

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025047.D
 Acq On : 9 Dec 2016 23:15
 Operator : UM/SJ
 Sample : H5860-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8D4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.545	118	120	123	rBV4	6188	8392	0.29%	0.025%
2	3.604	126	130	136	rVB6	21415	30548	1.06%	0.090%
3	3.891	174	179	182	rBV6	11818	21289	0.74%	0.063%
4	4.362	257	259	266	rVB6	7639	13324	0.46%	0.039%
5	4.461	271	276	277	rBV5	8547	9384	0.32%	0.028%
6	4.696	312	316	320	rBV5	7279	12072	0.42%	0.035%
7	4.802	332	334	341	rBV6	7775	12204	0.42%	0.036%
8	5.061	373	378	380	rBV4	5480	8135	0.28%	0.024%
9	5.190	398	400	406	rVB6	5324	9693	0.34%	0.028%
10	5.313	416	421	427	rBV4	12110	18685	0.65%	0.055%
11	5.924	523	525	531	rVB4	4569	8390	0.29%	0.025%
12	6.441	606	613	620	rVB7	7248	11828	0.41%	0.035%
13	6.782	667	671	680	rVB6	6287	11703	0.40%	0.034%
14	7.205	736	743	750	rBV10	7719	22044	0.76%	0.065%
15	7.387	767	774	790	rBV3	397392	863653	29.87%	2.537%
16	7.558	796	803	813	rBV2	246225	445174	15.40%	1.308%
17	7.769	832	839	850	rBV	357669	667898	23.10%	1.962%
18	7.916	862	864	870	rBV3	4267	10122	0.35%	0.030%
19	8.040	883	885	891	rVB4	5062	8489	0.29%	0.025%
20	8.245	913	920	931	rBV	348754	638218	22.08%	1.875%
21	8.551	970	972	978	rBV3	4454	9355	0.32%	0.027%
22	8.944	1025	1039	1051	rBV	500665	946593	32.74%	2.780%
23	9.420	1111	1120	1128	rBV	400256	762369	26.37%	2.239%
24	9.485	1128	1131	1141	rVV7	17231	33237	1.15%	0.098%
25	9.626	1152	1155	1158	rBV4	5413	9045	0.31%	0.027%
26	9.661	1159	1161	1171	rVB5	5096	12420	0.43%	0.036%
27	9.749	1171	1176	1179	rBV6	8186	11850	0.41%	0.035%
28	9.920	1198	1205	1211	rVB7	6125	17423	0.60%	0.051%
29	10.143	1233	1243	1260	rBV2	347686	681922	23.59%	2.003%
30	10.255	1260	1262	1268	rVB5	7746	8865	0.31%	0.026%
31	10.495	1299	1303	1309	rVB6	5173	11520	0.40%	0.034%
32	10.684	1326	1335	1346	rBV	503893	998508	34.54%	2.933%
33	11.071	1389	1401	1413	rBV	519911	998240	34.53%	2.932%
34	11.206	1416	1424	1437	rVB2	370526	723766	25.04%	2.126%

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35	11.817	1524	1528	1534	rVV7	9966	15824	0.55%	0.046%
36	11.882	1534	1539	1542	rVB5	8706	11720	0.41%	0.034%
37	12.111	1575	1578	1586	rVB6	4937	11872	0.41%	0.035%
38	12.382	1620	1624	1630	rVB3	5762	10340	0.36%	0.030%
39	12.523	1642	1648	1654	rVB4	5520	11594	0.40%	0.034%
40	12.640	1663	1668	1676	rVB6	12726	26105	0.90%	0.077%
41	13.040	1734	1736	1742	rBV5	5196	9802	0.34%	0.029%
42	13.210	1762	1765	1767	rBV3	7557	8409	0.29%	0.025%
43	13.445	1801	1805	1813	rVB6	10113	20436	0.71%	0.060%
44	13.651	1834	1840	1843	rBV6	6085	10780	0.37%	0.032%
45	13.721	1847	1852	1860	rVB6	15566	30611	1.06%	0.090%
46	14.050	1905	1908	1913	rBV4	18927	30242	1.05%	0.089%
47	14.191	1927	1932	1934	rBV5	5964	10371	0.36%	0.030%
48	14.256	1934	1943	1947	rBV	984478	1479156	51.16%	4.345%
49	14.303	1947	1951	1962	rVB	502931	775064	26.81%	2.277%
50	14.479	1977	1981	1984	rBV6	5674	9394	0.32%	0.028%
51	14.561	1987	1995	2006	rVV	1078234	1705256	58.99%	5.009%
52	14.708	2014	2020	2029	rVB5	13242	29897	1.03%	0.088%
53	14.861	2039	2046	2057	rVV	948159	1558839	53.92%	4.579%
54	15.055	2069	2079	2093	rBV	387818	804318	27.82%	2.362%
55	15.225	2106	2108	2113	rVB4	8590	9968	0.34%	0.029%
56	15.319	2121	2124	2128	rVB4	5464	8271	0.29%	0.024%
57	15.396	2133	2137	2140	rVB3	7329	11333	0.39%	0.033%
58	15.613	2168	2174	2177	rBV2	27489	39269	1.36%	0.115%
59	15.648	2177	2180	2185	rVB2	37145	52116	1.80%	0.153%
60	15.731	2190	2194	2195	rVB4	7624	8845	0.31%	0.026%
61	15.848	2205	2214	2227	rBV	1422610	2284232	79.01%	6.709%
62	15.966	2228	2234	2243	rBV2	446144	705123	24.39%	2.071%
63	16.089	2253	2255	2263	rVB6	23872	36723	1.27%	0.108%
64	16.171	2263	2269	2271	rVB7	7496	13331	0.46%	0.039%
65	16.206	2273	2275	2280	rBV5	9066	16021	0.55%	0.047%
66	16.271	2283	2286	2294	rBV8	7940	20484	0.71%	0.060%
67	16.371	2299	2303	2307	rVV7	7216	11535	0.40%	0.034%
68	16.512	2323	2327	2335	rBV4	52026	96763	3.35%	0.284%
69	16.624	2343	2346	2348	rBV4	5190	8850	0.31%	0.026%
70	16.700	2356	2359	2364	rVB5	13279	21620	0.75%	0.064%
71	16.776	2369	2372	2374	rBV4	9307	10019	0.35%	0.029%

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72	16.912	2392	2395	2400	rBV6	8619	18451	0.64%	0.054%
73	16.970	2400	2405	2410	rVV7	9253	17562	0.61%	0.052%
74	17.082	2422	2424	2429	rVB6	12808	14838	0.51%	0.044%
75	17.129	2429	2432	2435	rBV5	7239	10924	0.38%	0.032%
76	17.305	2454	2462	2466	rBV2	65385	93853	3.25%	0.276%
77	17.358	2466	2471	2476	rVV7	17875	27086	0.94%	0.080%
78	17.470	2488	2490	2496	rVB7	7442	10346	0.36%	0.030%
79	17.605	2506	2513	2522	rBV2	1253985	1972856	68.24%	5.795%
80	17.705	2522	2530	2538	rVB	1522878	2425833	83.91%	7.125%
81	17.846	2551	2554	2559	rVB6	13539	15680	0.54%	0.046%
82	17.940	2564	2570	2582	rBV3	157450	321303	11.11%	0.944%
83	18.045	2584	2588	2593	rVB	63400	85519	2.96%	0.251%
84	18.222	2615	2618	2627	rBV10	13652	35582	1.23%	0.105%
85	18.345	2633	2639	2645	rBV10	6734	18317	0.63%	0.054%
86	18.445	2651	2656	2664	rBV4	107736	176436	6.10%	0.518%
87	18.639	2687	2689	2692	rBV4	12963	19523	0.68%	0.057%
88	18.727	2699	2704	2708	rBV4	50483	70991	2.46%	0.209%
89	19.127	2769	2772	2776	rBV5	8657	11358	0.39%	0.033%
90	19.291	2795	2800	2806	rBV2	135961	242652	8.39%	0.713%
91	19.350	2807	2810	2813	rVB5	25965	28602	0.99%	0.084%
92	19.508	2832	2837	2842	rBV8	18438	34346	1.19%	0.101%
93	19.608	2850	2854	2860	rVB2	28115	45576	1.58%	0.134%
94	19.702	2866	2870	2874	rVB6	28574	33442	1.16%	0.098%
95	19.849	2892	2895	2903	rVB6	27258	57740	2.00%	0.170%
96	19.978	2910	2917	2927	rBV	1843559	2890987	100.00%	8.492%
97	21.471	3167	3171	3185	rBV8	119565	255070	8.82%	0.749%
98	21.894	3237	3243	3252	rBV	1324977	2343959	81.08%	6.885%
99	25.078	3774	3785	3802	rBV2	821187	2646161	91.53%	7.772%
100	25.313	3816	3825	3843	rVB2	636153	2139509	74.01%	6.284%

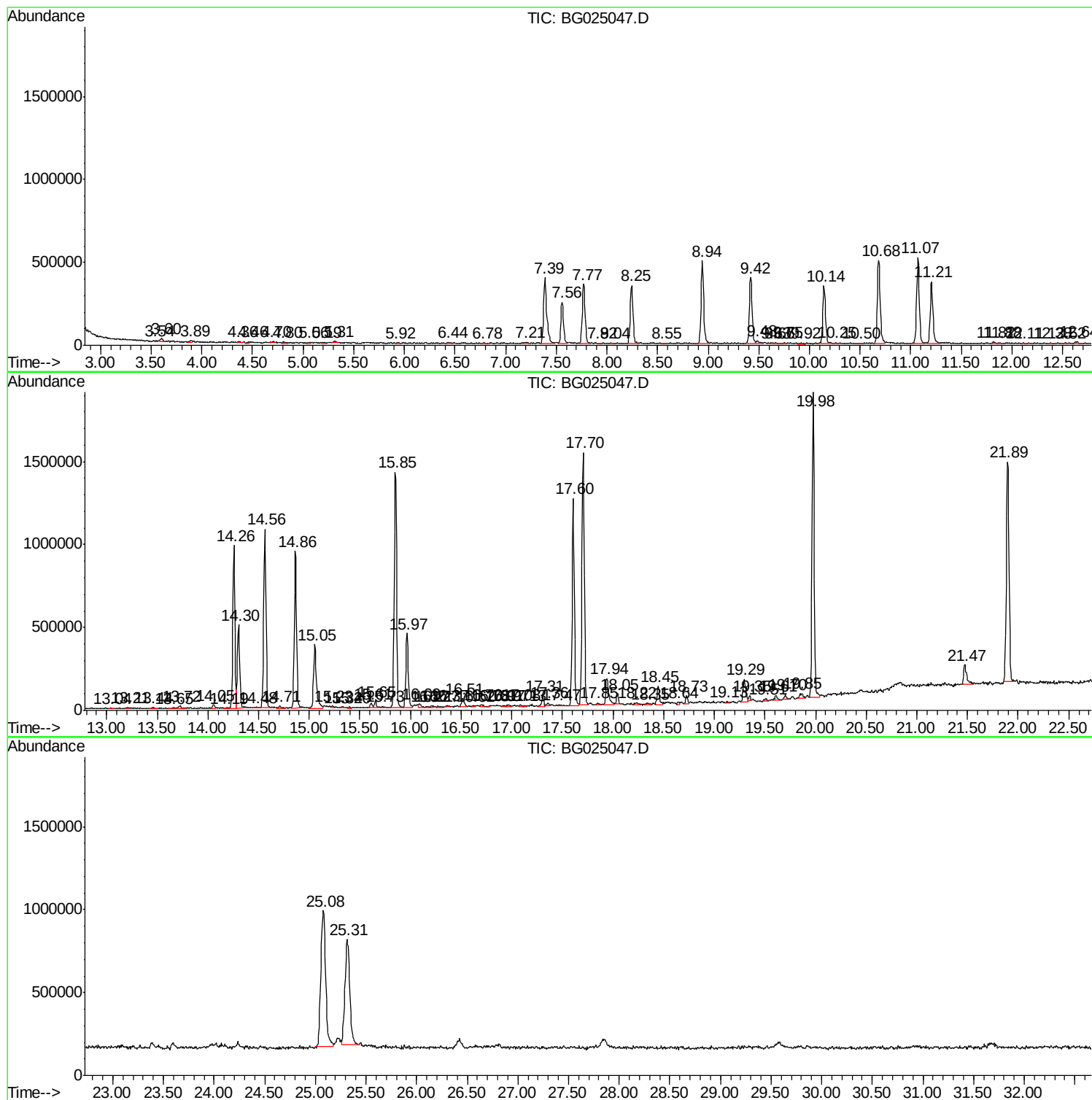
Sum of corrected areas: 34045393

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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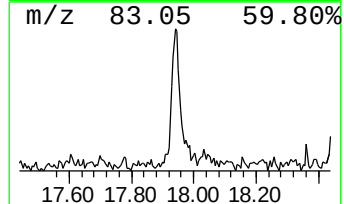
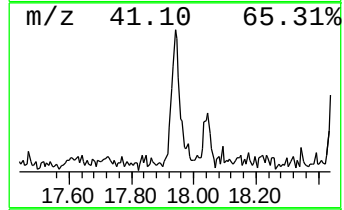
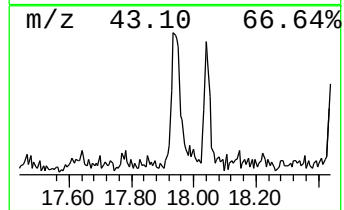
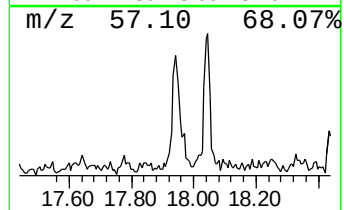
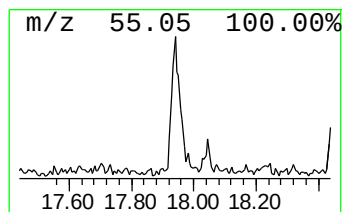
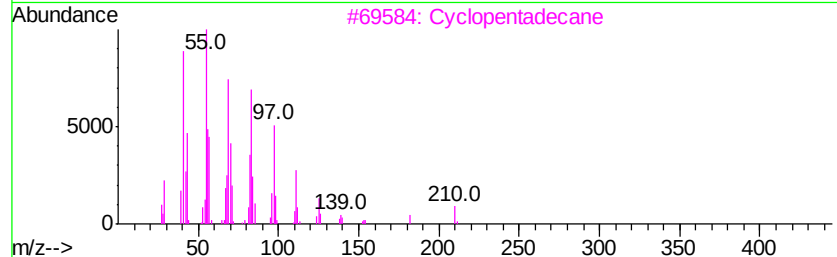
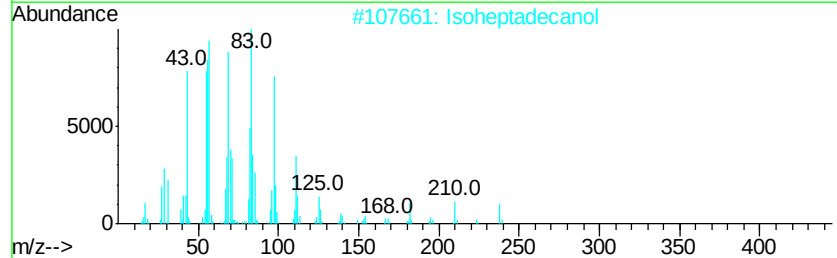
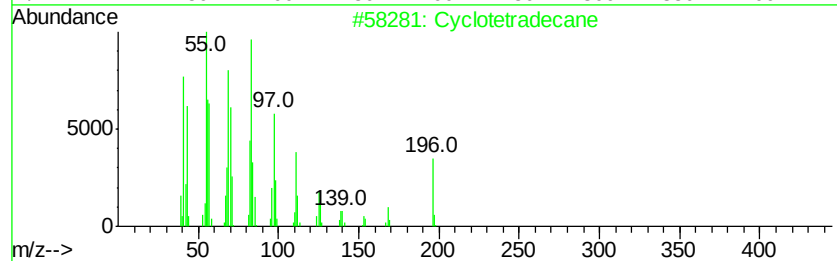
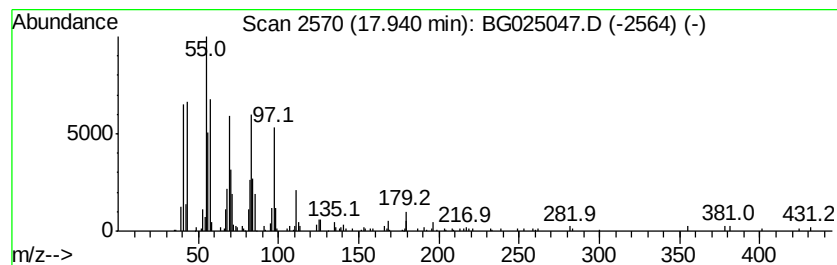
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.26 ng/ul	321303	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	89
2			Isoheptadecanol	256	C17H36O	057289-07-3	87
3			Cyclopentadecane	210	C15H30	000295-48-7	87
4			11-Tricosene	322	C23H46	052078-56-5	86
5			Cyclododecane	168	C12H24	000294-62-2	74



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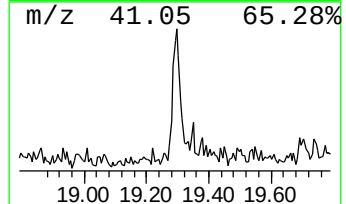
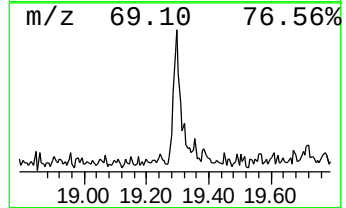
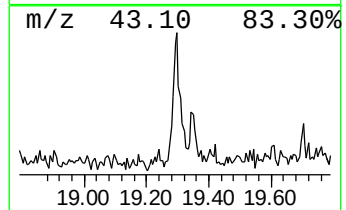
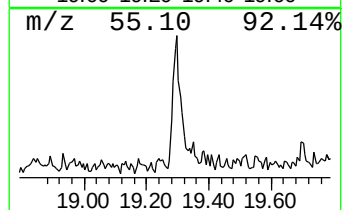
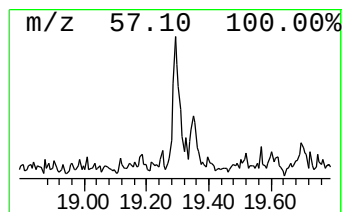
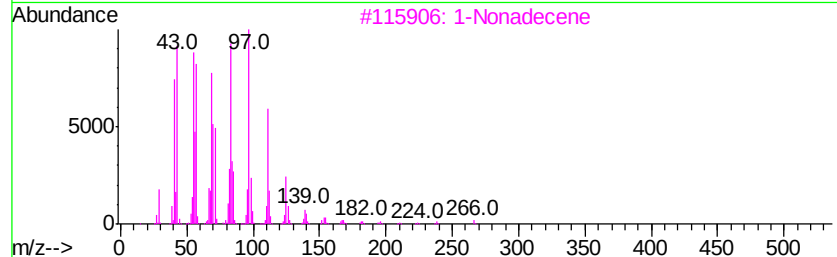
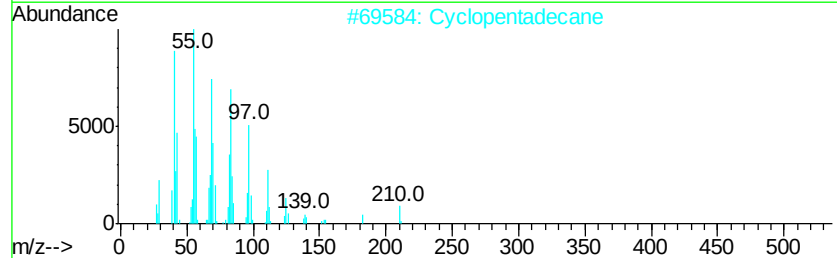
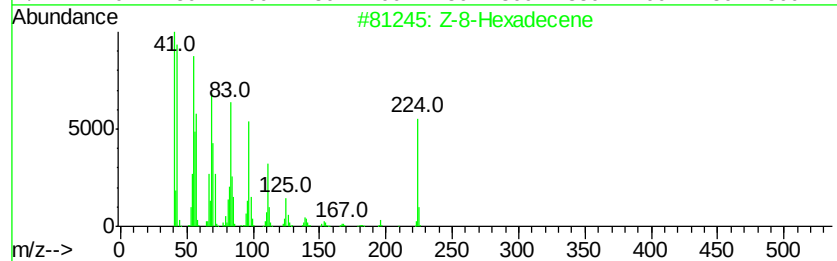
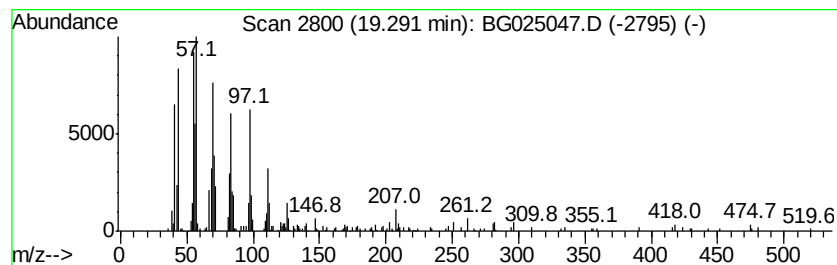
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic19.29 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.29	2.46 ng/ul	242652	Phenanthrene-d10	17.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	92
2	Cyclopentadecane	210	C15H30	000295-48-7	91
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	87
5	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	87



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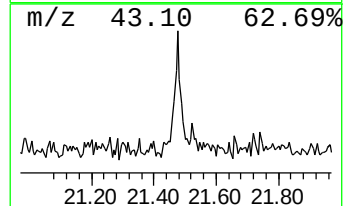
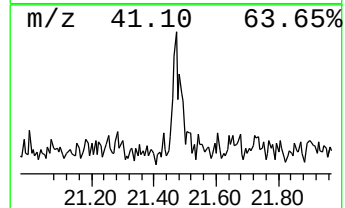
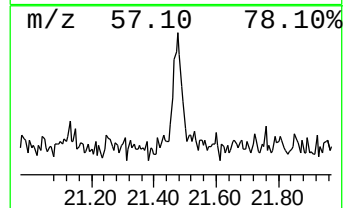
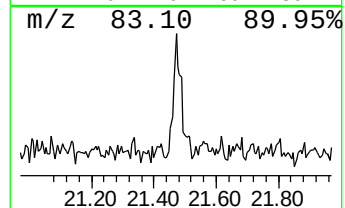
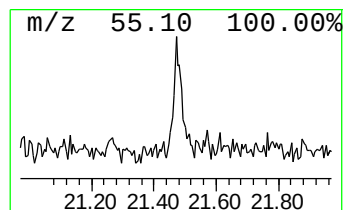
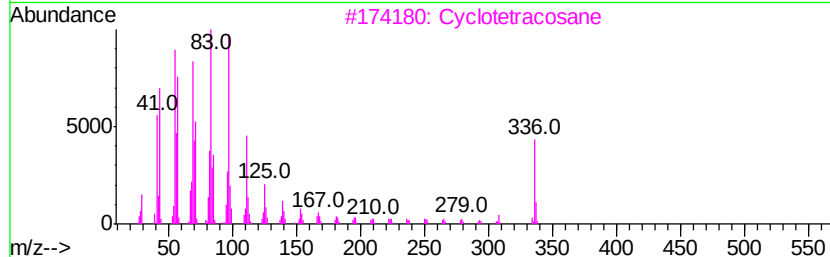
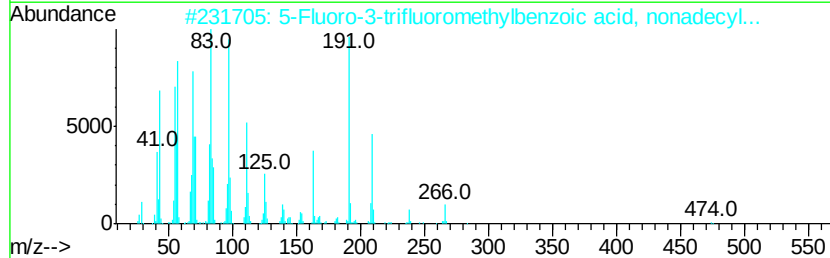
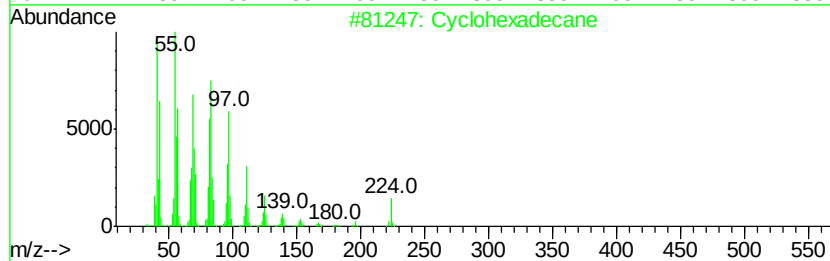
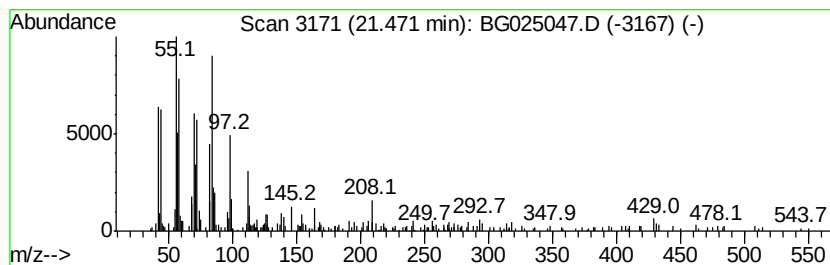
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Peak Number 3 (DEL) Alkane: Cyclic21.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.18 ng/ul	255070	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 89
2		5-Fluoro-3-trifluoromethylbenzoi...	474 C27H42F4O2	1000338-91-1 89
3		Cyclotetracosane	336 C24H48	000297-03-0 64
4		1-Docosene	308 C22H44	001599-67-3 50
5		10-Heneicosene (c,t)	294 C21H42	095008-11-0 50



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Sample : H5860-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8D4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.94	3.3	ng/ul	321303	4	17.60	1972860	20.0
(DEL) Alkane: Cyc...	19.29	2.5	ng/ul	242652	4	17.60	1972860	20.0
(DEL) Alkane: Cyc...	21.47	2.2	ng/ul	255070	5	21.89	2343960	20.0