

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
 Data File : BM007448.D
 Acq On : 07 Sep 2016 20:42
 Operator : UM/SJ
 Sample : H4666-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3B2

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\SOM02.2-EPA-BM082316.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	6.963	734	744	756	rBV	520757	941342	12.20%	1.207%
2	7.128	765	772	779	rBV	445239	688715	8.93%	0.883%
3	7.328	799	806	813	rBV	563851	921679	11.95%	1.182%
4	7.792	876	885	892	rBV	859440	1421877	18.43%	1.823%
5	8.492	997	1004	1012	rBV	607060	978116	12.68%	1.254%
6	8.945	1074	1081	1088	rBV	620297	1041766	13.50%	1.336%
7	9.663	1195	1203	1214	rBV	552704	945147	12.25%	1.212%
8	10.198	1284	1294	1308	rBV	832929	1464988	18.99%	1.878%
9	10.574	1347	1358	1364	rBV	1410850	2427893	31.47%	3.113%
10	10.716	1373	1382	1394	rBV	426755	828269	10.74%	1.062%
11	13.833	1901	1912	1916	rVV	1854322	2697507	34.97%	3.458%
12	13.880	1916	1920	1928	rVB	1138783	1642901	21.30%	2.106%
13	14.115	1953	1960	1971	rVB	2049246	3084203	39.98%	3.954%
14	14.421	2003	2012	2020	rBV2	2474618	3921586	50.83%	5.027%
15	14.627	2041	2047	2061	rBV	496667	946952	12.28%	1.214%
16	14.821	2076	2080	2087	rVB2	64052	100344	1.30%	0.129%
17	15.268	2152	2156	2162	rVB	114436	143851	1.86%	0.184%
18	15.415	2174	2181	2187	rBV	2825490	4050260	52.50%	5.192%
19	15.539	2194	2202	2213	rBV	825709	1230832	15.96%	1.578%
20	15.662	2216	2223	2230	rVV6	62595	178040	2.31%	0.228%
21	15.768	2234	2241	2246	rVB6	41088	80941	1.05%	0.104%
22	16.133	2298	2303	2311	rBV2	185166	380610	4.93%	0.488%
23	16.827	2416	2421	2427	rVB3	57723	97059	1.26%	0.124%
24	16.927	2427	2438	2456	rVB6	240213	635153	8.23%	0.814%
25	17.168	2472	2479	2484	rBV	3560566	5250572	68.06%	6.731%
26	17.209	2484	2486	2490	rVV	229785	266687	3.46%	0.342%
27	17.262	2490	2495	2505	rVV2	3112324	4696650	60.88%	6.021%
28	17.356	2505	2511	2516	rVV7	33849	81530	1.06%	0.105%
29	17.568	2540	2547	2551	rBV5	47556	112245	1.46%	0.144%
30	17.656	2558	2562	2566	rVB3	79315	101148	1.31%	0.130%
31	18.056	2623	2630	2633	rBV2	373313	612952	7.95%	0.786%
32	18.086	2633	2635	2640	rVB	198052	252323	3.27%	0.323%
33	18.227	2655	2659	2663	rBV2	132888	177159	2.30%	0.227%
34	18.274	2664	2667	2672	rVB	95133	139012	1.80%	0.178%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Filtering: 5
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	18.350	2676	2680	2684	rBV2	85169	118125	1.53%	0.151%
36	18.545	2708	2713	2717	rBV3	101334	165307	2.14%	0.212%
37	18.839	2759	2763	2766	rVV	73071	103230	1.34%	0.132%
38	18.956	2779	2783	2790	rVV2	215348	421856	5.47%	0.541%
39	19.009	2790	2792	2796	rVV	87304	112034	1.45%	0.144%
40	19.050	2796	2799	2803	rVB	88137	101824	1.32%	0.131%
41	19.097	2803	2807	2815	rBV2	99880	210940	2.73%	0.270%
42	19.221	2821	2828	2834	rVB	551193	810843	10.51%	1.040%
43	19.286	2835	2839	2842	rBV2	82673	119456	1.55%	0.153%
44	19.333	2842	2847	2851	rVV5	67606	107160	1.39%	0.137%
45	19.556	2880	2885	2898	rBV	4344578	6754864	87.56%	8.660%
46	19.662	2899	2903	2908	rVB2	143008	227438	2.95%	0.292%
47	19.903	2940	2944	2947	rBV4	106227	170880	2.22%	0.219%
48	20.080	2971	2974	2983	rVB3	129722	270554	3.51%	0.347%
49	20.380	3022	3025	3029	rBV2	73061	118179	1.53%	0.152%
50	20.591	3058	3061	3064	rVB3	87053	96913	1.26%	0.124%
51	20.827	3098	3101	3106	rVB2	166330	238897	3.10%	0.306%
52	21.050	3136	3139	3148	rVB4	422483	674704	8.75%	0.865%
53	21.344	3183	3189	3194	rBV	5470305	7714388	100.00%	9.890%
54	21.380	3194	3195	3206	rVB2	448477	520016	6.74%	0.667%
55	21.950	3290	3292	3300	rVB3	152329	240040	3.11%	0.308%
56	22.521	3385	3389	3394	rBV	564007	771604	10.00%	0.989%
57	22.909	3450	3455	3456	rBV	299575	441286	5.72%	0.566%
58	23.421	3537	3542	3544	rBV	230147	392159	5.08%	0.503%
59	23.474	3544	3551	3564	rVV2	3005187	6148406	79.70%	7.882%
60	23.615	3568	3575	3590	rVB	3331948	6480257	84.00%	8.308%
61	24.127	3657	3662	3674	rVB	602416	1240834	16.08%	1.591%
62	24.885	3786	3791	3803	rVB3	239554	690461	8.95%	0.885%

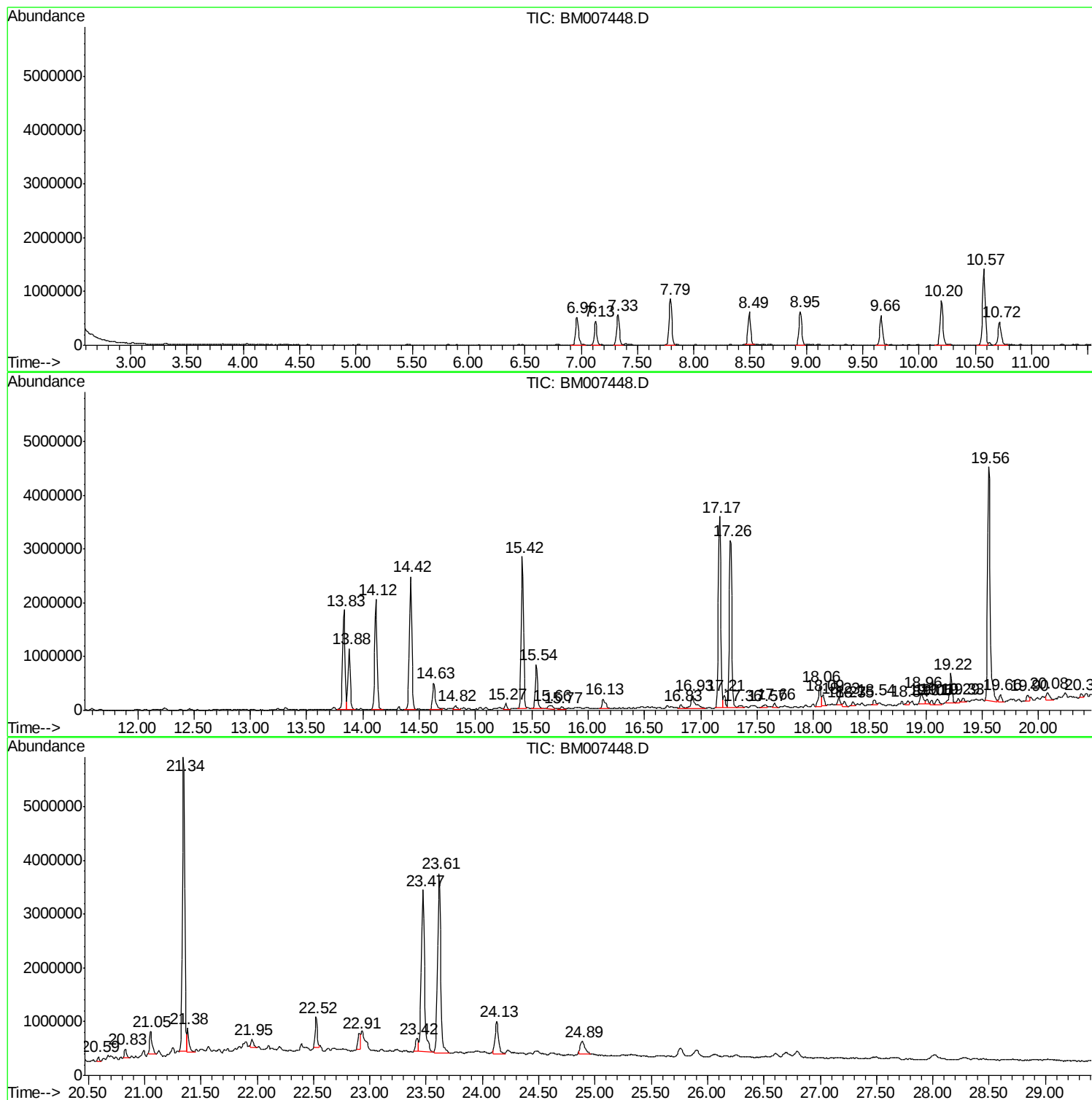
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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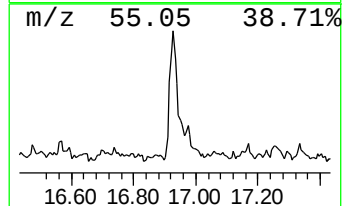
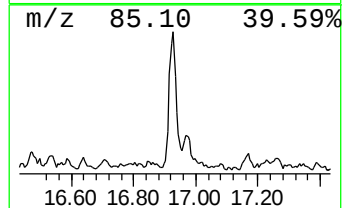
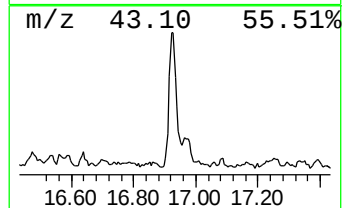
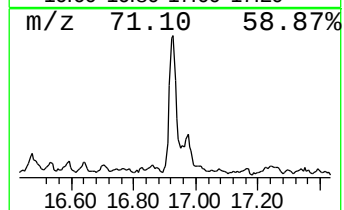
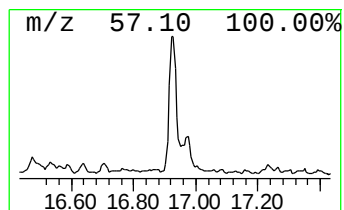
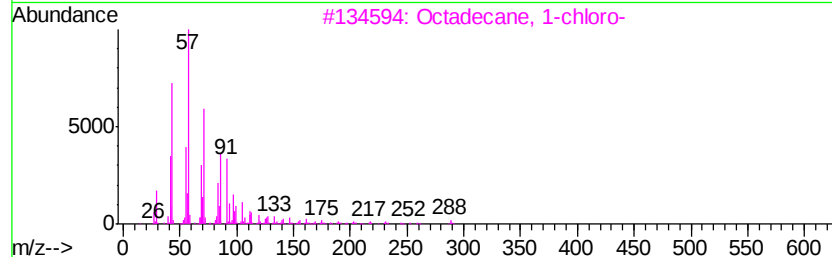
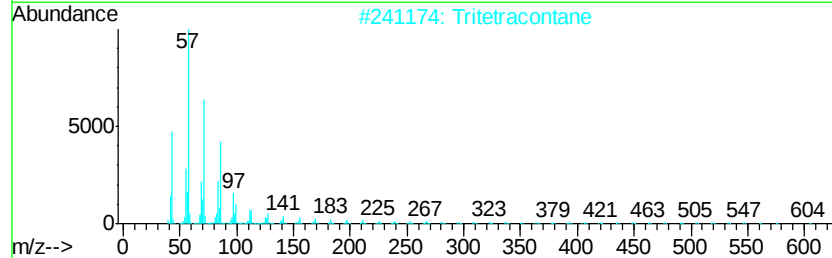
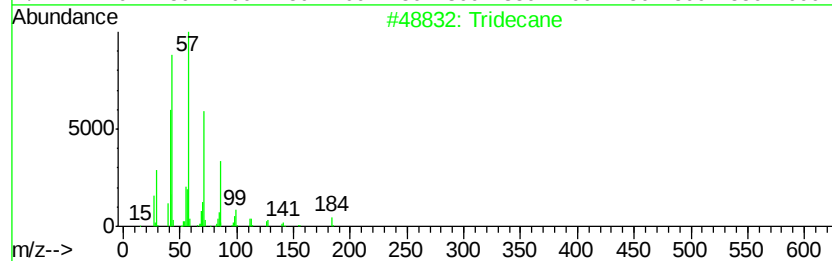
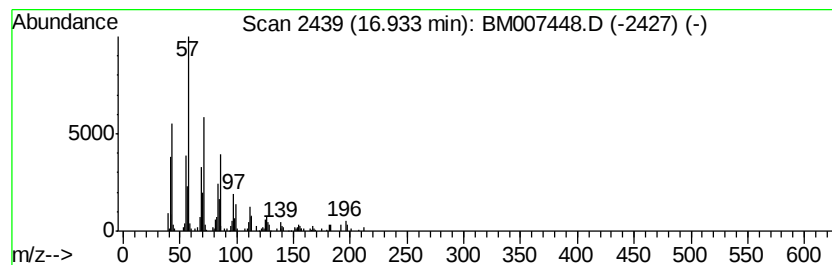
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.93	2.42 ng/ul	635153	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	90



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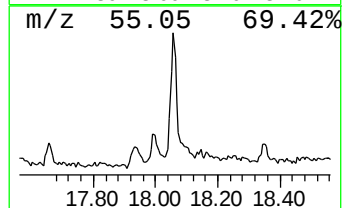
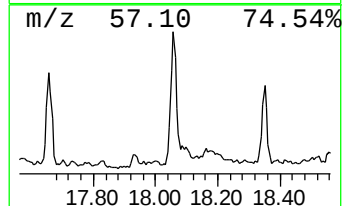
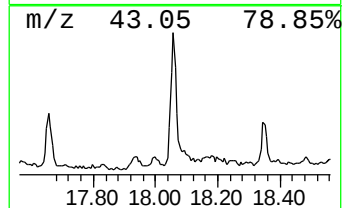
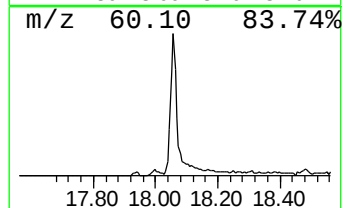
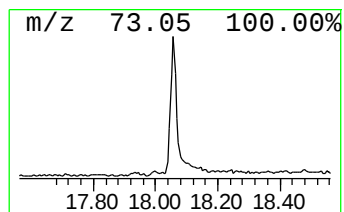
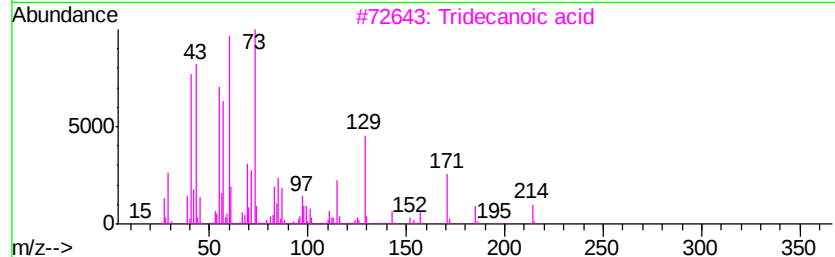
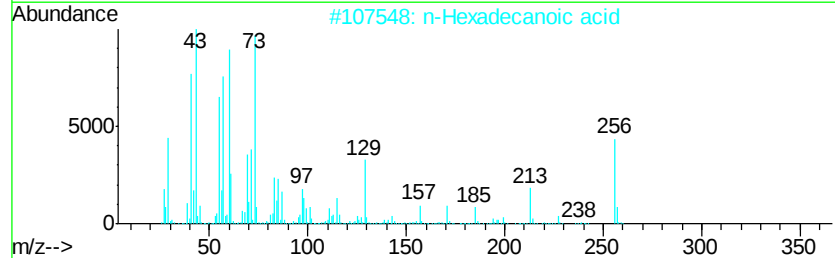
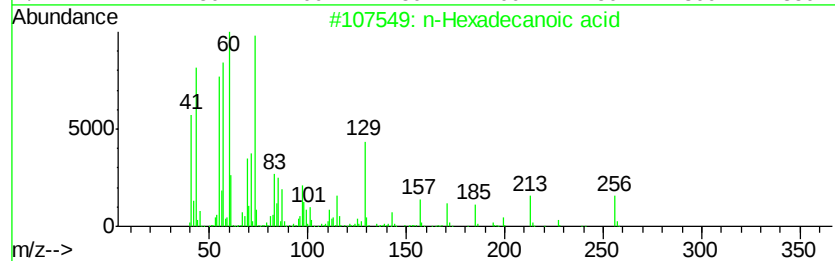
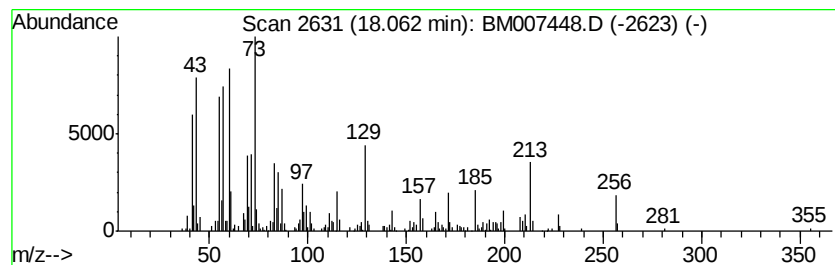
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.33 ng/ul	612952	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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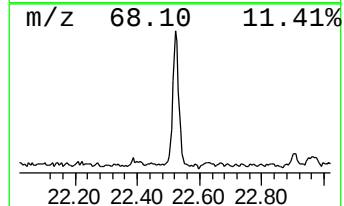
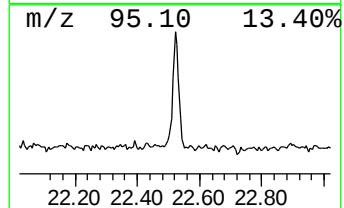
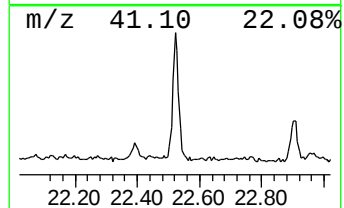
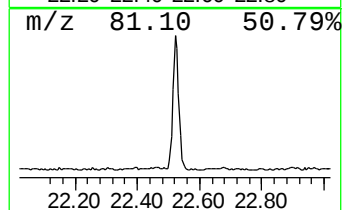
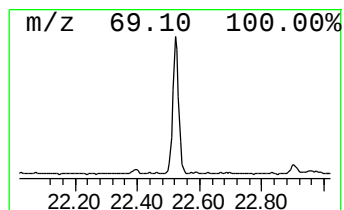
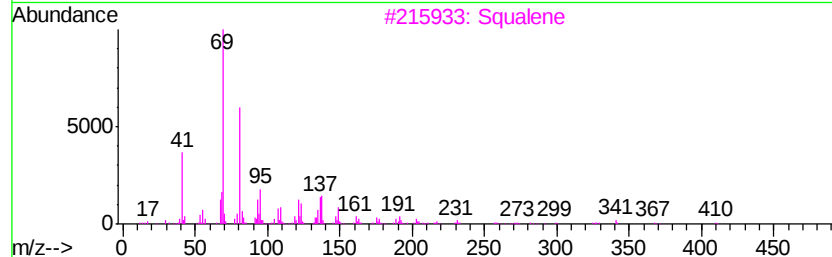
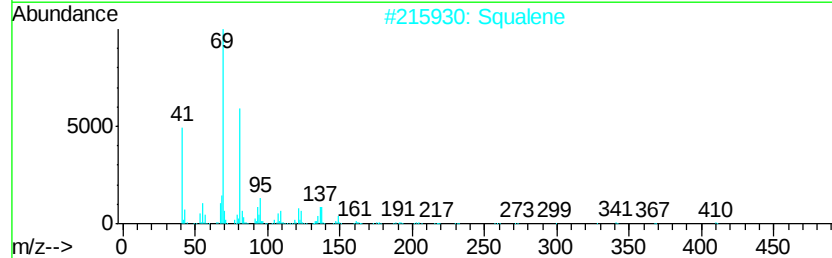
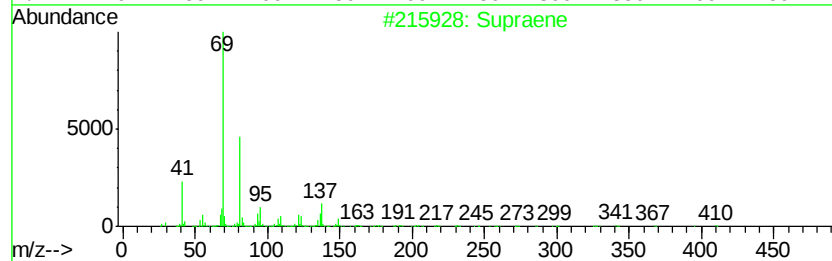
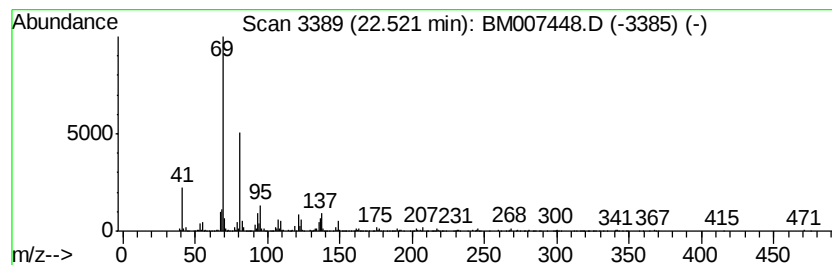
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.38 ng/ul	771604	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 90
2	Squalene		410 C30H50	000111-02-4 90
3	Squalene		410 C30H50	000111-02-4 86
4	Squalene		410 C30H50	000111-02-4 86
5	Squalene		410 C30H50	000111-02-4 80



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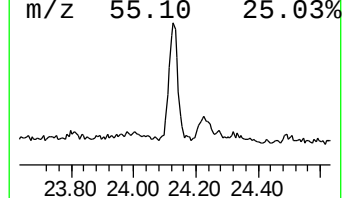
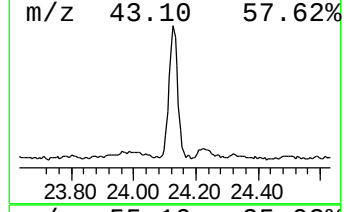
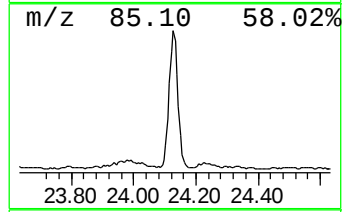
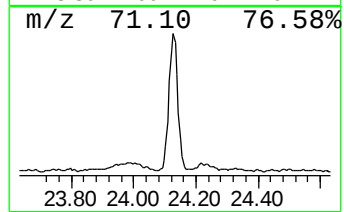
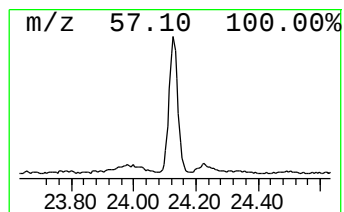
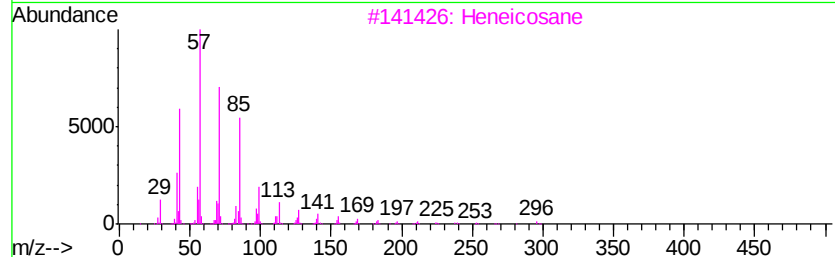
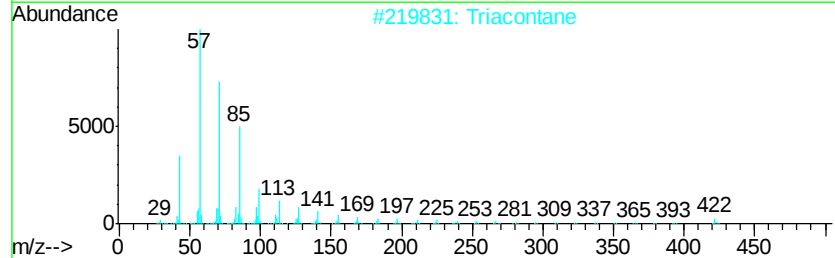
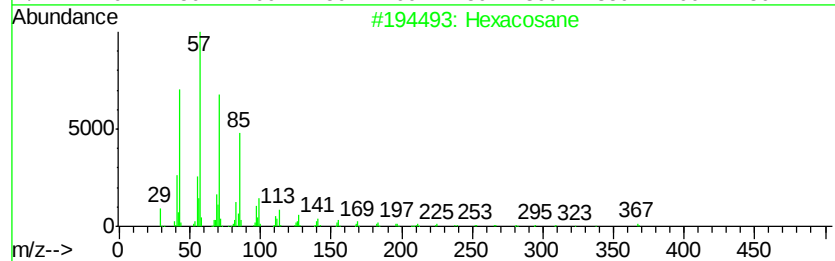
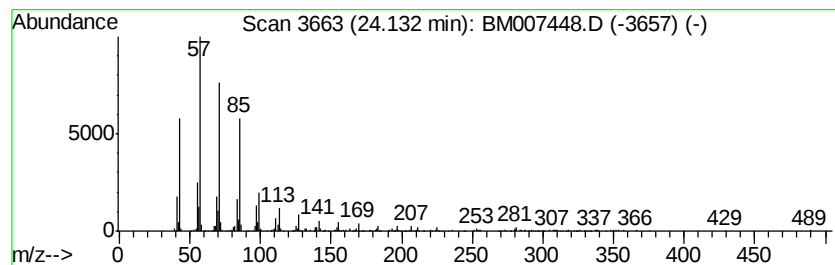
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.83 ng/ul	1240830	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		triacontane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		n-Hexadecanoic acid,methyl(tetra...	354	C21H42O2Si	1000217-04-1	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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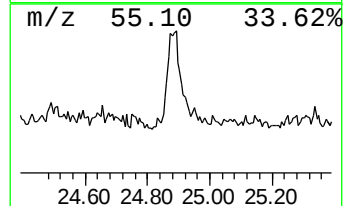
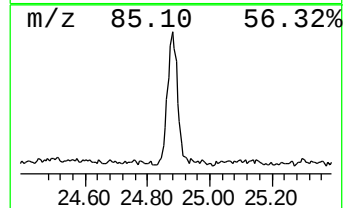
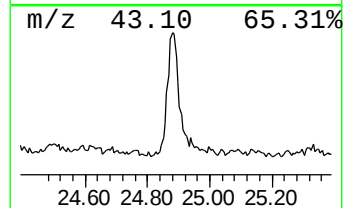
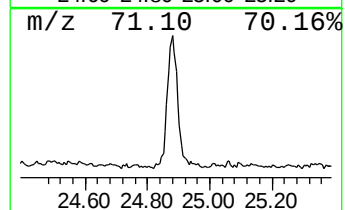
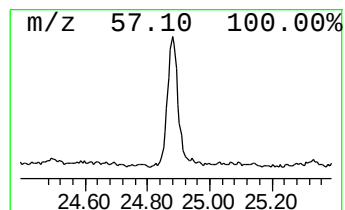
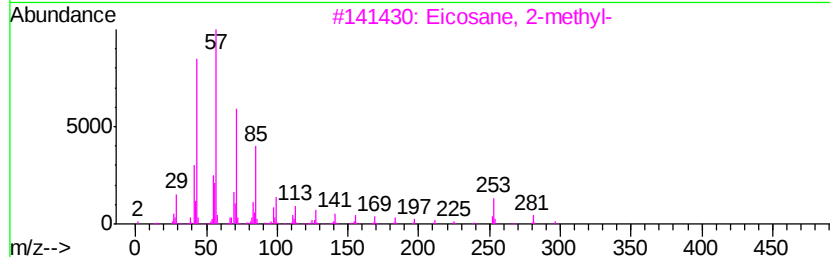
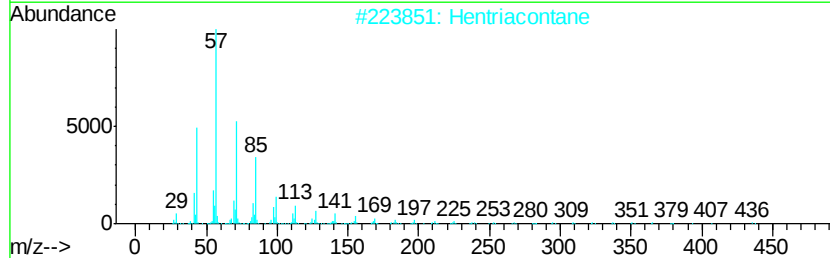
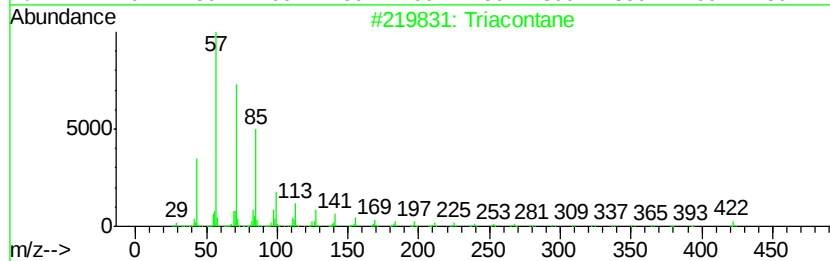
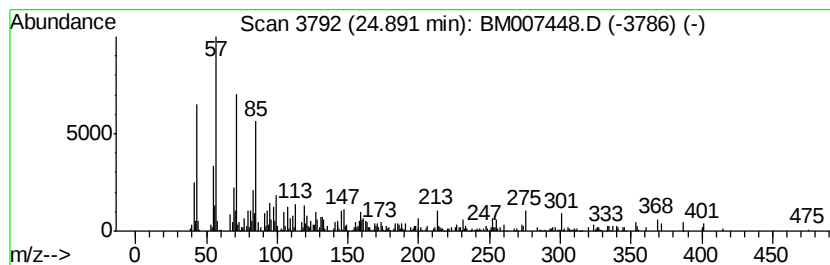
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.13 ng/ul	690461	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	70
2		Hentriacontane	437	C31H64	000630-04-6	70
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	68
4		Docosane	310	C22H46	000629-97-0	62
5		Tricosane, 2-methyl-	338	C24H50	001928-30-9	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007448.D
Acq On : 07 Sep 2016 20:42
Operator : UM/SJ
Sample : H4666-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
(DEL) Alkane: Str...	16.93	2.4	ng/ul	635153	4	17.17	5250570	20.0
n-Hexadecanoic acid	18.06	2.3	ng/ul	612952	4	17.17	5250570	20.0
Supraene	22.52	2.4	ng/ul	771604	6	23.61	6480260	20.0
(DEL) Alkane: Str...	24.13	3.8	ng/ul	1240830	6	23.61	6480260	20.0
(DEL) Alkane: Str...	24.89	2.1	ng/ul	690461	6	23.61	6480260	20.0