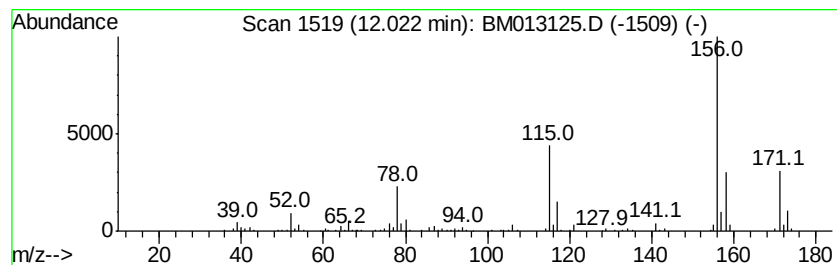
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.91 ng/ul	619116	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
2		Chloroxyleneol	156	C8H9ClO	000088-04-0	32
3		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4		6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28



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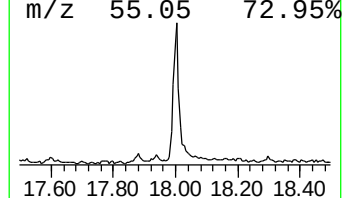
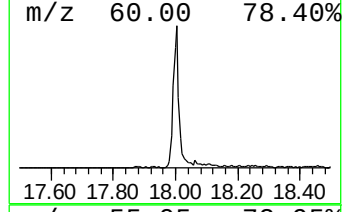
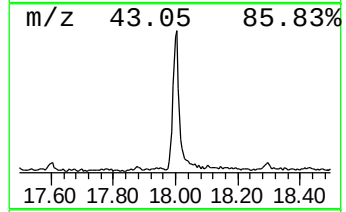
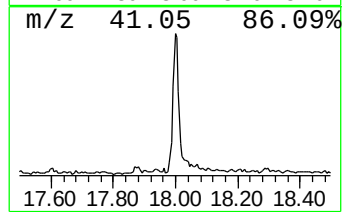
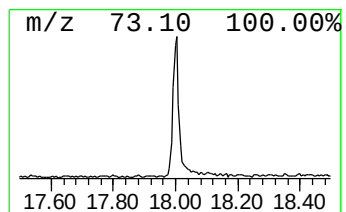
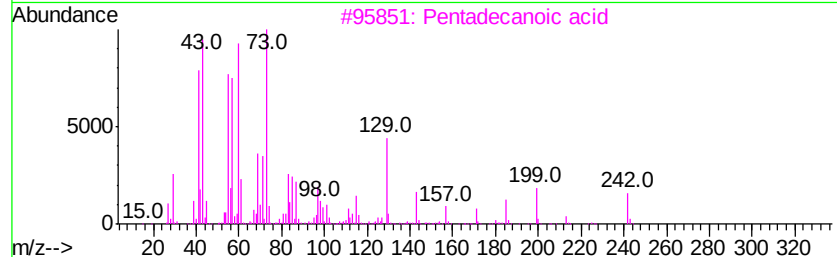
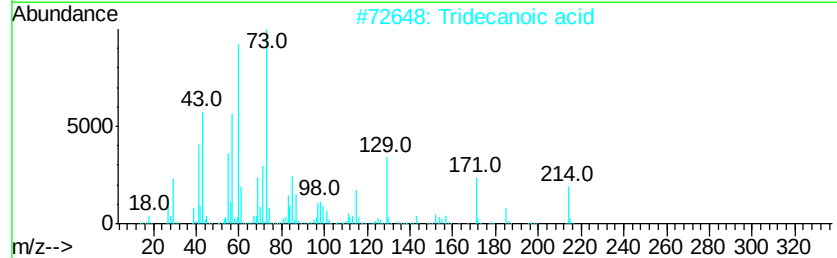
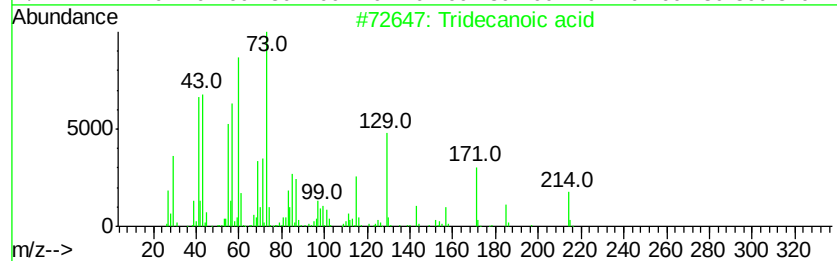
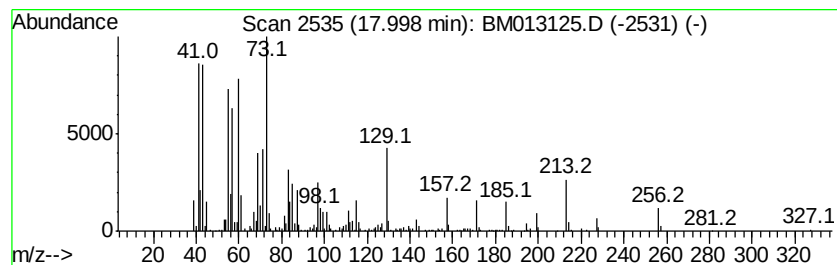
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.00	6.40 ng/ul	1057500	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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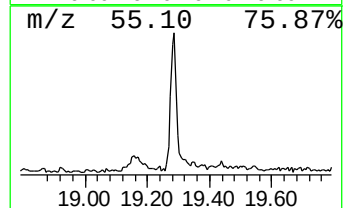
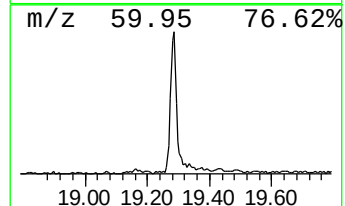
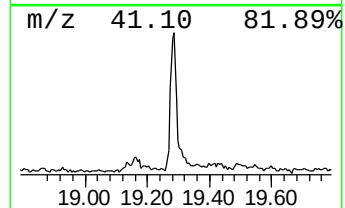
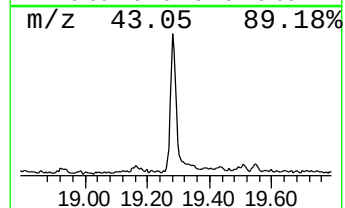
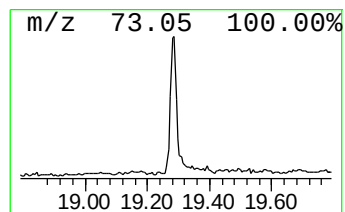
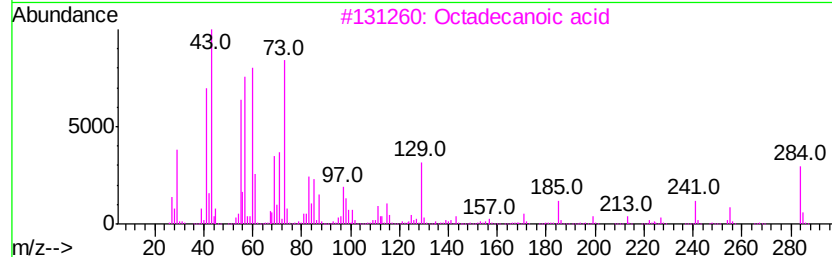
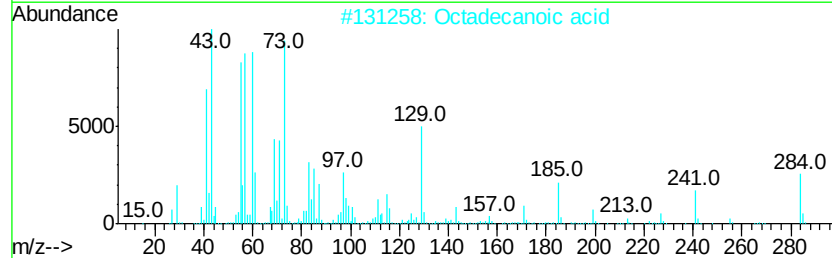
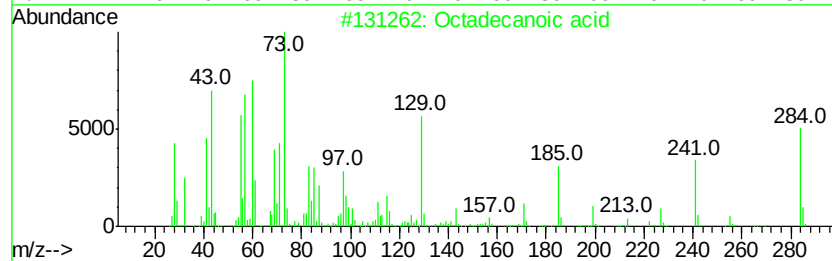
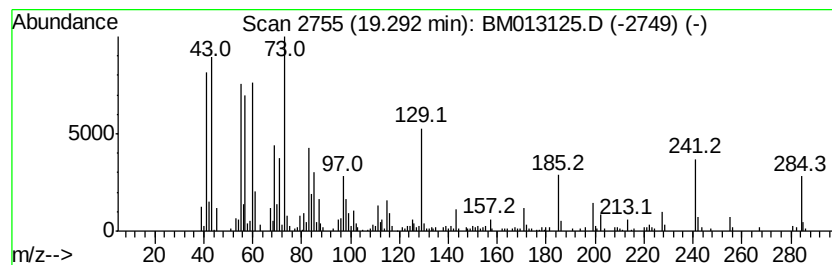
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.89 ng/ul	949005	Chrysene-d12	21.27
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 98
4	Octadecanoic acid	284	C18H36O2	000057-11-4 93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8 83



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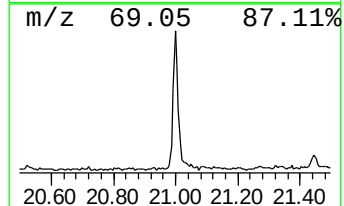
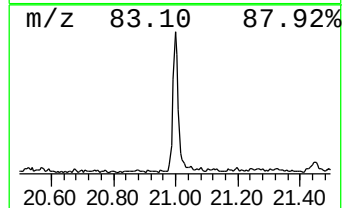
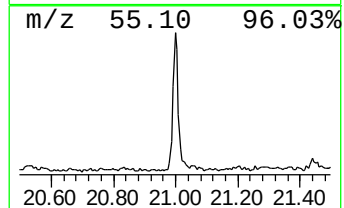
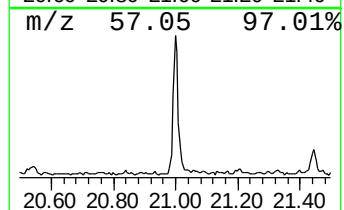
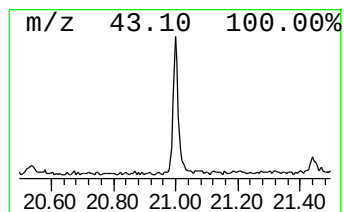
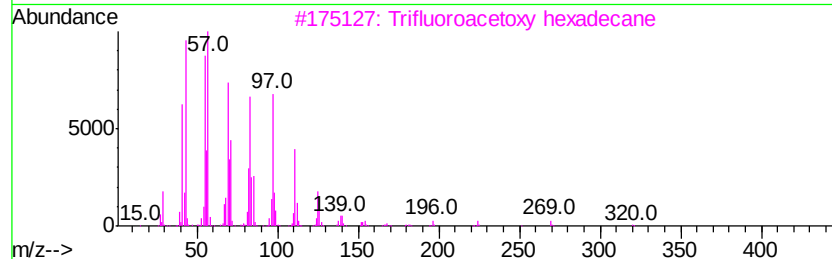
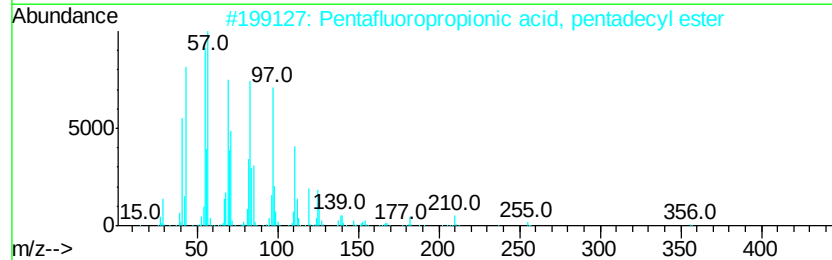
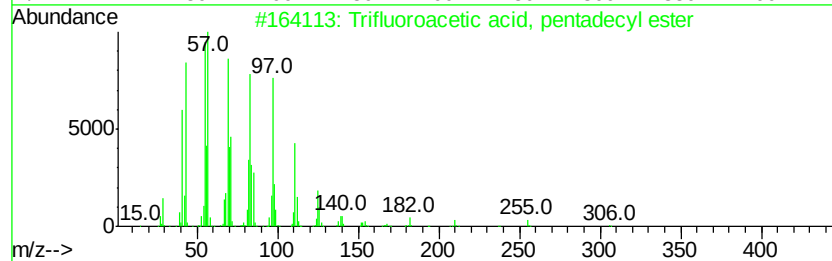
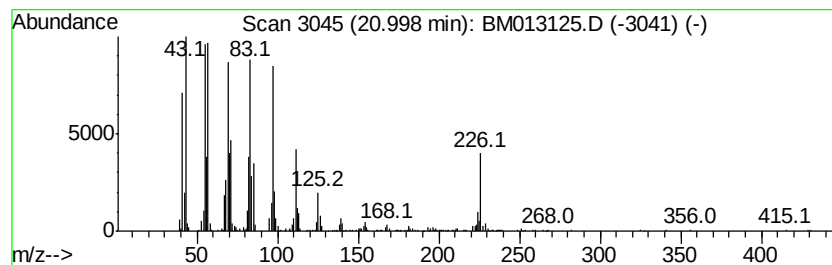
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.74 ng/ul	912620	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Cetene	224	C16H32	000629-73-2	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013125.D
Acq On : 27 Nov 2017 23:45
Operator : SJ/JU
Sample : I6496-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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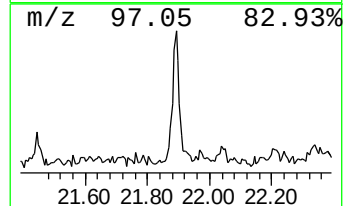
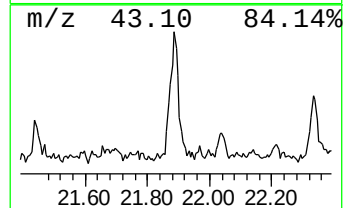
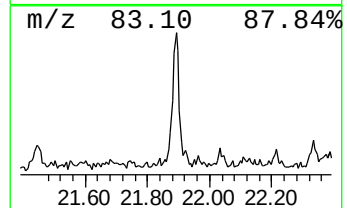
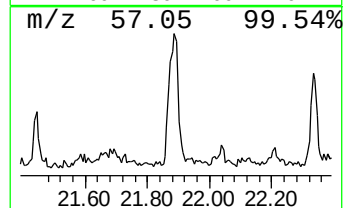
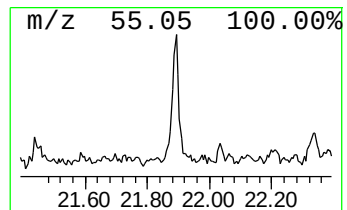
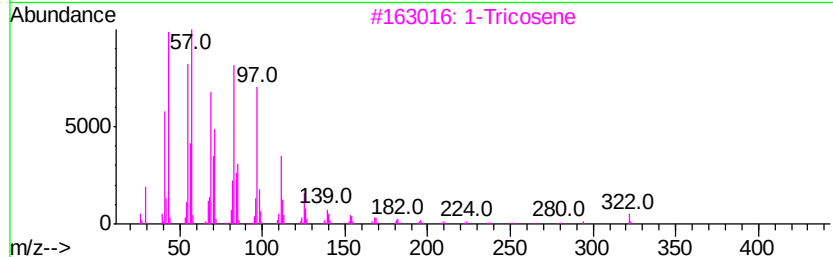
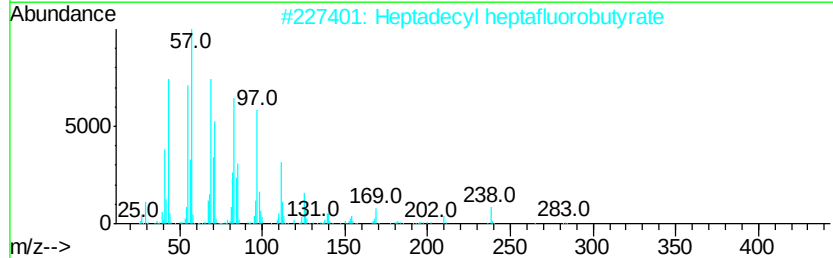
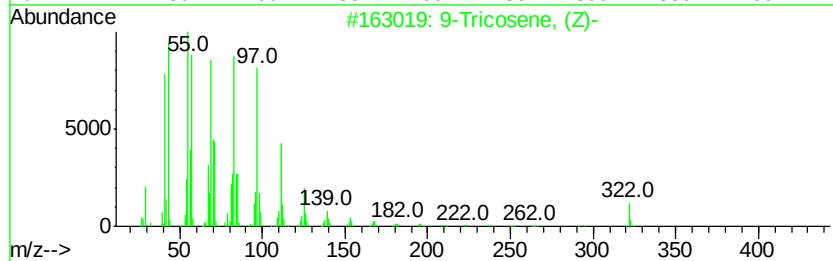
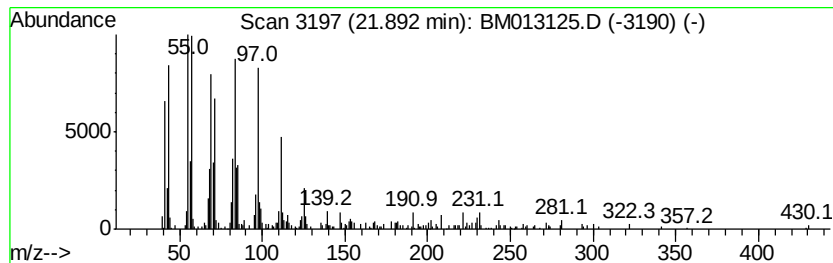
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.45 ng/ul	596822	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-		322	C23H46	027519-02-4	94
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	91
3	1-Tricosene		322	C23H46	018835-32-0	90
4	9-Tricosene, (Z)-		322	C23H46	027519-02-4	87
5	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013125.D
Acq On : 27 Nov 2017 23:45
Operator : SJ/JU
Sample : I6496-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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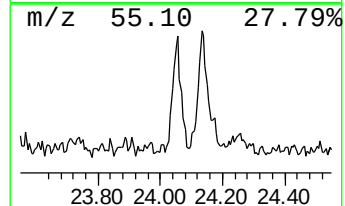
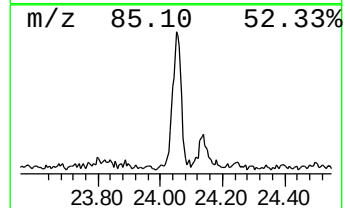
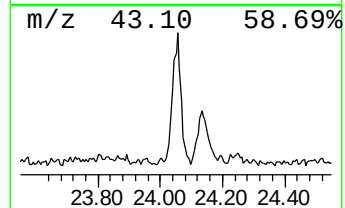
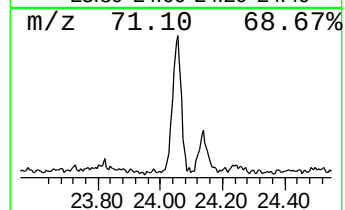
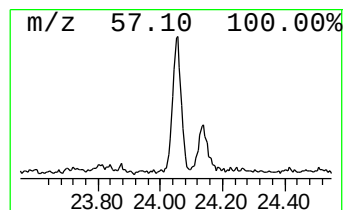
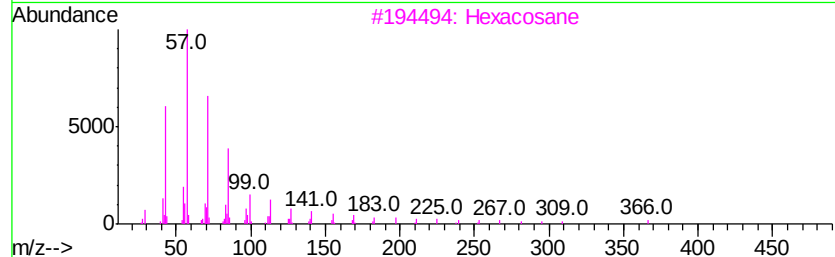
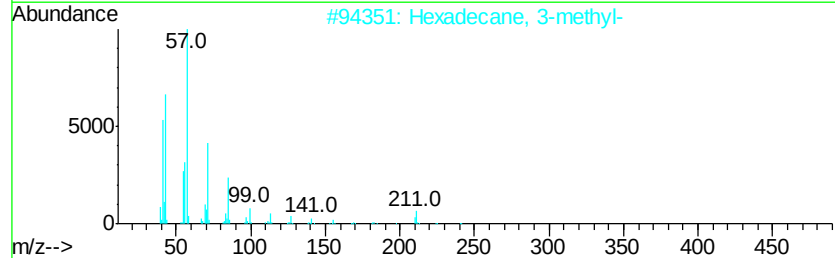
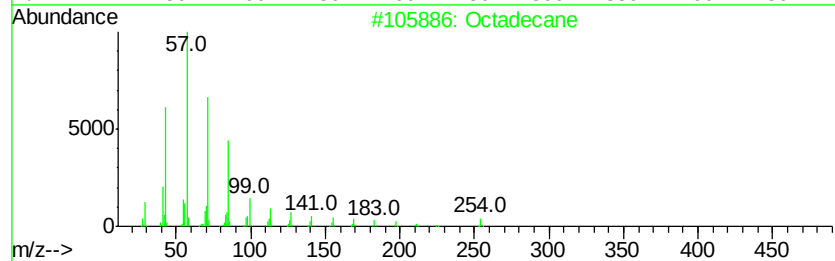
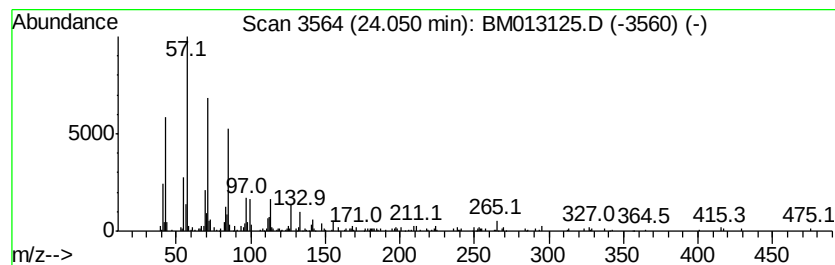
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.49 ng/ul	468126	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
3		Hexacosane	366	C26H54	000630-01-3	81
4		Hexacosane	366	C26H54	000630-01-3	76
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112717\
Data File : BM013125.D
Acq On : 27 Nov 2017 23:45
Operator : SJ/JU
Sample : I6496-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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-Pentanone, 4-hy...	4.86	2.8	ng/ul	165682	1	7.70	1204470	20.0
unknown-01	12.02	6.9	ng/ul	619116	2	10.49	1792010	20.0
Tridecanoic acid	18.00	6.4	ng/ul	1057500	4	17.09	3302840	20.0
Octadecanoic acid	19.29	3.9	ng/ul	949005	5	21.27	4880110	20.0
Trifluoroacetic a...	21.00	3.7	ng/ul	912620	5	21.27	4880110	20.0
(DEL) Alkane: Cyc...	21.89	2.5	ng/ul	596822	5	21.27	4880110	20.0
(DEL) Alkane: Str...	24.05	2.5	ng/ul	468126	6	23.50	3756490	20.0