

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019407.D
 Acq On : 29 Oct 2015 7:54
 Operator : UM/NP
 Sample : G4075-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9K7

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_G\METHODS\SOM02.2-EPA-BG102815.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	3.161	50	55	63	rVB2	27069	52803	5.54%	0.525%
2	3.237	63	68	77	rBV	64836	94180	9.88%	0.937%
3	3.355	86	88	90	rVB2	2181	2011	0.21%	0.020%
4	3.384	90	93	94	rBV2	1617	1683	0.18%	0.017%
5	3.513	112	115	118	rVB4	4213	4812	0.50%	0.048%
6	3.936	185	187	189	rBV	1729	2103	0.22%	0.021%
7	4.618	300	303	306	rVB2	1744	1565	0.16%	0.016%
8	4.923	354	355	359	rVB3	1432	1583	0.17%	0.016%
9	4.970	359	363	365	rBV2	1387	1791	0.19%	0.018%
10	5.235	406	408	409	rBV	1621	1627	0.17%	0.016%
11	5.252	409	411	414	rVV2	2398	2939	0.31%	0.029%
12	5.299	417	419	422	rBV2	2457	1770	0.19%	0.018%
13	5.335	422	425	428	rVB2	1096	1544	0.16%	0.015%
14	5.828	507	509	513	rVB	1411	1767	0.19%	0.018%
15	5.864	513	515	517	rBV2	1810	1710	0.18%	0.017%
16	6.392	601	605	607	rVB2	2304	2870	0.30%	0.029%
17	6.498	620	623	626	rVV	1358	1980	0.21%	0.020%
18	6.639	645	647	652	rVB	1113	1505	0.16%	0.015%
19	6.768	663	669	670	rBV2	1379	2274	0.24%	0.023%
20	7.356	761	769	779	rBV	140145	241342	25.31%	2.401%
21	7.520	789	797	804	rBV	89505	149791	15.71%	1.490%
22	7.732	827	833	842	rVB2	128429	223547	23.45%	2.224%
23	7.820	844	848	850	rVB	1264	1677	0.18%	0.017%
24	8.208	906	914	920	rBV	167711	281956	29.57%	2.806%
25	8.255	920	922	924	rVB	2009	1774	0.19%	0.018%
26	8.284	924	927	932	rBV	1049	1825	0.19%	0.018%
27	8.913	1027	1034	1042	rVB2	170824	296240	31.07%	2.948%
28	9.089	1061	1064	1065	rBV	1728	1813	0.19%	0.018%
29	9.254	1089	1092	1094	rVB	1551	1659	0.17%	0.017%
30	9.377	1106	1113	1120	rBV	132114	229114	24.03%	2.280%
31	9.477	1127	1130	1133	rVB	3033	3364	0.35%	0.033%
32	9.518	1135	1137	1140	rVB2	1316	1583	0.17%	0.016%
33	9.747	1174	1176	1178	rBV2	1978	1933	0.20%	0.019%
34	9.771	1178	1180	1183	rVV2	3254	3495	0.37%	0.035%

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35	9.818	1187	1188	1192	rVB2	1741	1529	0.16%	0.015%
36	9.994	1216	1218	1223	rVB2	1572	1975	0.21%	0.020%
37	10.106	1229	1237	1244	rBV2	119009	221876	23.27%	2.208%
38	10.652	1323	1330	1338	rVB	181773	325126	34.10%	3.235%
39	11.034	1388	1395	1403	rVB2	217183	396582	41.60%	3.946%
40	11.163	1409	1417	1424	rBV	114624	206154	21.62%	2.051%
41	11.210	1424	1425	1426	rVB	4590	1618	0.17%	0.016%
42	11.475	1467	1470	1474	rVB	1044	1679	0.18%	0.017%
43	11.798	1520	1525	1528	rBV3	2166	2952	0.31%	0.029%
44	11.898	1539	1542	1544	rBV2	1517	2217	0.23%	0.022%
45	12.162	1585	1587	1591	rBV	1604	1567	0.16%	0.016%
46	12.262	1602	1604	1607	rVB	1989	2086	0.22%	0.021%
47	12.426	1630	1632	1637	rVB2	1961	2949	0.31%	0.029%
48	12.468	1637	1639	1642	rBV2	1787	2353	0.25%	0.023%
49	12.526	1646	1649	1652	rVV3	4058	6553	0.69%	0.065%
50	12.597	1656	1661	1666	rBV3	3987	7295	0.77%	0.073%
51	12.673	1669	1674	1676	rBV	1480	2179	0.23%	0.022%
52	12.714	1680	1681	1685	rVB2	1538	1490	0.16%	0.015%
53	12.773	1689	1691	1694	rBV2	1349	1817	0.19%	0.018%
54	12.955	1719	1722	1724	rBV2	1255	1550	0.16%	0.015%
55	13.196	1758	1763	1767	rVB3	4788	9510	1.00%	0.095%
56	13.331	1784	1786	1790	rVB3	1997	1887	0.20%	0.019%
57	13.372	1792	1793	1798	rVV2	1071	1564	0.16%	0.016%
58	13.431	1800	1803	1808	rBV3	6460	8688	0.91%	0.086%
59	13.643	1837	1839	1841	rBV3	1639	1867	0.20%	0.019%
60	13.701	1844	1849	1852	rVV6	2045	3205	0.34%	0.032%
61	14.160	1925	1927	1930	rBV6	1600	2002	0.21%	0.020%
62	14.224	1932	1938	1943	rVV	329403	494773	51.90%	4.923%
63	14.271	1943	1946	1953	rVV	107176	147934	15.52%	1.472%
64	14.330	1955	1956	1961	rVB	2440	3518	0.37%	0.035%
65	14.436	1972	1974	1976	rBV2	2252	1917	0.20%	0.019%
66	14.530	1982	1990	1996	rBV	347738	529934	55.58%	5.273%
67	14.706	2014	2020	2022	rBV3	5813	9233	0.97%	0.092%
68	14.771	2030	2031	2035	rVB3	3765	3052	0.32%	0.030%
69	14.835	2035	2042	2050	rBV3	377085	620022	65.03%	6.169%
70	14.894	2050	2052	2057	rVB2	4664	5834	0.61%	0.058%
71	14.965	2060	2064	2067	rVB2	1824	2464	0.26%	0.025%

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72	15.018	2067	2073	2081	rBV2	166262	278847	29.25%	2.775%
73	15.164	2093	2098	2104	rBV8	9591	16151	1.69%	0.161%
74	15.206	2104	2105	2108	rVB3	2955	2588	0.27%	0.026%
75	15.311	2121	2123	2125	rBV	2315	1939	0.20%	0.019%
76	15.382	2134	2135	2141	rVB3	2376	3063	0.32%	0.030%
77	15.458	2146	2148	2149	rVB2	2843	1755	0.18%	0.017%
78	15.599	2170	2172	2177	rVB6	5102	7245	0.76%	0.072%
79	15.652	2177	2181	2184	rVB2	16951	21614	2.27%	0.215%
80	15.699	2187	2189	2191	rBV3	3449	2358	0.25%	0.023%
81	15.758	2197	2199	2201	rBV3	2984	2869	0.30%	0.029%
82	15.817	2203	2209	2217	rVB	462601	726586	76.21%	7.230%
83	15.922	2222	2227	2235	rBV	178013	255646	26.81%	2.544%
84	16.057	2246	2250	2253	rVB6	9079	14160	1.49%	0.141%
85	16.251	2281	2283	2285	rBV2	2365	2693	0.28%	0.027%
86	16.480	2320	2322	2323	rBV	3096	1999	0.21%	0.020%
87	16.510	2323	2327	2330	rBV	23651	30746	3.22%	0.306%
88	16.592	2339	2341	2344	rVB4	3451	2384	0.25%	0.024%
89	16.857	2384	2386	2387	rBV2	3359	1855	0.19%	0.018%
90	17.303	2457	2462	2466	rBV	26030	36636	3.84%	0.365%
91	17.356	2468	2471	2480	rVB9	13916	24555	2.58%	0.244%
92	17.573	2502	2508	2514	rBV	556769	815818	85.57%	8.118%
93	17.673	2520	2525	2530	rVB	528998	770738	80.84%	7.669%
94	17.920	2565	2567	2573	rBV7	8521	11011	1.15%	0.110%
95	18.214	2615	2617	2620	rBV4	7303	7230	0.76%	0.072%
96	18.384	2642	2646	2651	rBV	81314	116134	12.18%	1.156%
97	18.443	2652	2656	2662	rVB	97697	135891	14.25%	1.352%
98	19.947	2907	2912	2923	rBV	632584	938381	98.42%	9.337%
99	21.469	3168	3171	3176	rVB2	148185	203164	21.31%	2.022%
100	21.862	3233	3238	3244	rVB	570881	953411	100.00%	9.487%

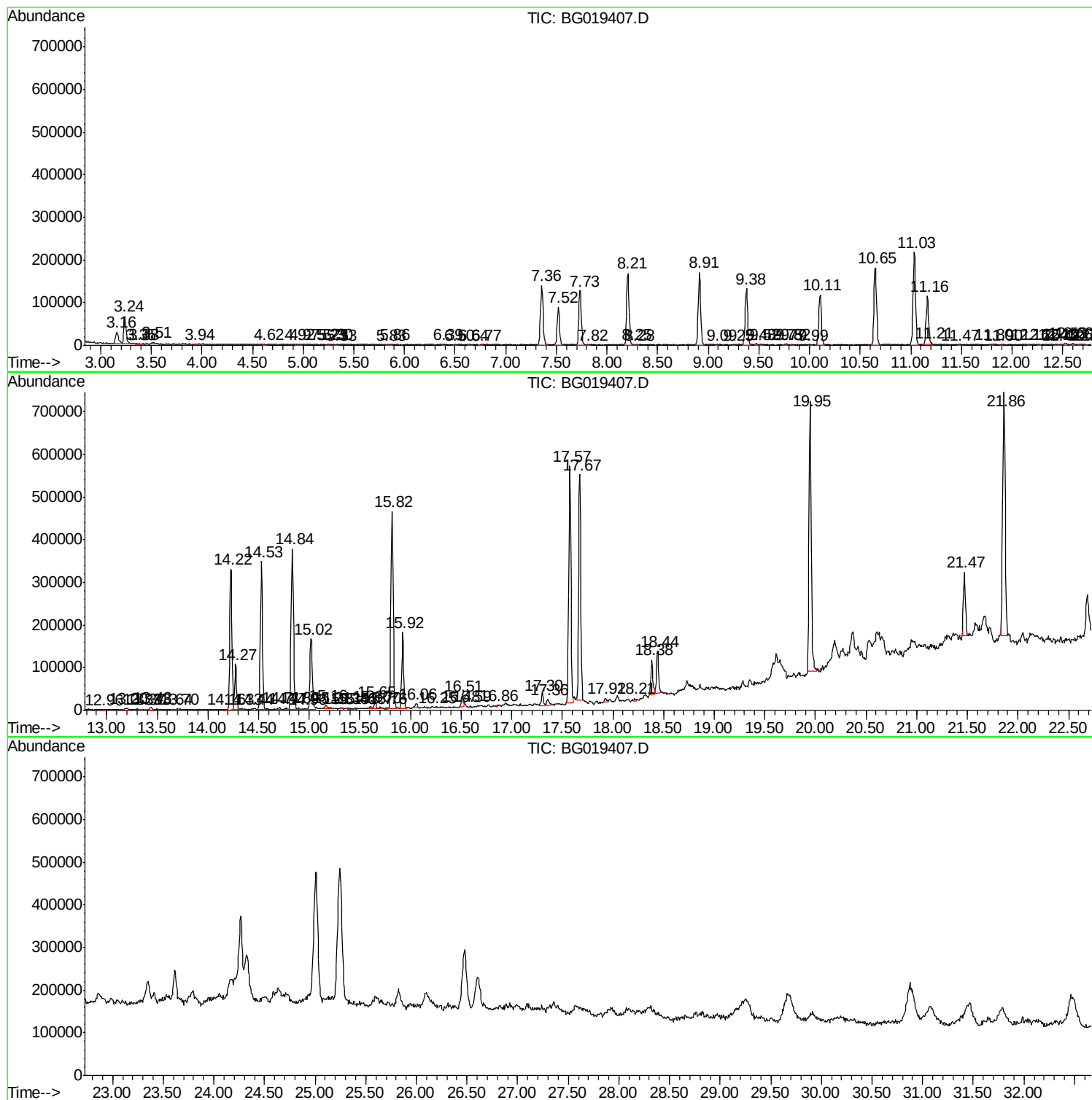
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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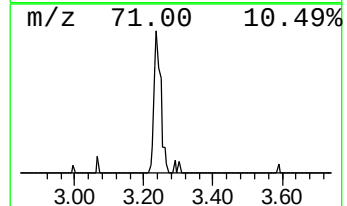
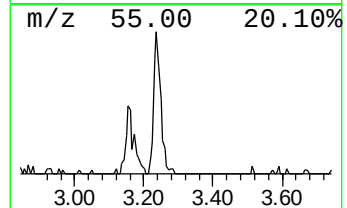
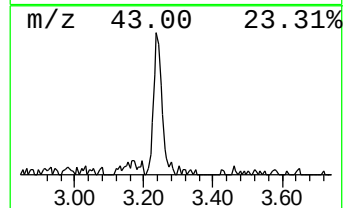
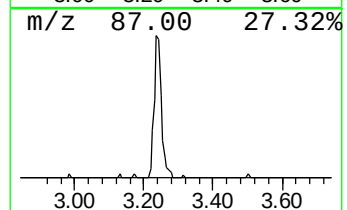
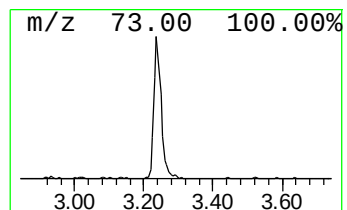
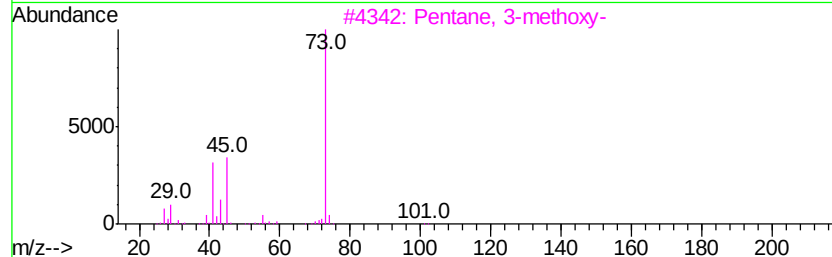
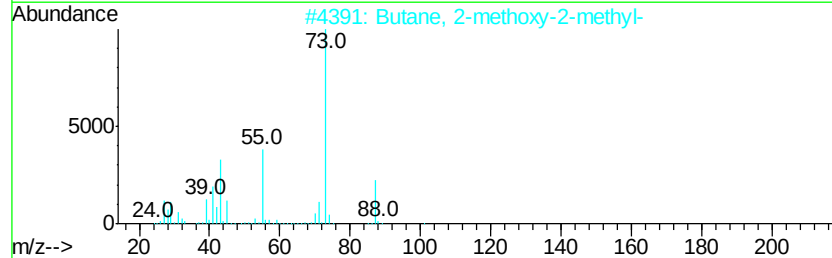
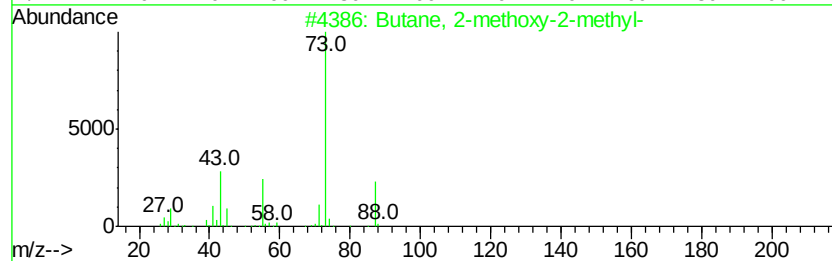
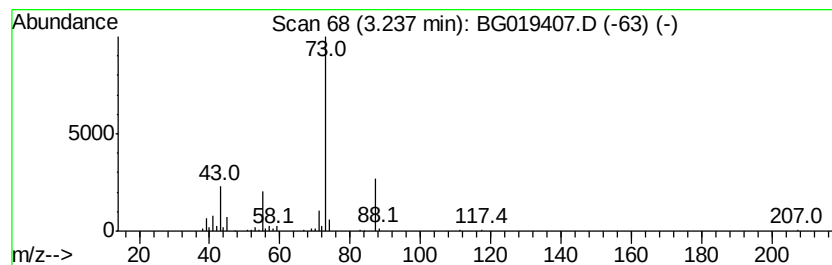
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	6.68 ng/ul	94180	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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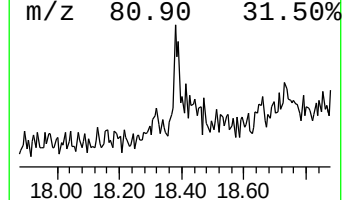
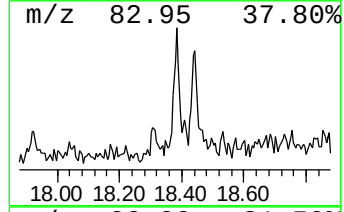
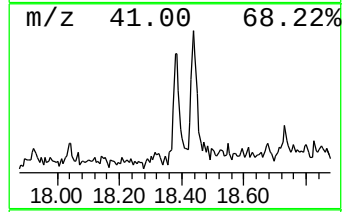
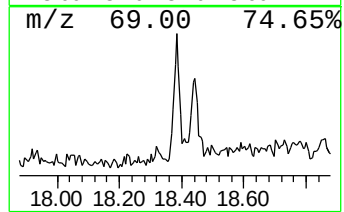
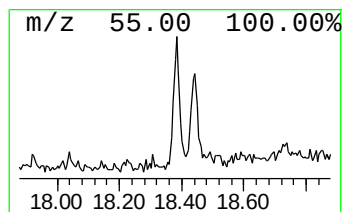
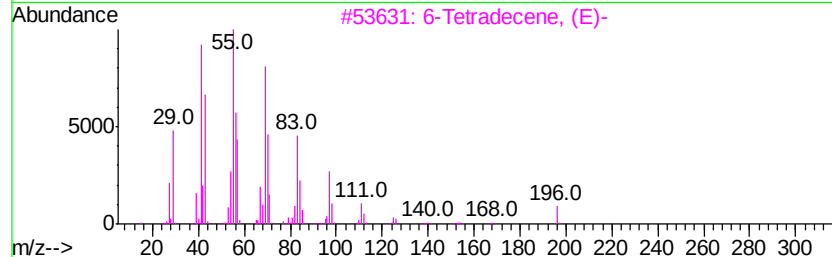
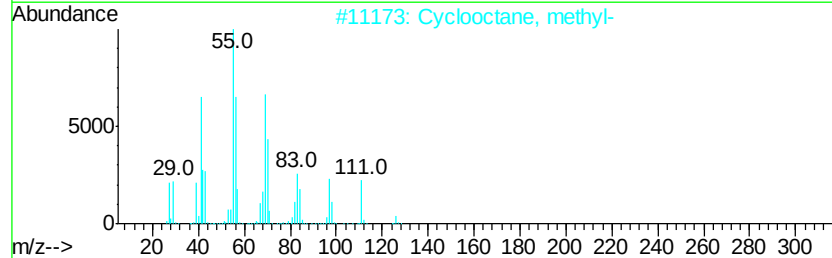
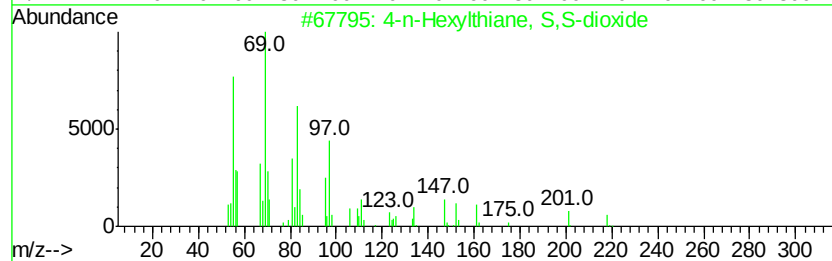
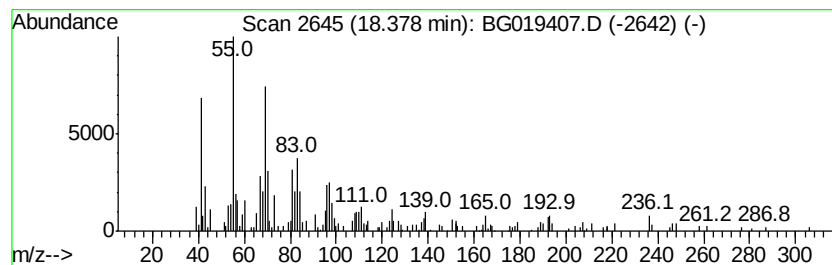
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4-n-Hexylthiane, S,S-dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.38	2.85 ng/ul	116134	Phenanthrene-d10	17.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	81
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	81
3	6-Tetradecene, (E)-	196	C14H28	041446-64-4	80
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	80
5	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	80



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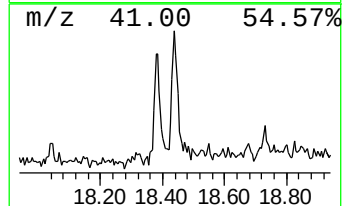
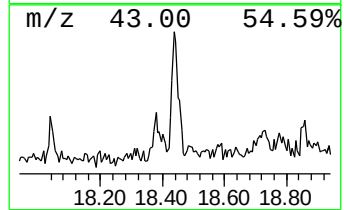
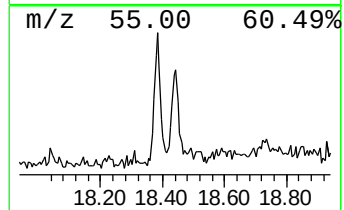
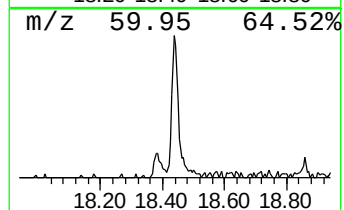
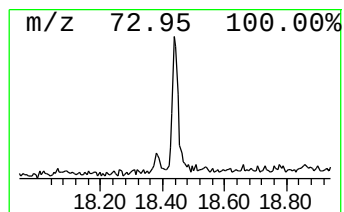
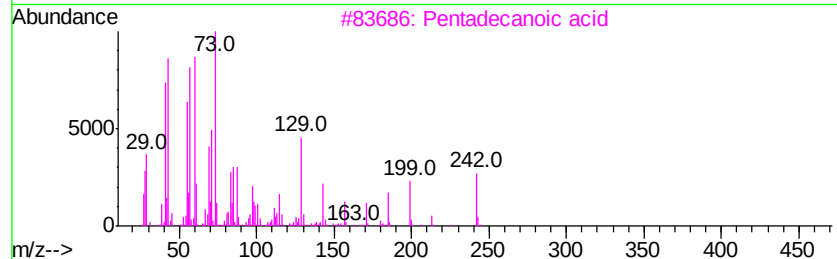
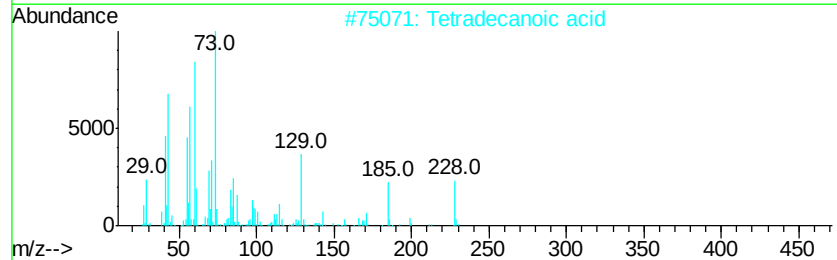
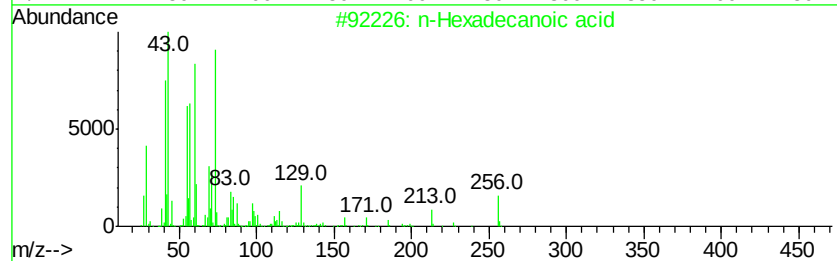
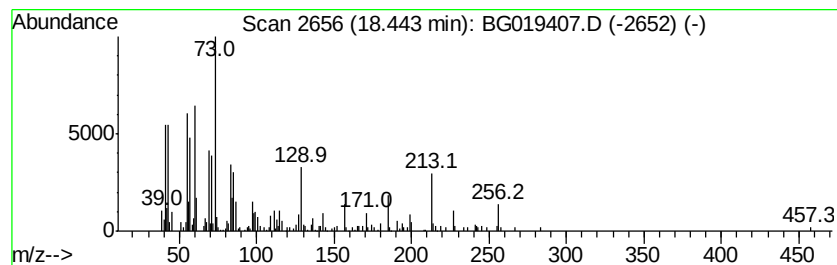
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.33 ng/ul	135891	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	55



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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K7

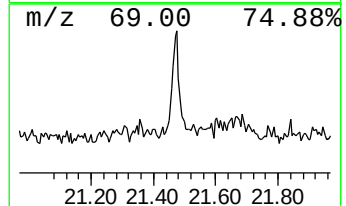
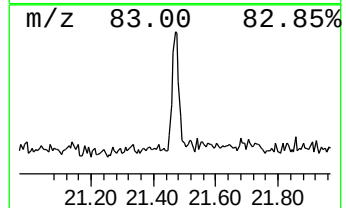
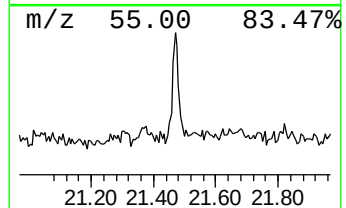
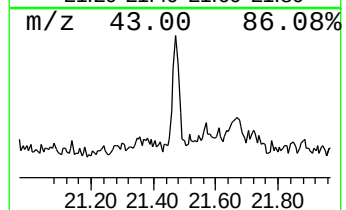
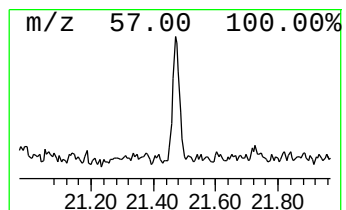
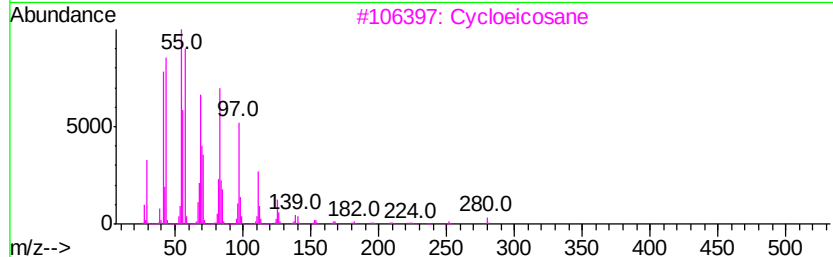
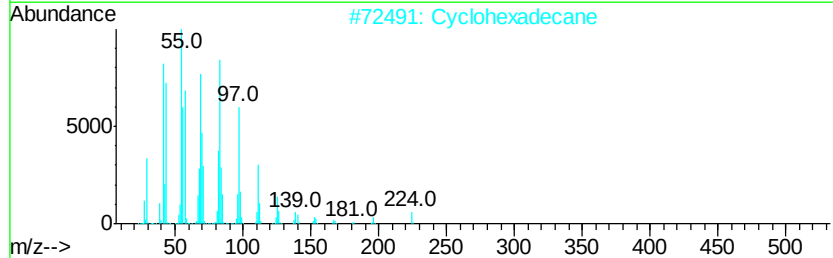
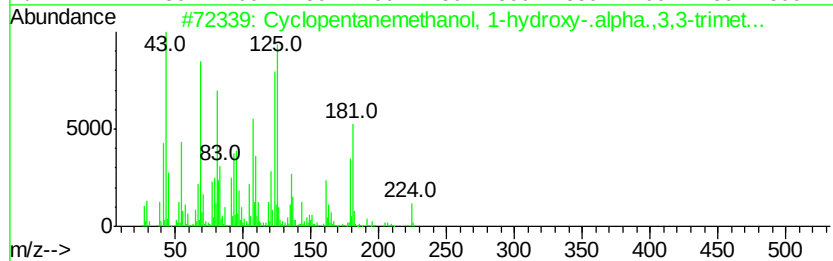
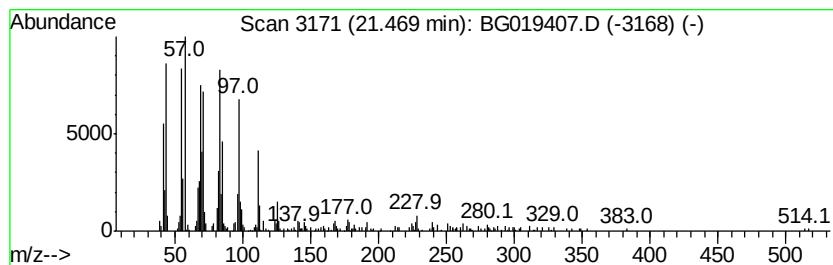
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopentanemethanol, 1-hyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	4.26 ng/ul	203164	Chrysene-d12	21.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanemethanol, 1-hydroxyv-...	224	C14H24O2	088725-85-3	90
2		Cyclohexadecane	224	C16H32	000295-65-8	89
3		Cycloeicosane	280	C20H40	000296-56-0	86
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019407.D
Acq On : 29 Oct 2015 7:54
Operator : UM/NP
Sample : G4075-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
Butane, 2-methoxy...	3.24	6.7	ng/ul	94180	1	8.21	281956	20.0
4-n-Hexylthiane, ...	18.38	2.9	ng/ul	116134	4	17.57	815818	20.0
n-Hexadecanoic acid	18.44	3.3	ng/ul	135891	4	17.57	815818	20.0
Cyclopentanemetha...	21.47	4.3	ng/ul	203164	5	21.86	953411	20.0