

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019066.D
 Acq On : 7 Oct 2015 9:29
 Operator : UM/NP
 Sample : G3865-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ3

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-BG100415.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	3.157	49	54	62	rBV2	24753	44841	7.29%	0.645%
2	3.234	62	67	75	rVB	46602	65759	10.70%	0.946%
3	3.333	80	84	87	rVB3	1110	1413	0.23%	0.020%
4	3.492	108	111	116	rVB3	3362	4384	0.71%	0.063%
5	3.762	153	157	162	rBV2	3298	5662	0.92%	0.081%
6	3.997	194	197	200	rVB3	1484	1308	0.21%	0.019%
7	4.990	363	366	370	rVB3	1173	1554	0.25%	0.022%
8	5.249	406	410	415	rBV4	5508	8840	1.44%	0.127%
9	5.407	433	437	440	rBV2	1097	1374	0.22%	0.020%
10	6.066	543	549	557	rVB5	3202	6199	1.01%	0.089%
11	6.553	626	632	636	rBV4	1519	3129	0.51%	0.045%
12	6.600	636	640	644	rVV3	2065	2615	0.43%	0.038%
13	6.688	651	655	656	rBV2	1283	1599	0.26%	0.023%
14	6.712	657	659	662	rVB2	1603	1543	0.25%	0.022%
15	7.035	710	714	715	rBV3	1134	1323	0.22%	0.019%
16	7.205	736	743	751	rVB	60877	108185	17.60%	1.556%
17	7.370	765	771	778	rVB	59004	92288	15.01%	1.327%
18	7.581	799	807	813	rBV	66206	109894	17.87%	1.581%
19	7.670	817	822	824	rVV2	2596	3520	0.57%	0.051%
20	7.693	824	826	830	rVB2	2154	2786	0.45%	0.040%
21	8.046	879	886	892	rBV	87760	148942	24.23%	2.142%
22	8.104	892	896	902	rVB3	4589	7170	1.17%	0.103%
23	8.163	902	906	910	rBV2	2019	3028	0.49%	0.044%
24	8.751	1000	1006	1013	rVB2	53229	90626	14.74%	1.304%
25	8.997	1046	1048	1052	rBV2	1087	1428	0.23%	0.021%
26	9.203	1077	1083	1090	rVV	78728	135539	22.05%	1.950%
27	9.274	1090	1095	1100	rVB2	4762	6651	1.08%	0.096%
28	9.685	1159	1165	1166	rBV3	1289	1844	0.30%	0.027%
29	9.749	1170	1176	1178	rBV4	982	1553	0.25%	0.022%
30	9.932	1200	1207	1214	rBV	65690	118684	19.30%	1.707%
31	10.261	1259	1263	1264	rBV3	1794	1853	0.30%	0.027%
32	10.472	1293	1299	1307	rVB	97442	164112	26.69%	2.361%
33	10.549	1309	1312	1317	rBV2	888	1248	0.20%	0.018%
34	10.619	1321	1324	1328	rVB3	1682	2546	0.41%	0.037%

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35	10.854	1353	1364	1370	rBV	137173	246299	40.06%	3.543%
36	10.983	1379	1386	1394	rBV	83646	148019	24.08%	2.129%
37	11.741	1511	1515	1516	rBV3	1187	1339	0.22%	0.019%
38	11.759	1516	1518	1520	rBV2	2105	2027	0.33%	0.029%
39	11.876	1533	1538	1546	rVB2	4199	7247	1.18%	0.104%
40	12.264	1599	1604	1610	rBV2	6726	10745	1.75%	0.155%
41	12.435	1628	1633	1636	rBV2	1435	2064	0.34%	0.030%
42	12.505	1641	1645	1650	rVB	7502	11761	1.91%	0.169%
43	12.728	1675	1683	1689	rVB3	7290	12205	1.99%	0.176%
44	13.034	1731	1735	1739	rBV4	2520	3947	0.64%	0.057%
45	13.069	1739	1741	1746	rVB2	2529	2933	0.48%	0.042%
46	13.122	1749	1750	1754	rVB3	1841	2131	0.35%	0.031%
47	13.169	1754	1758	1760	rBV2	985	1428	0.23%	0.021%
48	13.216	1760	1766	1771	rVB3	6078	9345	1.52%	0.134%
49	13.281	1774	1777	1782	rVB4	3938	5802	0.94%	0.083%
50	13.504	1810	1815	1819	rVV2	7211	9743	1.58%	0.140%
51	13.704	1846	1849	1851	rBV3	1917	2374	0.39%	0.034%
52	13.839	1868	1872	1877	rBV4	3612	7395	1.20%	0.106%
53	13.892	1877	1881	1888	rVB3	3679	5937	0.97%	0.085%
54	13.997	1893	1899	1905	rBV2	10623	20233	3.29%	0.291%
55	14.080	1905	1913	1917	rBV	202914	308082	50.11%	4.431%
56	14.127	1917	1921	1925	rVV	109014	156573	25.47%	2.252%
57	14.232	1935	1939	1943	rBV2	8888	12016	1.95%	0.173%
58	14.368	1955	1962	1972	rVB	237408	370123	60.20%	5.324%
59	14.567	1993	1996	2001	rBV2	11687	14446	2.35%	0.208%
60	14.679	2008	2015	2022	rBV2	218232	367392	59.76%	5.284%
61	14.867	2041	2047	2058	rBV	67207	110387	17.95%	1.588%
62	14.961	2058	2063	2068	rVV2	13238	18981	3.09%	0.273%
63	15.008	2068	2071	2075	rVV3	3086	3758	0.61%	0.054%
64	15.067	2077	2081	2088	rVV5	7928	14090	2.29%	0.203%
65	15.149	2089	2095	2098	rVV3	5240	10365	1.69%	0.149%
66	15.184	2098	2101	2102	rVV2	3848	3572	0.58%	0.051%
67	15.231	2105	2109	2115	rVV4	7566	18133	2.95%	0.261%
68	15.290	2116	2119	2125	rVV4	8149	13439	2.19%	0.193%
69	15.343	2125	2128	2132	rVB2	4308	5445	0.89%	0.078%
70	15.466	2142	2149	2153	rBV5	13601	26781	4.36%	0.385%
71	15.519	2155	2158	2163	rVB	15920	19562	3.18%	0.281%

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72	15.578	2163	2168	2172	rBV5	1495	3055	0.50%	0.044%
73	15.666	2177	2183	2189	rVV	322275	479684	78.02%	6.900%
74	15.713	2189	2191	2195	rVB5	9494	9092	1.48%	0.131%
75	15.778	2195	2202	2209	rBV	47664	73179	11.90%	1.053%
76	15.925	2221	2227	2232	rVB3	11355	19733	3.21%	0.284%
77	16.019	2237	2243	2249	rVB6	7577	14701	2.39%	0.211%
78	16.071	2249	2252	2253	rBV3	3505	3306	0.54%	0.048%
79	16.154	2259	2266	2267	rBV5	5992	9725	1.58%	0.140%
80	16.242	2276	2281	2288	rVB4	4103	9761	1.59%	0.140%
81	16.318	2290	2294	2297	rBV3	4045	6495	1.06%	0.093%
82	16.353	2297	2300	2301	rVV3	7204	8114	1.32%	0.117%
83	16.383	2301	2305	2306	rVV	35196	39774	6.47%	0.572%
84	16.406	2306	2309	2314	rVB	64010	91148	14.83%	1.311%
85	16.536	2328	2331	2332	rBV3	4755	4662	0.76%	0.067%
86	16.724	2361	2363	2367	rBV4	2577	4097	0.67%	0.059%
87	16.959	2399	2403	2411	rBV8	23074	36697	5.97%	0.528%
88	17.176	2436	2440	2444	rBV	23573	29619	4.82%	0.426%
89	17.229	2446	2449	2456	rVB3	12119	18876	3.07%	0.272%
90	17.423	2476	2482	2487	rBV2	294467	467262	76.00%	6.721%
91	17.523	2492	2499	2507	rVB	334280	532621	86.63%	7.661%
92	17.916	2562	2566	2571	rVB	27136	32808	5.34%	0.472%
93	18.245	2620	2622	2623	rBV2	4319	3017	0.49%	0.043%
94	18.316	2630	2634	2643	rVB2	68296	106810	17.37%	1.536%
95	18.604	2680	2683	2687	rBV	19027	25459	4.14%	0.366%
96	19.467	2828	2830	2836	rVB	27623	37004	6.02%	0.532%
97	19.808	2882	2888	2898	rBV2	392379	614824	100.00%	8.843%
98	21.342	3146	3149	3160	rVB2	65734	126425	20.56%	1.818%
99	21.694	3205	3209	3215	rVB	305174	498993	81.16%	7.177%
100	24.714	3716	3723	3732	rVB	200970	505868	82.28%	7.276%

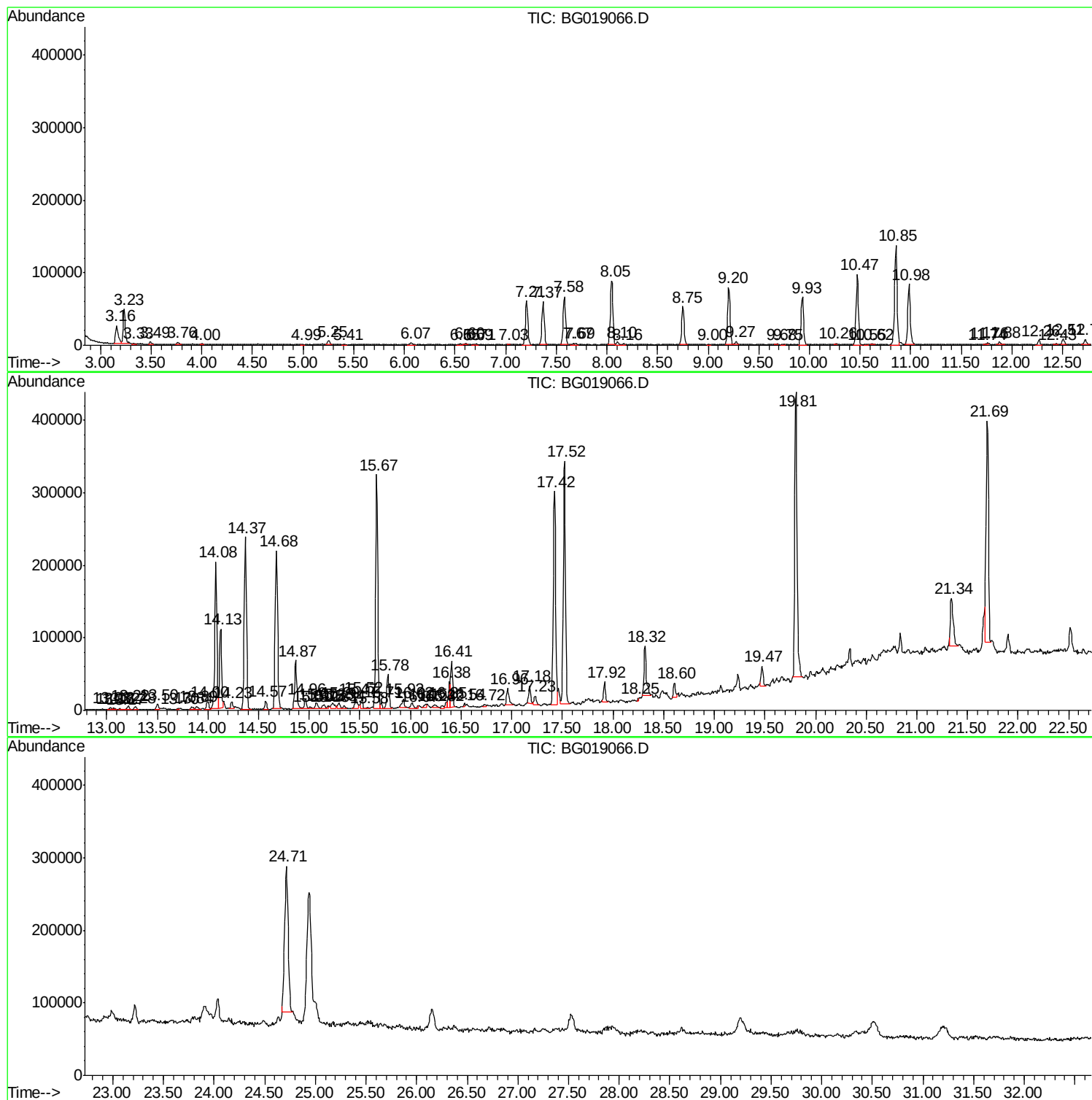
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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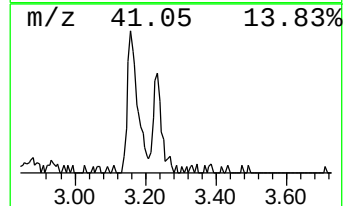
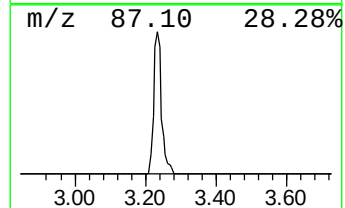
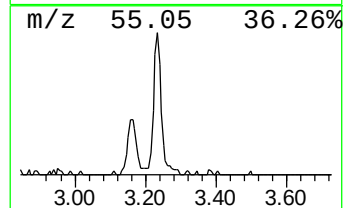
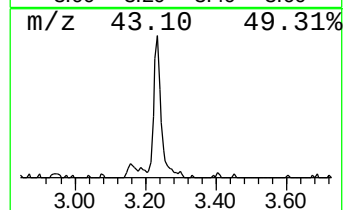
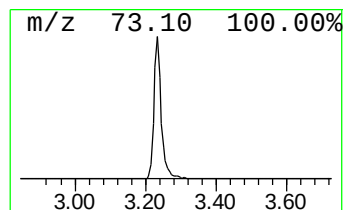
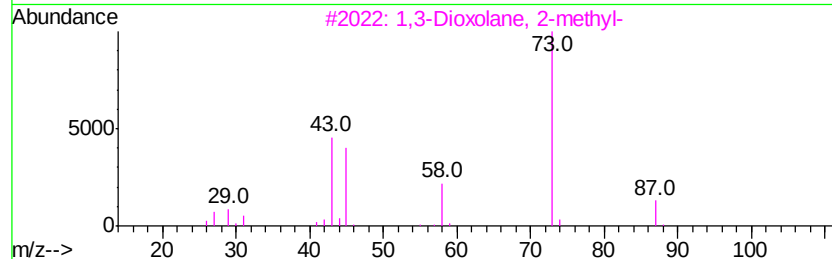
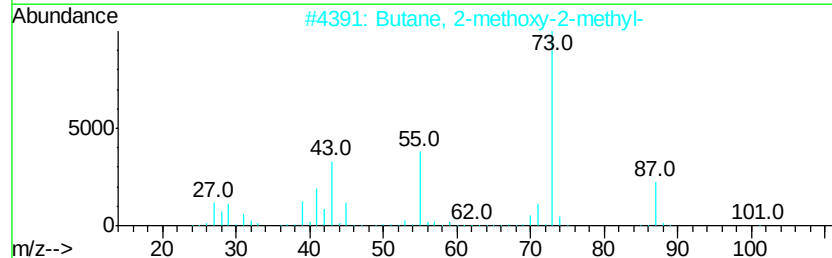
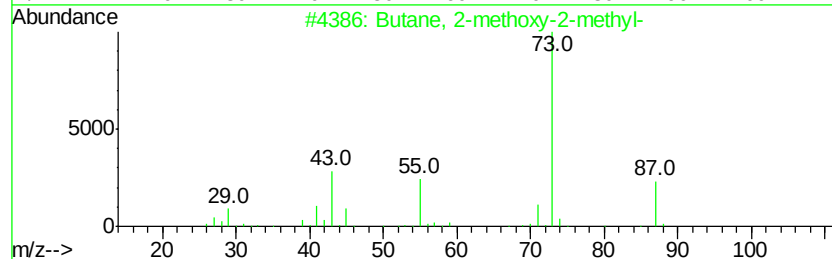
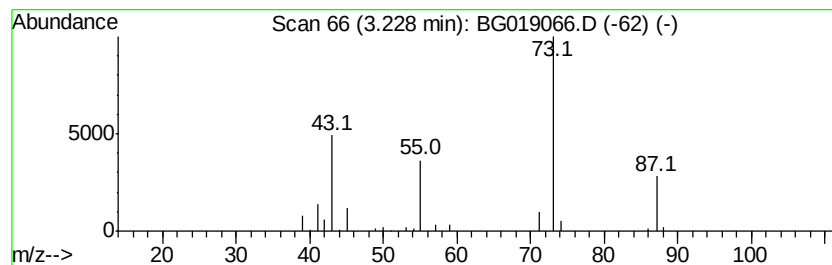
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.23	8.83 ng/ul	65759	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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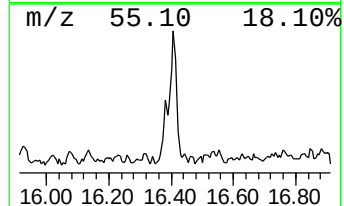
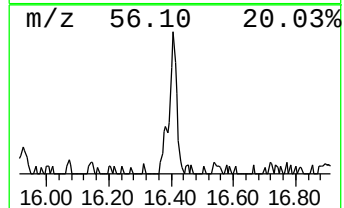
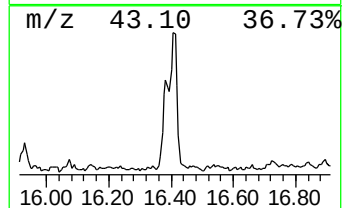
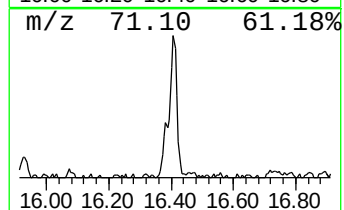
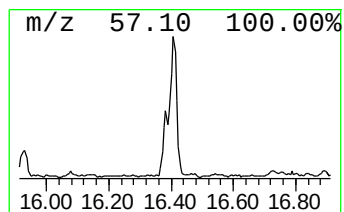
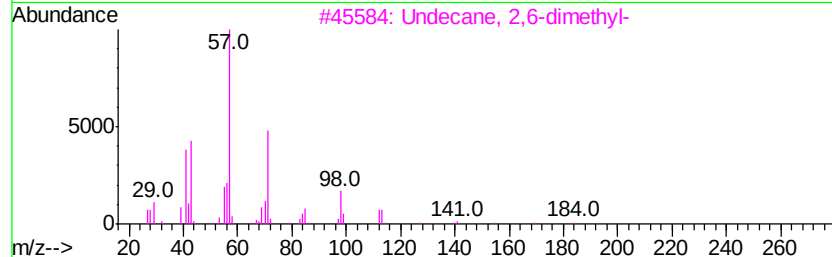
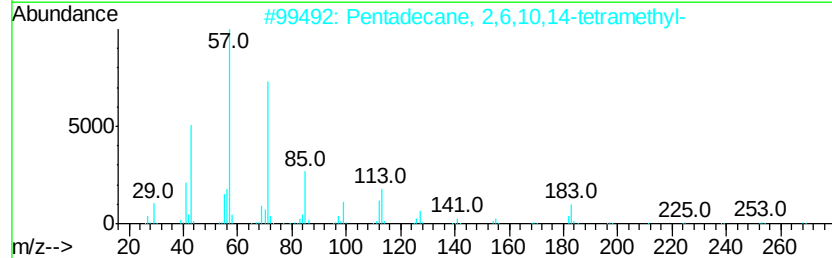
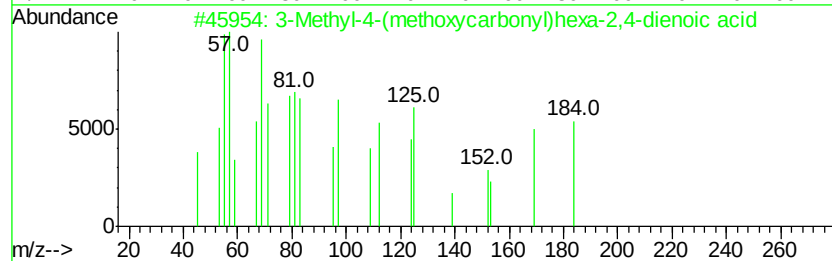
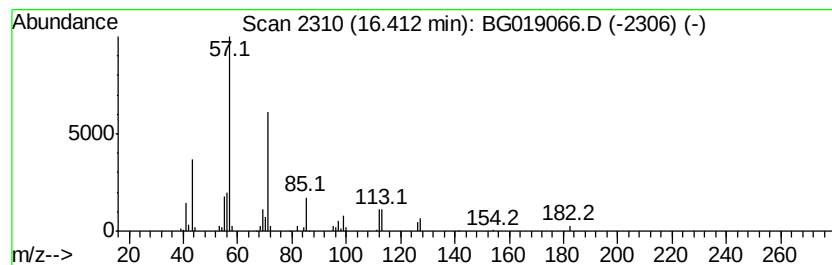
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Methyl-4-(methoxycarbonyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	3.90 ng/ul	91148	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	83
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



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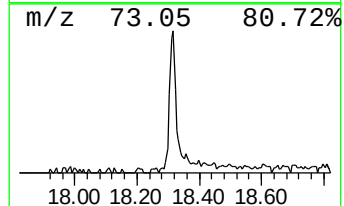
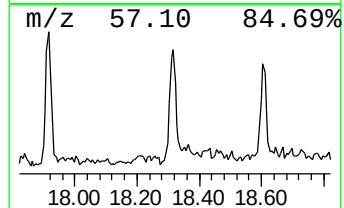
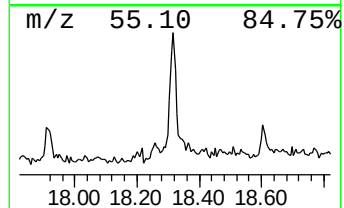
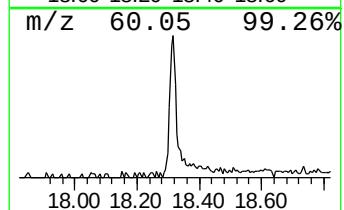
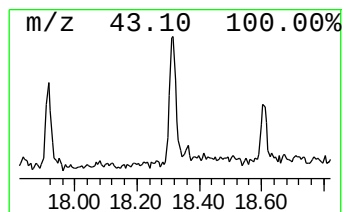
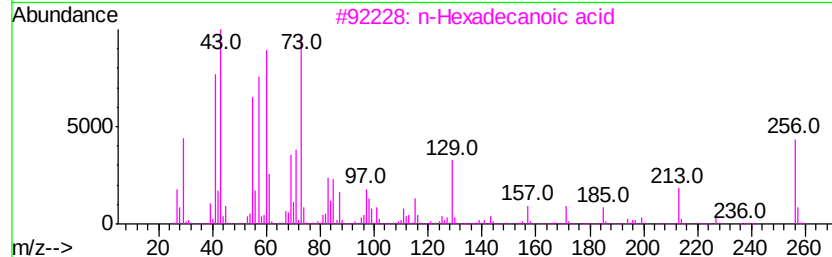
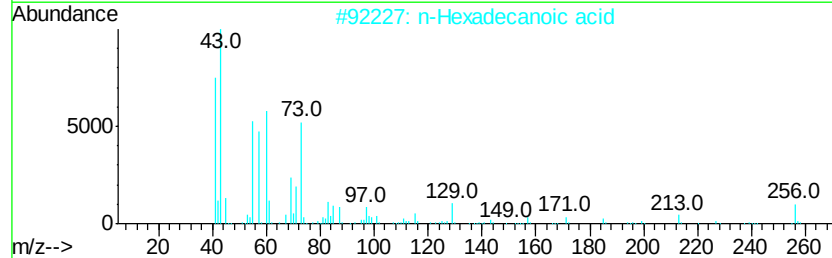
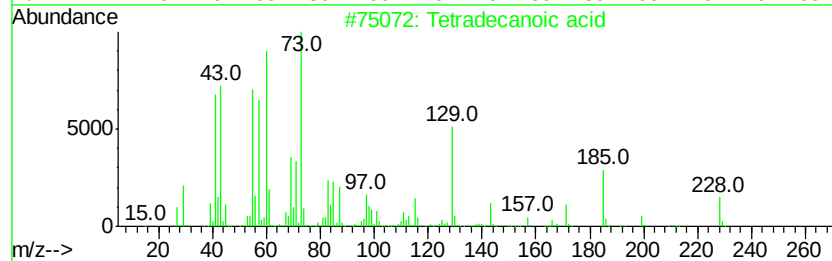
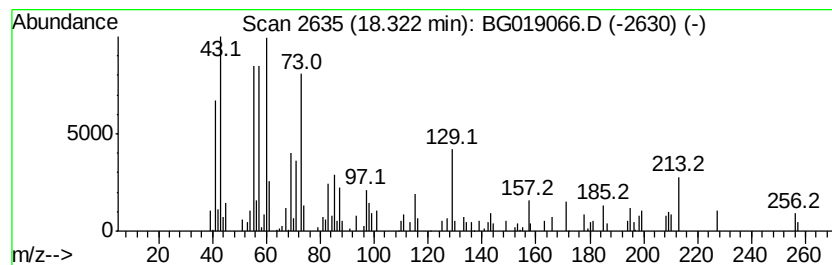
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	4.57 ng/ul	106810	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64



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Operator : UM/NP
Sample : G3865-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ3

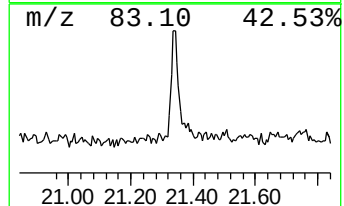
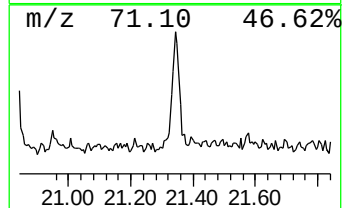
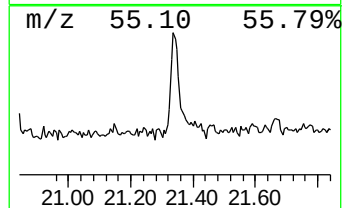
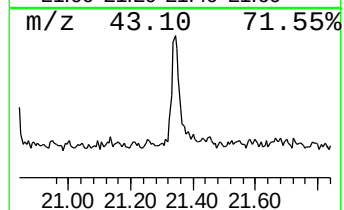
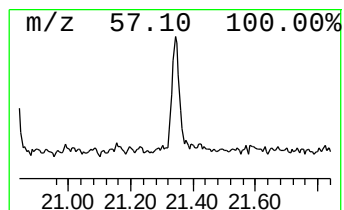
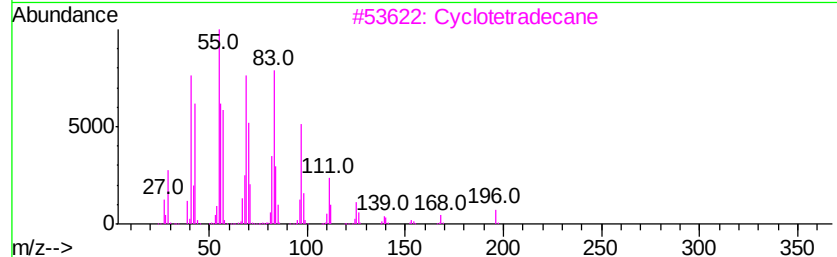
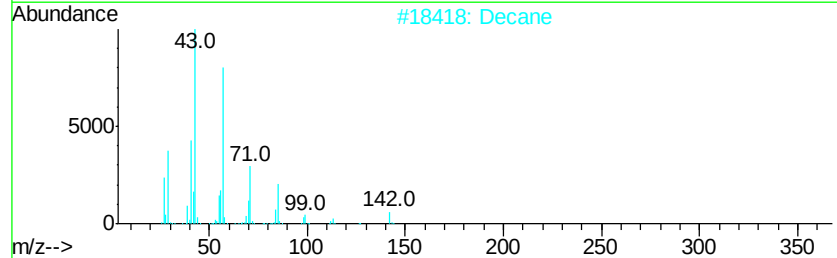
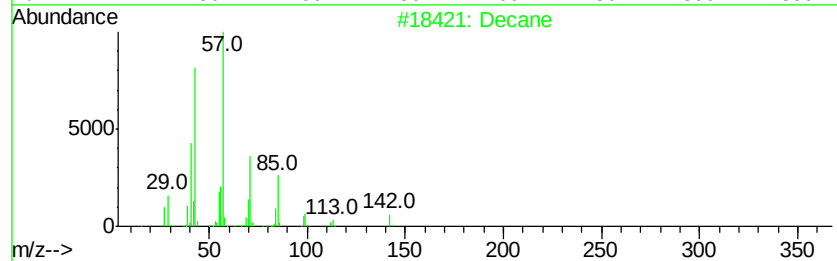
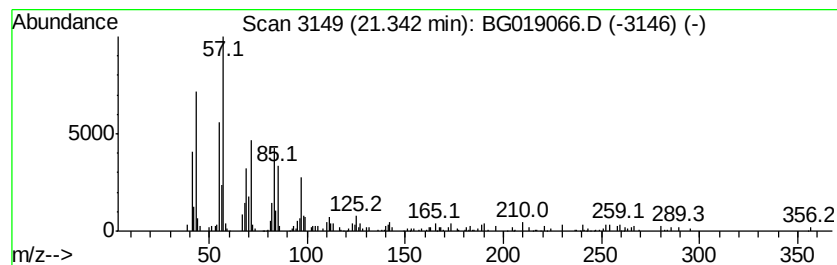
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.07 ng/ul	126425	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	90
2	Decane		142	C10H22	000124-18-5	90
3	Cyclotetradecane		196	C14H28	000295-17-0	70
4	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	70
5	Cyclopentadecane		210	C15H30	000295-48-7	66



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
Data File : BG019066.D
Acq On : 7 Oct 2015 9:29
Operator : UM/NP
Sample : G3865-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.23	8.8	ng/ul	65759	1	8.05	148942	20.0
3-Methyl-4-(metho...	16.41	3.9	ng/ul	91148	4	17.42	467262	20.0
(DEL) Alkane: Str...	18.32	4.6	ng/ul	106810	4	17.42	467262	20.0
(DEL) Alkane: Cyc...	21.34	5.1	ng/ul	126425	5	21.69	498993	20.0