

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
 Data File : BM013532.D
 Acq On : 26 Dec 2017 13:40
 Operator : SJ/JU
 Sample : I7046-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL2

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-BM113017.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	3.222	20	23	30	rBV3	50612	63658	1.58%	0.118%
2	6.845	633	639	654	rVB2	839569	1599689	39.72%	2.973%
3	7.010	661	667	677	rBV	679368	1030338	25.58%	1.915%
4	7.204	693	700	708	rBV	934117	1468742	36.47%	2.730%
5	7.669	772	779	787	rBV	751932	1210009	30.04%	2.249%
6	8.375	892	899	916	rVB2	1022840	1667607	41.40%	3.099%
7	8.822	969	975	984	rBV	930508	1556677	38.65%	2.893%
8	8.945	992	996	1009	rVB6	23533	45420	1.13%	0.084%
9	9.228	1039	1044	1048	rVB4	25666	41680	1.03%	0.077%
10	9.539	1089	1097	1108	rBV	797665	1325976	32.92%	2.464%
11	10.075	1180	1188	1202	rBV	1156277	1989549	49.40%	3.698%
12	10.445	1244	1251	1262	rVB	1114153	1794538	44.56%	3.335%
13	10.592	1269	1276	1290	rBV	749021	1397036	34.69%	2.596%
14	13.133	1703	1708	1716	rVB2	49746	75167	1.87%	0.140%
15	13.292	1726	1735	1740	rVB2	96351	151020	3.75%	0.281%
16	13.610	1783	1789	1790	rBV5	28148	46248	1.15%	0.086%
17	13.727	1802	1809	1813	rBV	2052004	2821428	70.05%	5.244%
18	13.774	1813	1817	1825	rVV	581431	848692	21.07%	1.577%
19	14.004	1847	1856	1864	rBV	2399538	3478095	86.36%	6.464%
20	14.216	1886	1892	1897	rBV	148469	191500	4.75%	0.356%
21	14.310	1900	1908	1920	rVV2	1556082	2431731	60.38%	4.520%
22	14.533	1940	1946	1952	rBV	434035	760168	18.87%	1.413%
23	14.586	1952	1955	1961	rVB4	121271	181295	4.50%	0.337%
24	14.839	1994	1998	2003	rVB2	36274	55272	1.37%	0.103%
25	15.168	2050	2054	2060	rVB	155322	209355	5.20%	0.389%
26	15.310	2069	2078	2085	rBV	2909333	3984822	98.94%	7.406%
27	15.445	2095	2101	2111	rBV	585783	894932	22.22%	1.663%
28	15.557	2114	2120	2122	rBV4	44602	77991	1.94%	0.145%
29	16.033	2197	2201	2208	rBV2	134684	211168	5.24%	0.392%
30	16.827	2332	2336	2340	rBV2	72096	92490	2.30%	0.172%
31	16.968	2354	2360	2367	rVB9	21881	44897	1.11%	0.083%
32	17.062	2367	2376	2383	rBV2	1875142	2684252	66.65%	4.989%
33	17.162	2386	2393	2404	rVB	2807302	3967461	98.51%	7.374%
34	17.568	2456	2462	2465	rBV2	33860	48145	1.20%	0.089%

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Integration Parameters: LSCINT.P

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35	17.839	2502	2508	2513	rBV6	23181	52371	1.30%	0.097%
36	17.968	2525	2530	2540	rBV	480576	703173	17.46%	1.307%
37	18.262	2576	2580	2584	rBV5	32830	42410	1.05%	0.079%
38	19.098	2718	2722	2725	rBV3	50851	73276	1.82%	0.136%
39	19.250	2743	2748	2760	rBV	309932	481050	11.94%	0.894%
40	19.345	2762	2764	2770	rVB3	28456	41566	1.03%	0.077%
41	19.462	2778	2784	2791	rBV	2995070	4027569	100.00%	7.486%
42	19.986	2868	2873	2875	rBV5	36149	48980	1.22%	0.091%
43	20.974	3036	3041	3050	rBV	378928	530689	13.18%	0.986%
44	21.180	3072	3076	3078	rBV4	32894	41255	1.02%	0.077%
45	21.256	3083	3089	3096	rBV	1794050	2373826	58.94%	4.412%
46	21.674	3156	3160	3167	rBV	290277	368774	9.16%	0.685%
47	21.862	3186	3192	3201	rBV3	262577	459937	11.42%	0.855%
48	22.421	3284	3287	3292	rVB2	107971	150561	3.74%	0.280%
49	22.797	3347	3351	3356	rBV	206470	297749	7.39%	0.553%
50	23.333	3435	3442	3451	rBV2	1652011	3341860	82.97%	6.211%
51	23.474	3460	3466	3477	rVB	1038318	2011807	49.95%	3.739%
52	23.997	3550	3555	3561	rVB2	172430	310783	7.72%	0.578%

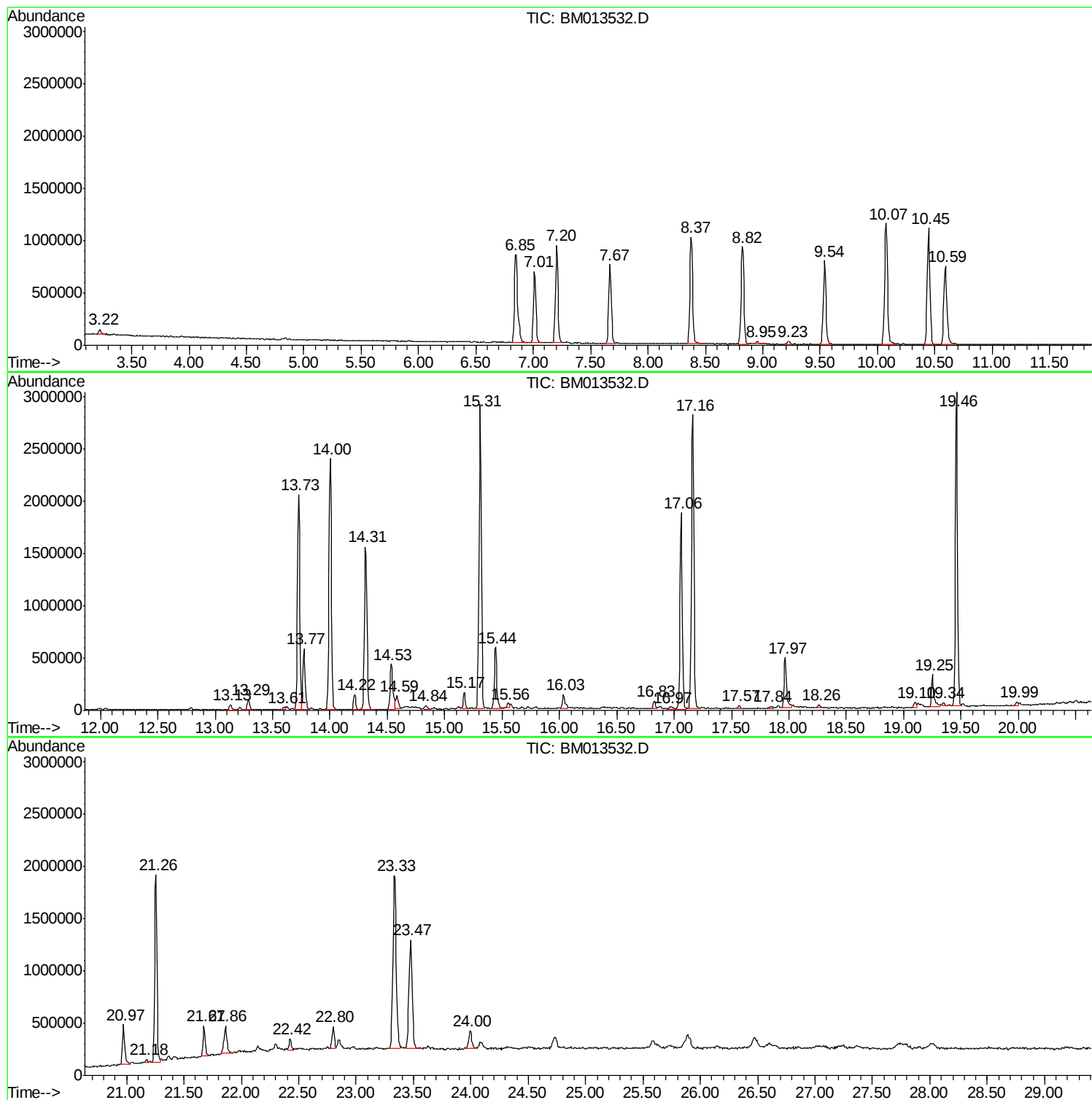
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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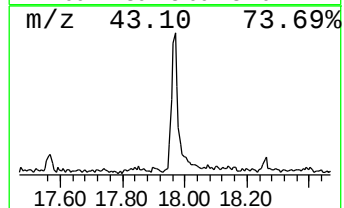
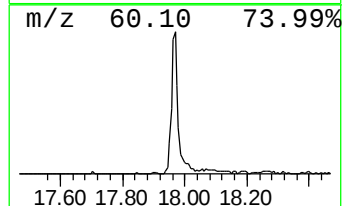
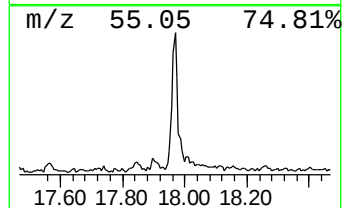
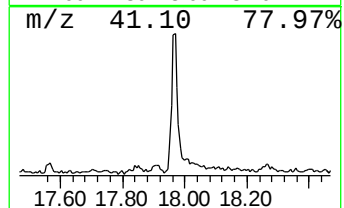
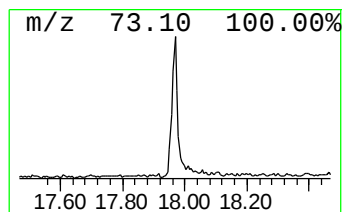
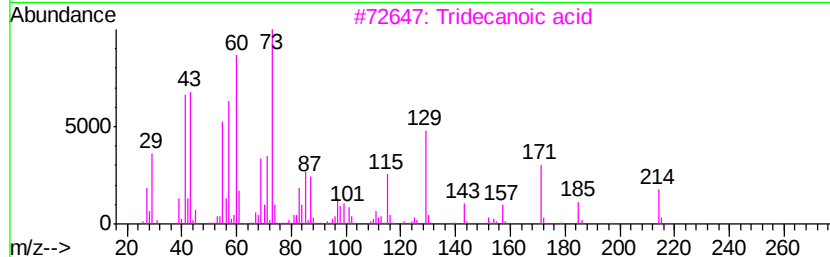
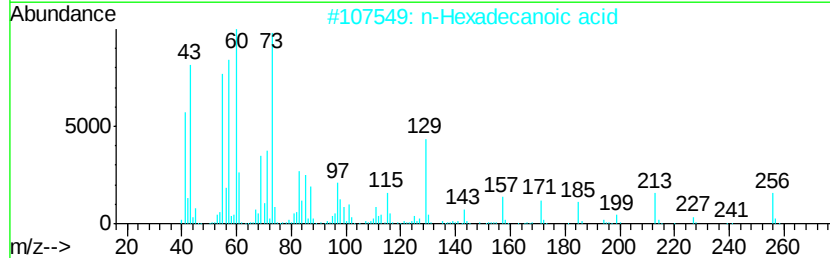
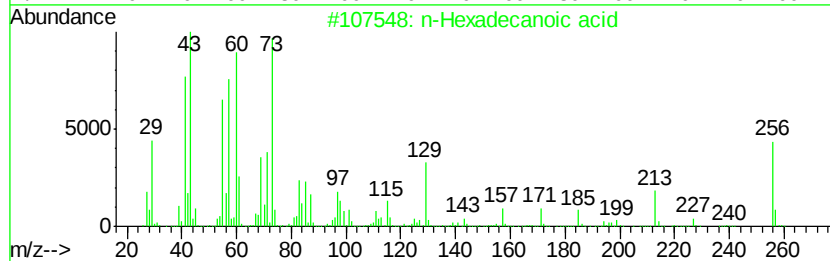
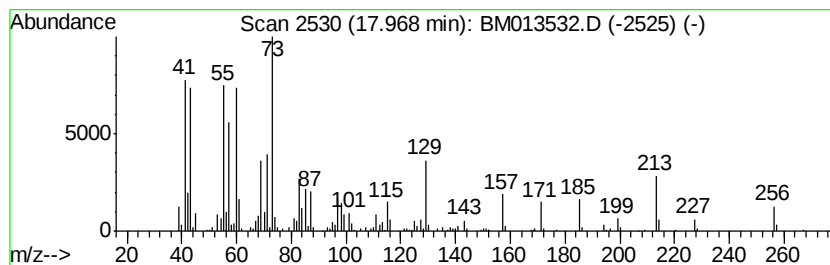
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.24 ng/ul	703173	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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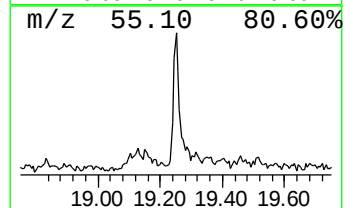
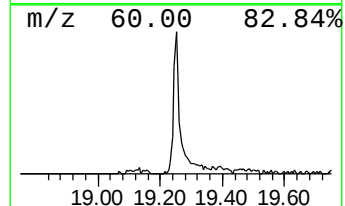
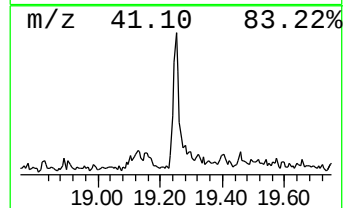
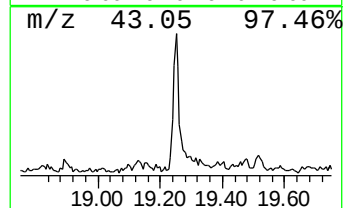
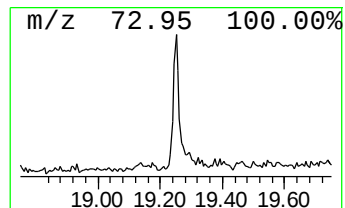
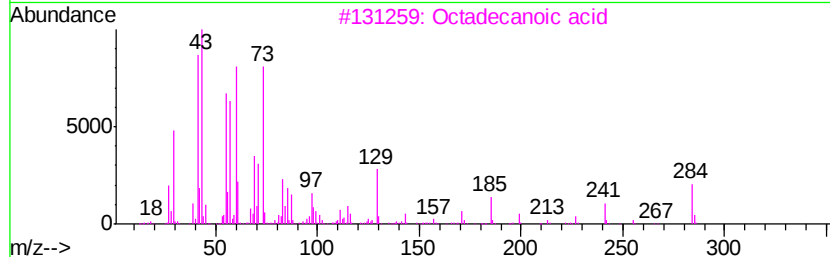
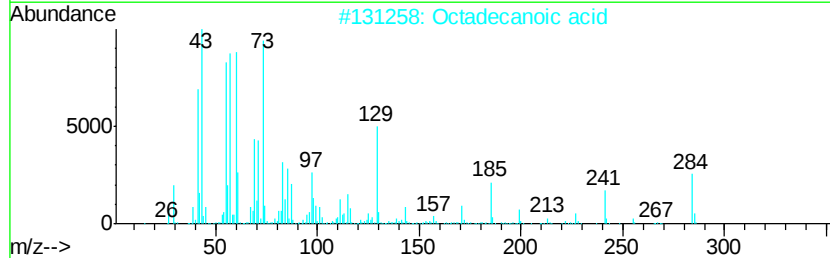
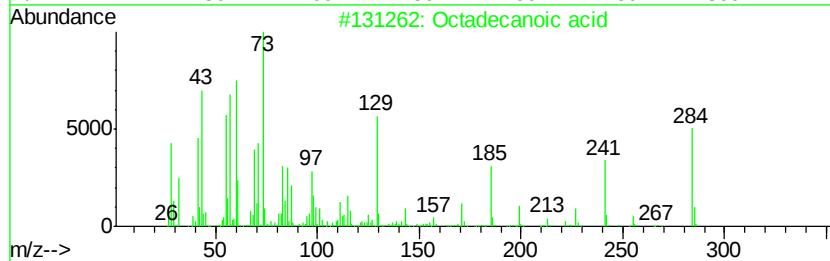
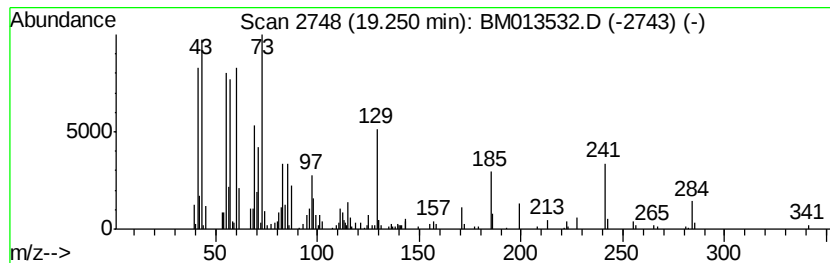
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	4.05 ng/ul	481050	Chrysene-d12	21.26

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	96	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	



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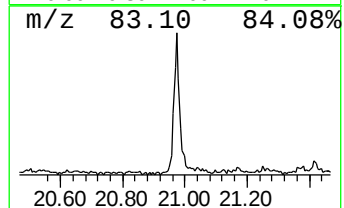
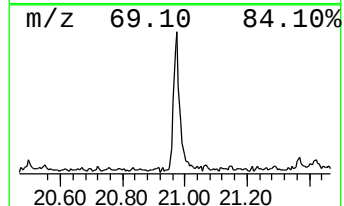
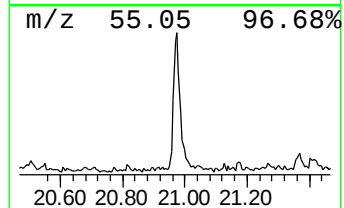
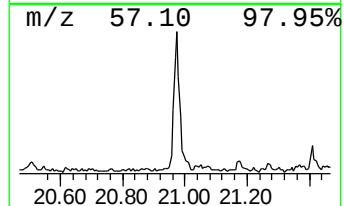
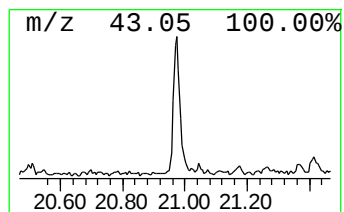
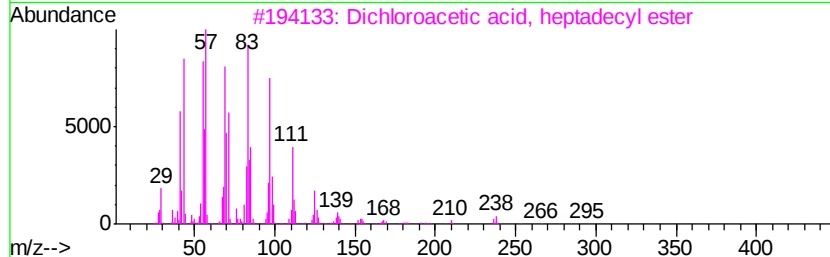
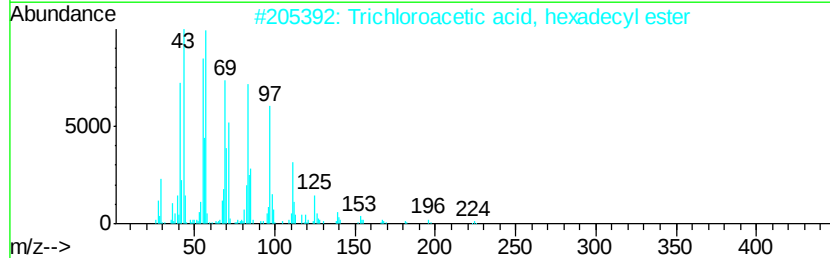
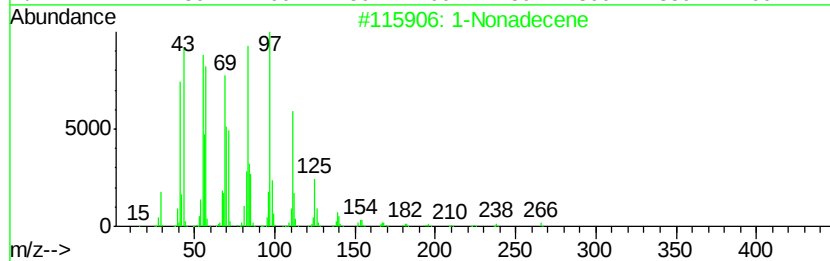
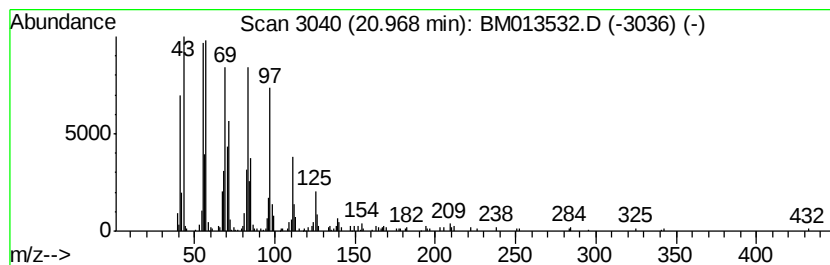
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.47 ng/ul	530689	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



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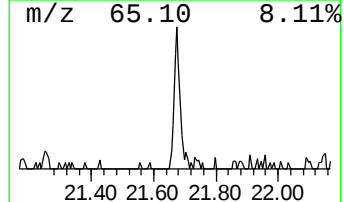
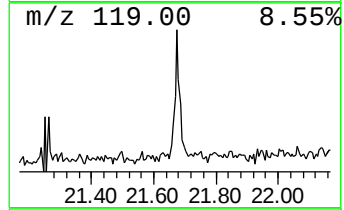
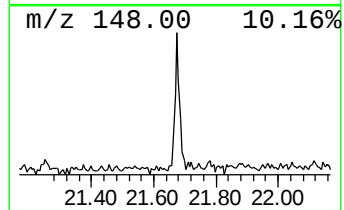
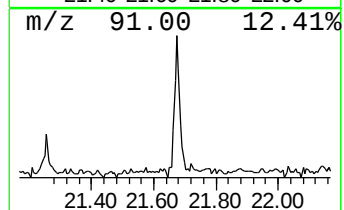
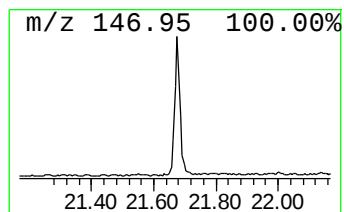
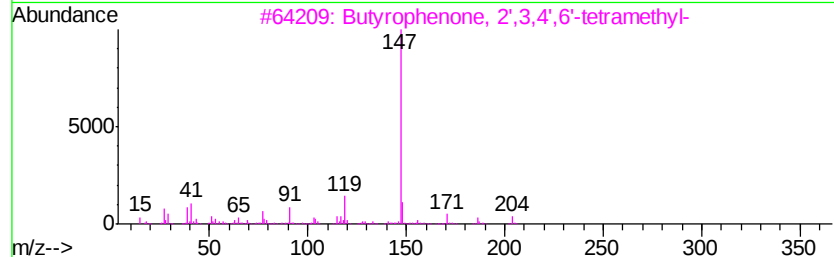
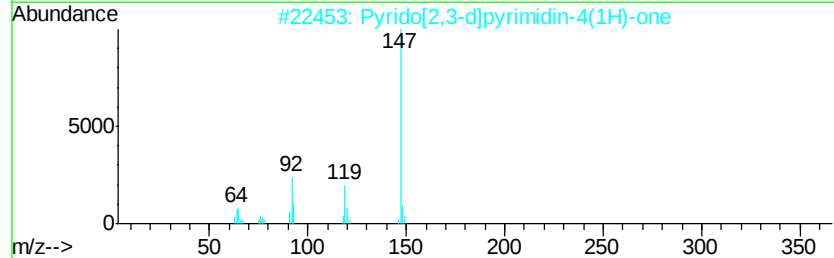
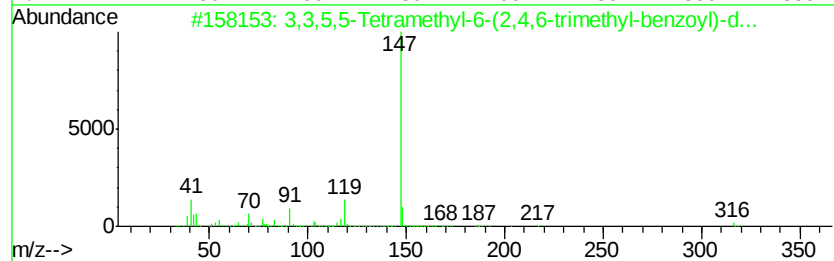
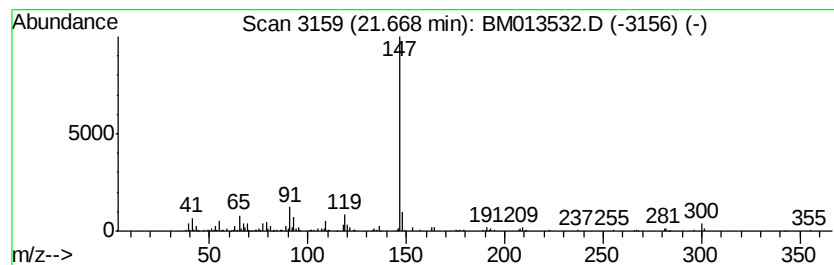
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Peak Number 4 3,3,5,5-Tetramethyl-6-(2,4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.11 ng/ul	368774	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3,5,5-Tetramethyl-6-(2,4,6-tri...	316	C19H24O4	1000300-11-3	72
2		Pyrido[2,3-d]pyrimidin-4(1H)-one	147	C7H5N3O	024410-19-3	64
3		Butyrophenone, 2',3,4',6'-tetram...	204	C14H20O	005344-18-3	59
4		Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	56
5		Ethanone, 1-[4-(1-methylethyl)ph...	162	C11H14O	000645-13-6	56



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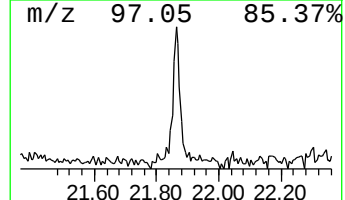
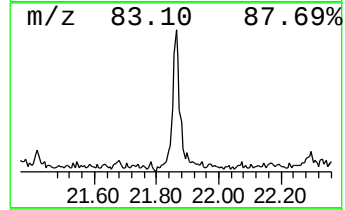
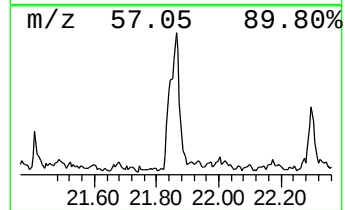
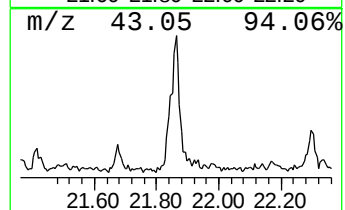
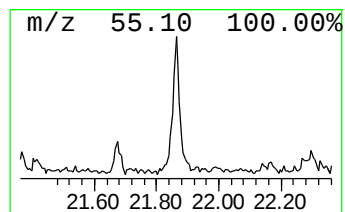
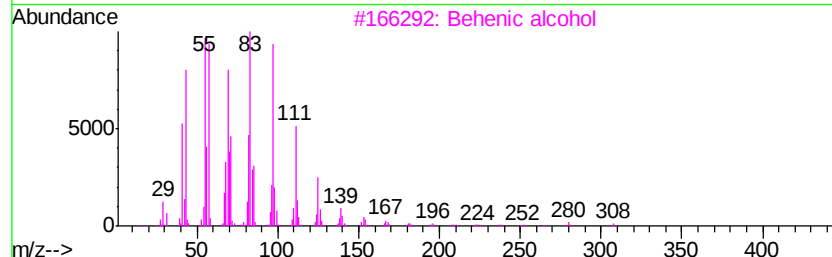
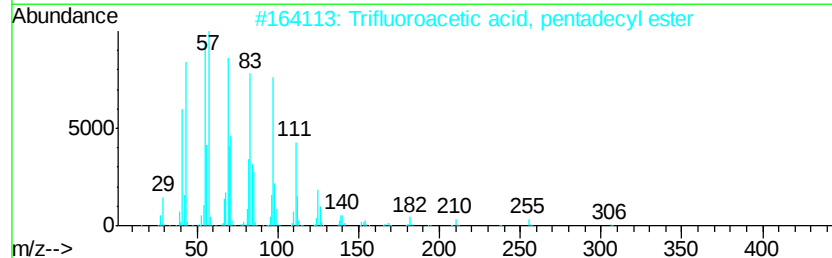
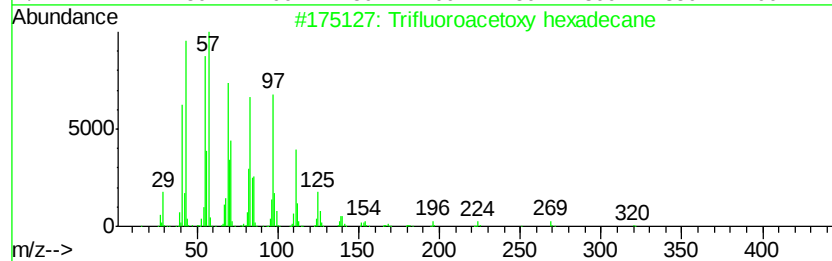
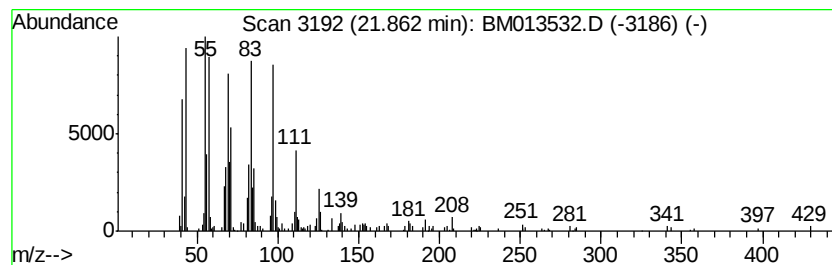
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.88 ng/ul	459937	Chrysene-d12	21.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013532.D
Acq On : 26 Dec 2017 13:40
Operator : SJ/JU
Sample : I7046-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL2

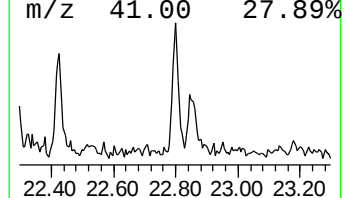
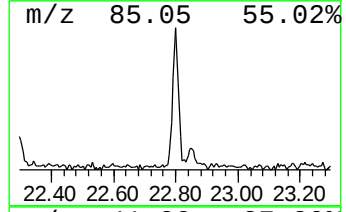
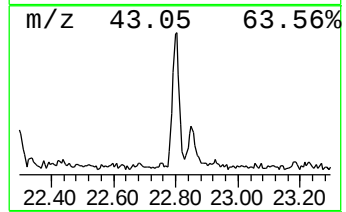
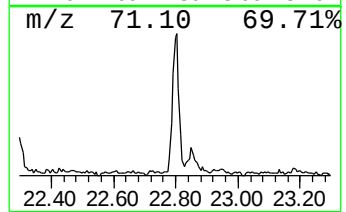
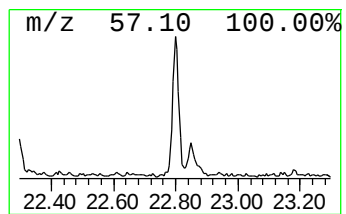
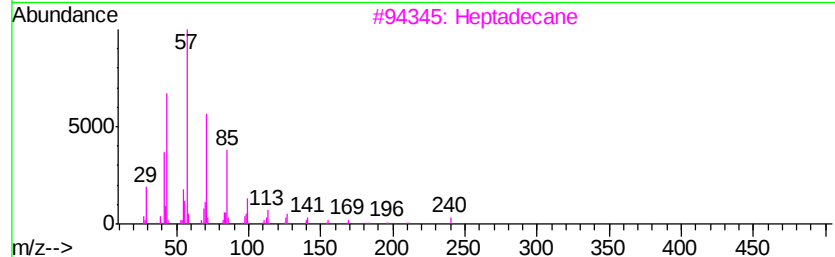
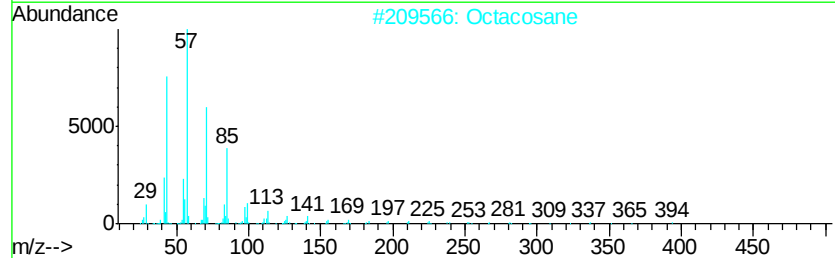
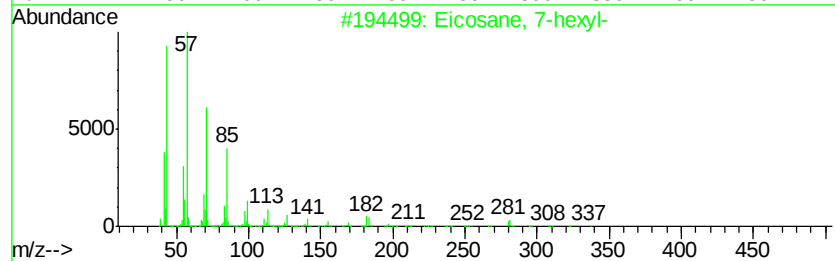
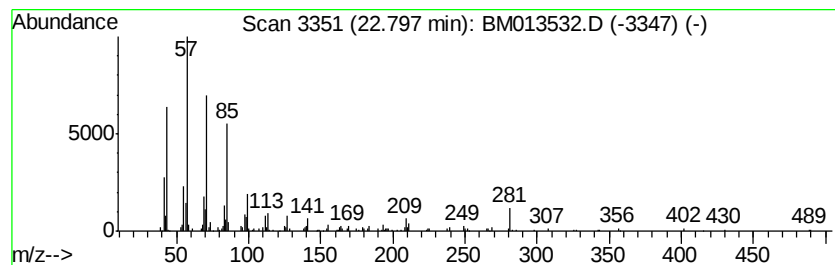
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Quant Title : SVOA CALIBRATION

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.
22.80	2.96 ng/ul	297749	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
2		Octacosane	394	C28H58	000630-02-4	74
3		Heptadecane	240	C17H36	000629-78-7	74
4		Octadecane	254	C18H38	000593-45-3	74
5		Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013532.D
Acq On : 26 Dec 2017 13:40
Operator : SJ/JU
Sample : I7046-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL2

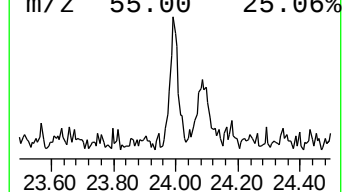
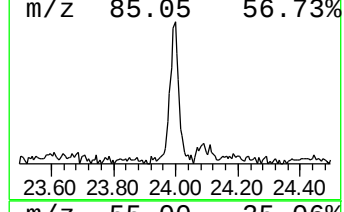
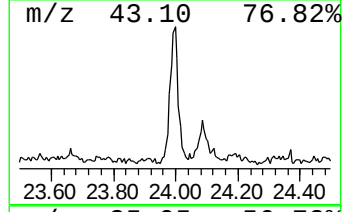
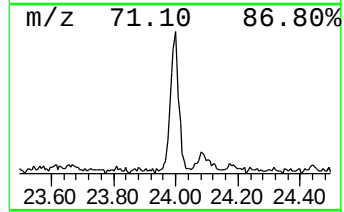
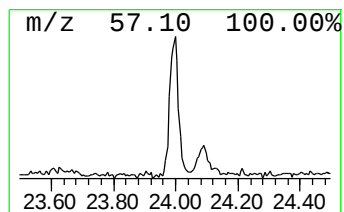
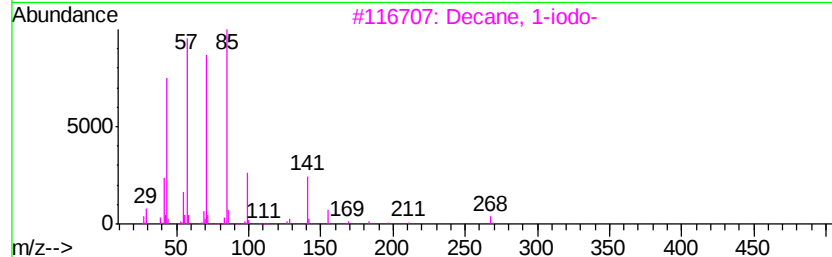
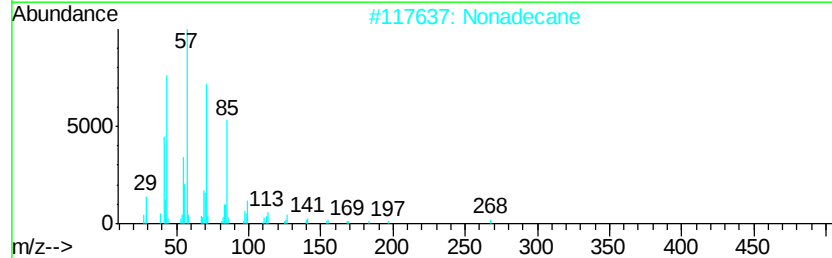
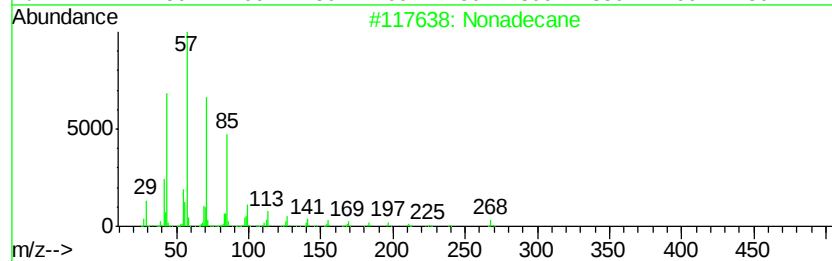
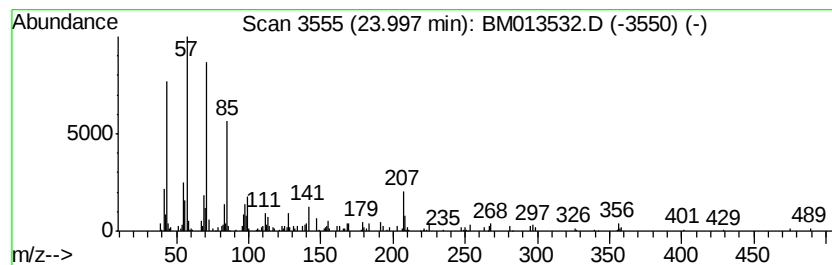
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Quant Title : SVOA CALIBRATION

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.
24.00	3.09 ng/ul	310783	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	89
2			Nonadecane	268	C19H40	000629-92-5	86
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	76
4			Heptacosane	380	C27H56	000593-49-7	68
5			Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013532.D
Acq On : 26 Dec 2017 13:40
Operator : SJ/JU
Sample : I7046-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
n-Hexadecanoic acid	17.97	5.2	ng/ul	703173	4	17.06	2684250	20.0
Octadecanoic acid	19.25	4.0	ng/ul	481050	5	21.26	2373830	20.0
(DEL) Alkane: Cyc...	20.97	4.5	ng/ul	530689	5	21.26	2373830	20.0
3,3,5,5-Tetrameth...	21.67	3.1	ng/ul	368774	5	21.26	2373830	20.0
Trifluoroacetoxy ...	21.86	3.9	ng/ul	459937	5	21.26	2373830	20.0
(DEL) Alkane: Str...	22.80	3.0	ng/ul	297749	6	23.47	2011810	20.0
(DEL) Alkane: Str...	24.00	3.1	ng/ul	310783	6	23.47	2011810	20.0