

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019057.D
 Acq On : 6 Oct 2015 22:29
 Operator : UM/NP
 Sample : G3915-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03G3

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	3.156	50	54	63	rBV	36687	68053	12.94%	1.748%
2	3.232	63	67	75	rVB	79721	111731	21.25%	2.869%
3	3.467	105	107	112	rVB3	699	908	0.17%	0.023%
4	4.313	250	251	254	rBV2	896	915	0.17%	0.023%
5	4.542	288	290	293	rBV3	720	1128	0.21%	0.029%
6	4.601	298	300	304	rBV4	543	768	0.15%	0.020%
7	4.860	342	344	347	rVB3	620	716	0.14%	0.018%
8	6.534	627	629	632	rVB3	667	754	0.14%	0.019%
9	7.028	710	713	715	rBV2	1599	1775	0.34%	0.046%
10	7.204	738	743	752	rVB4	6527	12543	2.39%	0.322%
11	7.368	765	771	779	rVB	13886	21810	4.15%	0.560%
12	7.580	800	807	812	rVB	16170	25802	4.91%	0.663%
13	8.044	880	886	892	rVB	67979	109401	20.80%	2.809%
14	8.491	958	962	964	rBV2	780	767	0.15%	0.020%
15	8.749	998	1006	1014	rBV3	16258	27707	5.27%	0.712%
16	8.966	1042	1043	1047	rBV2	725	743	0.14%	0.019%
17	9.201	1075	1083	1092	rVB2	16936	29915	5.69%	0.768%
18	9.331	1099	1105	1110	rBV5	1788	3235	0.62%	0.083%
19	9.924	1201	1206	1213	rBV2	12963	22996	4.37%	0.591%
20	10.465	1293	1298	1304	rVB	21811	36324	6.91%	0.933%
21	10.547	1310	1312	1316	rVB3	708	1065	0.20%	0.027%
22	10.612	1319	1323	1332	rVB4	1918	3753	0.71%	0.096%
23	10.852	1357	1364	1372	rBV	97155	172535	32.81%	4.431%
24	11.035	1390	1395	1397	rBV3	532	851	0.16%	0.022%
25	11.640	1494	1498	1503	rVB3	732	1432	0.27%	0.037%
26	11.734	1512	1514	1517	rVB2	961	1108	0.21%	0.028%
27	11.869	1536	1537	1543	rBV2	677	1009	0.19%	0.026%
28	12.268	1602	1605	1609	rVB3	762	1163	0.22%	0.030%
29	12.645	1666	1669	1672	rBV2	604	838	0.16%	0.022%
30	13.038	1732	1736	1739	rBV2	3154	4157	0.79%	0.107%
31	13.279	1772	1777	1783	rBV	4967	6969	1.33%	0.179%
32	13.332	1783	1786	1789	rVB3	757	913	0.17%	0.023%
33	13.479	1808	1811	1813	rBV2	610	760	0.14%	0.020%
34	13.567	1823	1826	1832	rVB3	1033	1602	0.30%	0.041%

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35	13.702	1847	1849	1851	rVB2	940	839	0.16%	0.022%
36	13.720	1851	1852	1855	rBV2	695	732	0.14%	0.019%
37	13.761	1855	1859	1862	rVV3	585	765	0.15%	0.020%
38	14.072	1906	1912	1916	rBV	45392	64690	12.30%	1.661%
39	14.119	1916	1920	1926	rVB	39131	53545	10.18%	1.375%
40	14.307	1948	1952	1955	rBV5	2486	3143	0.60%	0.081%
41	14.366	1956	1962	1968	rVB	42474	67743	12.88%	1.740%
42	14.566	1995	1996	2003	rVB4	1125	1639	0.31%	0.042%
43	14.672	2007	2014	2022	rVV2	173906	266180	50.61%	6.835%
44	14.742	2025	2026	2030	rBV2	722	734	0.14%	0.019%
45	14.801	2034	2036	2039	rBV3	727	857	0.16%	0.022%
46	14.854	2041	2045	2053	rVB3	8201	14124	2.69%	0.363%
47	15.065	2080	2081	2082	rBV	1037	710	0.14%	0.018%
48	15.253	2109	2113	2114	rBV2	689	852	0.16%	0.022%
49	15.306	2119	2122	2124	rBV3	632	751	0.14%	0.019%
50	15.406	2138	2139	2141	rVB2	1402	770	0.15%	0.020%
51	15.465	2145	2149	2154	rVV3	4559	7272	1.38%	0.187%
52	15.518	2154	2158	2162	rVB2	5731	7328	1.39%	0.188%
53	15.618	2173	2175	2177	rBV3	763	733	0.14%	0.019%
54	15.659	2177	2182	2189	rVB	64955	95668	18.19%	2.457%
55	15.717	2189	2192	2195	rVB3	960	1277	0.24%	0.033%
56	15.770	2196	2201	2206	rBV	18462	26215	4.98%	0.673%
57	15.900	2220	2223	2224	rBV3	1017	1017	0.19%	0.026%
58	16.146	2261	2265	2268	rVB4	1501	2091	0.40%	0.054%
59	16.199	2272	2274	2275	rBV2	886	735	0.14%	0.019%
60	16.276	2285	2287	2288	rBV2	1048	710	0.14%	0.018%
61	16.375	2300	2304	2308	rBV	10452	15022	2.86%	0.386%
62	16.499	2322	2325	2328	rVB4	2263	2339	0.44%	0.060%
63	16.552	2328	2334	2338	rBV5	8894	12925	2.46%	0.332%
64	16.616	2343	2345	2349	rBV5	1364	1808	0.34%	0.046%
65	16.657	2351	2352	2355	rVB3	2220	1611	0.31%	0.041%
66	16.693	2355	2358	2359	rBV	1115	726	0.14%	0.019%
67	16.716	2361	2362	2365	rBV3	1444	1493	0.28%	0.038%
68	16.816	2375	2379	2381	rBV4	1254	1385	0.26%	0.036%
69	16.887	2387	2391	2394	rBV3	2670	3866	0.74%	0.099%
70	16.957	2398	2403	2404	rBV5	1856	1920	0.37%	0.049%
71	17.169	2435	2439	2443	rBV	10316	13717	2.61%	0.352%

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72	17.298	2459	2461	2462	rBV2	1436	1125	0.21%	0.029%
73	17.327	2465	2466	2470	rVB3	1712	1386	0.26%	0.036%
74	17.415	2474	2481	2489	rBV2	258443	380389	72.33%	9.768%
75	17.515	2492	2498	2503	rVB	79408	119174	22.66%	3.060%
76	17.592	2509	2511	2513	rBV3	1292	853	0.16%	0.022%
77	17.645	2517	2520	2522	rBV2	1226	1685	0.32%	0.043%
78	17.703	2526	2530	2534	rBV7	1974	3520	0.67%	0.090%
79	17.791	2539	2545	2556	rBV2	56747	82730	15.73%	2.124%
80	17.909	2562	2565	2571	rVB2	10722	13341	2.54%	0.343%
81	18.003	2579	2581	2582	rBV2	1361	932	0.18%	0.024%
82	18.085	2592	2595	2601	rVB4	2835	5684	1.08%	0.146%
83	18.261	2623	2625	2629	rBV3	1589	1381	0.26%	0.035%
84	18.308	2629	2633	2638	rBV2	42407	58337	11.09%	1.498%
85	18.373	2642	2644	2648	rVB3	5444	6644	1.26%	0.171%
86	18.596	2678	2682	2687	rBV2	9312	15150	2.88%	0.389%
87	18.637	2687	2689	2690	rVV2	2128	1041	0.20%	0.027%
88	18.655	2690	2692	2694	rVV3	1403	790	0.15%	0.020%
89	18.967	2743	2745	2746	rBV	2079	973	0.19%	0.025%
90	19.160	2773	2778	2787	rBV	250337	350032	66.56%	8.989%
91	19.713	2869	2872	2878	rVB2	17136	26623	5.06%	0.684%
92	19.795	2881	2886	2892	rBV	113078	169137	32.16%	4.343%
93	20.106	2937	2939	2940	rBV2	4364	2870	0.55%	0.074%
94	20.300	2969	2972	2975	rBV5	8273	11010	2.09%	0.283%
95	20.336	2976	2978	2982	rVB2	12034	12370	2.35%	0.318%
96	20.665	3030	3034	3038	rBV	32749	38051	7.24%	0.977%
97	21.334	3144	3148	3156	rBV2	42737	73003	13.88%	1.875%
98	21.687	3202	3208	3217	rVB	322631	525908	100.00%	13.505%
99	24.689	3712	3719	3731	rVB	58066	160766	30.57%	4.128%
100	24.918	3749	3758	3766	rBV3	171539	475128	90.34%	12.201%

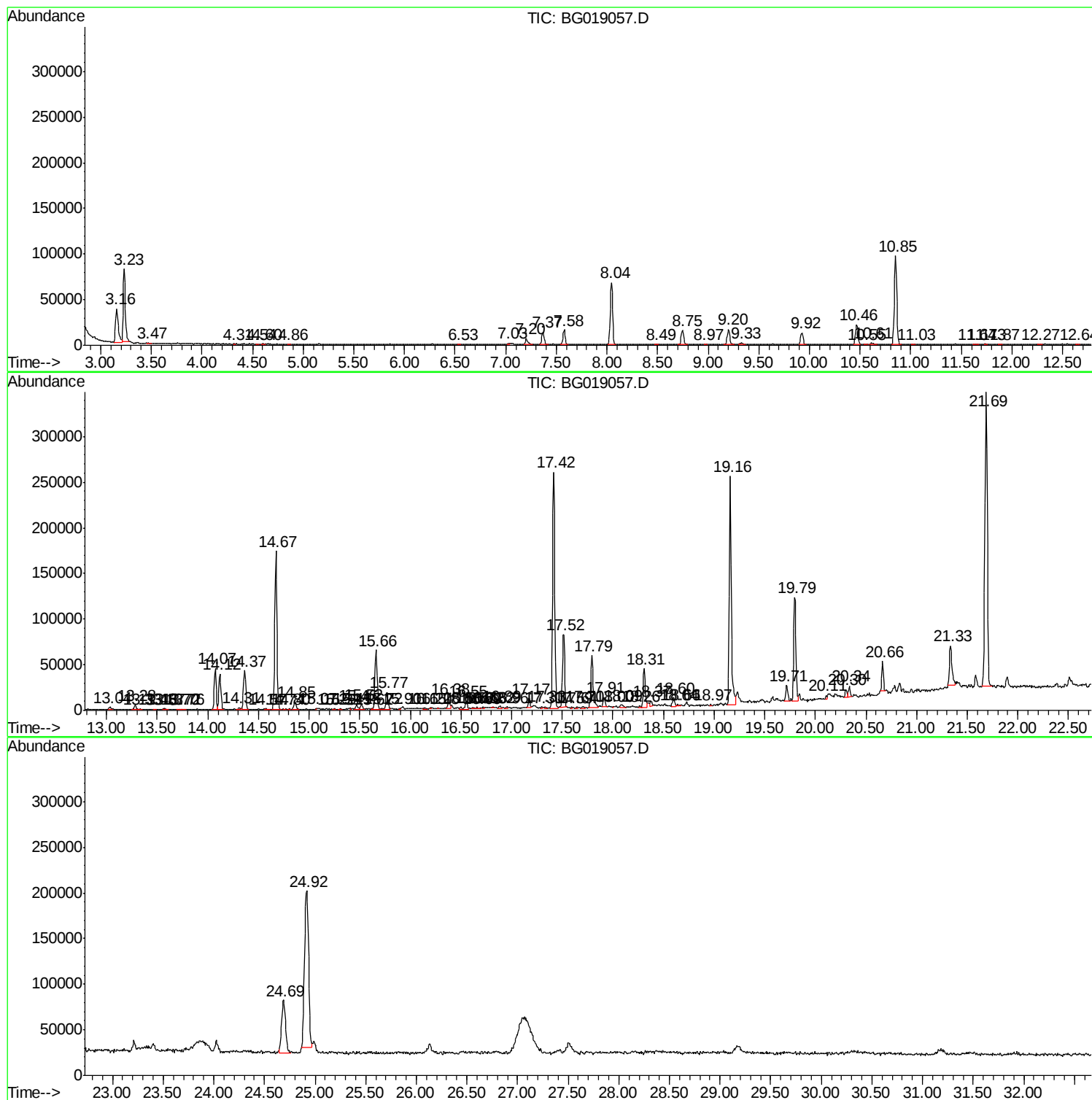
Sum of corrected areas: 3894111

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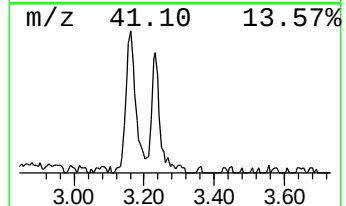
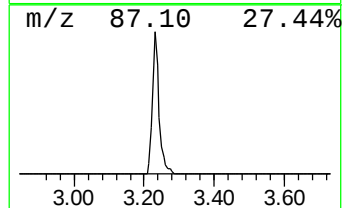
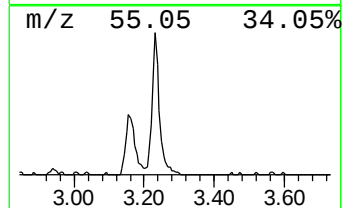
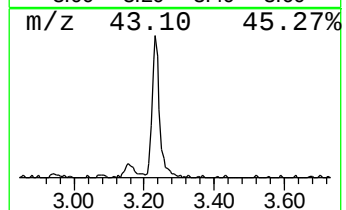
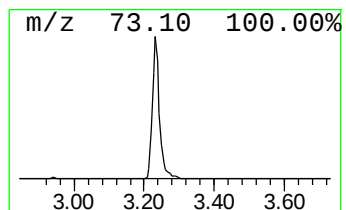
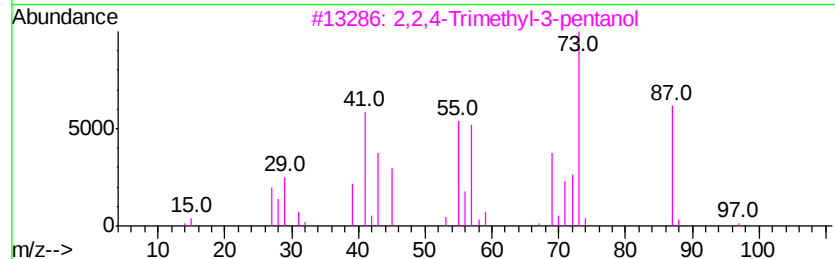
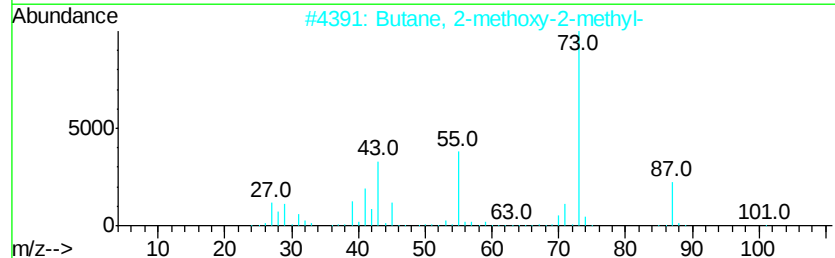
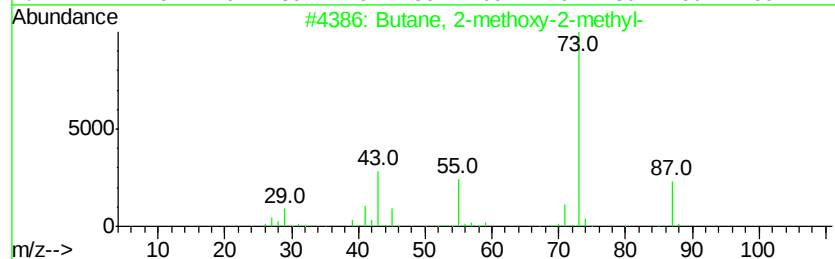
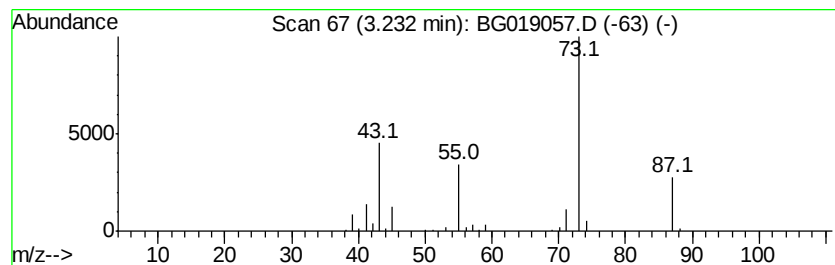
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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	20.43 ng/ul	111731	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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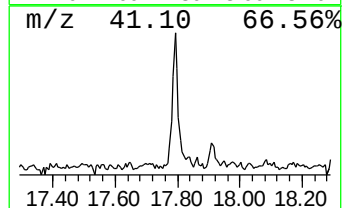
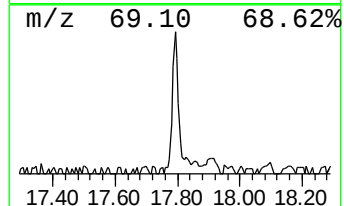
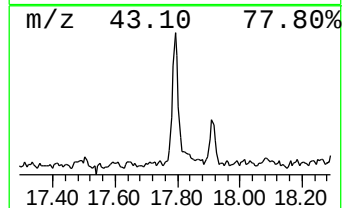
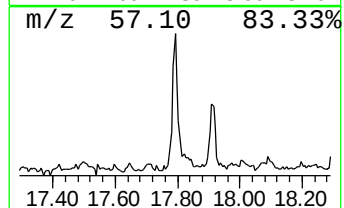
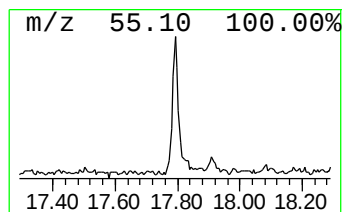
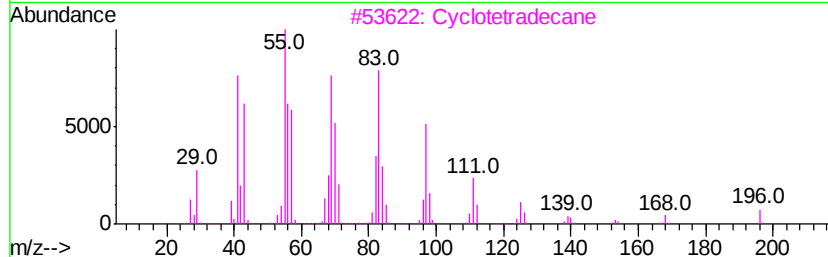
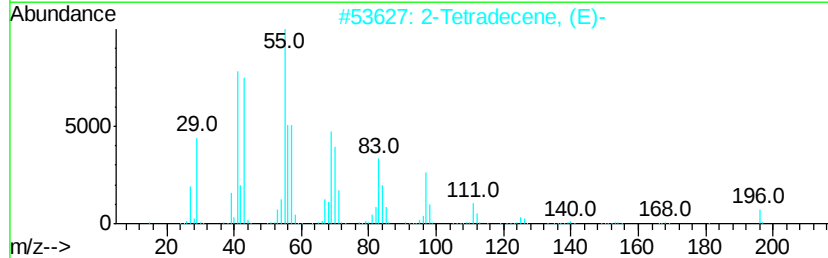
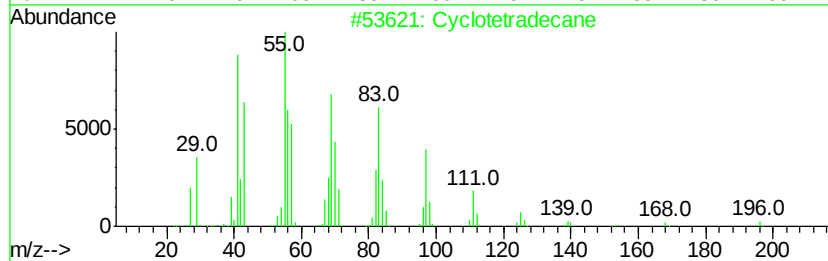
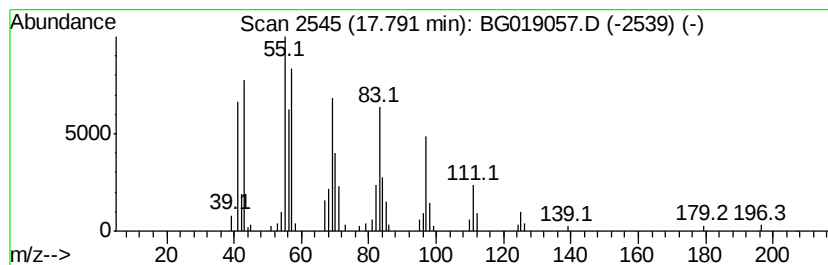
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic17.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.35 ng/ul	82730	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	96
2		2-Tetradecene, (E)-	196	C14H28	035953-53-8	93
3		Cyclotetradecane	196	C14H28	000295-17-0	91
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	91



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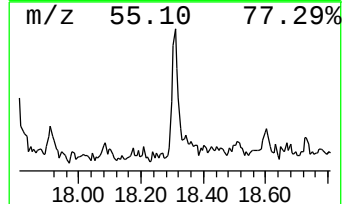
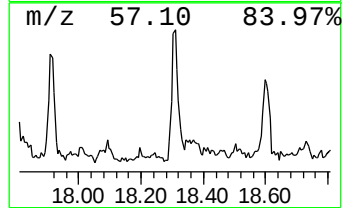
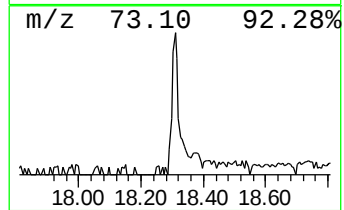
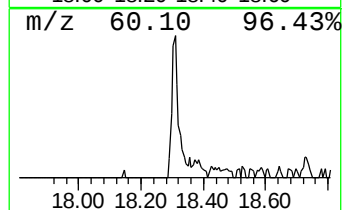
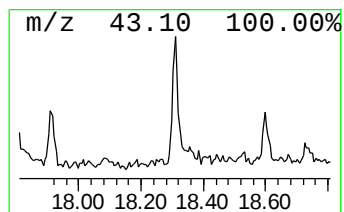
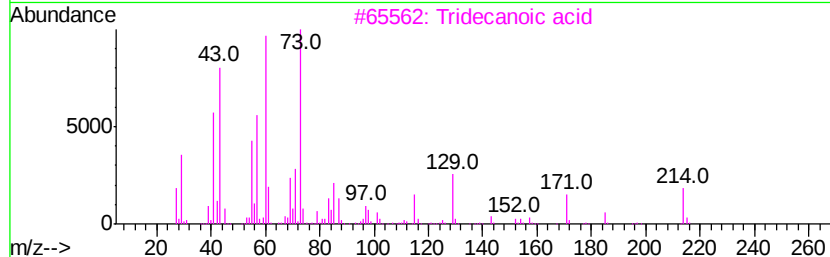
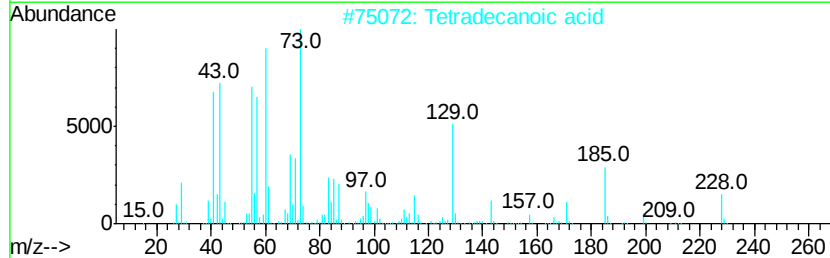
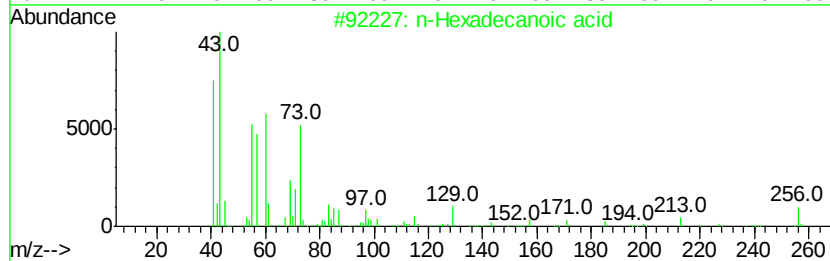
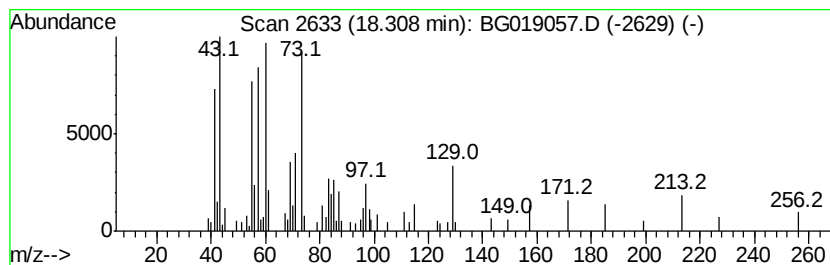
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.07 ng/ul	58337	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03G3

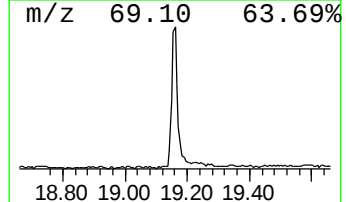
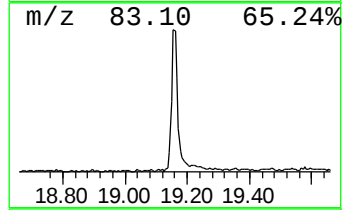
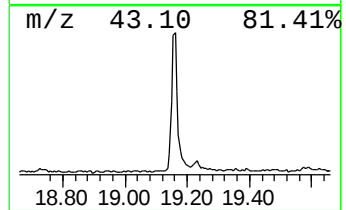
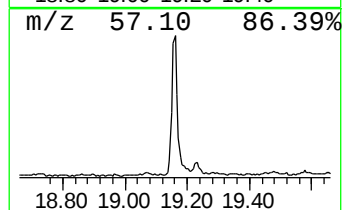
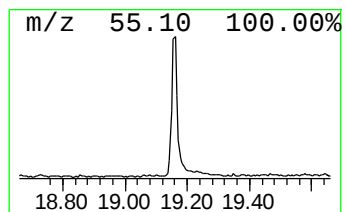
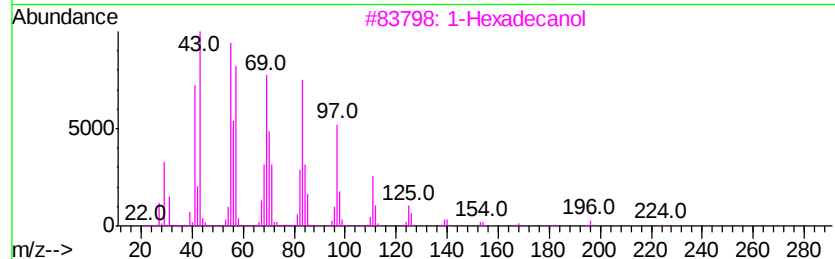
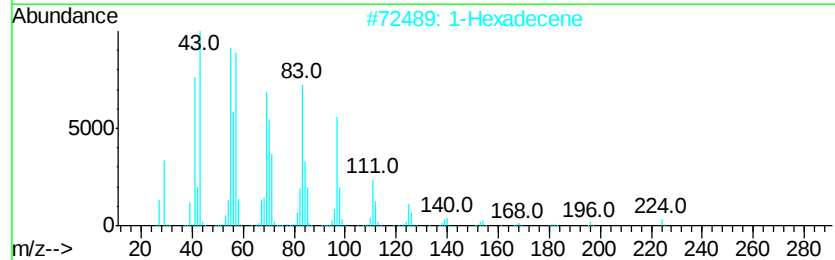
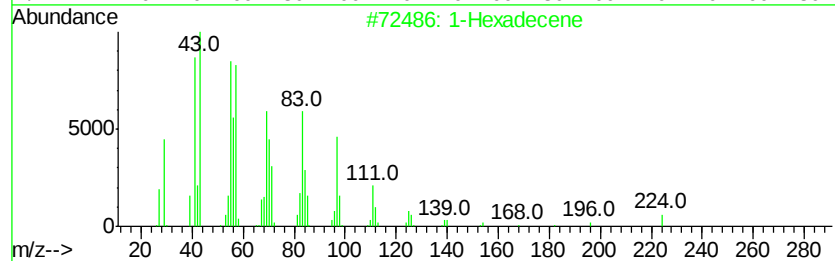
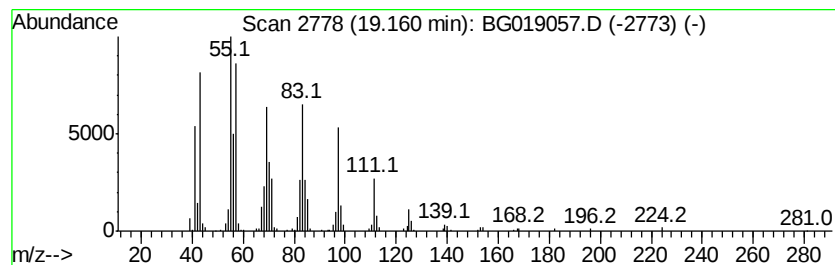
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic19.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	18.40 ng/ul	350032	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene		224	C16H32	000629-73-2	97
2	1-Hexadecene		224	C16H32	000629-73-2	96
3	1-Hexadecanol		242	C16H34O	036653-82-4	94
4	Dichloroacetic acid, 4-hexadecyl...		352	C18H34Cl2O2	1000282-98-1	93
5	Cyclohexadecane		224	C16H32	000295-65-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019057.D
Acq On : 6 Oct 2015 22:29
Operator : UM/NP
Sample : G3915-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

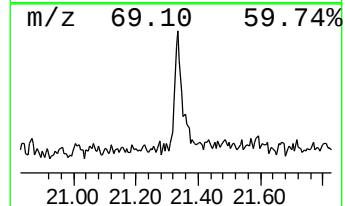
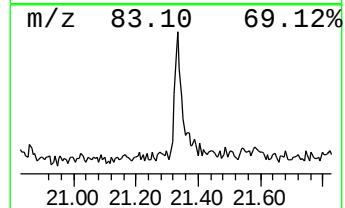
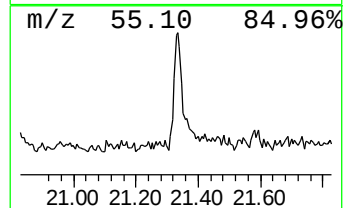
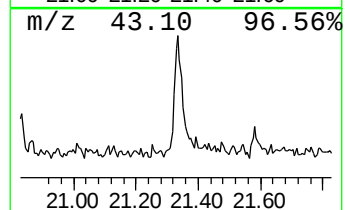
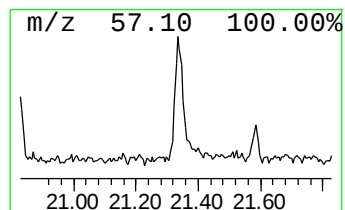
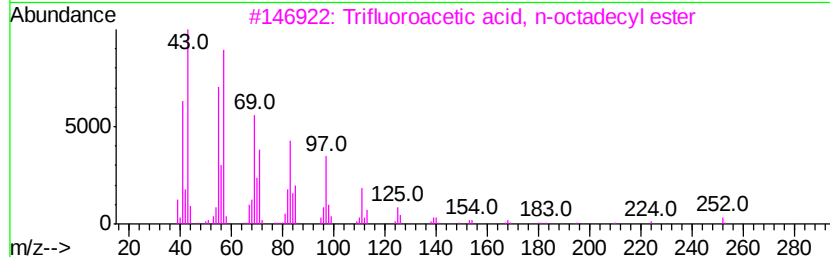
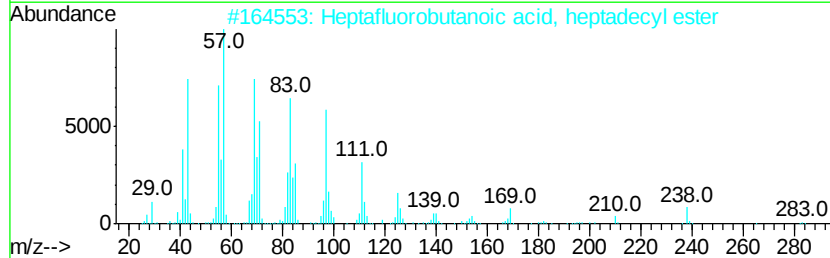
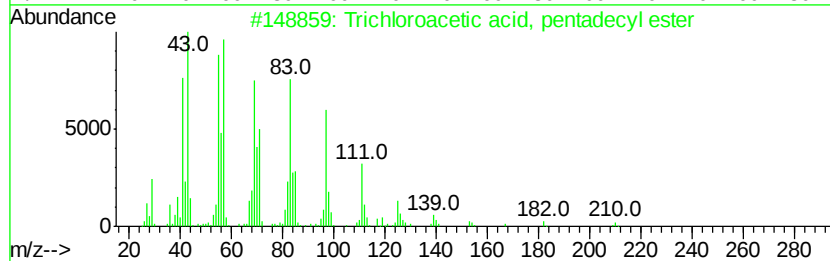
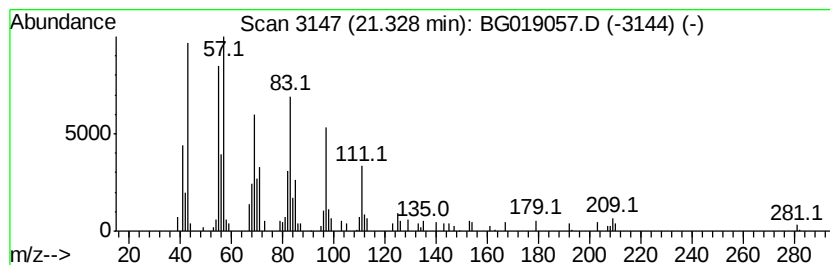
Instrument :
BNA_G
ClientSampleId :
C03G3

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 6 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.33	2.78 ng/ul	73003	Chrysene-d12	21.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3		Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
Data File : BG019057.D
Acq On : 6 Oct 2015 22:29
Operator : UM/NP
Sample : G3915-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03G3

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	20.4	ng/ul	111731	1	8.04	109401	20.0
(DEL) Alkane: Cyc...	17.79	4.3	ng/ul	82730	4	17.42	380389	20.0
n-Hexadecanoic acid	18.31	3.1	ng/ul	58337	4	17.42	380389	20.0
(DEL) Alkane: Cyc...	19.16	18.4	ng/ul	350032	4	17.42	380389	20.0
Trichloroacetic a...	21.33	2.8	ng/ul	73003	5	21.69	525908	20.0