

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001987.D
 Acq On : 20 Jul 2015 23:11
 Operator : TP/UM
 Sample : G3000-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C2

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	2.728	3	7	11	rBV5	1801	2840	0.18%	0.012%
2	2.787	16	17	21	rVV3	3033	3355	0.22%	0.014%
3	2.834	23	25	28	rVV2	4024	4142	0.27%	0.017%
4	2.875	28	32	38	rVB	17944	24396	1.57%	0.100%
5	3.052	59	62	66	rVB2	1596	2220	0.14%	0.009%
6	3.134	72	76	85	rBV2	22227	30343	1.96%	0.125%
7	3.275	97	100	102	rBV2	1816	2416	0.16%	0.010%
8	3.404	118	122	130	rVB	9750	14175	0.91%	0.058%
9	3.652	159	164	167	rBV3	1859	3230	0.21%	0.013%
10	3.681	167	169	175	rVB3	4933	6526	0.42%	0.027%
11	3.863	195	200	202	rBV2	1926	2430	0.16%	0.010%
12	4.228	258	262	266	rBV	3484	4682	0.30%	0.019%
13	5.110	408	412	417	rBB2	1515	2086	0.13%	0.009%
14	6.175	590	593	599	rBB	2635	3694	0.24%	0.015%
15	6.657	668	675	680	rBV4	6704	12668	0.82%	0.052%
16	6.828	696	704	714	rVB	467756	745979	48.10%	3.064%
17	6.992	722	732	741	rBV	363200	549349	35.42%	2.256%
18	7.063	741	744	750	rVB3	4292	6642	0.43%	0.027%
19	7.140	750	757	759	rBV3	5707	9309	0.60%	0.038%
20	7.187	759	765	772	rVV	507219	776492	50.06%	3.189%
21	7.257	772	777	782	rVB4	2687	4148	0.27%	0.017%
22	7.434	803	807	811	rBB	2667	3709	0.24%	0.015%
23	7.657	837	845	852	rBB	414701	654717	42.21%	2.689%
24	8.363	958	965	973	rBV	616348	965031	62.22%	3.964%
25	8.816	1035	1042	1050	rBV	431476	694938	44.80%	2.854%
26	8.928	1057	1061	1065	rBV	2198	3851	0.25%	0.016%
27	8.975	1065	1069	1073	rVB2	1797	2235	0.14%	0.009%
28	9.534	1157	1164	1173	rVB	356200	568862	36.68%	2.337%
29	9.763	1198	1203	1206	rBB3	2360	3597	0.23%	0.015%
30	10.069	1248	1255	1264	rBV	598622	993955	64.08%	4.083%
31	10.222	1277	1281	1286	rBB	3234	3820	0.25%	0.016%
32	10.445	1308	1319	1326	rBV	561810	948572	61.16%	3.896%
33	10.492	1326	1327	1332	rVB	2638	2438	0.16%	0.010%
34	10.586	1336	1343	1353	rBV	427577	716492	46.19%	2.943%

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35	11.233	1450	1453	1456	rVB2	2307	2916	0.19%	0.012%
36	11.457	1488	1491	1495	rBV2	4006	6211	0.40%	0.026%
37	11.863	1555	1560	1565	rBV2	2309	3095	0.20%	0.013%
38	12.116	1593	1603	1609	rVB4	2982	8084	0.52%	0.033%
39	12.245	1619	1625	1632	rBV	5762	13065	0.84%	0.054%
40	12.339	1637	1641	1645	rVB	1803	2623	0.17%	0.011%
41	12.504	1665	1669	1674	rVB3	1786	2410	0.16%	0.010%
42	12.569	1674	1680	1685	rBV3	2832	5386	0.35%	0.022%
43	12.651	1690	1694	1700	rBV3	5693	8783	0.57%	0.036%
44	12.833	1721	1725	1730	rVB	6728	9416	0.61%	0.039%
45	12.904	1733	1737	1744	rVB	9415	13108	0.85%	0.054%
46	13.198	1784	1787	1788	rBV2	2001	2346	0.15%	0.010%
47	13.227	1788	1792	1797	rVV	6035	9977	0.64%	0.041%
48	13.274	1797	1800	1807	rVB4	2711	4559	0.29%	0.019%
49	13.463	1827	1832	1834	rBV3	2798	3548	0.23%	0.015%
50	13.480	1834	1835	1839	rVB3	2507	2207	0.14%	0.009%
51	13.633	1855	1861	1866	rBV5	17129	25630	1.65%	0.105%
52	13.674	1866	1868	1870	rBV2	1809	1951	0.13%	0.008%
53	13.721	1870	1876	1881	rVV	900179	1318498	85.01%	5.416%
54	13.769	1881	1884	1891	rVB	491365	697749	44.99%	2.866%
55	13.845	1891	1897	1899	rBV4	3485	7186	0.46%	0.030%
56	13.916	1905	1909	1912	rBV4	1689	2328	0.15%	0.010%
57	13.963	1912	1917	1918	rBV3	4146	4982	0.32%	0.020%
58	14.004	1918	1924	1937	rVB	873127	1310539	84.49%	5.383%
59	14.133	1942	1946	1951	rVV6	7615	15111	0.97%	0.062%
60	14.210	1954	1959	1963	rVV4	11838	17570	1.13%	0.072%
61	14.316	1964	1977	1984	rVV2	804708	1282107	82.66%	5.266%
62	14.374	1984	1987	1995	rVV5	6540	14078	0.91%	0.058%
63	14.427	1995	1996	1999	rVB2	2578	2215	0.14%	0.009%
64	14.521	2006	2012	2021	rBV	398227	568026	36.62%	2.333%
65	14.627	2028	2030	2033	rBV2	5208	5626	0.36%	0.023%
66	14.674	2035	2038	2041	rVB2	6359	7359	0.47%	0.030%
67	14.710	2041	2044	2046	rBV	6737	8143	0.52%	0.033%
68	14.827	2061	2064	2068	rBV3	8290	14440	0.93%	0.059%
69	14.874	2068	2072	2079	rVB3	9296	19605	1.26%	0.081%
70	14.939	2079	2083	2085	rBV3	3849	5883	0.38%	0.024%
71	14.980	2085	2090	2094	rVB3	6664	11414	0.74%	0.047%

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72	15.021	2094	2097	2101	rBV4	4048	6704	0.43%	0.028%
73	15.098	2105	2110	2113	rBV5	13236	24809	1.60%	0.102%
74	15.139	2114	2117	2118	rVV	10680	12536	0.81%	0.051%
75	15.163	2118	2121	2125	rVB	24364	29266	1.89%	0.120%
76	15.198	2125	2127	2130	rBV4	4288	5616	0.36%	0.023%
77	15.251	2135	2136	2139	rBV3	4161	4451	0.29%	0.018%
78	15.310	2139	2146	2152	rBV	978863	1422755	91.73%	5.844%
79	15.433	2162	2167	2172	rBV	80636	110840	7.15%	0.455%
80	15.568	2179	2190	2194	rBV3	27376	61671	3.98%	0.253%
81	15.715	2213	2215	2221	rBV7	4597	5778	0.37%	0.024%
82	16.045	2263	2271	2276	rBV4	57480	144588	9.32%	0.594%
83	16.139	2285	2287	2288	rBV2	7093	5462	0.35%	0.022%
84	16.257	2304	2307	2312	rBV7	9291	19777	1.28%	0.081%
85	16.815	2399	2402	2405	rBV2	30714	37938	2.45%	0.156%
86	17.062	2438	2444	2449	rBV	1013379	1464707	94.43%	6.016%
87	17.157	2455	2460	2469	rBV	977988	1422845	91.73%	5.844%
88	17.956	2592	2596	2600	rBV2	350791	452659	29.18%	1.859%
89	18.027	2605	2608	2613	rVB	194667	227748	14.68%	0.935%
90	19.180	2801	2804	2809	rVB	185297	221915	14.31%	0.911%
91	19.462	2848	2852	2859	rBV	892498	1242753	80.12%	5.104%
92	20.968	3106	3108	3116	rVB3	295168	477075	30.76%	1.960%
93	21.256	3153	3157	3162	rBV	973876	1322018	85.23%	5.430%
94	23.344	3508	3512	3517	rBV2	495007	860105	55.45%	3.533%
95	23.491	3532	3537	3551	rVB2	708847	1551051	100.00%	6.371%

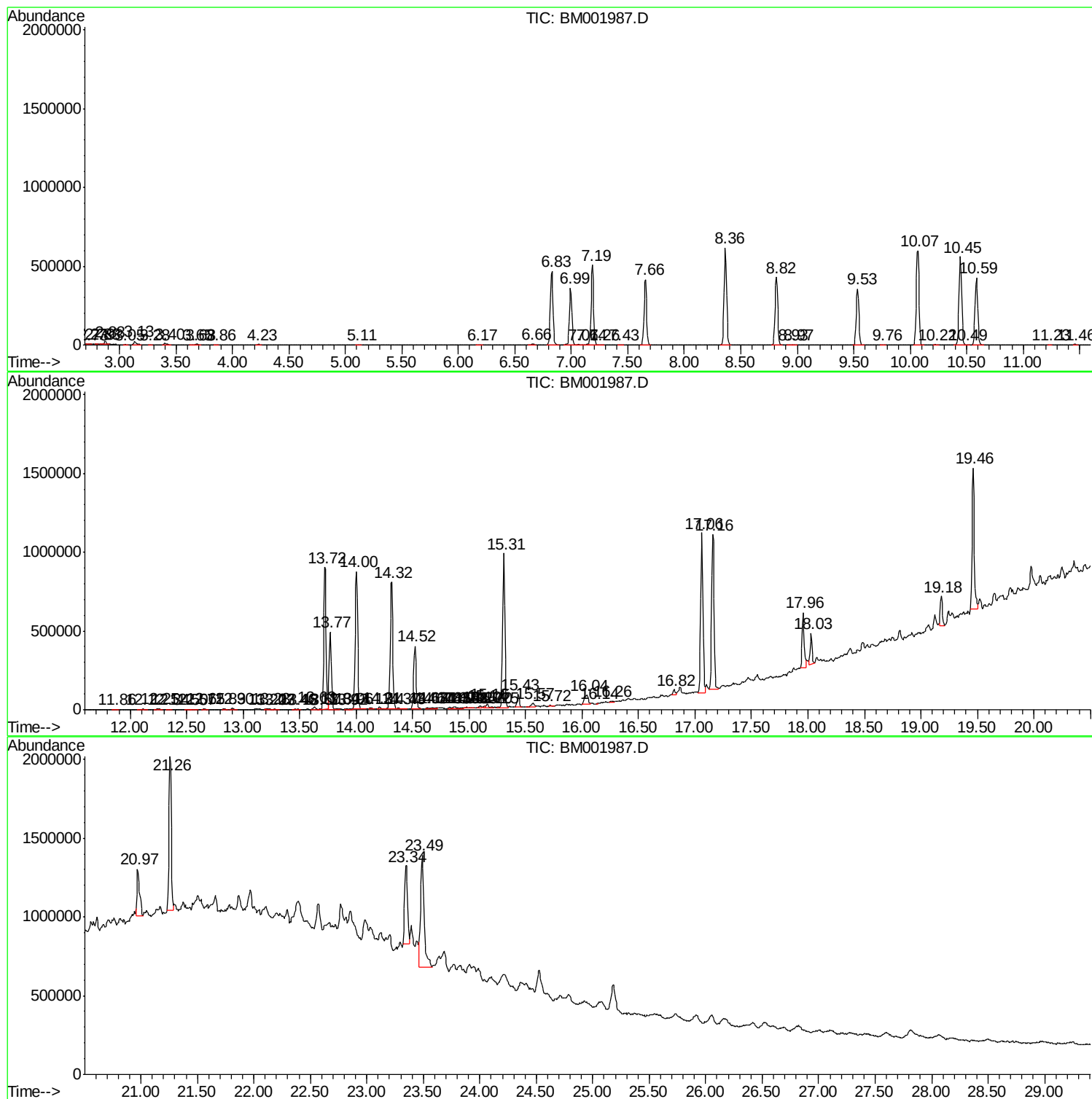
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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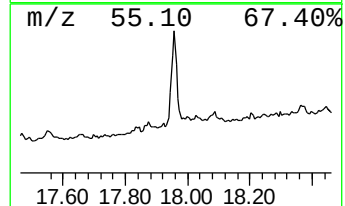
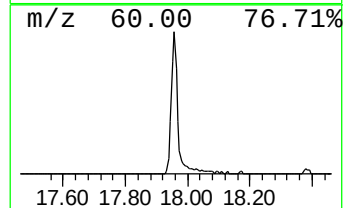
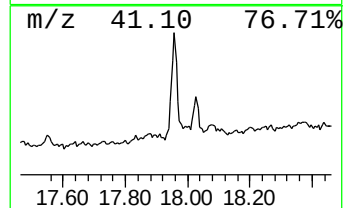
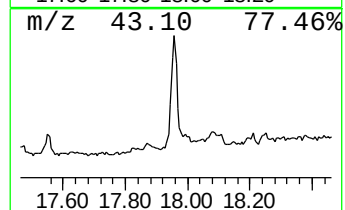
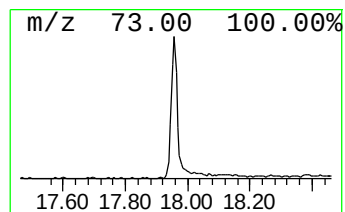
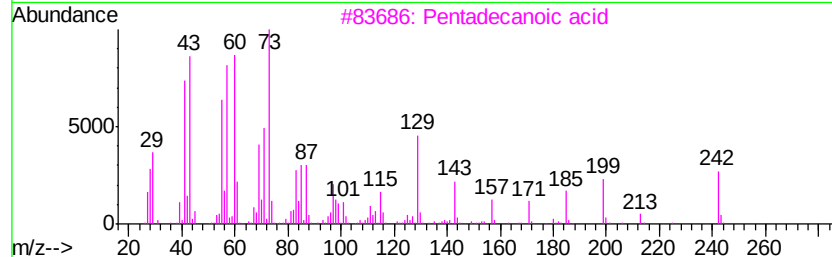
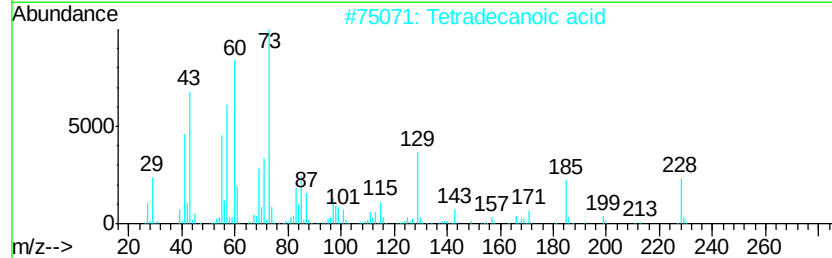
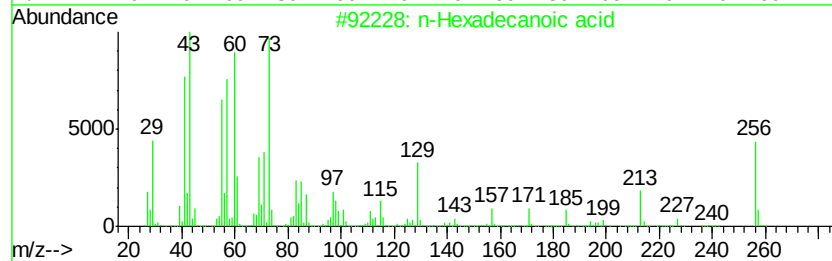
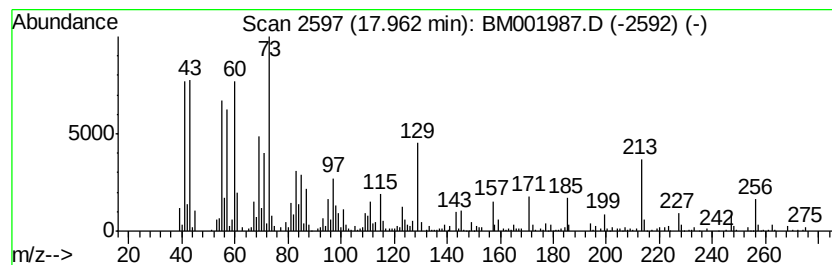
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.96	6.18 ng/ul	452659	Phenanthrene-d10		17.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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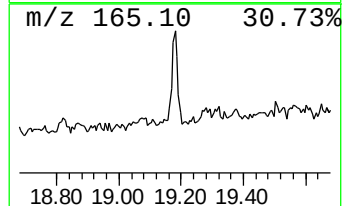
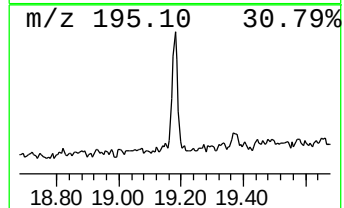
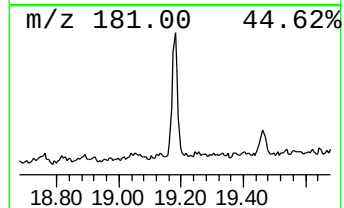
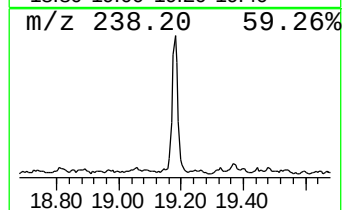
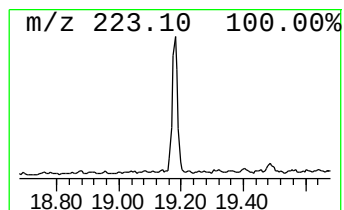
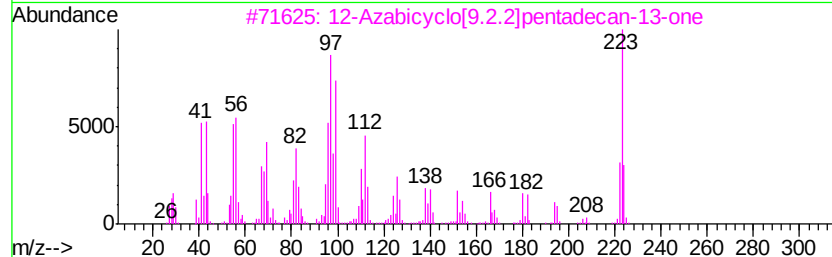
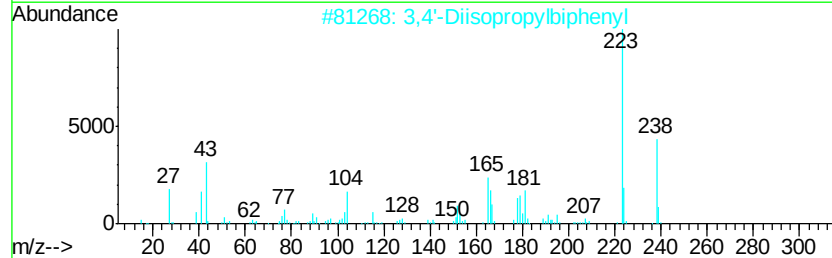
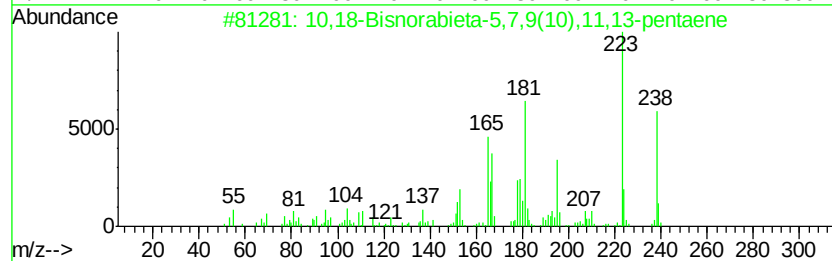
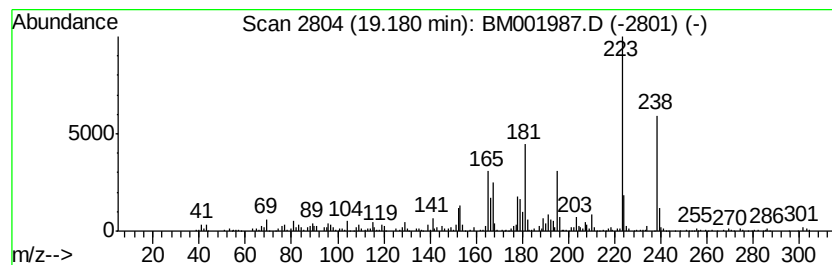
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.36 ng/ul	221915	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53



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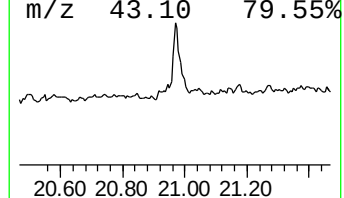
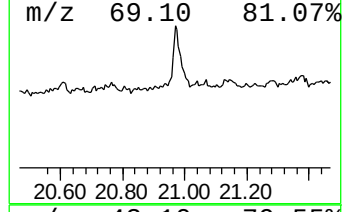
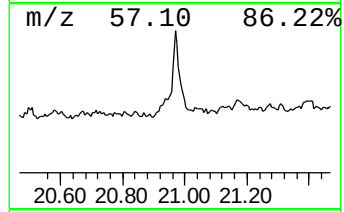
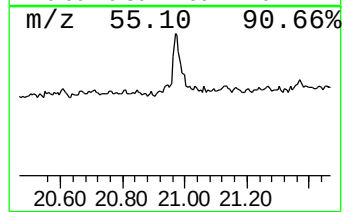
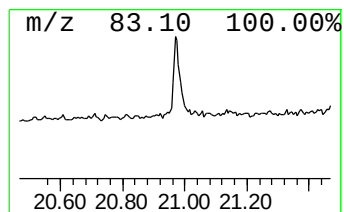
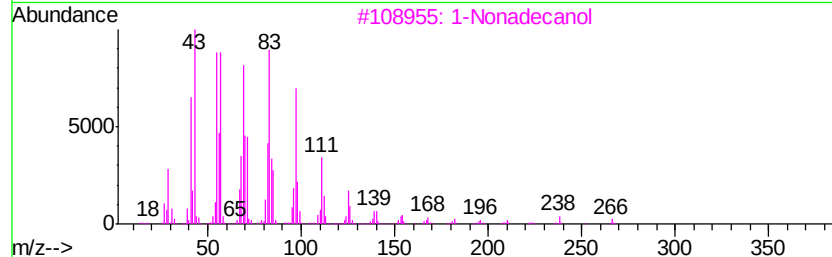
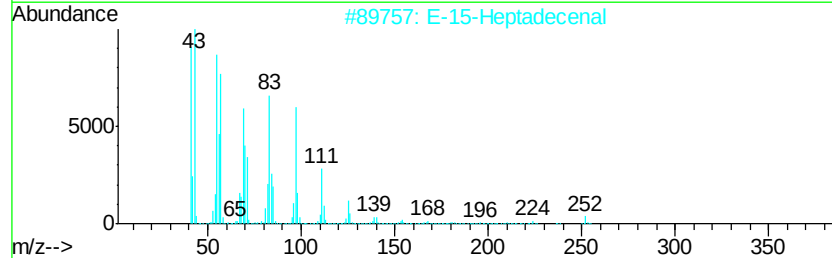
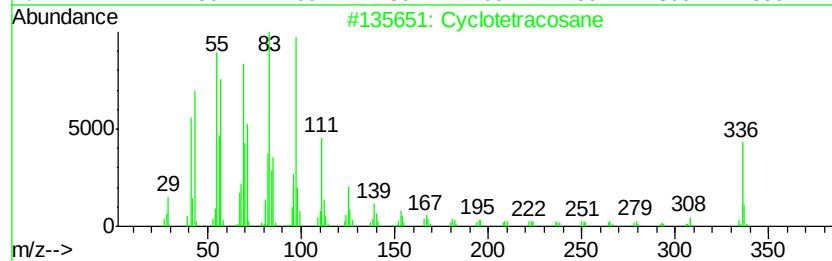
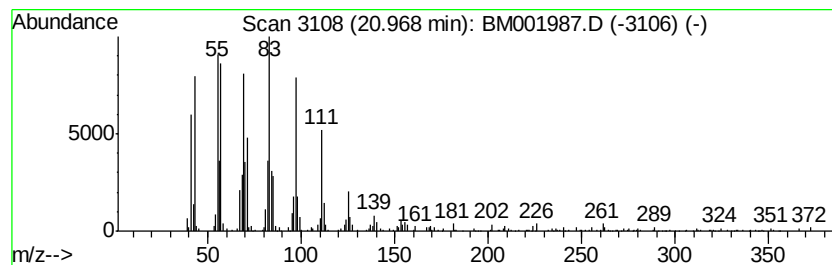
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.97	7.22 ng/ul	477075	Chrysene-d12		21.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	1-Nonadecanol	284	C19H40O	001454-84-8	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	6.2	ng/ul	452659	4	17.06	1464710	20.0
10,18-Bisnorabiet...	19.18	3.4	ng/ul	221915	5	21.26	1322020	20.0
(DEL) Alkane: Cyc...	20.97	7.2	ng/ul	477075	5	21.26	1322020	20.0