

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014751.D
 Acq On : 20 Apr 2018 02:16
 Operator : SJ/JU
 Sample : J2434-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

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	3.676	11	15	22	rVB2	63077	100784	1.46%	0.109%
2	4.264	111	115	124	rVB2	81632	122452	1.78%	0.133%
3	5.517	322	328	340	rVB2	97565	191709	2.79%	0.208%
4	6.475	485	491	499	rBV5	29369	76148	1.11%	0.083%
5	7.663	686	693	704	rBV2	1004310	1986483	28.86%	2.157%
6	7.846	718	724	731	rBV	805170	1302067	18.92%	1.414%
7	8.063	753	761	766	rBV	1011059	1694043	24.61%	1.839%
8	8.116	766	770	776	rVV	83121	153203	2.23%	0.166%
9	8.546	836	843	856	rVB	1270852	2155050	31.31%	2.340%
10	9.240	954	961	969	rVB	999442	1616387	23.48%	1.755%
11	9.722	1036	1043	1054	rBV	978704	1716459	24.94%	1.863%
12	10.457	1160	1168	1178	rVB	744195	1294201	18.80%	1.405%
13	10.993	1251	1259	1267	rBV	1225207	2041571	29.66%	2.216%
14	11.393	1319	1327	1333	rBV	1692575	3016430	43.82%	3.275%
15	11.440	1333	1335	1340	rVB	54534	71774	1.04%	0.078%
16	11.510	1340	1347	1362	rBV	1062460	1858392	27.00%	2.017%
17	13.010	1596	1602	1607	rBV	72133	111316	1.62%	0.121%
18	13.228	1633	1639	1646	rBV	57048	99115	1.44%	0.108%
19	13.945	1753	1761	1765	rBV	73955	111049	1.61%	0.121%
20	14.469	1844	1850	1854	rBV2	68596	121999	1.77%	0.132%
21	14.534	1854	1861	1865	rVV	2074899	2978970	43.28%	3.234%
22	14.581	1865	1869	1875	rVB	635387	915597	13.30%	0.994%
23	14.845	1907	1914	1928	rBV	2555070	3754840	54.55%	4.076%
24	14.998	1933	1940	1947	rVB	181857	258226	3.75%	0.280%
25	15.145	1949	1965	1972	rBV2	2454246	4077177	59.23%	4.426%
26	15.204	1972	1975	1983	rVB3	36628	68996	1.00%	0.075%
27	15.298	1983	1991	1999	rBV	738759	1129320	16.41%	1.226%
28	15.534	2027	2031	2038	rVB3	51074	89255	1.30%	0.097%
29	15.598	2038	2042	2046	rBV2	51694	76008	1.10%	0.083%
30	15.751	2062	2068	2072	rBV4	62632	88736	1.29%	0.096%
31	15.934	2094	2099	2104	rVB	237037	331051	4.81%	0.359%
32	15.998	2105	2110	2115	rBV3	52391	86090	1.25%	0.093%
33	16.122	2124	2131	2136	rBV	2999808	4379313	63.62%	4.754%
34	16.216	2142	2147	2155	rVB	568122	783753	11.39%	0.851%

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35	16.334	2160	2167	2171	rBV2	71846	158049	2.30%	0.172%
36	16.781	2239	2243	2246	rBV	184262	275392	4.00%	0.299%
37	17.386	2337	2346	2350	rBV9	39769	101282	1.47%	0.110%
38	17.563	2372	2376	2381	rVV2	123970	184198	2.68%	0.200%
39	17.616	2382	2385	2392	rVV4	42882	86938	1.26%	0.094%
40	17.692	2392	2398	2402	rVB2	35606	78507	1.14%	0.085%
41	17.857	2419	2426	2430	rBV	2909840	4204732	61.08%	4.565%
42	17.898	2430	2433	2437	rVV	650561	855288	12.43%	0.929%
43	17.951	2437	2442	2454	rVB2	3053997	4608066	66.94%	5.003%
44	18.292	2497	2500	2508	rVB	79521	115757	1.68%	0.126%
45	18.569	2541	2547	2553	rBV6	64856	128555	1.87%	0.140%
46	18.680	2561	2566	2570	rBV	577251	816801	11.87%	0.887%
47	18.757	2575	2579	2587	rVV2	197438	324259	4.71%	0.352%
48	18.833	2589	2592	2597	rVB	58714	79736	1.16%	0.087%
49	18.904	2598	2604	2608	rBV2	152981	332990	4.84%	0.361%
50	19.192	2648	2653	2657	rBV	104173	154388	2.24%	0.168%
51	19.592	2716	2721	2726	rBV3	108498	224615	3.26%	0.244%
52	19.739	2742	2746	2750	rBV3	56341	104155	1.51%	0.113%
53	19.780	2750	2753	2755	rBV3	68683	77315	1.12%	0.084%
54	19.857	2761	2766	2772	rVB	1838300	2584752	37.55%	2.806%
55	19.916	2772	2776	2781	rBV2	196701	305244	4.43%	0.331%
56	20.186	2816	2822	2825	rBV	3816503	5577956	81.03%	6.055%
57	20.216	2825	2827	2833	rVV	1879755	2094708	30.43%	2.274%
58	20.274	2834	2837	2842	rVB	112127	146354	2.13%	0.159%
59	20.386	2853	2856	2860	rVB	109956	134173	1.95%	0.146%
60	20.521	2875	2879	2886	rBV3	126511	288535	4.19%	0.313%
61	20.663	2900	2903	2904	rBV2	107126	116578	1.69%	0.127%
62	20.692	2905	2908	2912	rVB	332717	420138	6.10%	0.456%
63	20.786	2921	2924	2928	rBV	245437	311629	4.53%	0.338%
64	20.986	2955	2958	2961	rBV	115519	137497	2.00%	0.149%
65	21.027	2962	2965	2972	rVB2	142914	221992	3.23%	0.241%
66	21.592	3057	3061	3065	rBV2	991887	1243948	18.07%	1.350%
67	21.663	3071	3073	3077	rVB2	189480	209920	3.05%	0.228%
68	21.939	3113	3120	3124	rBV2	3831175	6883436	100.00%	7.473%
69	21.980	3124	3127	3135	rVB	1315259	1702640	24.74%	1.848%
70	23.604	3400	3403	3407	rVB	404500	554741	8.06%	0.602%
71	23.674	3409	3415	3421	rBV	1320416	3340741	48.53%	3.627%

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72	24.221	3503	3508	3512	rBV	792700	1694687	24.62%	1.840%
73	24.280	3512	3518	3523	rVV2	2291743	5178144	75.23%	5.621%
74	24.327	3523	3526	3534	rVB	1139963	2066134	30.02%	2.243%
75	24.439	3539	3545	3551	rBV	2005408	3962358	57.56%	4.302%
76	24.986	3634	3638	3646	rVB	593476	1168848	16.98%	1.269%

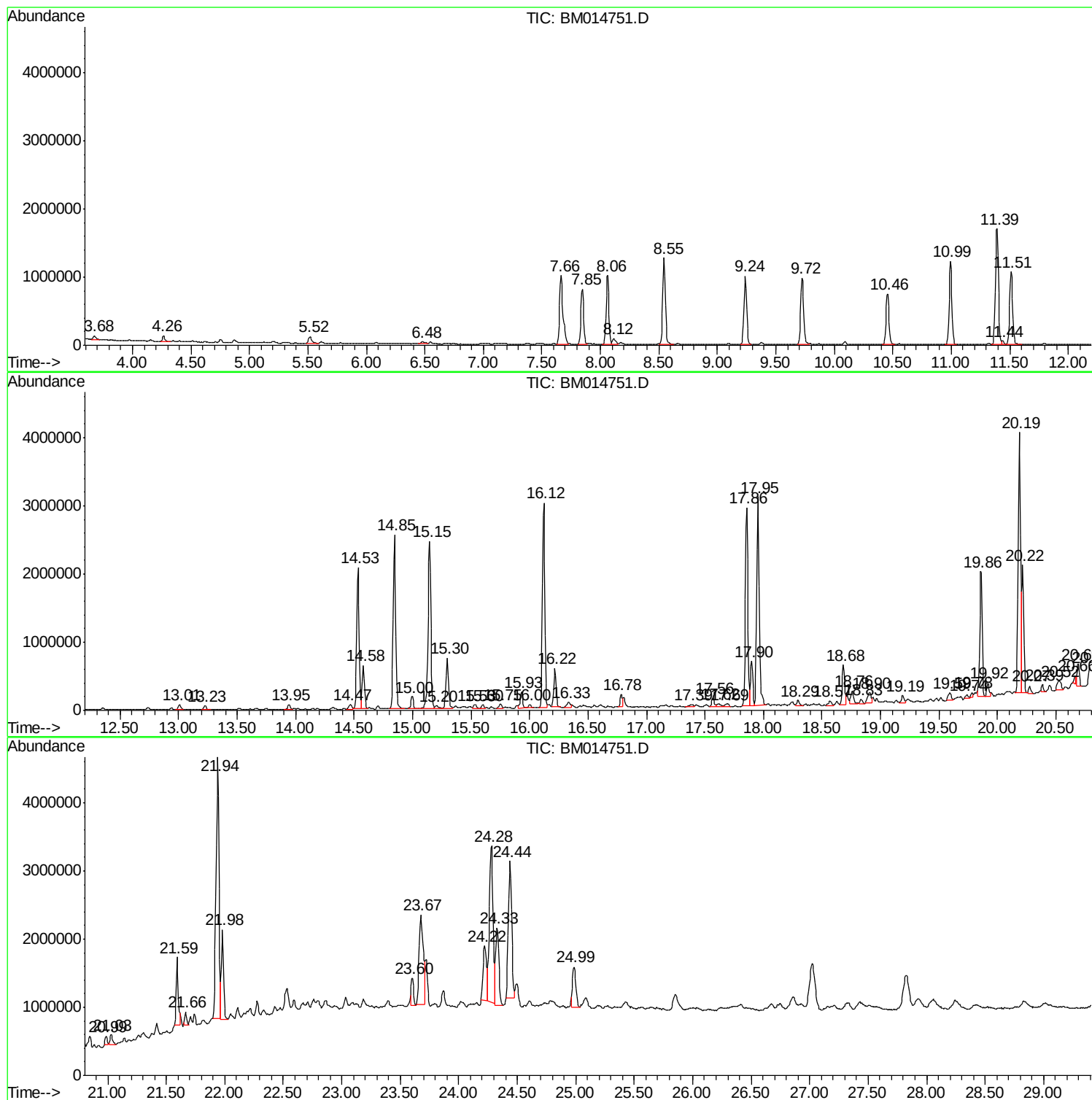
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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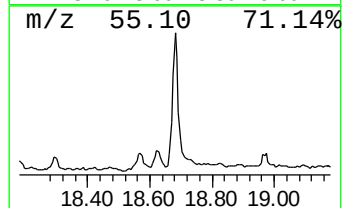
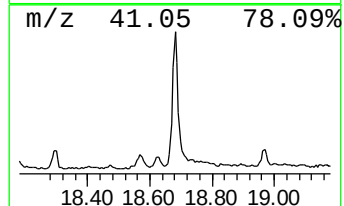
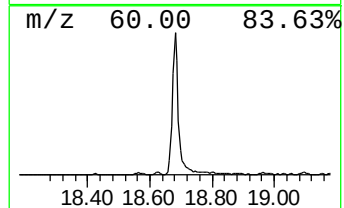
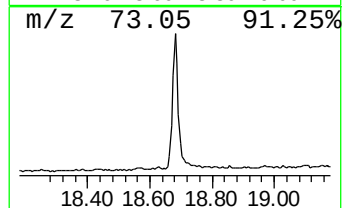
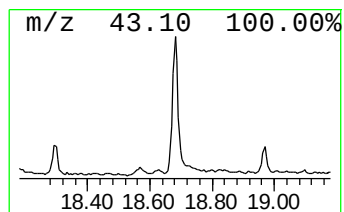
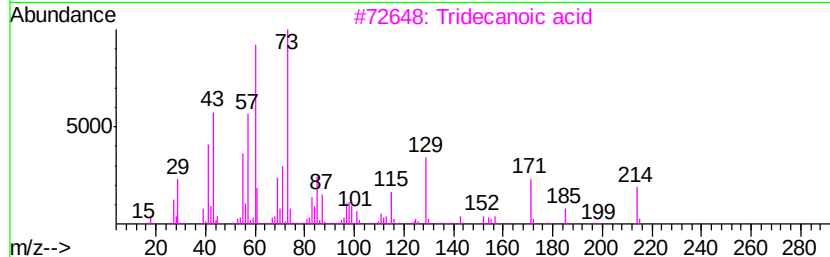
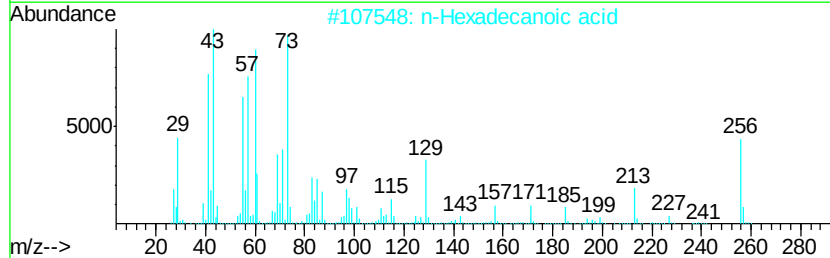
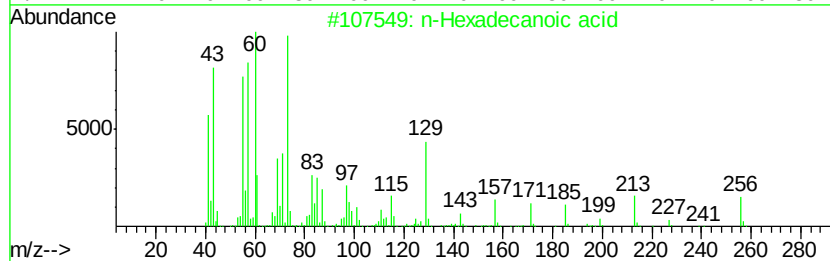
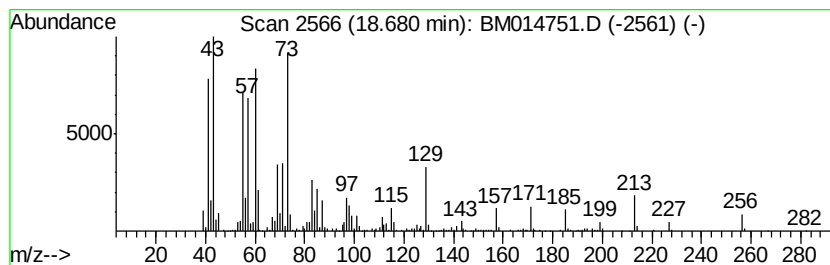
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.68	3.89 ng/ul	816801	Phenanthrene-d10		17.86		
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	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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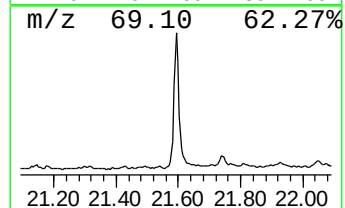
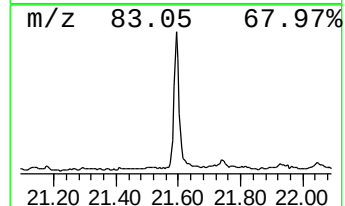
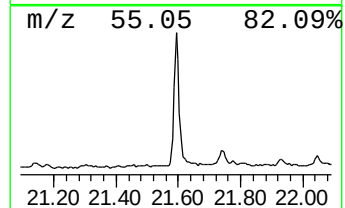
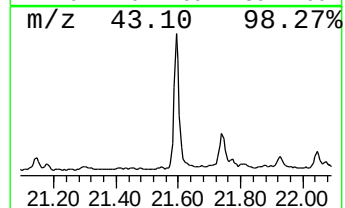
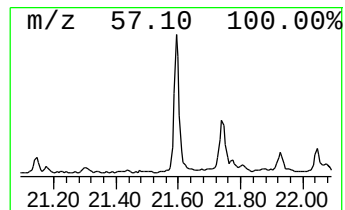
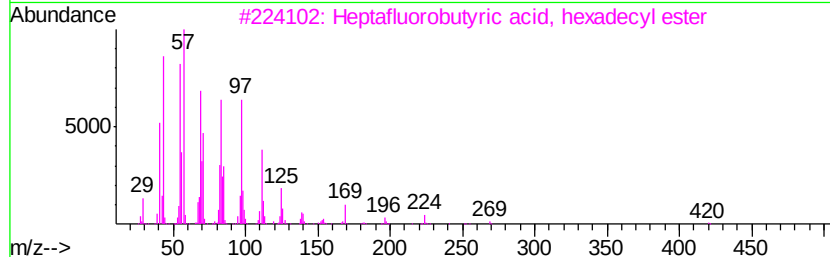
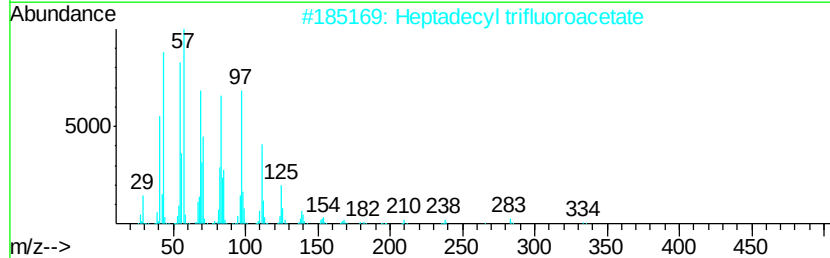
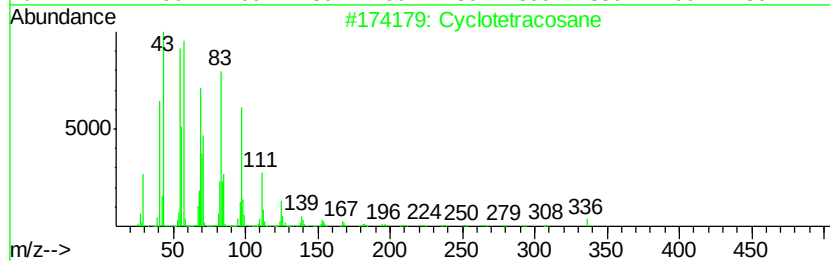
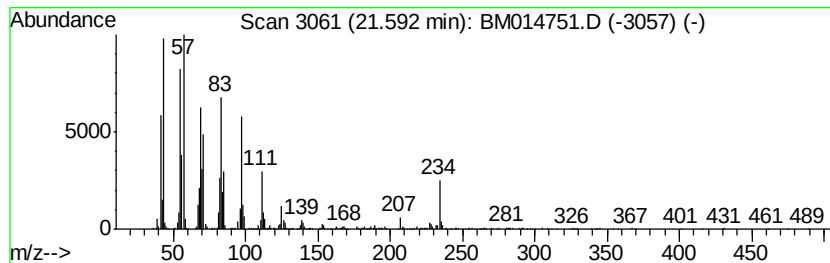
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.61 ng/ul	1243950	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	93
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5			Octacosanol	410	C28H58O	000557-61-9	90



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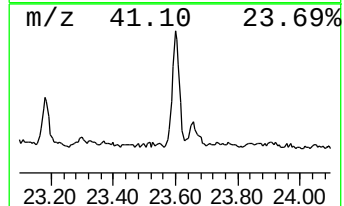
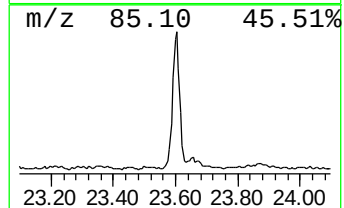
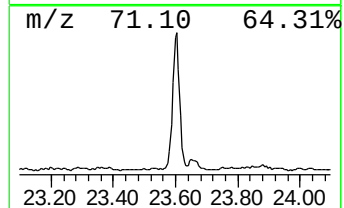
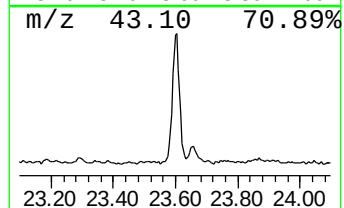
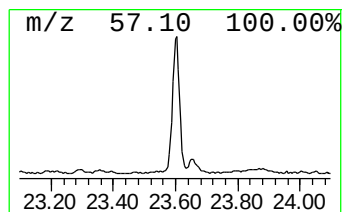
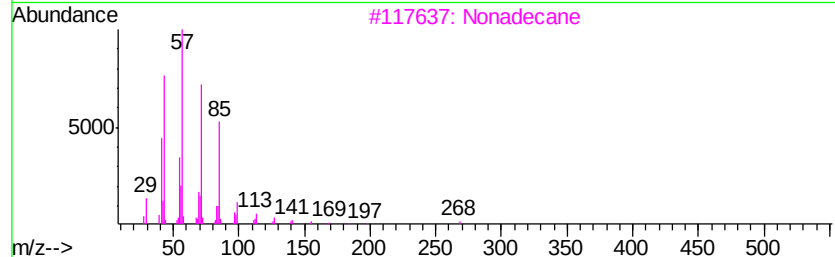
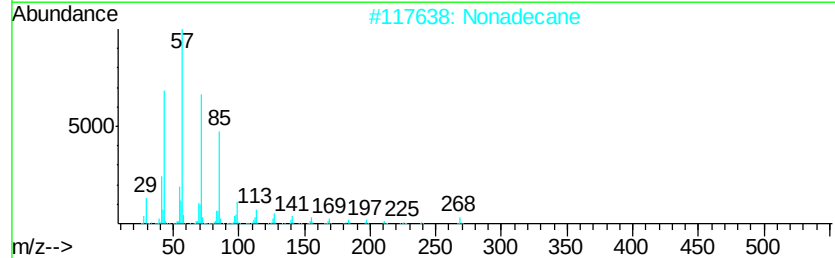
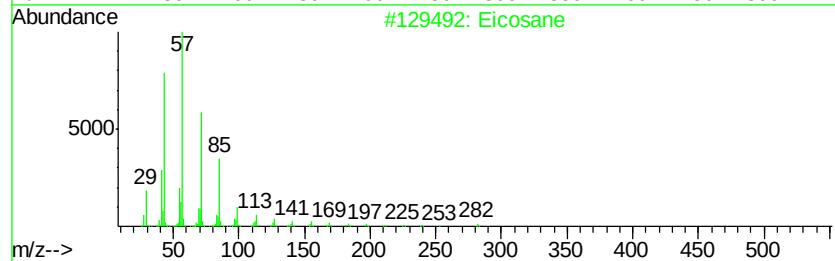
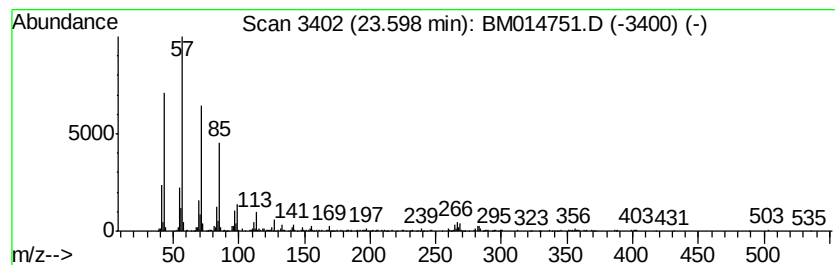
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.80 ng/ul	554741	Perylene-d12	24.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane	268	C19H40	000629-92-5	93
3		Nonadecane	268	C19H40	000629-92-5	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Nonadecane	268	C19H40	000629-92-5	87



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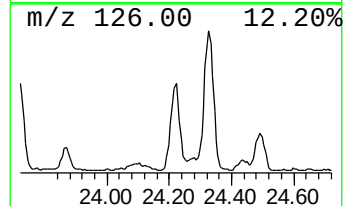
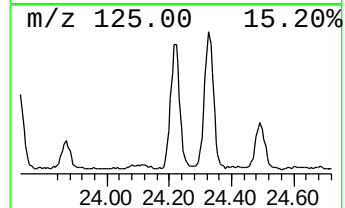
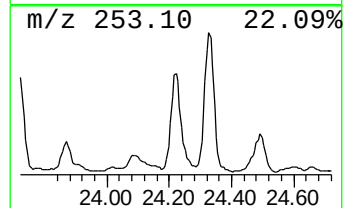
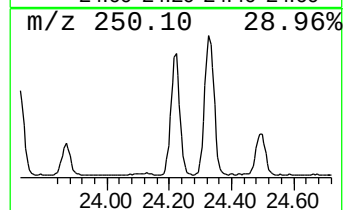
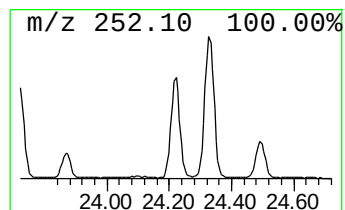
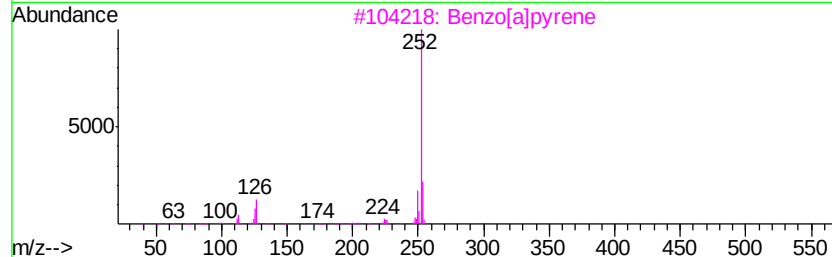
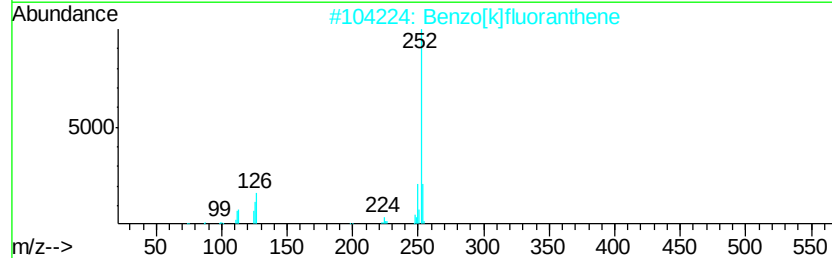
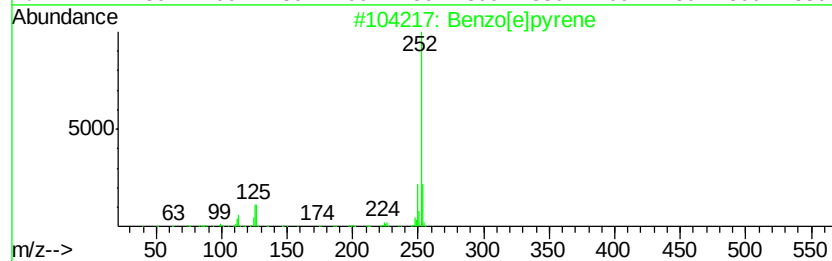
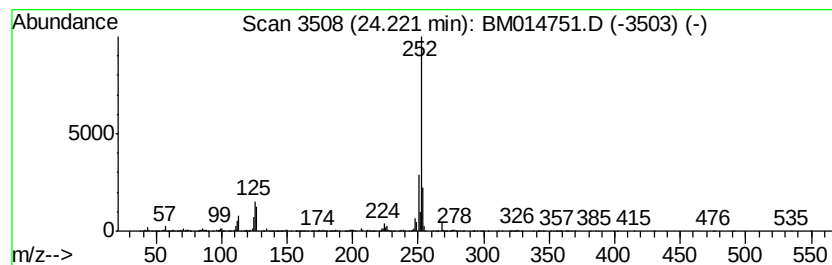
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	8.55 ng/ul	1694690	Perylene-d12	24.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	98
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Perylene	252	C20H12	000198-55-0	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014751.D
Acq On : 20 Apr 2018 02:16
Operator : SJ/JU
Sample : J2434-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4

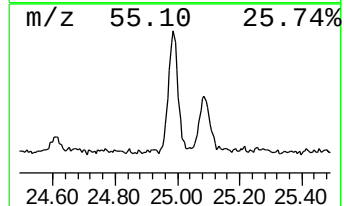
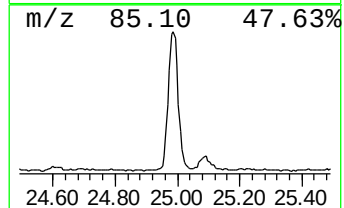
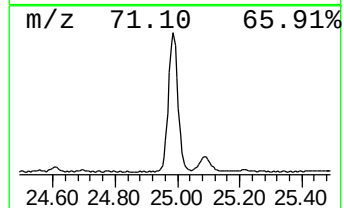
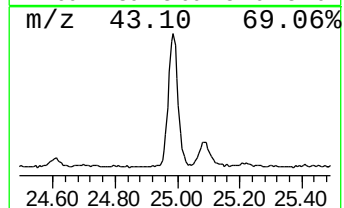
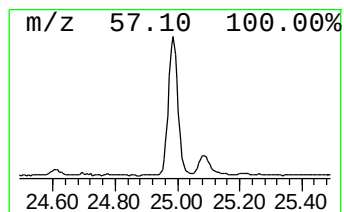
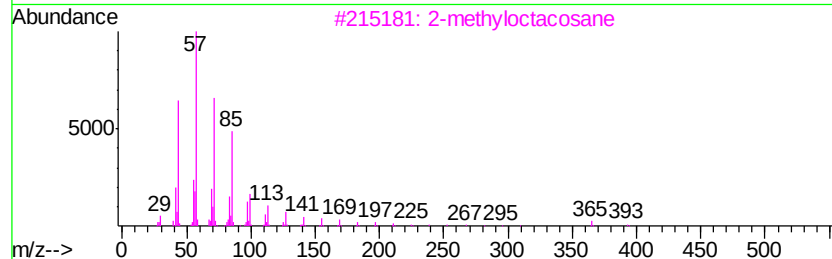
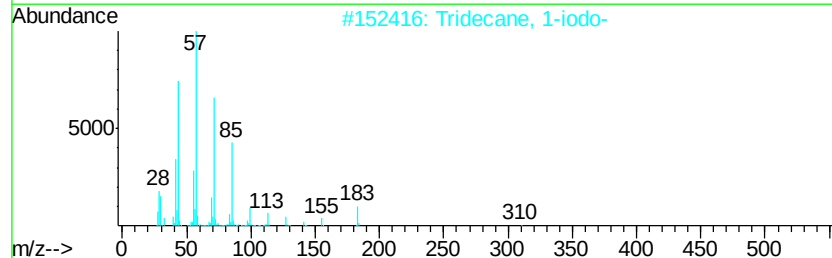
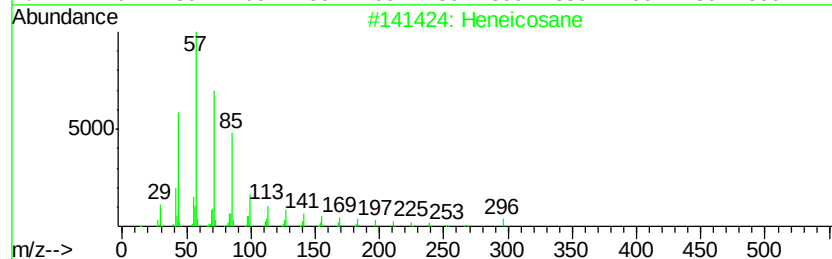
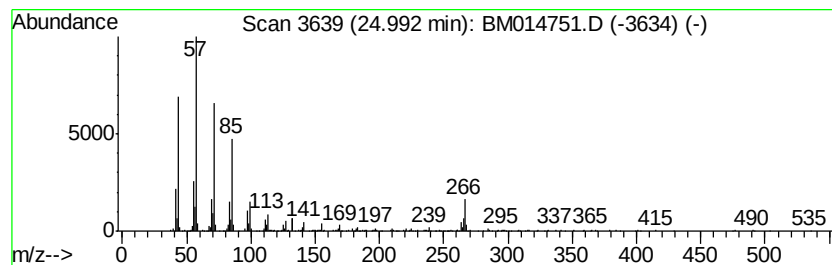
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	5.90 ng/ul	1168850	Perylene-d12	24.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		2-methyloctacosane	408	C29H60	1000376-72-8	76
4		Hexacosane	366	C26H54	000630-01-3	76
5		Tetracosane	338	C24H50	000646-31-1	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041918\
Data File : BM014751.D
Acq On : 20 Apr 2018 02:16
Operator : SJ/JU
Sample : J2434-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4

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
n-Hexadecanoic acid	18.68	3.9	ng/ul	816801	4	17.86	4204730	20.0
(DEL) Alkane: Cyc...	21.59	3.6	ng/ul	1243950	5	21.94	6883440	20.0
(DEL) Alkane: Str...	23.60	2.8	ng/ul	554741	6	24.44	3962360	20.0
Benzo[e]pyrene	24.22	8.6	ng/ul	1694690	6	24.44	3962360	20.0
(DEL) Alkane: Str...	24.99	5.9	ng/ul	1168850	6	24.44	3962360	20.0