

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001979.D
 Acq On : 20 Jul 2015 18:13
 Operator : TP/UM
 Sample : G3000-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.816	19	22	24	rBV	3443	3517	0.19%	0.014%
2	2.869	28	31	38	rBV	17176	22177	1.22%	0.089%
3	3.134	71	76	82	rVB	15708	20437	1.12%	0.082%
4	3.399	117	121	128	rBV	17235	25404	1.39%	0.103%
5	3.681	166	169	173	rVB2	3834	4830	0.26%	0.019%
6	5.110	408	412	417	rBV	2865	5014	0.27%	0.020%
7	6.181	590	594	598	rBB	1854	2469	0.14%	0.010%
8	6.657	671	675	683	rBB	8293	13339	0.73%	0.054%
9	6.822	697	703	714	rBB	359834	555095	30.43%	2.240%
10	6.993	726	732	740	rBB	275540	406615	22.29%	1.641%
11	7.187	758	765	773	rBB	356147	566637	31.06%	2.287%
12	7.563	826	829	835	rBB2	4545	6816	0.37%	0.028%
13	7.651	838	844	851	rBB	307913	483994	26.53%	1.953%
14	7.857	875	879	883	rBV	3277	3868	0.21%	0.016%
15	7.904	883	887	891	rVV	3206	4115	0.23%	0.017%
16	8.357	958	964	973	rBV	479838	743202	40.74%	2.999%
17	8.816	1034	1042	1049	rBB	335503	548207	30.05%	2.212%
18	8.928	1057	1061	1071	rBB2	17565	30043	1.65%	0.121%
19	9.234	1110	1113	1118	rVB	3149	3514	0.19%	0.014%
20	9.534	1155	1164	1173	rBV	294049	498885	27.35%	2.013%
21	10.063	1247	1254	1262	rBV	482411	788784	43.24%	3.183%
22	10.439	1311	1318	1328	rBB	444428	745987	40.89%	3.010%
23	10.586	1336	1343	1354	rBV	427198	728688	39.94%	2.940%
24	11.228	1450	1452	1457	rVB2	2474	3193	0.18%	0.013%
25	12.651	1689	1694	1699	rBB2	4143	5422	0.30%	0.022%
26	12.904	1732	1737	1741	rBV	8417	11213	0.61%	0.045%
27	13.198	1781	1787	1794	rVB2	22442	31500	1.73%	0.127%
28	13.722	1870	1876	1880	rBV	794711	1115150	61.12%	4.500%
29	13.769	1880	1884	1890	rVB	680640	931776	51.07%	3.760%
30	14.004	1917	1924	1930	rVB	894505	1319509	72.33%	5.325%
31	14.210	1954	1959	1962	rBV	8112	10272	0.56%	0.041%
32	14.310	1970	1976	1983	rBV2	727424	1071845	58.75%	4.325%
33	14.516	2005	2011	2023	rBV	373522	543664	29.80%	2.194%
34	14.821	2060	2063	2072	rVB2	3864	4398	0.24%	0.018%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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35	15.110	2106	2112	2116	rBV	16896	20436	1.12%	0.082%
36	15.157	2116	2120	2128	rVB	23305	31485	1.73%	0.127%
37	15.304	2139	2145	2152	rBV	1121905	1565727	85.82%	6.318%
38	15.363	2152	2155	2161	rVV2	2043	3321	0.18%	0.013%
39	15.433	2161	2167	2175	rVB	304584	411773	22.57%	1.662%
40	15.551	2183	2187	2188	rBV2	7809	9406	0.52%	0.038%
41	15.663	2203	2206	2208	rVB2	2412	2544	0.14%	0.010%
42	15.716	2212	2215	2222	rBV2	2953	4497	0.25%	0.018%
43	15.780	2222	2226	2229	rVB4	3392	3647	0.20%	0.015%
44	15.868	2235	2241	2251	rVB4	3920	9077	0.50%	0.037%
45	16.021	2263	2267	2277	rBV2	30915	56279	3.08%	0.227%
46	16.092	2277	2279	2283	rVB	2639	2516	0.14%	0.010%
47	16.198	2293	2297	2306	rVV2	8902	13551	0.74%	0.055%
48	16.368	2319	2326	2327	rBV2	4023	6111	0.33%	0.025%
49	16.380	2327	2328	2333	rVB2	2080	2546	0.14%	0.010%
50	16.421	2333	2335	2339	rBV2	3302	4080	0.22%	0.016%
51	16.480	2342	2345	2348	rVB4	2287	3470	0.19%	0.014%
52	16.527	2348	2353	2355	rBV2	3352	3997	0.22%	0.016%
53	16.598	2360	2365	2368	rBV2	2856	4399	0.24%	0.018%
54	16.815	2398	2402	2406	rVV	35306	45108	2.47%	0.182%
55	16.868	2406	2411	2415	rVV3	10316	17342	0.95%	0.070%
56	16.898	2415	2416	2421	rVB2	2671	2435	0.13%	0.010%
57	16.968	2424	2428	2433	rVB3	2570	4774	0.26%	0.019%
58	17.057	2437	2443	2450	rBV	895016	1292992	70.87%	5.218%
59	17.157	2454	2460	2471	rVB2	1102159	1548790	84.89%	6.250%
60	17.286	2478	2482	2486	rBV3	3353	5081	0.28%	0.021%
61	17.351	2488	2493	2499	rVB3	3733	7072	0.39%	0.029%
62	17.439	2502	2508	2523	rBV	226471	371643	20.37%	1.500%
63	17.551	2523	2527	2532	rVB	43115	51112	2.80%	0.206%
64	17.733	2553	2558	2560	rBV3	3964	6126	0.34%	0.025%
65	17.839	2568	2576	2584	rBV5	4820	15320	0.84%	0.062%
66	17.951	2590	2595	2600	rBV	133837	174524	9.57%	0.704%
67	18.027	2605	2608	2611	rVV	4288	6504	0.36%	0.026%
68	18.057	2611	2613	2617	rVB5	2661	2839	0.16%	0.011%
69	18.245	2640	2645	2652	rVV2	35195	44836	2.46%	0.181%
70	18.339	2657	2661	2664	rVV5	2393	3697	0.20%	0.015%
71	18.380	2664	2668	2673	rVB	189020	221985	12.17%	0.896%

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72	18.715	2722	2725	2727	rBV3	2267	2804	0.15%	0.011%
73	18.821	2737	2743	2752	rBV	389700	605896	33.21%	2.445%
74	18.886	2752	2754	2761	rVB2	22187	32663	1.79%	0.132%
75	19.015	2773	2776	2779	rBV2	2851	3401	0.19%	0.014%
76	19.045	2779	2781	2785	rVB4	3797	3504	0.19%	0.014%
77	19.098	2787	2790	2791	rBV2	2944	2681	0.15%	0.011%
78	19.133	2791	2796	2799	rVB4	5841	7618	0.42%	0.031%
79	19.174	2802	2803	2810	rVB3	4922	4605	0.25%	0.019%
80	19.239	2810	2814	2818	rBV	41901	53020	2.91%	0.214%
81	19.345	2829	2832	2837	rBV	8980	12569	0.69%	0.051%
82	19.392	2837	2840	2843	rVB2	19075	18871	1.03%	0.076%
83	19.462	2843	2852	2858	rBV	1307939	1824399	100.00%	7.362%
84	19.509	2858	2860	2863	rVB4	5014	5546	0.30%	0.022%
85	19.651	2881	2884	2888	rBV6	2180	3810	0.21%	0.015%
86	20.009	2938	2945	2950	rVV7	13635	28324	1.55%	0.114%
87	20.309	2994	2996	2997	rVV2	4068	3484	0.19%	0.014%
88	20.339	2997	3001	3007	rVB2	37647	47428	2.60%	0.191%
89	20.445	3016	3019	3021	rBV	12956	15182	0.83%	0.061%
90	20.503	3026	3029	3031	rBV2	8896	10094	0.55%	0.041%
91	20.974	3105	3109	3120	rBV	116000	192872	10.57%	0.778%
92	21.056	3120	3123	3127	rVB3	18202	23246	1.27%	0.094%
93	21.174	3140	3143	3147	rVB	9562	10807	0.59%	0.044%
94	21.262	3152	3158	3167	rVB	1341266	1626895	89.17%	6.565%
95	21.374	3174	3177	3181	rBV4	9428	11181	0.61%	0.045%
96	21.409	3181	3183	3185	rBV3	6221	6829	0.37%	0.028%
97	21.880	3260	3263	3269	rVB6	17142	26066	1.43%	0.105%
98	22.297	3330	3334	3341	rBV3	27874	35697	1.96%	0.144%
99	23.350	3505	3513	3521	rVB2	831969	1483314	81.30%	5.986%
100	23.491	3530	3537	3544	rVB2	800363	1438034	78.82%	5.803%

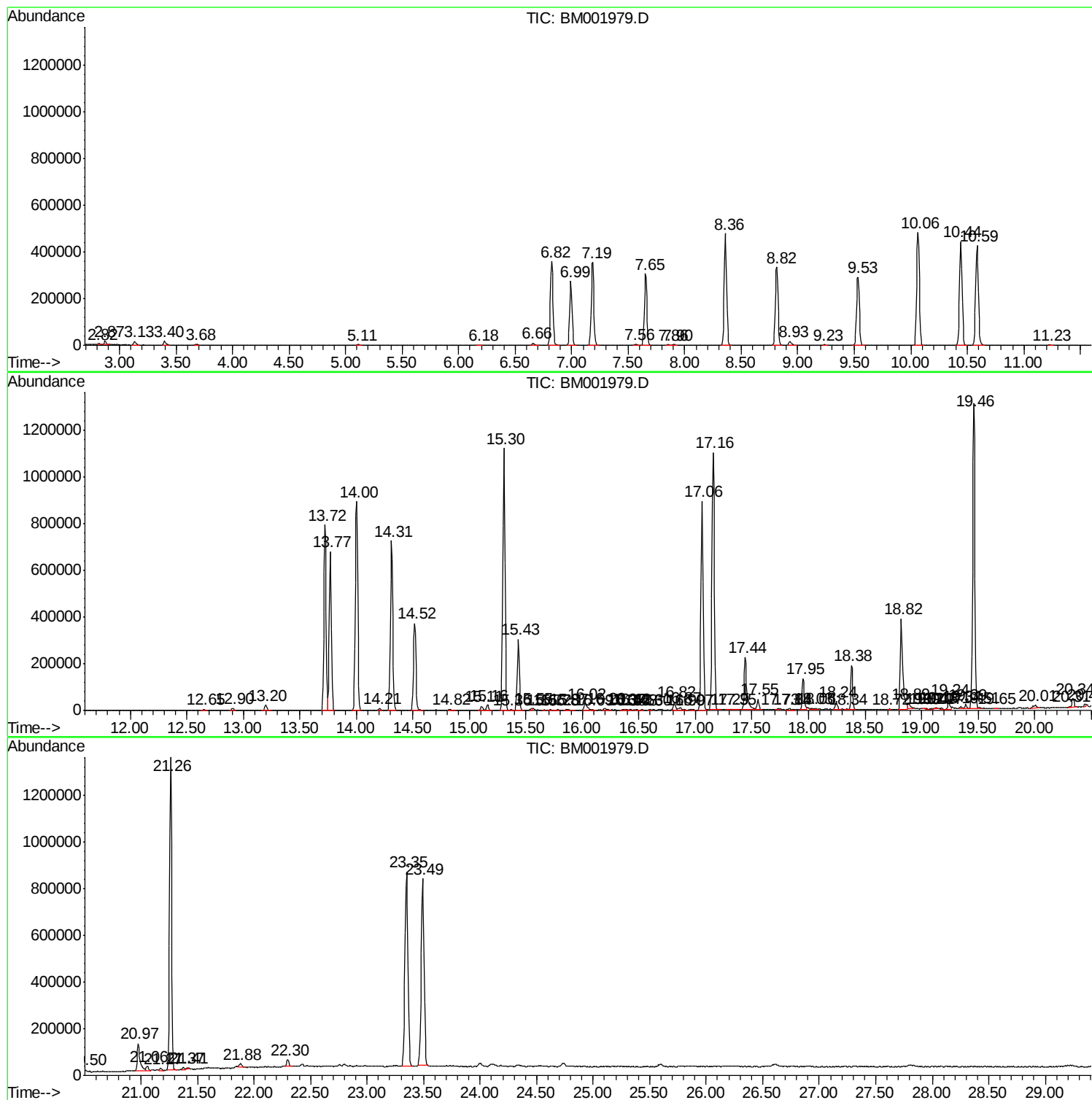
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Instrument :
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ClientSampled :
C02C4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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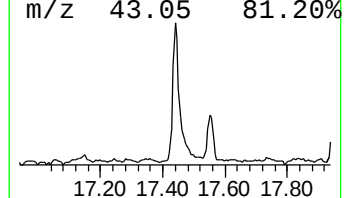
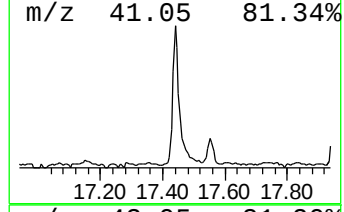
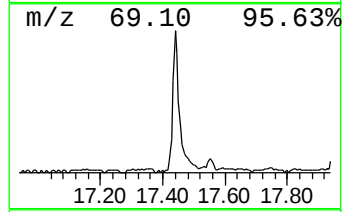
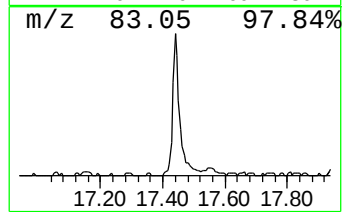
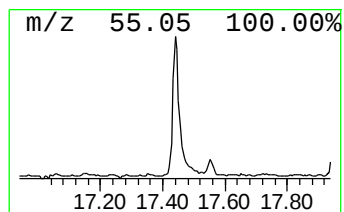
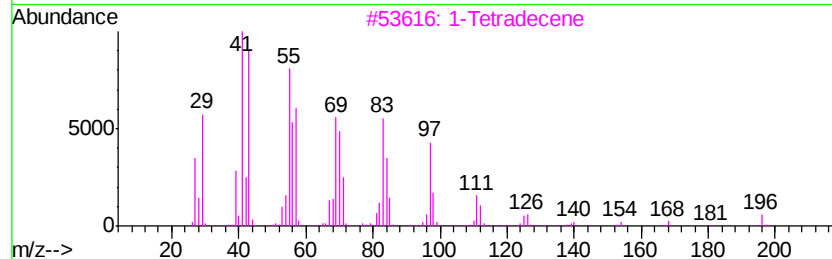
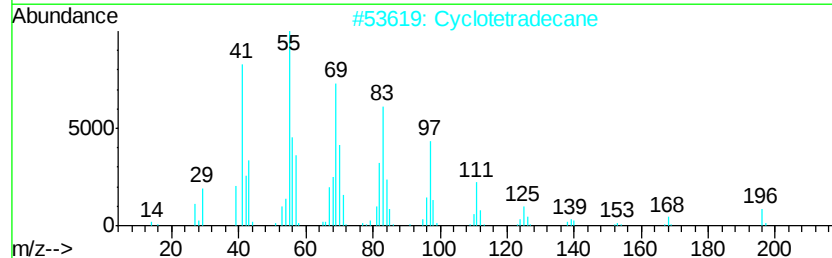
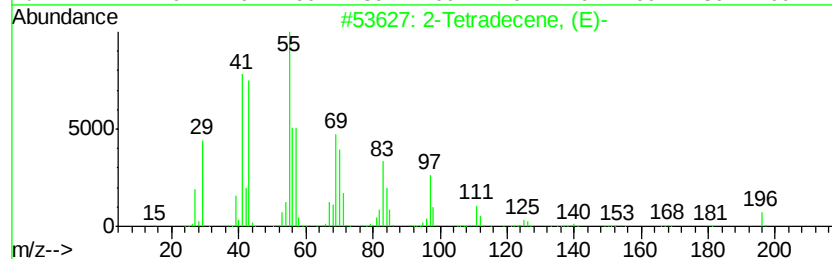
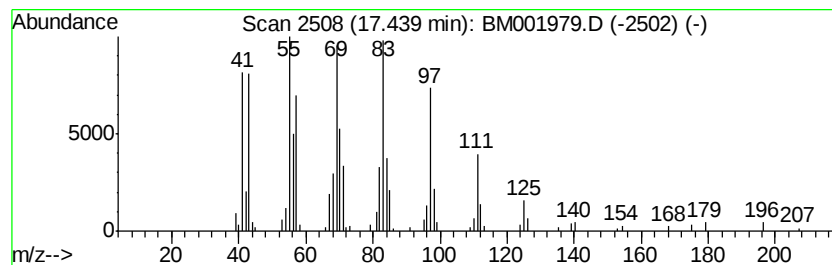
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic17.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.44	5.75 ng/ul	371643	Phenanthrene-d10		17.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	1-Tetradecene	196	C14H28	001120-36-1	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	Cyclotetradecane	196	C14H28	000295-17-0	91



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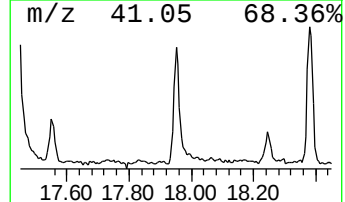
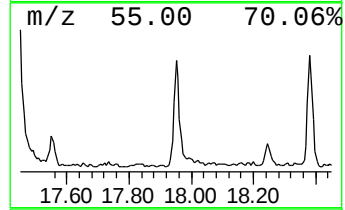
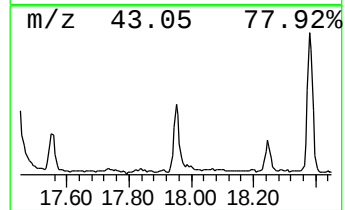
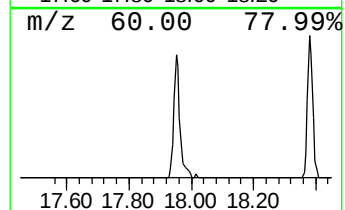
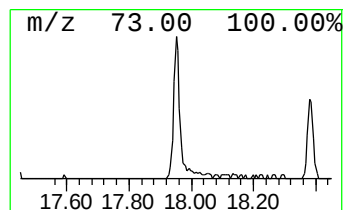
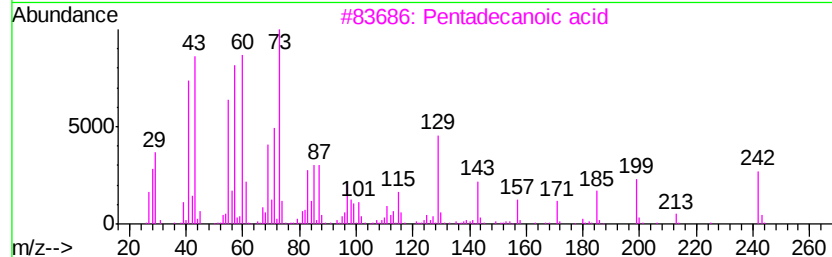
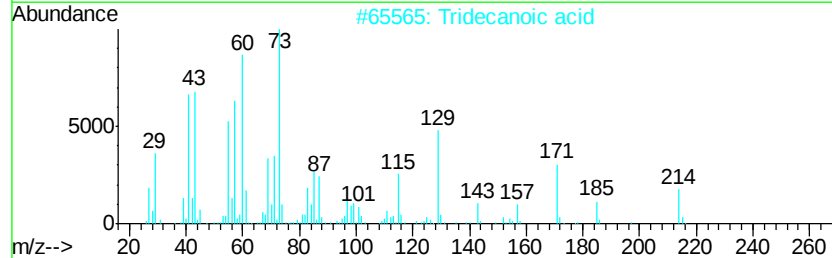
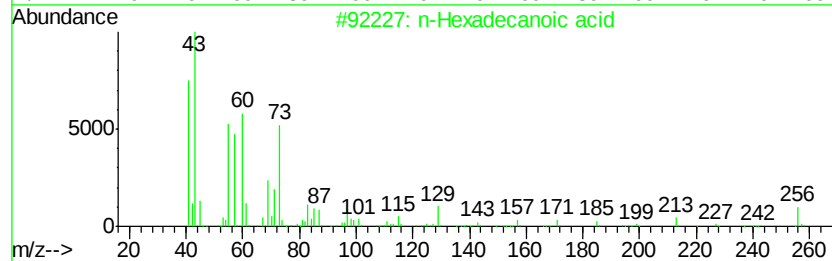
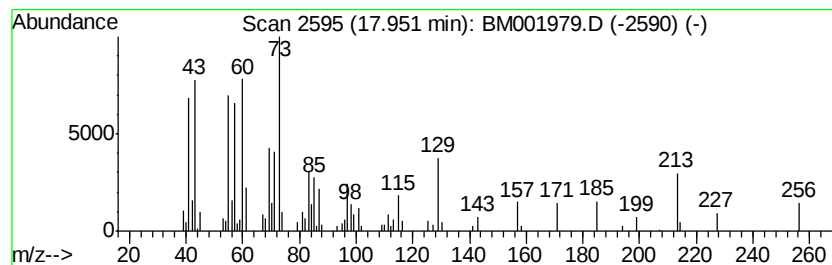
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.95	2.70 ng/ul	174524	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76
5	Tridecanoic acid		214	C13H26O2	000638-53-9	70



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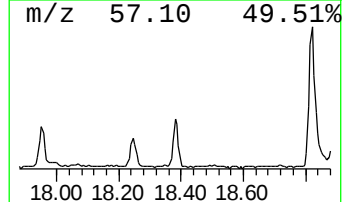
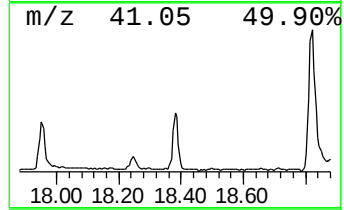
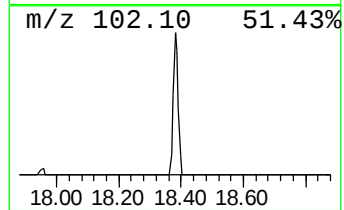
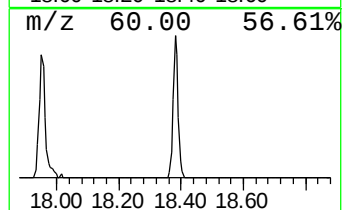
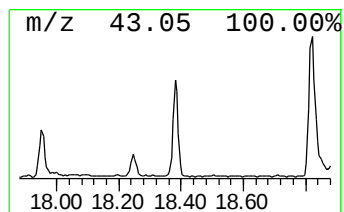
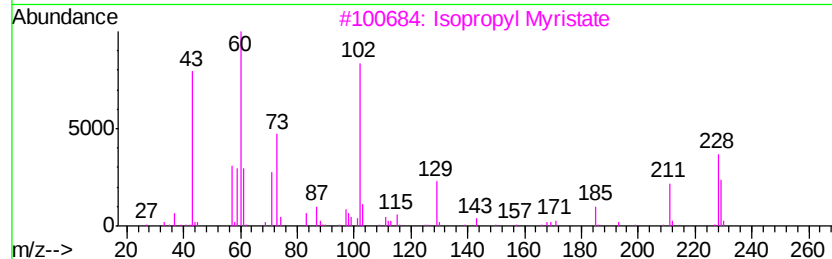
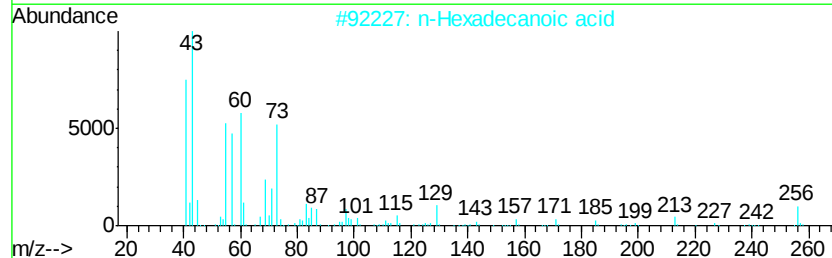
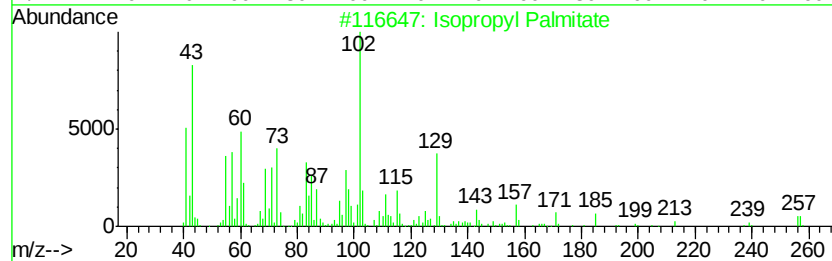
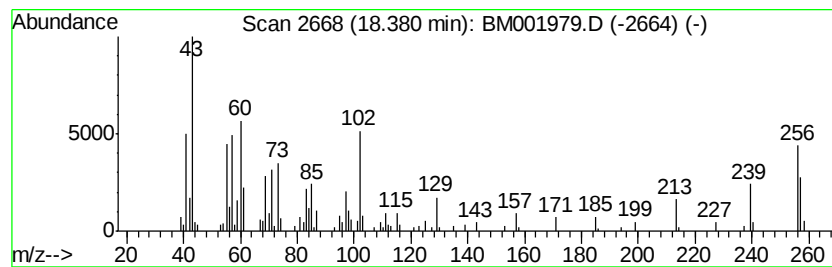
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Isopropyl Palmitate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.38	3.43 ng/ul	221985	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl	Palmitate	298	C19H38O2	000142-91-6	62
2	n-Hexadecanoic	acid	256	C16H32O2	000057-10-3	42
3	Isopropyl	Myristate	270	C17H34O2	000110-27-0	38
4	n-Hexadecanoic	acid	256	C16H32O2	000057-10-3	38
5	Nonanoic acid,	1-methylethyl ester	200	C12H24O2	028267-32-5	38



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001979.D
Acq On : 20 Jul 2015 18:13
Operator : TP/UM
Sample : G3000-17
Misc :
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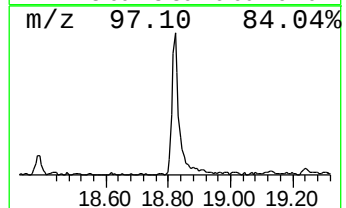
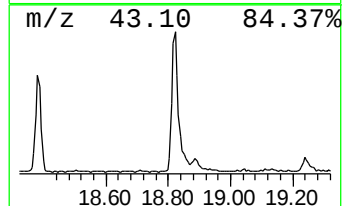
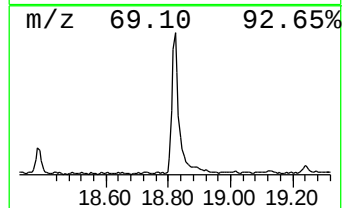
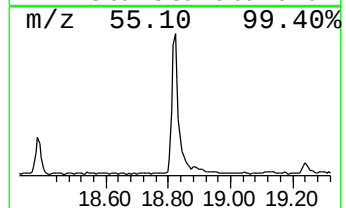
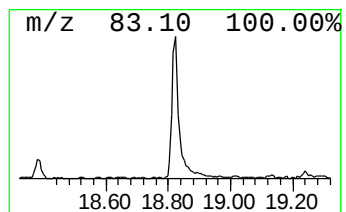
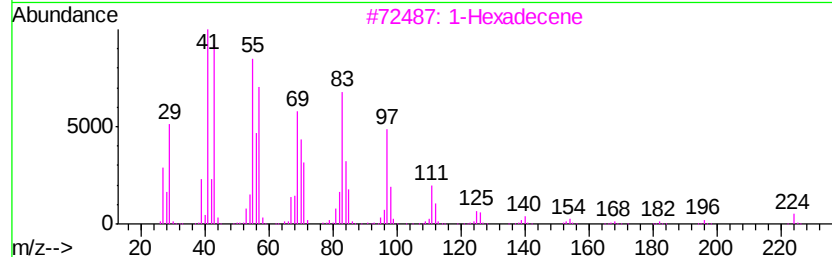
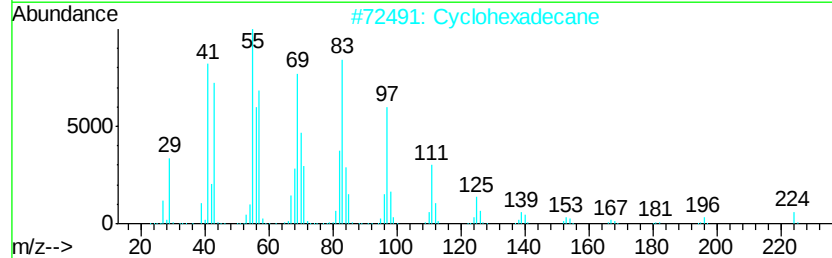
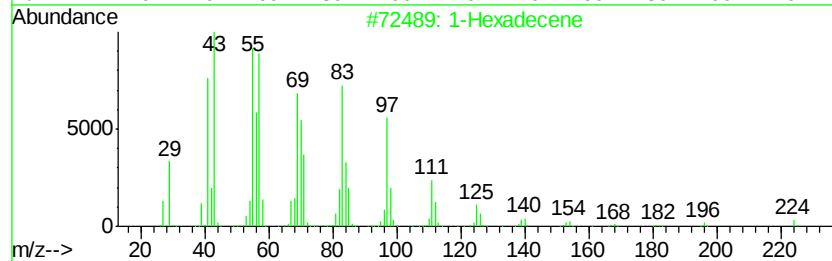
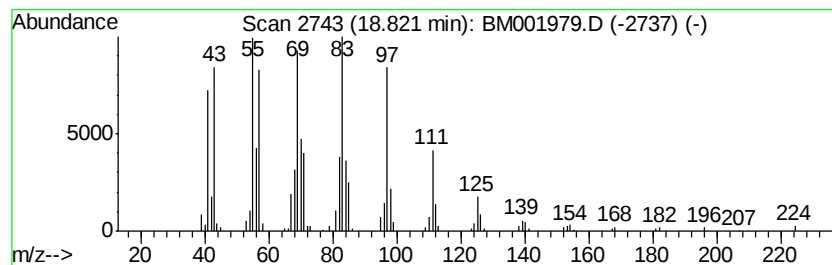
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic18.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.82	9.37 ng/ul	605896	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	1-Hexadecene	224	C16H32	000629-73-2	92
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001979.D
Acq On : 20 Jul 2015 18:13
Operator : TP/UM
Sample : G3000-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02C4

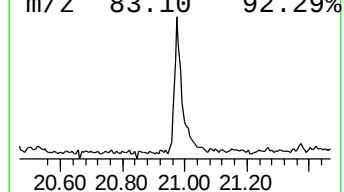
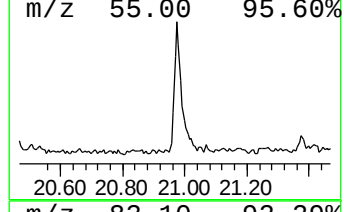
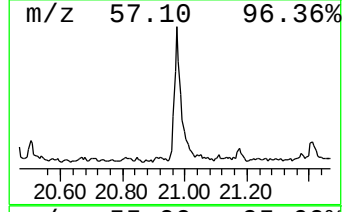
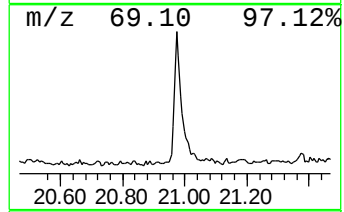
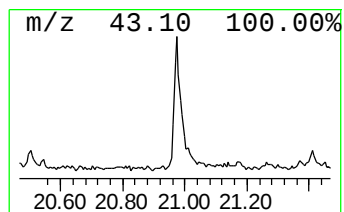
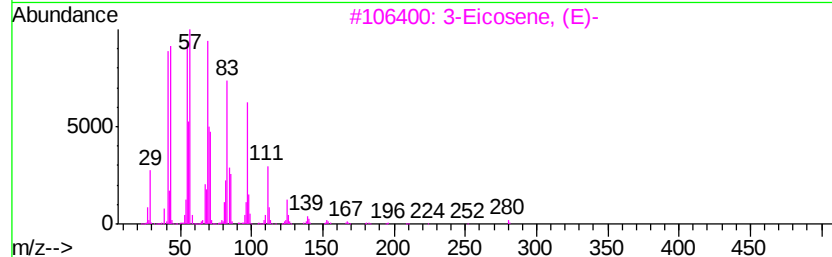
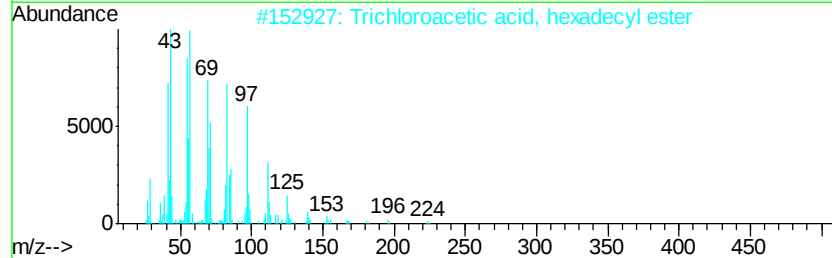
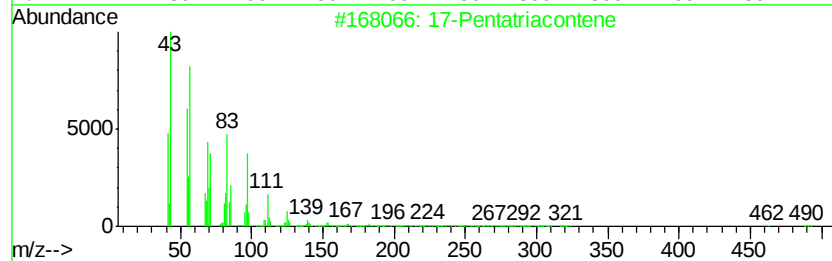
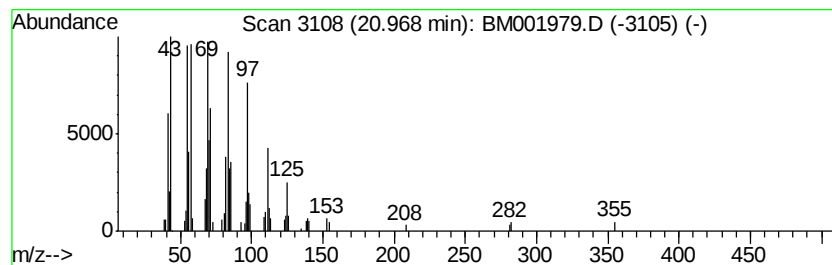
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic20.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.37 ng/ul	192872	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001979.D
Acq On : 20 Jul 2015 18:13
Operator : TP/UM
Sample : G3000-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02C4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.44	5.8	ng/ul	371643	4	17.06	1292990	20.0
n-Hexadecanoic acid	17.95	2.7	ng/ul	174524	4	17.06	1292990	20.0
Isopropyl Palmitate	18.38	3.4	ng/ul	221985	4	17.06	1292990	20.0
(DEL) Alkane: Cyc...	18.82	9.4	ng/ul	605896	4	17.06	1292990	20.0
(DEL) Alkane: Cyc...	20.97	2.4	ng/ul	192872	5	21.26	1626900	20.0