

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004254.D
 Acq On : 13 Feb 2016 07:27
 Operator : SJ/IZ
 Sample : H1414-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QE2

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 : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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	2.769	9	14	24	rVV	42941	70810	11.64%	0.899%
2	2.846	24	27	35	rVB	13751	15988	2.63%	0.203%
3	3.110	68	72	80	rVB	5466	7238	1.19%	0.092%
4	3.722	174	176	179	rVB	725	859	0.14%	0.011%
5	3.757	179	182	185	rBV	694	1043	0.17%	0.013%
6	3.852	194	198	199	rVB	1152	1046	0.17%	0.013%
7	5.698	509	512	514	rBB	1549	1634	0.27%	0.021%
8	6.828	699	704	714	rBB	104252	161182	26.49%	2.046%
9	6.981	724	730	738	rBB	88550	132157	21.72%	1.678%
10	7.181	758	764	772	rBB	118844	179125	29.43%	2.274%
11	7.245	772	775	782	rBB	3946	5589	0.92%	0.071%
12	7.645	837	843	850	rBB	120904	182119	29.93%	2.312%
13	8.363	959	965	974	rBB	146383	227867	37.44%	2.893%
14	8.804	1034	1040	1049	rBB	108149	170601	28.03%	2.166%
15	8.945	1060	1064	1068	rBB	1866	3055	0.50%	0.039%
16	9.210	1106	1109	1112	rBB2	1711	2018	0.33%	0.026%
17	9.522	1157	1162	1169	rBB	93813	148560	24.41%	1.886%
18	10.063	1248	1254	1265	rBB	147909	237289	38.99%	3.013%
19	10.433	1310	1317	1325	rBB	182153	294836	48.45%	3.743%
20	10.575	1335	1341	1353	rBV	144278	239594	39.37%	3.042%
21	12.033	1586	1589	1592	rBB	1292	1797	0.30%	0.023%
22	13.122	1771	1774	1777	rBB	2854	3084	0.51%	0.039%
23	13.198	1784	1787	1790	rBB	1961	2605	0.43%	0.033%
24	13.716	1869	1875	1880	rBV	277236	389368	63.98%	4.943%
25	13.763	1880	1883	1889	rVB	120296	157013	25.80%	1.993%
26	13.827	1890	1894	1896	rBB	1264	1063	0.17%	0.013%
27	13.998	1916	1923	1934	rBB	332646	474460	77.96%	6.024%
28	14.204	1954	1958	1962	rBB	17476	20185	3.32%	0.256%
29	14.304	1969	1975	1982	rBB2	263482	401758	66.02%	5.101%
30	14.533	2009	2014	2031	rBB	91873	145213	23.86%	1.844%
31	14.645	2031	2033	2040	rBB3	2665	4327	0.71%	0.055%
32	14.704	2041	2043	2046	rBB	1886	1948	0.32%	0.025%
33	14.763	2050	2053	2055	rBB	1760	1567	0.26%	0.020%
34	14.821	2060	2063	2067	rBB2	3913	4484	0.74%	0.057%

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35	14.892	2072	2075	2078	rBB	2336	2247	0.37%	0.029%
36	15.110	2109	2112	2115	rBB	1533	1782	0.29%	0.023%
37	15.157	2116	2120	2125	rBB	25047	29768	4.89%	0.378%
38	15.221	2128	2131	2134	rBV2	1704	2037	0.33%	0.026%
39	15.304	2139	2145	2152	rBB	425576	590656	97.06%	7.499%
40	15.445	2164	2169	2176	rBB	108973	143479	23.58%	1.822%
41	15.545	2182	2186	2188	rBV3	6585	9165	1.51%	0.116%
42	15.604	2194	2196	2200	rBB	1722	1781	0.29%	0.023%
43	15.663	2203	2206	2208	rBB	2448	2369	0.39%	0.030%
44	15.715	2212	2215	2218	rBB	3077	3481	0.57%	0.044%
45	15.780	2223	2226	2229	rBB2	3352	3480	0.57%	0.044%
46	16.021	2263	2267	2276	rBV	26042	42310	6.95%	0.537%
47	16.098	2278	2280	2286	rVB	558	770	0.13%	0.010%
48	16.368	2322	2326	2333	rBV	3161	5866	0.96%	0.074%
49	16.427	2333	2336	2340	rVB	1814	1991	0.33%	0.025%
50	16.480	2343	2345	2347	rBB	1375	1148	0.19%	0.015%
51	16.527	2351	2353	2356	rBB	1970	1672	0.27%	0.021%
52	16.598	2362	2365	2367	rBB	1235	994	0.16%	0.013%
53	16.815	2398	2402	2406	rBV	14266	17166	2.82%	0.218%
54	16.862	2406	2410	2415	rVB2	3666	5572	0.92%	0.071%
55	17.057	2437	2443	2449	rBV2	308476	445124	73.14%	5.651%
56	17.157	2454	2460	2472	rVB2	434155	599534	98.52%	7.611%
57	17.551	2525	2527	2531	rBB	3949	4059	0.67%	0.052%
58	17.957	2593	2596	2603	rBB	7056	8474	1.39%	0.108%
59	18.027	2603	2608	2611	rBV3	1644	3026	0.50%	0.038%
60	18.162	2611	2631	2632	rBV3	15352	47554	7.81%	0.604%
61	18.256	2639	2647	2649	rBV4	10277	23661	3.89%	0.300%
62	18.327	2653	2659	2674	rVB8	24358	98523	16.19%	1.251%
63	18.486	2677	2686	2693	rBV6	25289	87026	14.30%	1.105%
64	18.098	2786	2790	2792	rBV	2869	3030	0.50%	0.038%
65	19.127	2792	2795	2799	rVB	5313	5992	0.98%	0.076%
66	19.245	2813	2815	2818	rBV	1098	1312	0.22%	0.017%
67	19.351	2829	2833	2838	rBV	2140	2831	0.47%	0.036%
68	19.468	2847	2853	2860	rBV2	439499	608564	100.00%	7.726%
69	19.986	2938	2941	2944	rBV	1324	1674	0.28%	0.021%
70	20.009	2944	2945	2948	rVB2	1090	902	0.15%	0.011%
71	20.062	2953	2954	2957	rVB2	754	611	0.10%	0.008%

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72	20.256	2983	2987	2990	rBV4	861	1536	0.25%	0.020%
73	20.292	2991	2993	2995	rVB2	1076	875	0.14%	0.011%
74	20.309	2995	2996	2998	rBV	1408	1344	0.22%	0.017%
75	20.333	2998	3000	3005	rVB4	1169	1713	0.28%	0.022%
76	20.398	3005	3011	3014	rBV4	5661	10242	1.68%	0.130%
77	20.492	3025	3027	3028	rBV	1915	1806	0.30%	0.023%
78	20.509	3028	3030	3031	rVV2	1984	1285	0.21%	0.016%
79	20.615	3046	3048	3051	rVB3	2071	1930	0.32%	0.025%
80	20.709	3063	3064	3065	rBV	1590	1005	0.17%	0.013%
81	20.780	3074	3076	3077	rBV2	2578	2178	0.36%	0.028%
82	20.833	3081	3085	3086	rBV3	4171	5189	0.85%	0.066%
83	20.974	3105	3109	3117	rBV	39595	48936	8.04%	0.621%
84	21.268	3154	3159	3168	rBV	312840	397470	65.31%	5.046%
85	23.362	3508	3515	3528	rVB	285070	528435	86.83%	6.709%
86	23.497	3532	3538	3549	rVB2	196263	371732	61.08%	4.719%

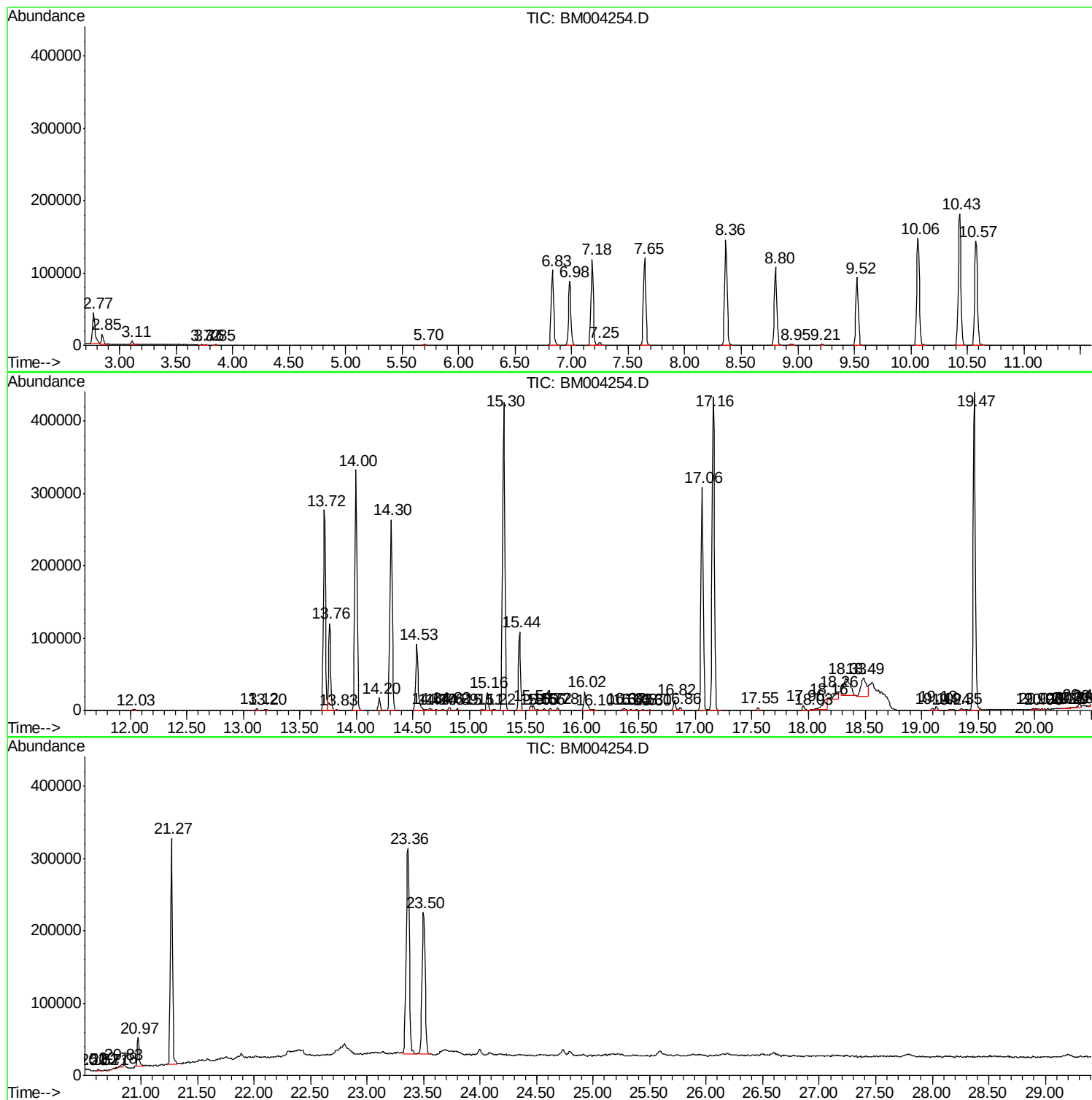
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



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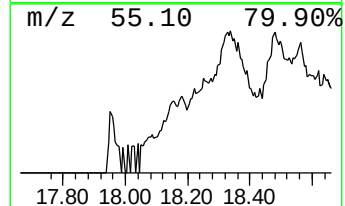
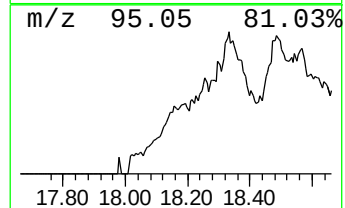
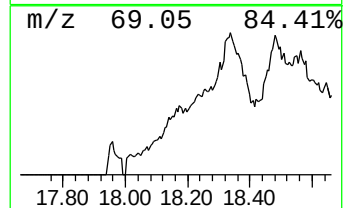
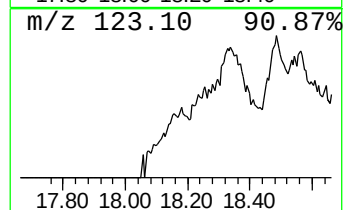
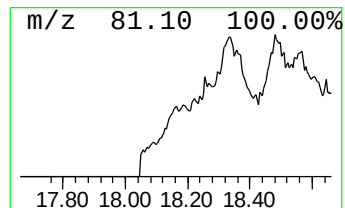
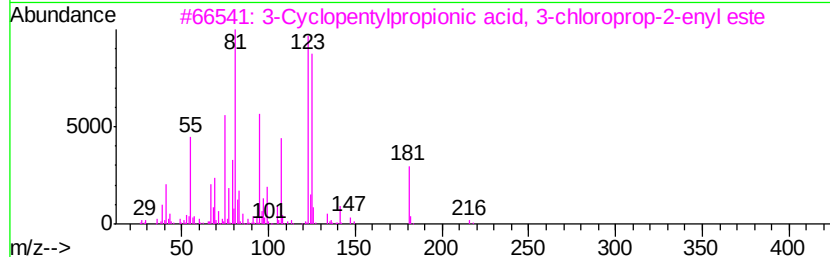
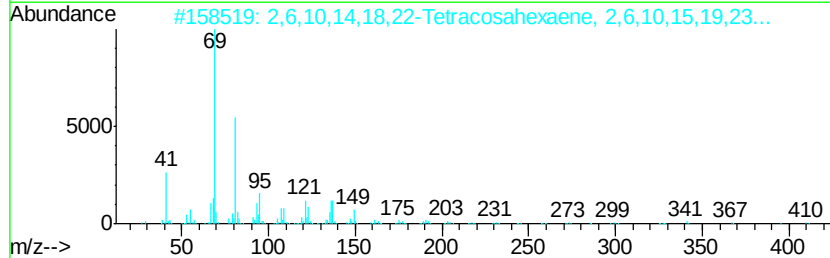
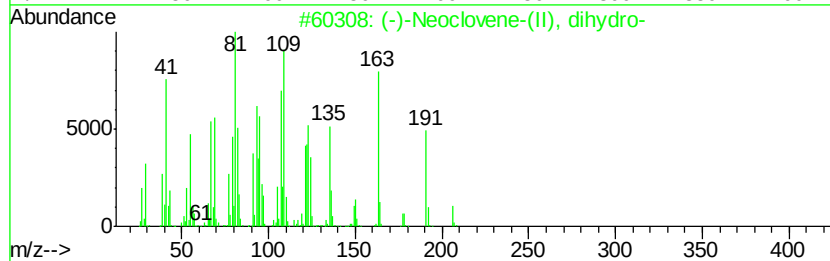
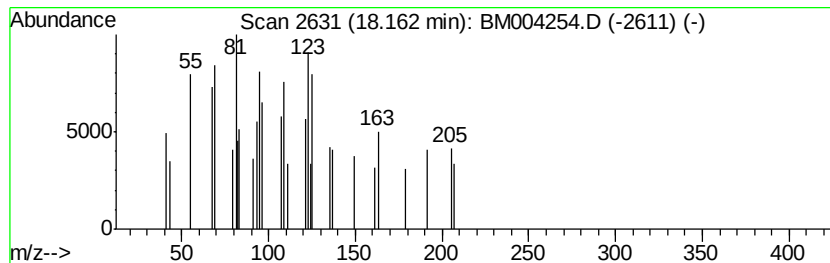
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.14 ng/ul	47554	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	43
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	38
3		3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	38
4		2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	35
5		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	35



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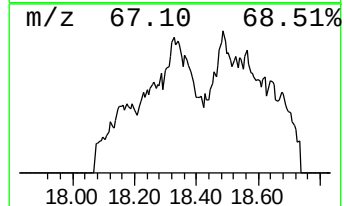
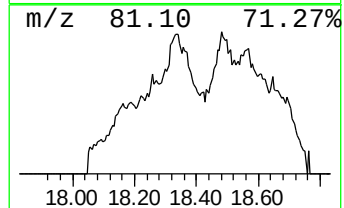
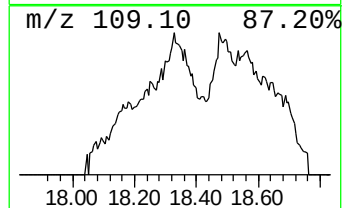
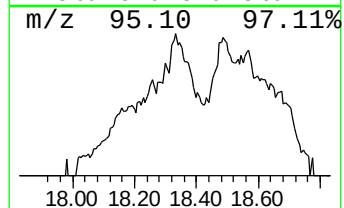
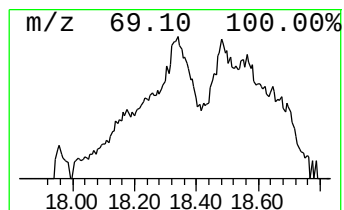
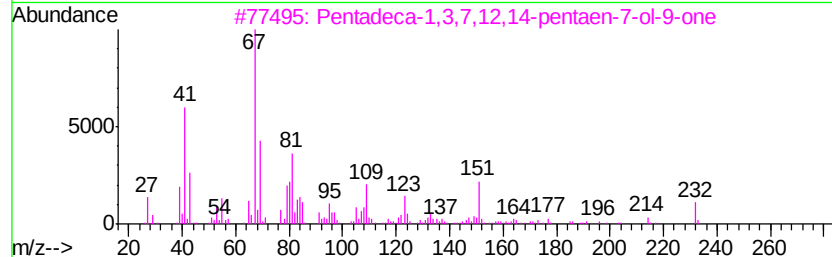
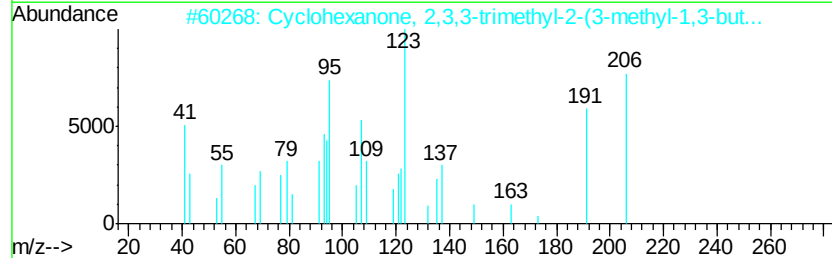
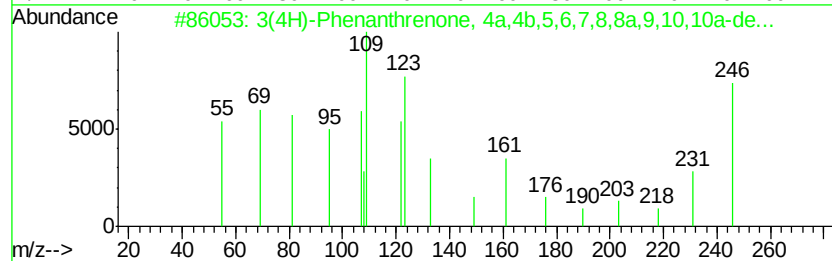
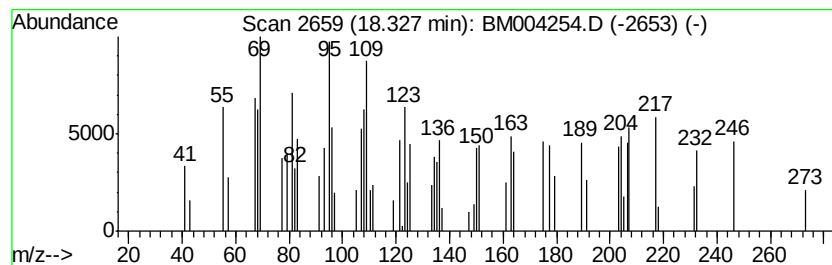
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.33	4.43 ng/ul	98523	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	35	
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	25	
3	Pentadeca-1,3,7,12,14-pentaen-7-...	232	C15H20O2	1000161-45-6	22	
4	Bis(Methylseleno)methane	204	C3H8Se2	056051-03-7	18	
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	11	



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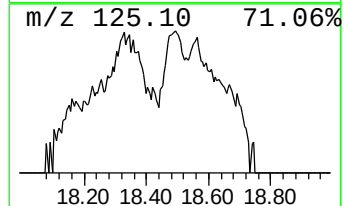
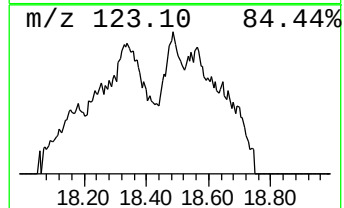
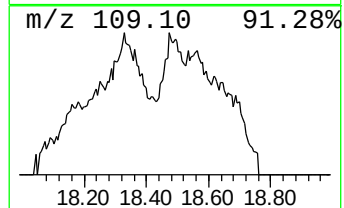
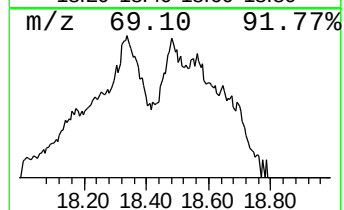
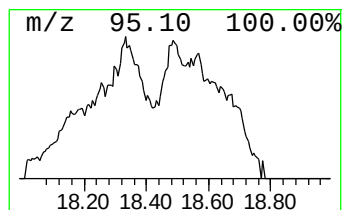
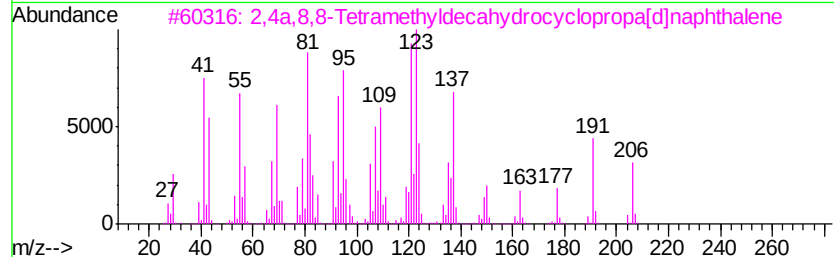
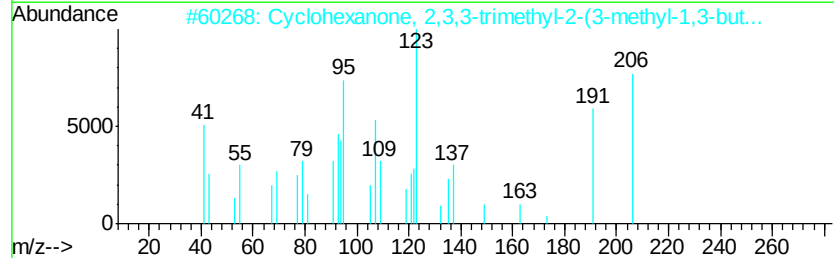
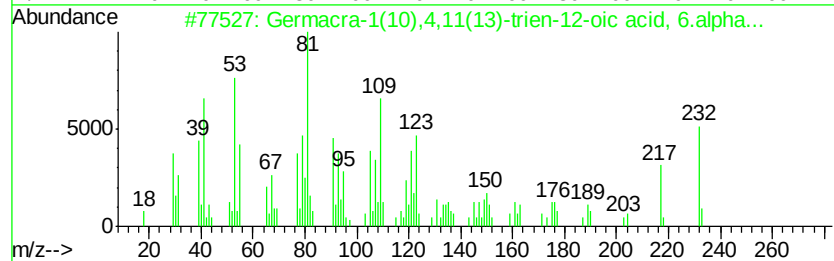
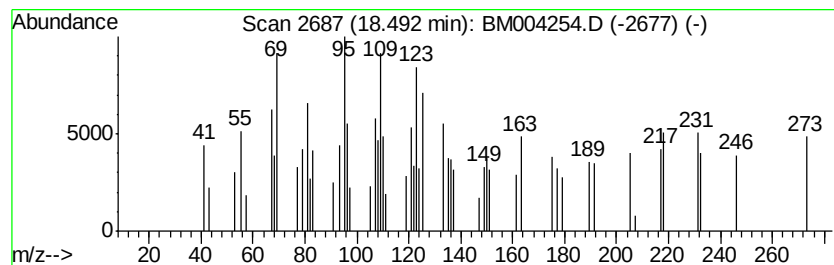
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Germacra-1(10),4,11(13)-tri... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.49	3.91 ng/ul	87026	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	64
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	49
3		2,4a,8,8-Tetramethyldecahydrocvc...	206	C15H26	074022-04-1	46
4		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	35
5		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	35



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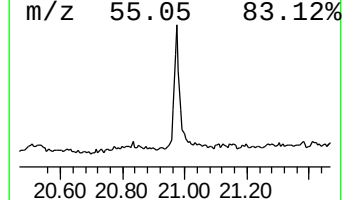
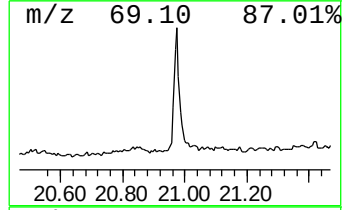
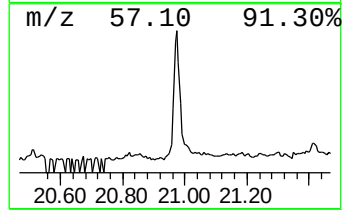
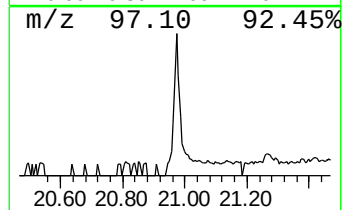
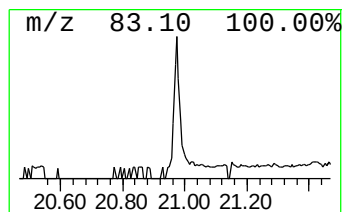
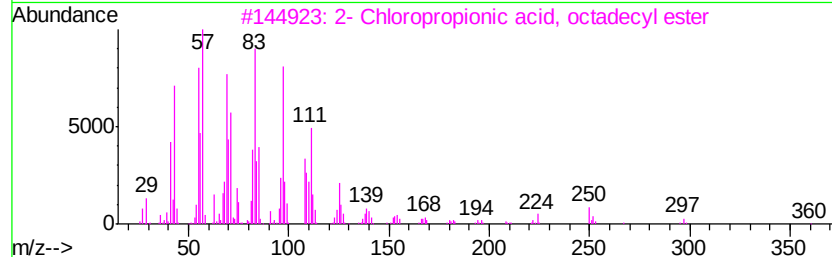
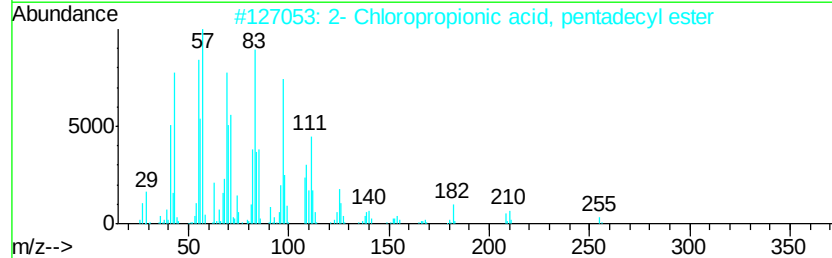
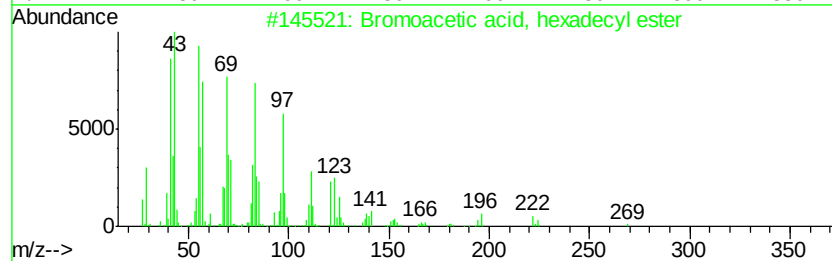
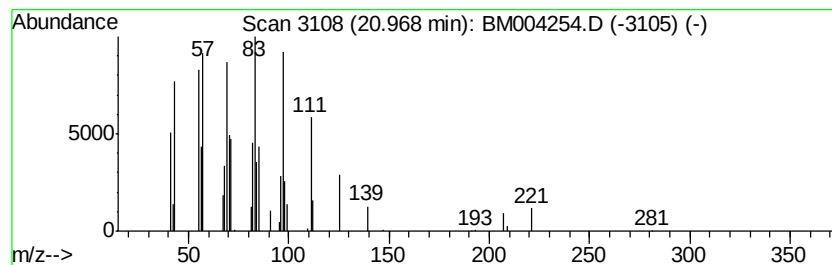
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.46 ng/ul	48936	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004254.D
Acq On : 13 Feb 2016 07:27
Operator : SJ/IZ
Sample : H1414-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9QE2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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
unknown-01	18.16	2.1	ng/ul	47554	4	17.06	445124	20.0
unknown-02	18.33	4.4	ng/ul	98523	4	17.06	445124	20.0
Germacra-1(10),4,...	18.49	3.9	ng/ul	87026	4	17.06	445124	20.0
Bromoacetic acid,...	20.97	2.5	ng/ul	48936	5	21.27	397470	20.0