

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002020.D
 Acq On : 23 Jul 2015 17:22
 Operator : TP/UM
 Sample : G3000-15RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C2RE

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-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	2.746	5	10	12	rBV5	3931	5828	0.53%	0.034%
2	2.781	14	16	20	rVB2	2982	3663	0.33%	0.021%
3	2.822	20	23	27	rBV	17073	20470	1.85%	0.119%
4	3.087	63	68	72	rBV2	19445	22852	2.07%	0.133%
5	3.357	109	114	121	rVB	8901	12400	1.12%	0.072%
6	3.610	150	157	158	rBV2	2185	2761	0.25%	0.016%
7	3.634	158	161	164	rVB	5223	5837	0.53%	0.034%
8	3.822	188	193	198	rVB4	1823	2746	0.25%	0.016%
9	4.187	252	255	258	rVB2	2507	2815	0.25%	0.016%
10	5.087	405	408	411	rBB	1376	1751	0.16%	0.010%
11	6.139	584	587	590	rBB	1900	1812	0.16%	0.011%
12	6.628	665	670	677	rVB3	5201	9930	0.90%	0.058%
13	6.792	689	698	707	rBV	356745	557578	50.47%	3.239%
14	6.916	715	719	720	rBV	3029	3408	0.31%	0.020%
15	6.957	720	726	733	rVV	269259	409298	37.05%	2.377%
16	7.028	733	738	744	rVB2	3275	5985	0.54%	0.035%
17	7.104	744	751	753	rBV2	4870	9016	0.82%	0.052%
18	7.145	753	758	765	rVV	393280	597329	54.07%	3.470%
19	7.228	767	772	775	rVB4	2148	3492	0.32%	0.020%
20	7.392	797	800	804	rBB	2086	2576	0.23%	0.015%
21	7.616	829	838	845	rVB	281872	433067	39.20%	2.516%
22	8.328	952	959	968	rBV	448270	700059	63.37%	4.066%
23	8.775	1028	1035	1042	rBV	318604	511948	46.34%	2.974%
24	8.892	1051	1055	1058	rBB2	2604	3308	0.30%	0.019%
25	8.939	1058	1063	1068	rBB2	1583	2683	0.24%	0.016%
26	9.492	1151	1157	1165	rBV	266580	443110	40.11%	2.574%
27	9.657	1180	1185	1188	rBB2	1509	1859	0.17%	0.011%
28	10.027	1242	1248	1257	rBV	433670	707555	64.04%	4.110%
29	10.180	1271	1274	1280	rVB	1785	2077	0.19%	0.012%
30	10.404	1305	1312	1319	rBV	355255	579793	52.48%	3.368%
31	10.551	1330	1337	1349	rBV	287995	491243	44.46%	2.853%
32	11.192	1443	1446	1451	rVB3	1605	2005	0.18%	0.012%
33	11.416	1482	1484	1488	rBV	2508	3052	0.28%	0.018%
34	11.827	1550	1554	1556	rBV2	2113	2057	0.19%	0.012%

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35	12.057	1588	1593	1594	rBV2	1410	2210	0.20%	0.013%
36	12.074	1594	1596	1600	rVB2	3009	3123	0.28%	0.018%
37	12.210	1614	1619	1627	rBV	7246	14307	1.29%	0.083%
38	12.616	1683	1688	1693	rBV3	3234	5555	0.50%	0.032%
39	12.798	1715	1719	1725	rVB3	4494	6938	0.63%	0.040%
40	12.868	1727	1731	1738	rVB3	5662	8517	0.77%	0.049%
41	13.198	1782	1787	1790	rVB2	3862	5900	0.53%	0.034%
42	13.515	1839	1841	1843	rBV2	1722	1871	0.17%	0.011%
43	13.598	1850	1855	1858	rBV3	11358	15065	1.36%	0.088%
44	13.692	1864	1871	1875	rBV	630064	879358	79.59%	5.108%
45	13.739	1875	1879	1885	rVB	346718	475168	43.01%	2.760%
46	13.798	1885	1889	1891	rBV4	2502	2944	0.27%	0.017%
47	13.968	1912	1918	1931	rVB	628691	897266	81.22%	5.212%
48	14.068	1931	1935	1936	rBV3	1463	2155	0.20%	0.013%
49	14.098	1936	1940	1946	rVB5	4229	7765	0.70%	0.045%
50	14.174	1949	1953	1958	rVB3	8005	11093	1.00%	0.064%
51	14.233	1960	1963	1965	rBV3	3809	4859	0.44%	0.028%
52	14.280	1965	1971	1978	rVB2	465011	725906	65.70%	4.217%
53	14.333	1978	1980	1981	rBV2	3711	2924	0.26%	0.017%
54	14.433	1994	1997	1999	rBV3	1339	1819	0.16%	0.011%
55	14.492	2002	2007	2019	rVB	268180	398978	36.11%	2.318%
56	14.592	2019	2024	2025	rBV3	2800	3638	0.33%	0.021%
57	14.645	2031	2033	2036	rBV3	3321	2643	0.24%	0.015%
58	14.680	2036	2039	2040	rVV2	3825	3592	0.33%	0.021%
59	14.698	2040	2042	2051	rVB7	5441	8293	0.75%	0.048%
60	14.798	2054	2059	2062	rBV4	5269	9012	0.82%	0.052%
61	14.833	2062	2065	2069	rVV	8177	12255	1.11%	0.071%
62	14.862	2069	2070	2073	rVB3	1851	1789	0.16%	0.010%
63	14.992	2087	2092	2095	rBV5	3389	4969	0.45%	0.029%
64	15.068	2100	2105	2109	rVV4	6685	12977	1.17%	0.075%
65	15.109	2109	2112	2113	rVV2	7569	9936	0.90%	0.058%
66	15.127	2113	2115	2119	rVB2	15445	18453	1.67%	0.107%
67	15.221	2129	2131	2134	rBV4	1458	1751	0.16%	0.010%
68	15.274	2134	2140	2146	rBV	696369	954962	86.44%	5.547%
69	15.315	2146	2147	2150	rBV3	2251	2538	0.23%	0.015%
70	15.404	2156	2162	2168	rBV	90901	132687	12.01%	0.771%
71	15.539	2177	2185	2188	rBV5	13960	28064	2.54%	0.163%

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72	15.627	2196	2200	2202	rBV4	4999	6094	0.55%	0.035%
73	15.692	2207	2211	2216	rBV7	4396	5782	0.52%	0.034%
74	15.745	2216	2220	2223	rBV5	7111	10062	0.91%	0.058%
75	15.915	2246	2249	2250	rBV3	5274	5710	0.52%	0.033%
76	16.009	2257	2265	2270	rBV4	39014	103339	9.35%	0.600%
77	16.368	2323	2326	2331	rBV7	11431	18726	1.69%	0.109%
78	16.421	2333	2335	2343	rVB8	13085	25284	2.29%	0.147%
79	16.780	2394	2396	2399	rBV2	16706	18363	1.66%	0.107%
80	16.833	2403	2405	2410	rVB4	26186	35588	3.22%	0.207%
81	17.027	2433	2438	2443	rBV2	585122	851706	77.09%	4.947%
82	17.068	2443	2445	2449	rVV	28980	34438	3.12%	0.200%
83	17.127	2449	2455	2465	rVV	698969	1015866	91.95%	5.901%
84	17.921	2587	2590	2596	rBV2	171977	236800	21.43%	1.376%
85	17.998	2599	2603	2607	rVB	117624	155686	14.09%	0.904%
86	19.150	2796	2799	2806	rVB	124068	144102	13.04%	0.837%
87	19.433	2842	2847	2853	rBV	753770	1086860	98.38%	6.313%
88	20.939	3101	3103	3110	rVB4	246792	384214	34.78%	2.232%
89	21.227	3149	3152	3157	rVB	800621	922513	83.50%	5.359%
90	23.303	3501	3505	3510	rBV2	513392	802918	72.68%	4.664%
91	23.444	3525	3529	3538	rVB	613907	1104796	100.00%	6.417%

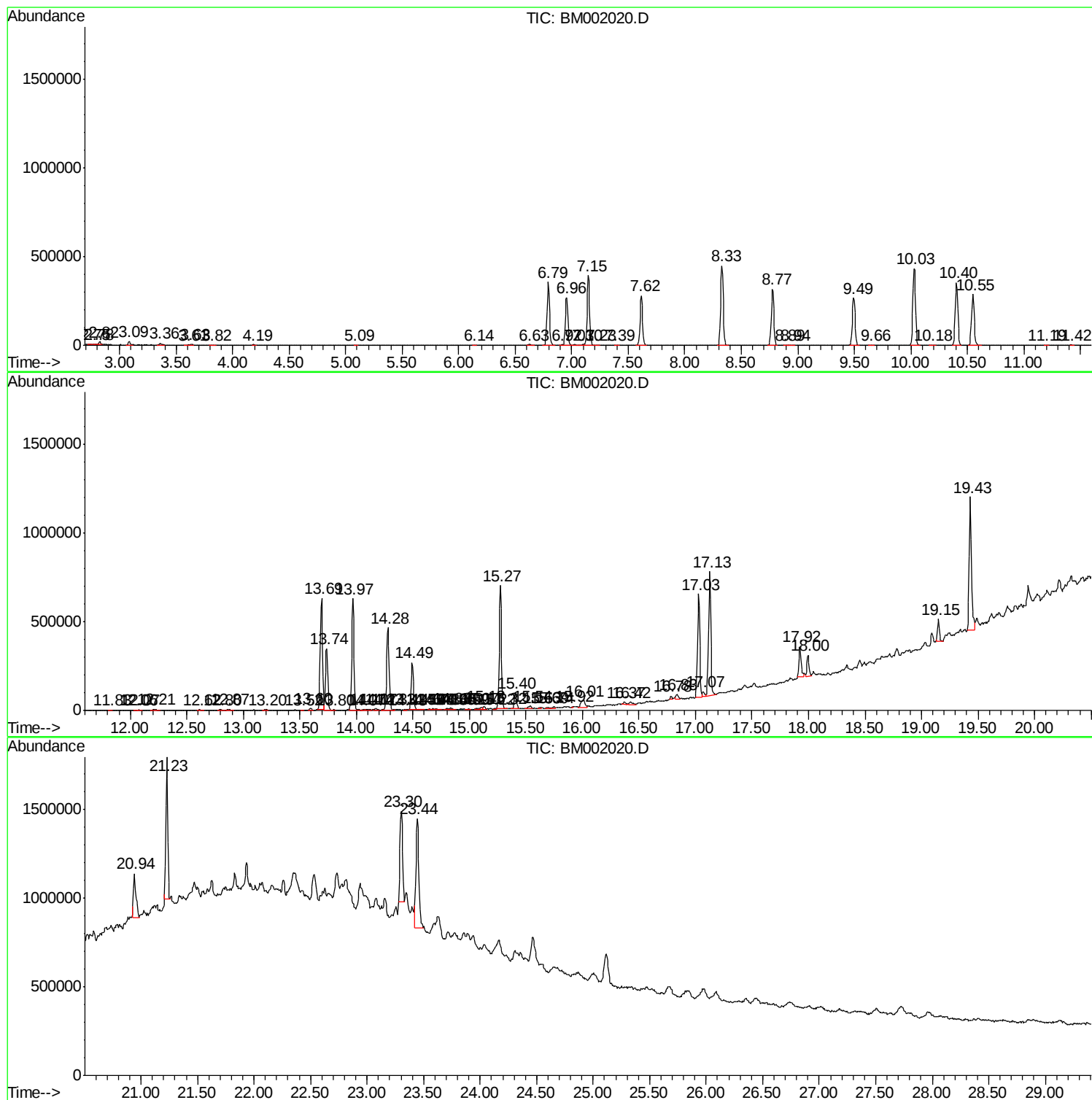
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



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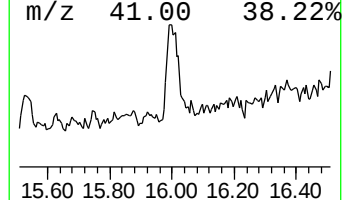
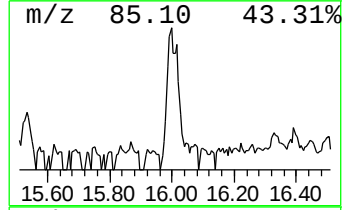
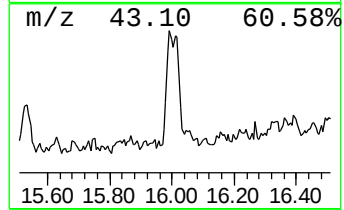
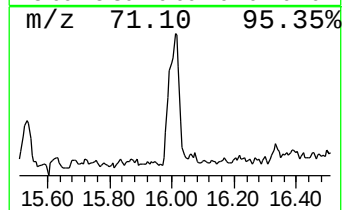
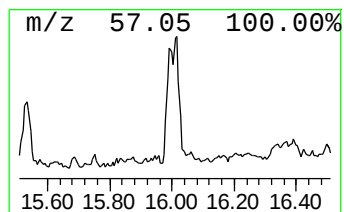
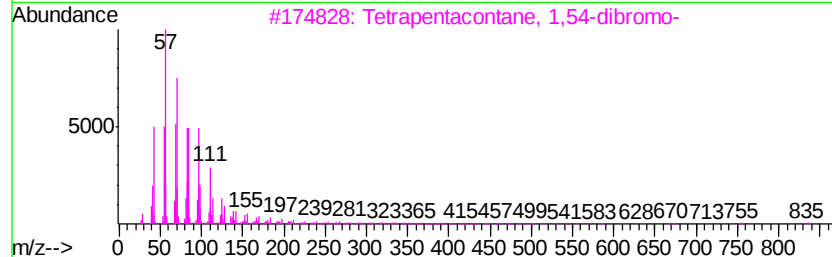
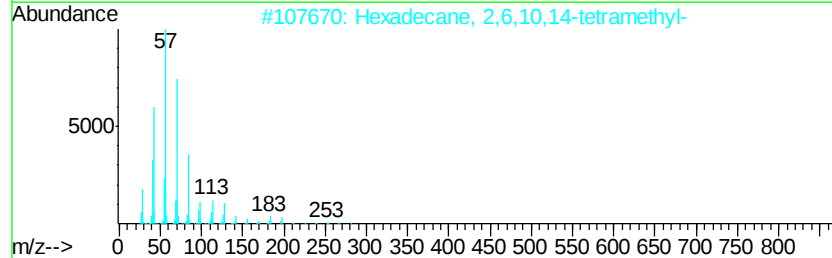
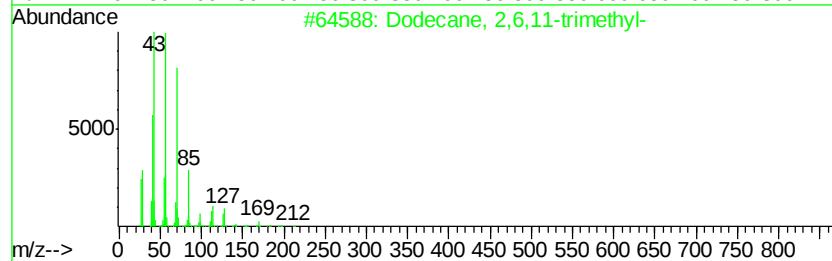
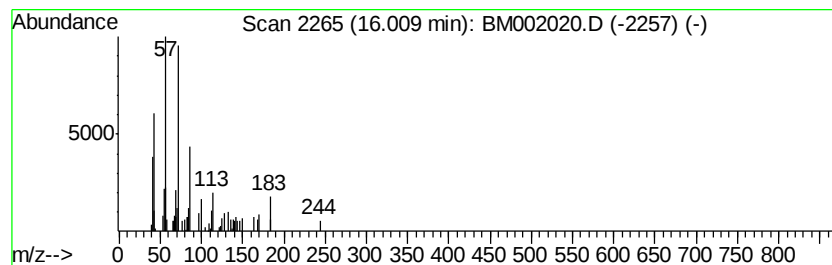
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.43 ng/ul	103339	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	53
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47



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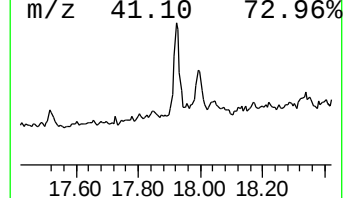
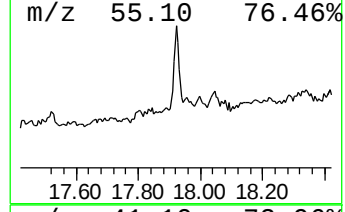
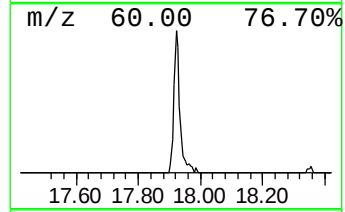
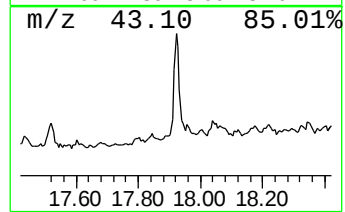
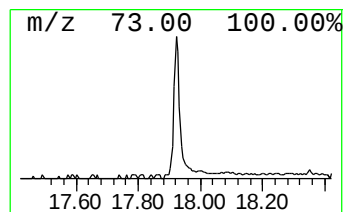
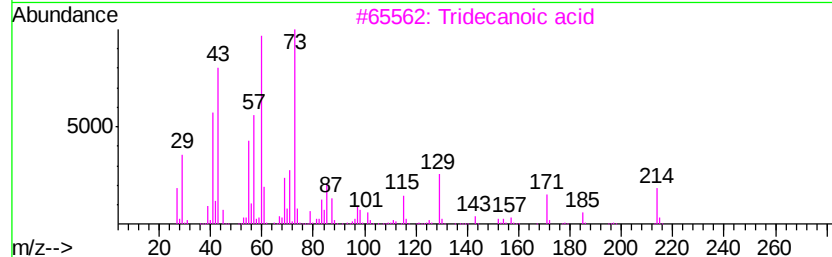
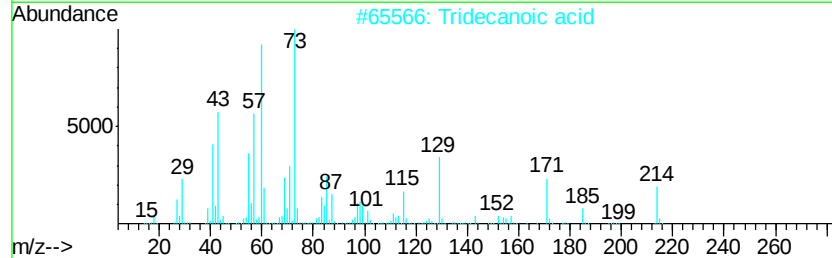
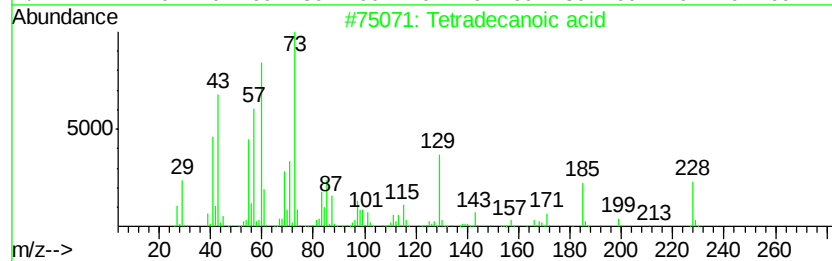
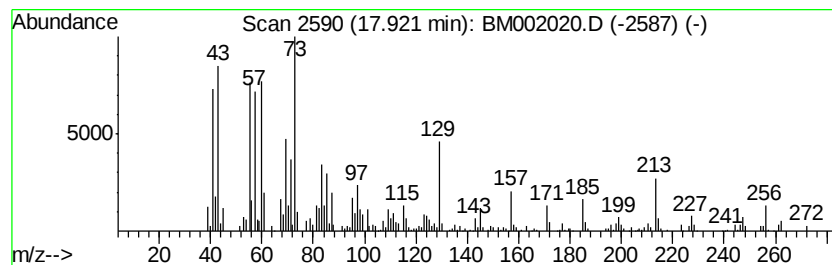
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.92	5.56 ng/ul	236800	Phenanthrene-d10		17.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



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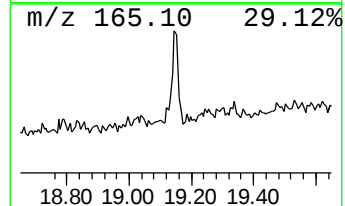
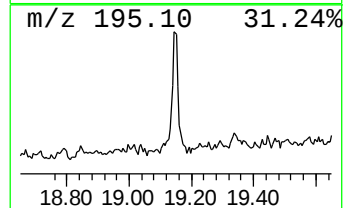
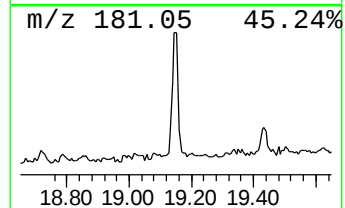
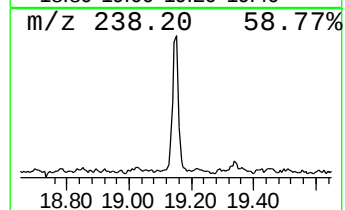
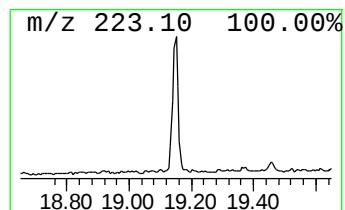
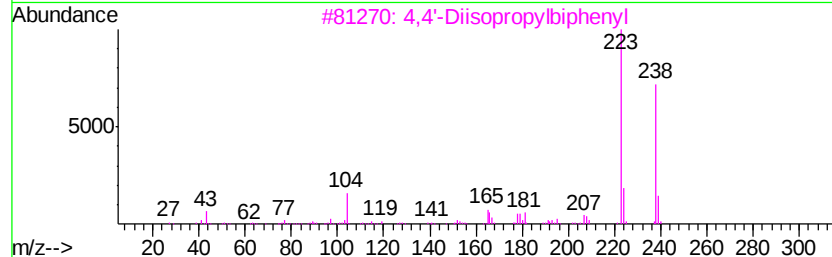
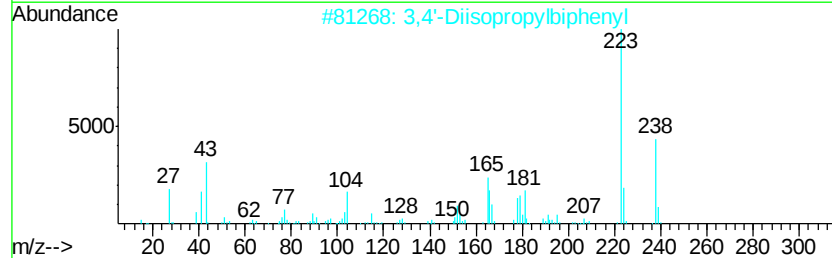
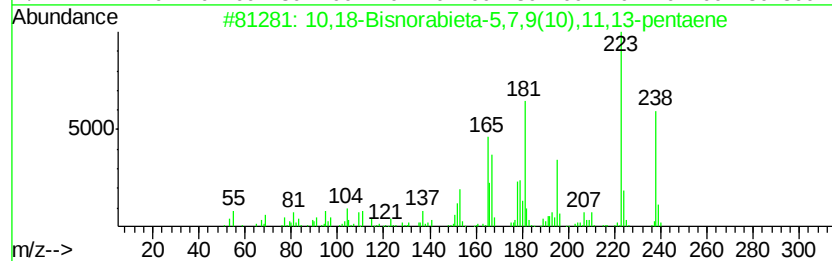
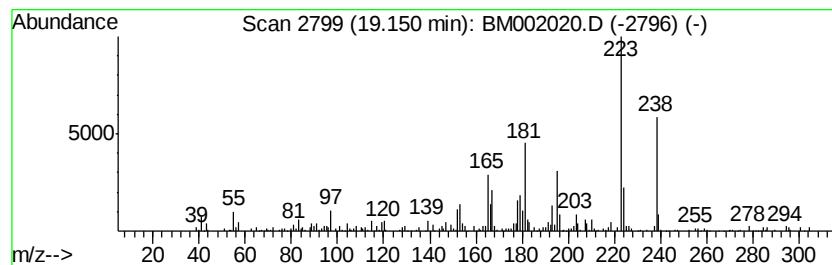
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.12 ng/ul	144102	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52
5		2-Morpholin-4-yl-5,6-dihydro-4H-...	238	C11H14N2O2S	313251-21-7	51



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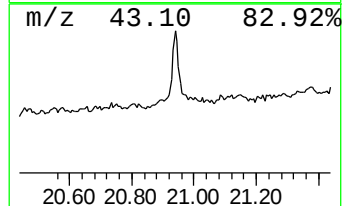
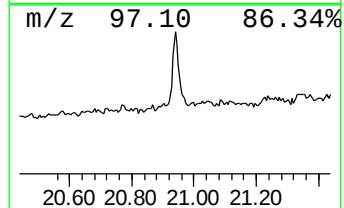
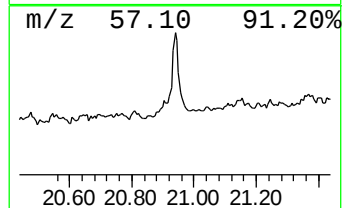
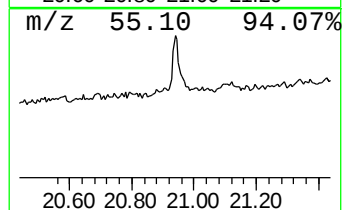
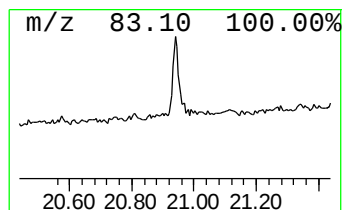
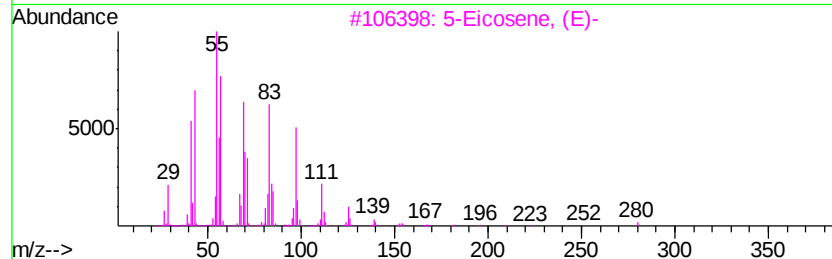
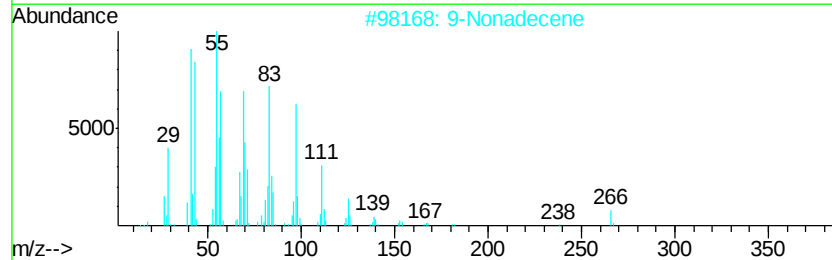
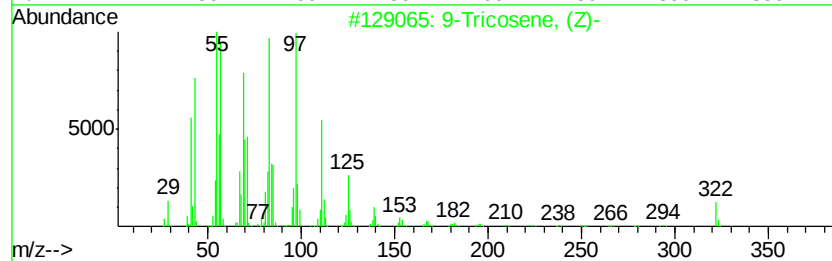
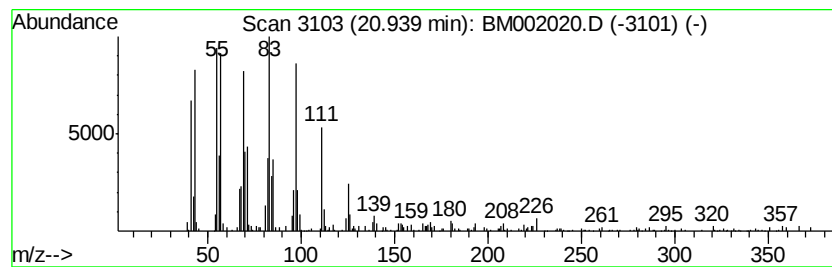
Instrument :
BNA_M
ClientSampleId :
C02C2RE

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: Cyclic20.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.94	8.33 ng/ul	384214	Chrysene-d12	21.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	9-Nonadecene	266	C19H38	031035-07-1	92
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002020.D
Acq On : 23 Jul 2015 17:22
Operator : TP/UM
Sample : G3000-15RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02C2RE

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: Str...	16.01	2.4	ng/ul	103339	4	17.03	851706	20.0
Tetradecanoic acid	17.92	5.6	ng/ul	236800	4	17.03	851706	20.0
10,18-Bisnorabiet...	19.15	3.1	ng/ul	144102	5	21.23	922513	20.0
(DEL) Alkane: Cyc...	20.94	8.3	ng/ul	384214	5	21.23	922513	20.0