

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019351.D
 Acq On : 25 Oct 2015 00:48
 Operator : UM/NP
 Sample : G4075-07
 Misc :
 ALS Vial : 41 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-BG102315.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	3.207	58	63	71	rBV	28545	55104	2.48%	0.193%
2	3.290	71	77	87	rVB	95865	141608	6.38%	0.496%
3	3.566	118	124	127	rBV	10902	14568	0.66%	0.051%
4	3.860	170	174	176	rBV2	2555	3046	0.14%	0.011%
5	4.341	254	256	260	rBV	2347	3185	0.14%	0.011%
6	5.287	413	417	418	rBV	2519	3061	0.14%	0.011%
7	5.311	418	421	423	rVB	3447	3112	0.14%	0.011%
8	5.370	428	431	435	rBV	2048	3078	0.14%	0.011%
9	5.528	455	458	460	rBV	1940	2753	0.12%	0.010%
10	6.286	584	587	592	rVB3	3489	3842	0.17%	0.013%
11	7.203	740	743	746	rBV2	3916	4050	0.18%	0.014%
12	7.385	766	774	784	rVB	296214	527945	23.79%	1.849%
13	7.555	796	803	811	rVB	204717	324918	14.64%	1.138%
14	7.773	833	840	847	rVB	278239	478906	21.58%	1.677%
15	8.243	911	920	928	rBV	398447	693692	31.26%	2.429%
16	8.789	1010	1013	1017	rVV	2260	3697	0.17%	0.013%
17	8.942	1032	1039	1050	rBV2	374672	649778	29.28%	2.275%
18	9.412	1111	1119	1126	rBV	282002	493330	22.23%	1.727%
19	9.506	1130	1135	1139	rVV3	5874	9907	0.45%	0.035%
20	9.565	1142	1145	1150	rVB4	3063	4201	0.19%	0.015%
21	9.811	1183	1187	1194	rVB2	5975	11460	0.52%	0.040%
22	10.140	1235	1243	1251	rVB	261906	477866	21.53%	1.673%
23	10.458	1292	1297	1300	rBV	1639	2790	0.13%	0.010%
24	10.681	1328	1335	1343	rBV	413255	725888	32.71%	2.542%
25	10.834	1359	1361	1367	rVB2	1565	2641	0.12%	0.009%
26	11.075	1393	1402	1409	rVB	534582	975869	43.97%	3.417%
27	11.198	1415	1423	1433	rBV	247868	459890	20.72%	1.610%
28	11.586	1486	1489	1492	rBV2	2748	2791	0.13%	0.010%
29	12.068	1568	1571	1575	rBV2	1961	2873	0.13%	0.010%
30	12.297	1607	1610	1611	rBV2	1989	2639	0.12%	0.009%
31	12.467	1635	1639	1642	rVB4	2415	3542	0.16%	0.012%
32	12.561	1651	1655	1659	rBV4	8046	13959	0.63%	0.049%
33	12.632	1664	1667	1673	rVV5	6484	9834	0.44%	0.034%
34	12.696	1676	1678	1683	rBV2	2519	4333	0.20%	0.015%

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35	13.125	1748	1751	1752	rBV2	2507	2834	0.13%	0.010%
36	13.225	1765	1768	1773	rVB2	9626	13456	0.61%	0.047%
37	13.290	1775	1779	1782	rVB2	2691	3133	0.14%	0.011%
38	13.466	1807	1809	1817	rVB2	12466	20472	0.92%	0.072%
39	13.672	1842	1844	1848	rVB4	2887	3142	0.14%	0.011%
40	13.742	1853	1856	1861	rVV3	5765	9103	0.41%	0.032%
41	13.801	1864	1866	1867	rBV2	3385	2953	0.13%	0.010%
42	13.877	1877	1879	1882	rBV3	2801	2704	0.12%	0.009%
43	14.259	1938	1944	1948	rBV	747080	1050332	47.33%	3.678%
44	14.306	1948	1952	1958	rVV	239966	329503	14.85%	1.154%
45	14.383	1964	1965	1970	rVB3	4062	3107	0.14%	0.011%
46	14.435	1972	1974	1977	rVB3	3860	4161	0.19%	0.015%
47	14.459	1977	1978	1980	rBV	4322	3597	0.16%	0.013%
48	14.477	1980	1981	1984	rVV3	3639	4509	0.20%	0.016%
49	14.559	1988	1995	2004	rVB	737051	1179310	53.14%	4.129%
50	14.735	2021	2025	2030	rBV2	12786	15104	0.68%	0.053%
51	14.864	2037	2047	2054	rBV2	937020	1507136	67.91%	5.277%
52	14.988	2065	2068	2070	rBV3	2536	2748	0.12%	0.010%
53	15.035	2070	2076	2083	rBV	371873	588462	26.52%	2.061%
54	15.193	2099	2103	2106	rBV5	15698	24809	1.12%	0.087%
55	15.246	2108	2112	2117	rVB7	8220	12522	0.56%	0.044%
56	15.346	2127	2129	2134	rBV6	6463	7078	0.32%	0.025%
57	15.417	2139	2141	2143	rBV2	3947	3571	0.16%	0.013%
58	15.464	2146	2149	2151	rBV4	2232	3042	0.14%	0.011%
59	15.569	2164	2167	2168	rBV2	4316	3737	0.17%	0.013%
60	15.640	2175	2179	2183	rBV2	13448	24610	1.11%	0.086%
61	15.681	2183	2186	2191	rVB2	35105	40608	1.83%	0.142%
62	15.734	2193	2195	2198	rVV4	2403	3125	0.14%	0.011%
63	15.851	2208	2215	2223	rVV	1028712	1547843	69.75%	5.420%
64	15.951	2226	2232	2239	rBV	354992	530916	23.92%	1.859%
65	16.022	2241	2244	2245	rBV3	5202	3543	0.16%	0.012%
66	16.086	2248	2255	2261	rBV10	25356	46878	2.11%	0.164%
67	16.128	2261	2262	2264	rBV2	5157	4453	0.20%	0.016%
68	16.180	2269	2271	2275	rVB4	5837	6882	0.31%	0.024%
69	16.233	2277	2280	2284	rVB6	6712	8516	0.38%	0.030%
70	16.298	2289	2291	2297	rVB7	5647	9222	0.42%	0.032%
71	16.363	2300	2302	2304	rBV3	4945	3544	0.16%	0.012%

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72	16.545	2328	2333	2335	rBV2	47229	67362	3.04%	0.236%
73	16.633	2345	2348	2350	rVB4	6634	7019	0.32%	0.025%
74	16.656	2350	2352	2354	rBV3	5758	6368	0.29%	0.022%
75	16.721	2359	2363	2367	rVB6	11259	20188	0.91%	0.071%
76	16.974	2399	2406	2414	rVB5	42225	81381	3.67%	0.285%
77	17.038	2414	2417	2418	rBV3	6617	7542	0.34%	0.026%
78	17.056	2418	2420	2425	rVB6	10896	9391	0.42%	0.033%
79	17.332	2463	2467	2473	rBV2	51912	71100	3.20%	0.249%
80	17.385	2473	2476	2482	rVB5	27704	37241	1.68%	0.130%
81	17.473	2487	2491	2494	rBV4	9470	14865	0.67%	0.052%
82	17.602	2506	2513	2519	rBV2	1209248	1888390	85.09%	6.612%
83	17.702	2524	2530	2536	rVV	1135224	1616536	72.84%	5.660%
84	17.955	2570	2573	2577	rBV5	15617	21092	0.95%	0.074%
85	18.031	2584	2586	2589	rBV4	10126	11860	0.53%	0.042%
86	18.072	2589	2593	2597	rVV	42172	55927	2.52%	0.196%
87	18.354	2635	2641	2645	rBV6	51224	104639	4.72%	0.366%
88	18.413	2646	2651	2657	rVV	539947	799638	36.03%	2.800%
89	18.472	2657	2661	2672	rVB	577842	788311	35.52%	2.760%
90	18.760	2707	2710	2713	rBV4	28739	38521	1.74%	0.135%
91	19.612	2852	2855	2856	rBV3	41024	46351	2.09%	0.162%
92	19.635	2857	2859	2865	rVB	111014	136343	6.14%	0.477%
93	19.723	2871	2874	2879	rBV	91998	119754	5.40%	0.419%
94	19.970	2911	2916	2925	rVB	1291616	2010200	90.58%	7.039%
95	21.498	3172	3176	3182	rVB2	389694	559415	25.21%	1.959%
96	21.891	3237	3243	3249	rVB2	1289787	2219253	100.00%	7.771%
97	22.732	3381	3386	3396	rVB4	217699	452848	20.41%	1.586%
98	24.324	3653	3657	3661	rBV3	188871	326101	14.69%	1.142%
99	25.064	3775	3783	3792	rVB	634576	1714567	77.26%	6.004%
100	25.299	3814	3823	3840	rVB2	687441	2175902	98.05%	7.619%

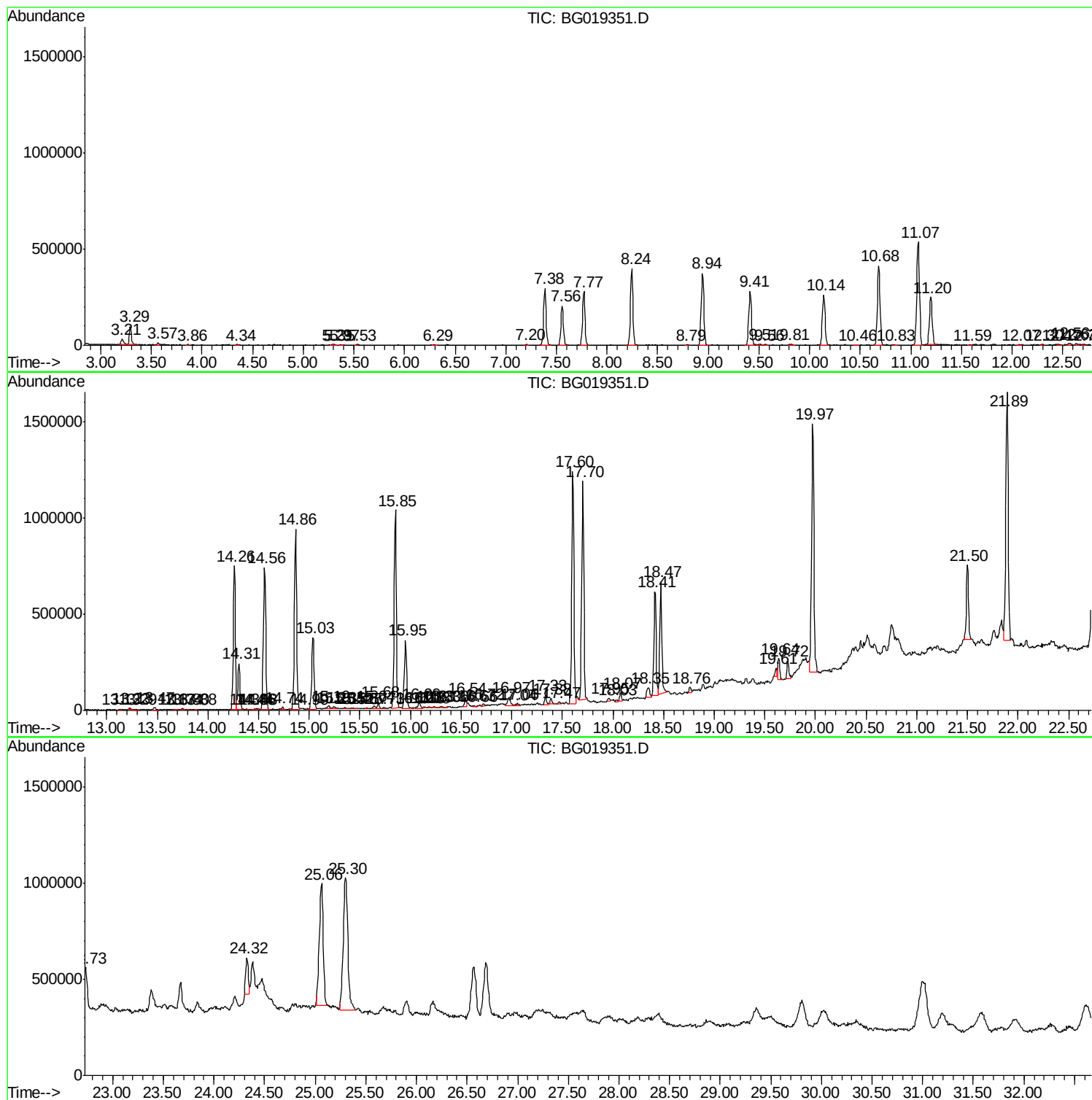
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



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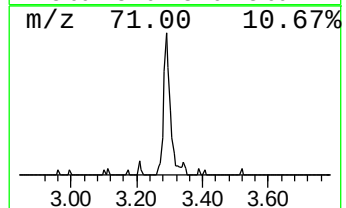
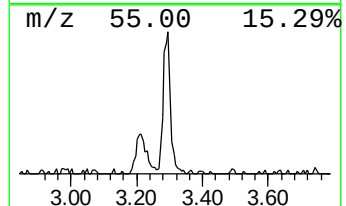
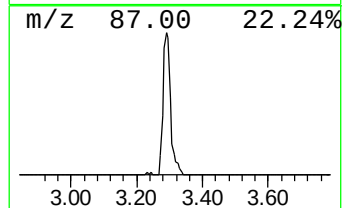
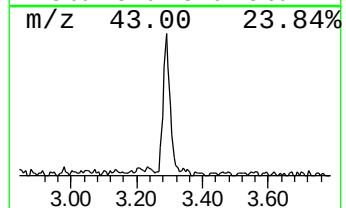
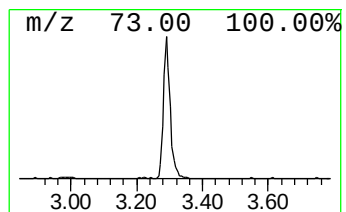
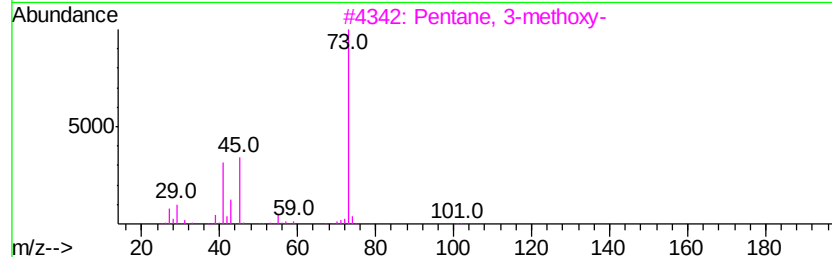
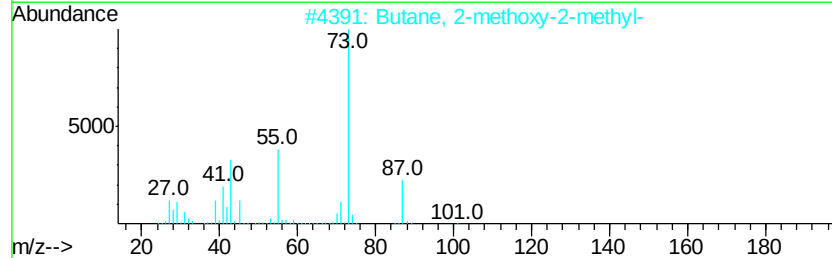
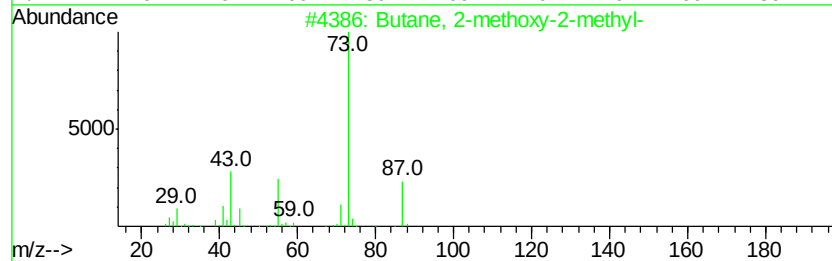
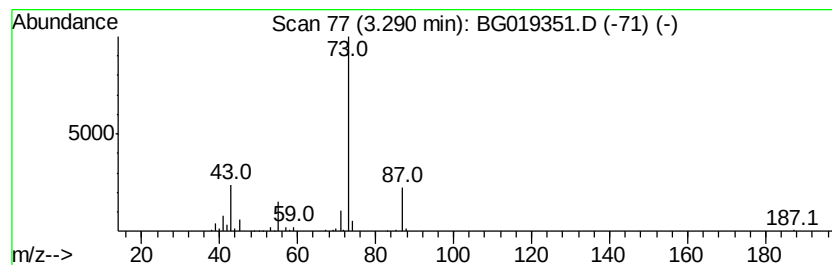
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.08 ng/ul	141608	1,4-Dichlorobenzene-d4	8.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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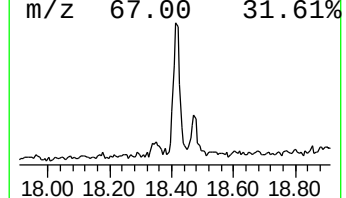
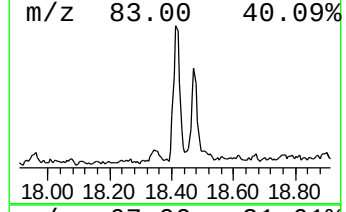
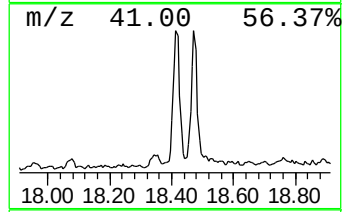
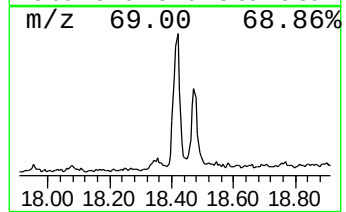
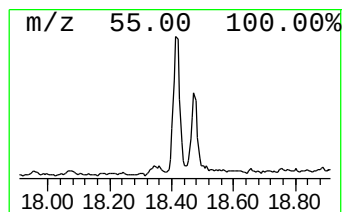
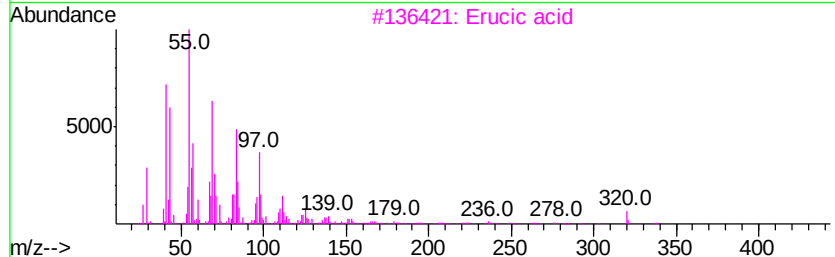
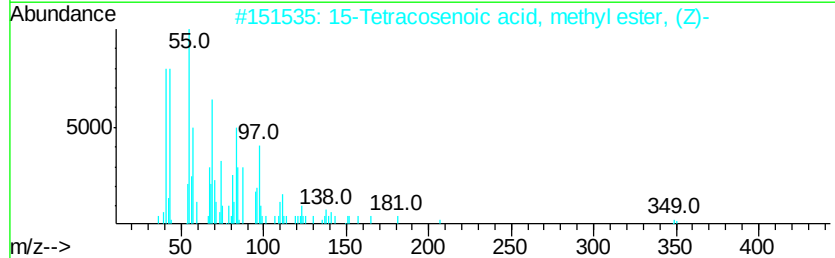
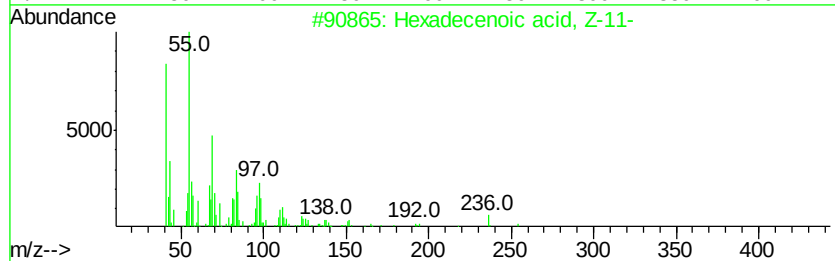
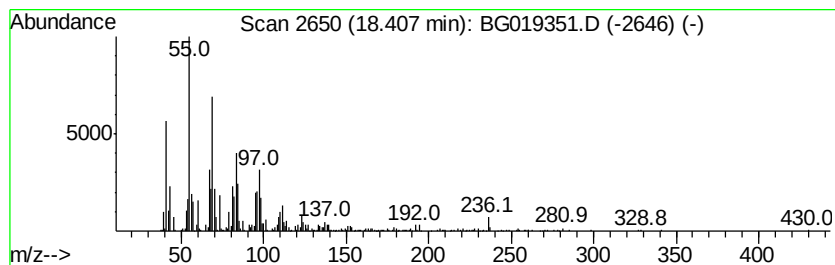
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Hexadecenoic acid, Z-11- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	8.47 ng/ul	799638	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2			15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	87
3			Erucic acid	338	C22H42O2	000112-86-7	72
4			9-Octadecenoic acid, ethyl ester	310	C20H38O2	006512-99-8	64
5			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	58



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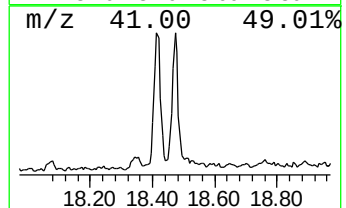
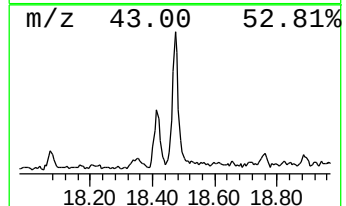
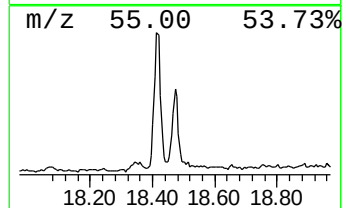
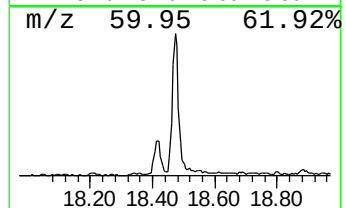
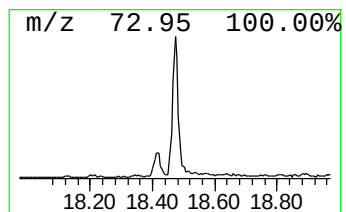
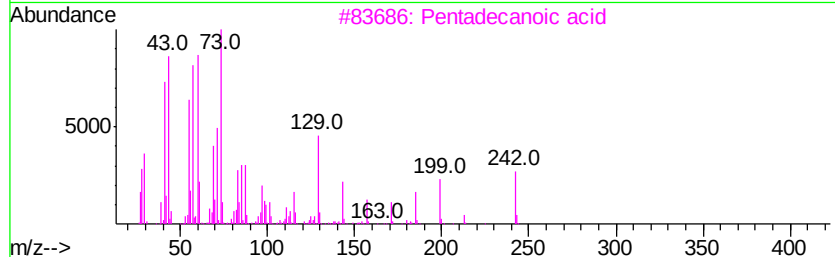
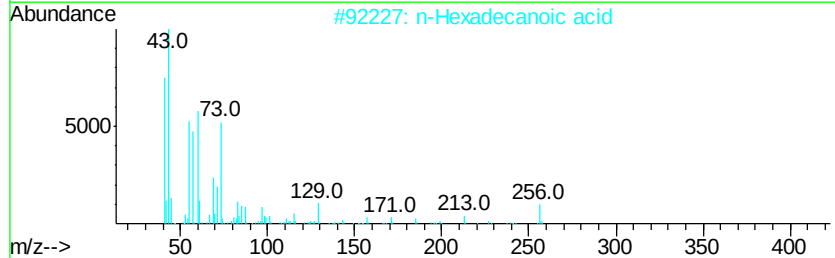
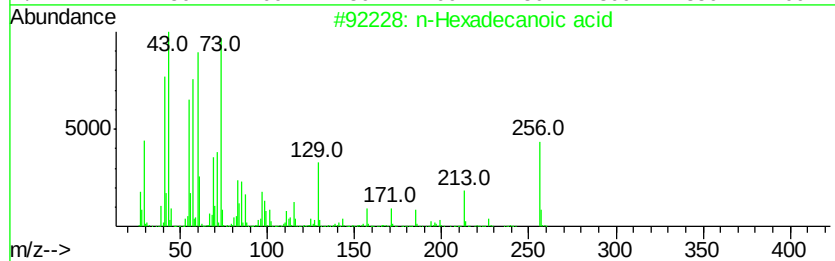
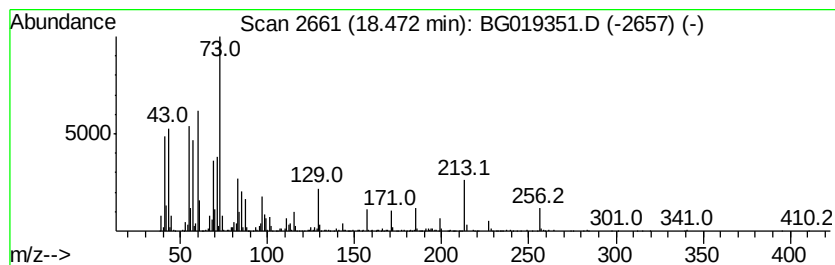
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.47	8.35 ng/ul	788311	Phenanthrene-d10		17.60	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4		Tridecanoic acid	214	C13H26O2	000638-53-9	46
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



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Data File : BG019351.D
Acq On : 25 Oct 2015 00:48
Operator : UM/NP
Sample : G4075-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

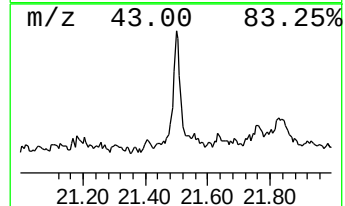
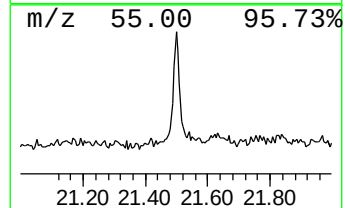
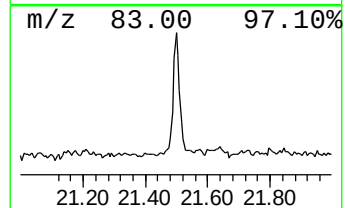
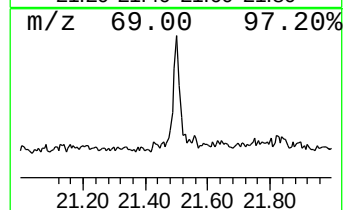
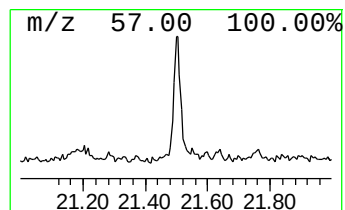
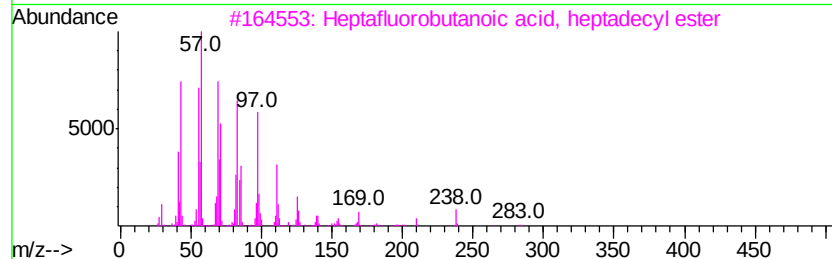
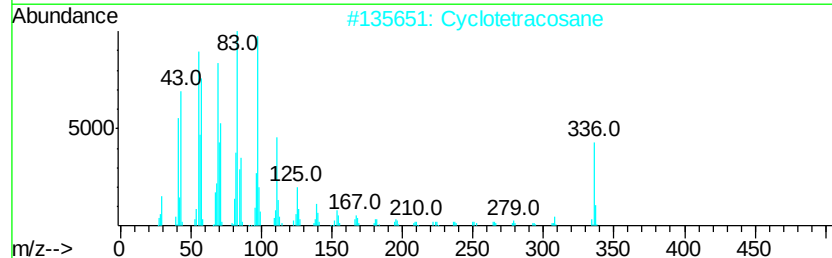
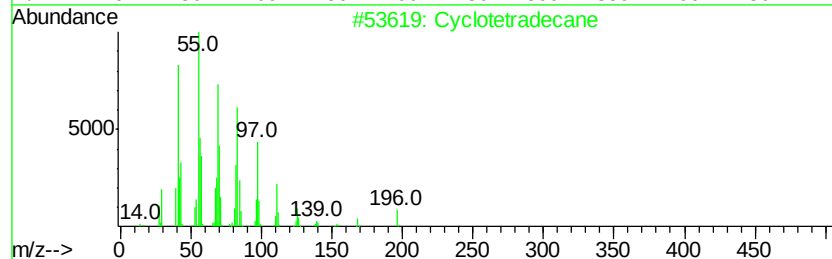
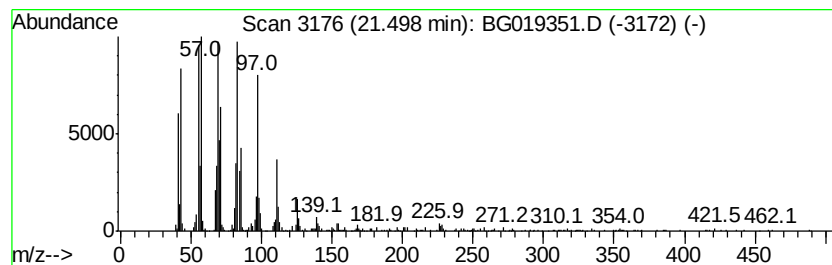
Instrument :
BNA_G
ClientSampleId :
JG9K7

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.50	5.04 ng/ul	559415	Chrysene-d12	21.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Heptafluorobutanoic acid, heptadecanoic acid, n-octadecanoic acid, n-nonadecanoic acid, n-eicosanoic acid, n-heneicosanoic acid, n-tricosanoic acid, n-tetracosanoic acid, n-pentacosanoic acid, n-hexacosanoic acid, n-heptacosanoic acid, n-octacosanoic acid, n-nonacosanoic acid, n-triacontanoic acid, n-hentriacontanoic acid, n-tetracontanoic acid, n-pentacosanoic acid, n-hexacosanoic acid, n-heptacosanoic acid, n-octacosanoic acid, n-nonacosanoic acid, n-triacontanoic acid, n-hentriacontanoic acid, n-tetracontanoic acid, n-pentacosanoic acid, n-hexacosanoic acid, n-heptacosanoic acid, n-octacosanoic acid, n-nonacosanoic acid, n-triacontanoic acid, n-hentriacontanoic acid, n-tetracontanoic acid, n-pentacosanoic acid, n-hexacosanoic acid, n-heptacosanoic acid, n-octacosanoic acid, n-nonacosanoic acid, n-triacontanoic acid, n-hentriacontanoic acid, n-tetracontanoic acid, n-pentacosanoic acid, n-hexacosanoic acid, n-heptacosanoic acid, n-octacosanoic acid, n-nonacosanoic acid, 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Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019351.D
Acq On : 25 Oct 2015 00:48
Operator : UM/NP
Sample : G4075-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K7

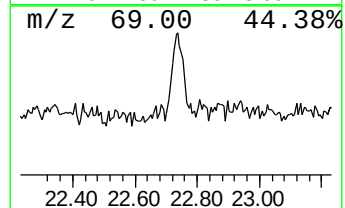
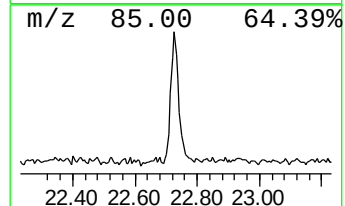
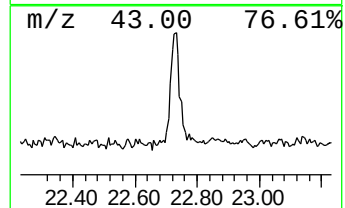
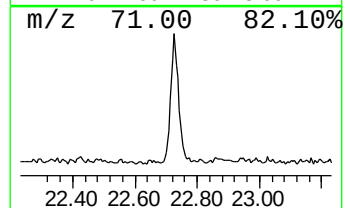
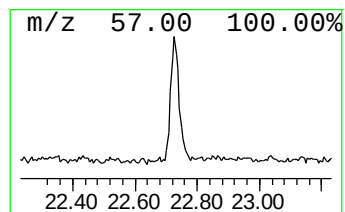
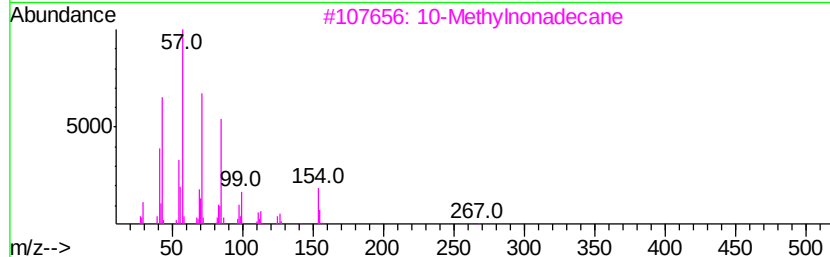
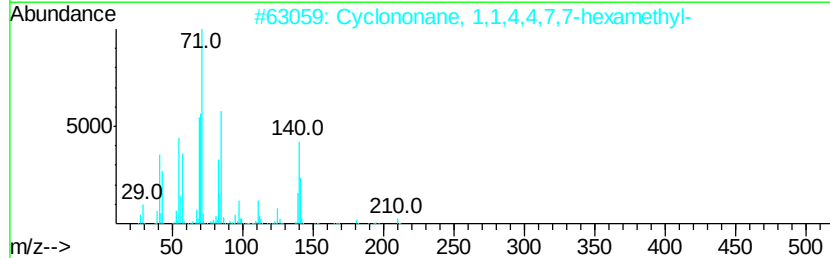
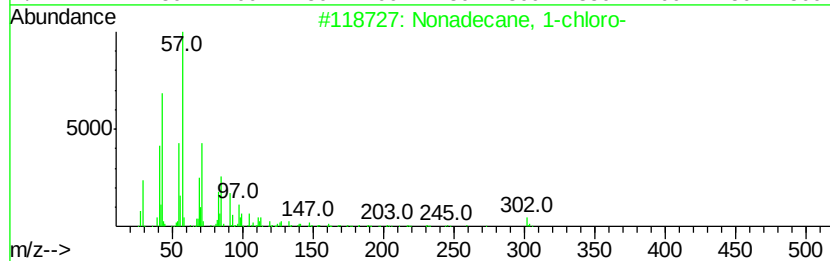
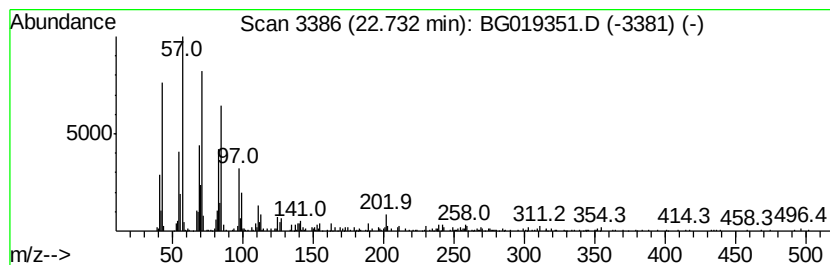
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown22.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	4.08 ng/ul	452848	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	93
2		Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	70
3		10-Methylnonadecane	282	C20H42	056862-62-5	64
4		Octacosane	394	C28H58	000630-02-4	62
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
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Sample : G4075-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JG9K7

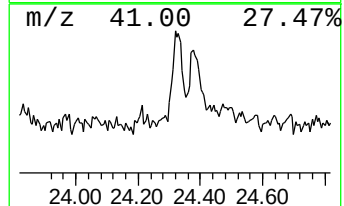
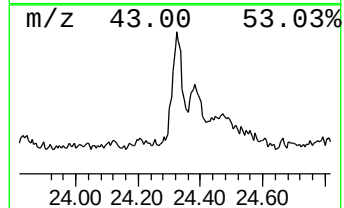
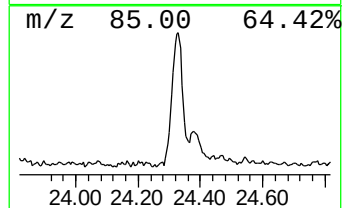
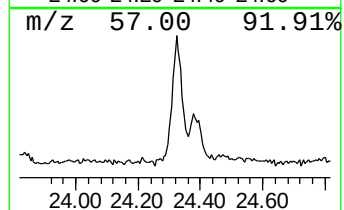
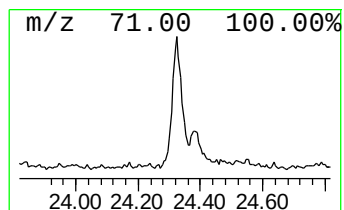
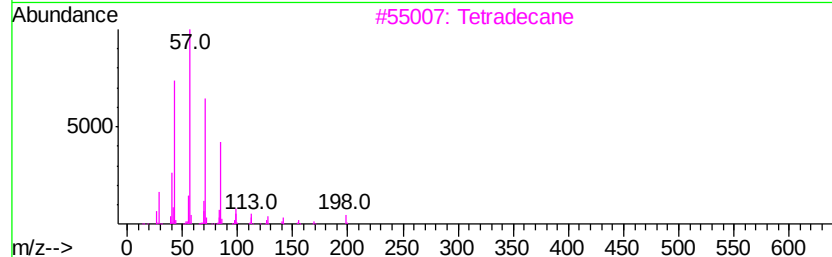
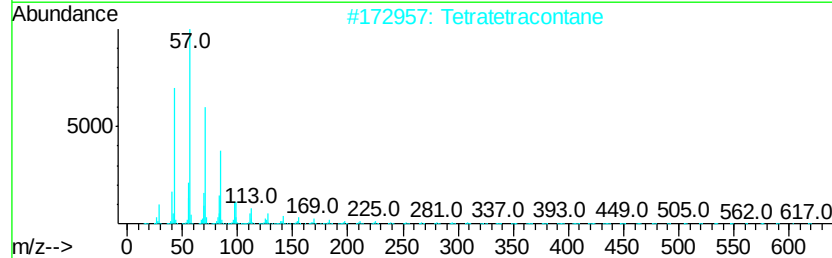
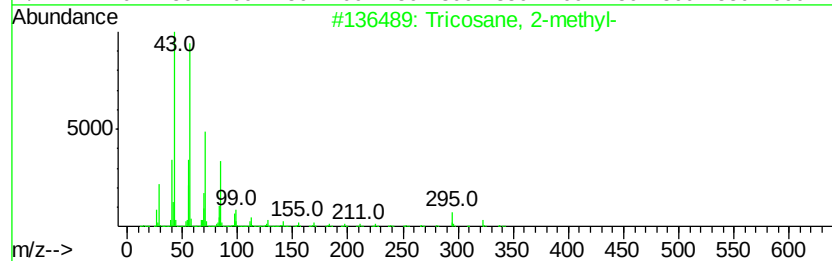
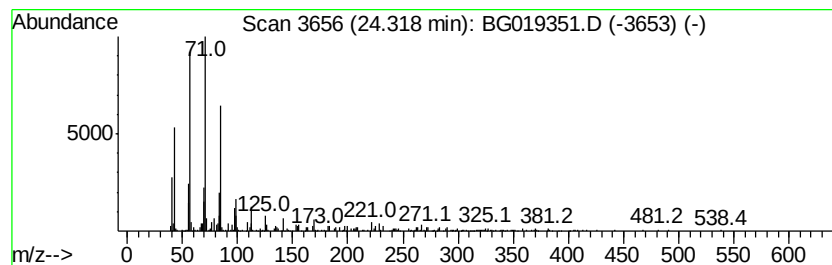
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	3.00 ng/ul	326101	Perylene-d12	25.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Tetradecane	198	C14H30	000629-59-4	81
4		Tetradecane	198	C14H30	000629-59-4	81
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019351.D
Acq On : 25 Oct 2015 00:48
Operator : UM/NP
Sample : G4075-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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
unknown-01	3.29	4.1	ng/ul	141608	1	8.24	693692	20.0
Hexadecenoic acid...	18.41	8.5	ng/ul	799638	4	17.60	1888390	20.0
n-Hexadecanoic acid	18.47	8.3	ng/ul	788311	4	17.60	1888390	20.0
(DEL) Alkane: Cyc...	21.50	5.0	ng/ul	559415	5	21.89	2219250	20.0
unknown22.73	22.73	4.1	ng/ul	452848	5	21.89	2219250	20.0
(DEL) Alkane: Str...	24.32	3.0	ng/ul	326101	6	25.30	2175900	20.0