

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021366.D
 Acq On : 8 Mar 2016 14:33
 Operator : UM/SJ
 Sample : H1655-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-DS-A70

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-BG030316.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	2.899	7	10	22	rVB3	10078	22830	5.78%	0.538%
2	3.534	114	118	122	rVB3	2817	3874	0.98%	0.091%
3	3.822	165	167	171	rBV2	635	812	0.21%	0.019%
4	4.151	220	223	225	rBV3	514	551	0.14%	0.013%
5	4.574	293	295	299	rBV	467	618	0.16%	0.015%
6	4.956	358	360	364	rVB2	620	614	0.16%	0.014%
7	5.067	377	379	382	rBV2	606	683	0.17%	0.016%
8	5.226	403	406	408	rVB	547	634	0.16%	0.015%
9	5.255	408	411	413	rBV2	592	805	0.20%	0.019%
10	6.189	566	570	572	rBV2	919	893	0.23%	0.021%
11	6.383	600	603	607	rVB2	405	599	0.15%	0.014%
12	7.053	714	717	719	rVB	587	535	0.14%	0.013%
13	7.271	747	754	762	rBV	65838	112299	28.43%	2.644%
14	7.323	762	763	768	rVB	560	692	0.18%	0.016%
15	7.447	778	784	792	rBB	47280	78004	19.75%	1.837%
16	7.652	813	819	826	rBV	64737	104966	26.58%	2.471%
17	7.793	839	843	845	rBV	369	548	0.14%	0.013%
18	8.122	893	899	905	rBV	41115	67091	16.99%	1.580%
19	8.169	905	907	911	rVB2	976	1129	0.29%	0.027%
20	8.816	1010	1017	1028	rBV	80058	139885	35.42%	3.294%
21	9.286	1090	1097	1108	rBB	67454	115078	29.14%	2.709%
22	9.380	1108	1113	1116	rBB	586	774	0.20%	0.018%
23	9.674	1159	1163	1167	rBB	986	1449	0.37%	0.034%
24	10.008	1213	1220	1228	rBB2	58928	101185	25.62%	2.382%
25	10.543	1305	1311	1320	rBB	81971	137737	34.88%	3.243%
26	10.931	1370	1377	1385	rVB	61174	107547	27.23%	2.532%
27	11.060	1391	1399	1408	rBV	80974	142472	36.07%	3.354%
28	12.506	1640	1645	1648	rBB	942	1365	0.35%	0.032%
29	13.540	1818	1821	1824	rBB	1716	1699	0.43%	0.040%
30	13.610	1830	1833	1839	rVB3	958	1494	0.38%	0.035%
31	14.133	1916	1922	1926	rBV	148206	213635	54.09%	5.030%
32	14.174	1926	1929	1935	rVV	36085	49880	12.63%	1.174%
33	14.233	1938	1939	1942	rBB	766	623	0.16%	0.015%
34	14.427	1966	1972	1979	rBV	161833	251077	63.57%	5.911%

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Integration Parameters: LSCINT.P

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 Title : SVOA CALIBRATION

35	14.603	1998	2002	2007	rBB	9272	12103	3.06%	0.285%
36	14.732	2018	2024	2032	rBB2	92207	144346	36.55%	3.399%
37	14.915	2049	2055	2066	rBV	83900	133810	33.88%	3.150%
38	15.050	2073	2078	2083	rVB2	1653	3603	0.91%	0.085%
39	15.103	2083	2087	2091	rBB2	1425	1652	0.42%	0.039%
40	15.155	2091	2096	2099	rBV2	1164	1599	0.40%	0.038%
41	15.220	2104	2107	2111	rBV	2511	2880	0.73%	0.068%
42	15.291	2116	2119	2123	rBV	1747	1705	0.43%	0.040%
43	15.514	2153	2157	2160	rBV	845	1426	0.36%	0.034%
44	15.555	2160	2164	2169	rVB	13399	18010	4.56%	0.424%
45	15.608	2170	2173	2177	rBV3	1147	1889	0.48%	0.044%
46	15.719	2186	2192	2199	rVB	210229	314318	79.59%	7.400%
47	15.831	2206	2211	2221	rVB	72218	109612	27.75%	2.581%
48	15.954	2223	2232	2237	rVV3	4830	9785	2.48%	0.230%
49	16.001	2237	2240	2244	rVB2	1600	1872	0.47%	0.044%
50	16.048	2244	2248	2253	rBB2	1449	2325	0.59%	0.055%
51	16.107	2254	2258	2261	rBV2	1792	2954	0.75%	0.070%
52	16.172	2266	2269	2275	rVB2	2454	2726	0.69%	0.064%
53	16.236	2277	2280	2281	rBV2	672	651	0.16%	0.015%
54	16.289	2284	2289	2290	rBV2	526	647	0.16%	0.015%
55	16.413	2305	2310	2317	rBV	13165	24049	6.09%	0.566%
56	16.489	2321	2323	2327	rVB2	880	1040	0.26%	0.024%
57	16.589	2336	2340	2344	rBB2	899	1090	0.28%	0.026%
58	16.636	2344	2348	2349	rBV2	666	709	0.18%	0.017%
59	16.718	2360	2362	2365	rBV	511	720	0.18%	0.017%
60	16.754	2365	2368	2371	rBV3	1708	2500	0.63%	0.059%
61	16.812	2376	2378	2381	rVV	1521	1681	0.43%	0.040%
62	16.871	2384	2388	2392	rVB2	1388	1714	0.43%	0.040%
63	16.918	2392	2396	2399	rBV	1356	1950	0.49%	0.046%
64	16.942	2399	2400	2405	rVB	626	584	0.15%	0.014%
65	16.983	2405	2407	2410	rBV	1134	1287	0.33%	0.030%
66	17.024	2412	2414	2416	rVB	731	566	0.14%	0.013%
67	17.200	2439	2444	2450	rBV2	5852	7872	1.99%	0.185%
68	17.247	2450	2452	2457	rVV	1646	2074	0.53%	0.049%
69	17.470	2483	2490	2500	rBV	121208	175455	44.43%	4.131%
70	17.564	2500	2506	2513	rBV2	218885	342960	86.84%	8.075%
71	17.940	2567	2570	2573	rBV2	828	729	0.18%	0.017%

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72	18.034	2582	2586	2589	rBV	415	715	0.18%	0.017%
73	18.193	2611	2613	2616	rBV	608	669	0.17%	0.016%
74	18.334	2633	2637	2641	rBV	8030	10489	2.66%	0.247%
75	18.399	2646	2648	2651	rBV	632	665	0.17%	0.016%
76	18.757	2706	2709	2710	rBV2	804	589	0.15%	0.014%
77	19.480	2828	2832	2836	rVB2	1990	2741	0.69%	0.065%
78	19.527	2838	2840	2844	rVB	526	657	0.17%	0.015%
79	19.562	2844	2846	2848	rBV2	796	633	0.16%	0.015%
80	19.597	2848	2852	2855	rBV3	1689	2531	0.64%	0.060%
81	19.732	2870	2875	2880	rVB2	1647	2446	0.62%	0.058%
82	19.844	2887	2894	2903	rBV	280608	394933	100.00%	9.298%
83	19.938	2908	2910	2913	rVB	1390	1106	0.28%	0.026%
84	20.061	2929	2931	2933	rBV2	593	572	0.14%	0.013%
85	20.197	2952	2954	2955	rVB	848	589	0.15%	0.014%
86	20.291	2967	2970	2973	rBV4	1169	1628	0.41%	0.038%
87	20.414	2989	2991	2993	rVB3	801	593	0.15%	0.014%
88	20.502	3004	3006	3007	rBV2	952	913	0.23%	0.021%
89	20.543	3011	3013	3014	rBV	945	866	0.22%	0.020%
90	20.725	3040	3044	3048	rBV2	3572	4765	1.21%	0.112%
91	21.060	3099	3101	3102	rBV2	1638	1164	0.29%	0.027%
92	21.348	3146	3150	3161	rBV5	15727	36060	9.13%	0.849%
93	21.730	3209	3215	3223	rVB	123444	196945	49.87%	4.637%
94	23.399	3494	3499	3507	rVB	17370	31259	7.92%	0.736%
95	24.756	3720	3730	3744	rVB2	134412	360463	91.27%	8.487%
96	24.979	3758	3768	3781	rBV2	63886	192775	48.81%	4.539%
97	30.061	4631	4633	4636	rBV3	1925	1550	0.39%	0.036%

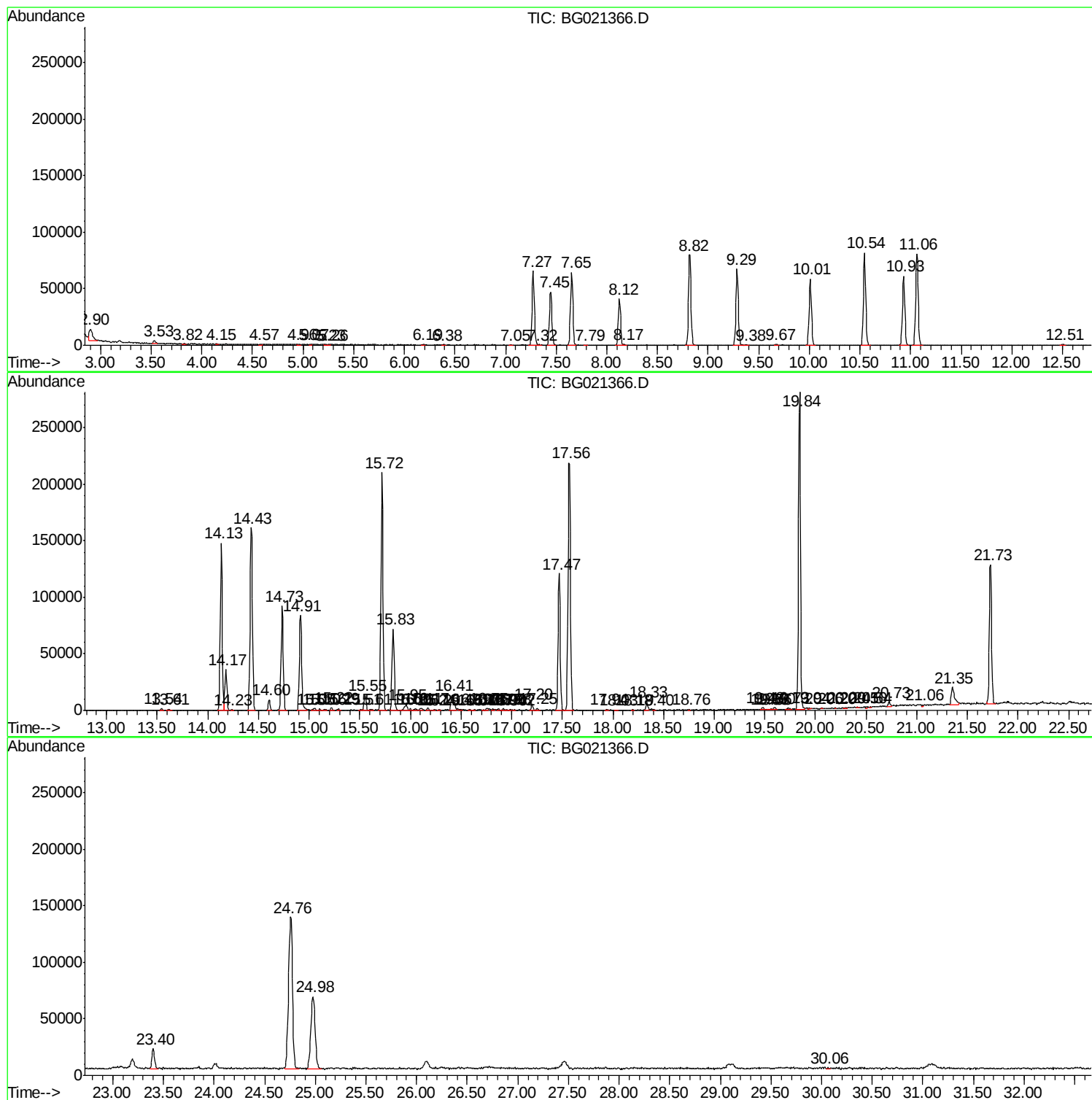
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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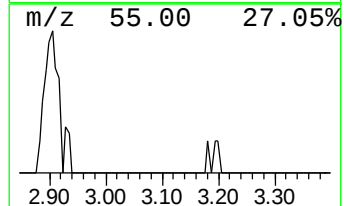
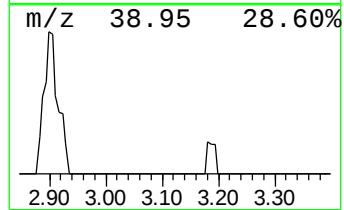
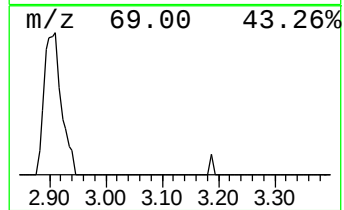
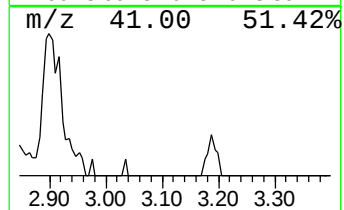
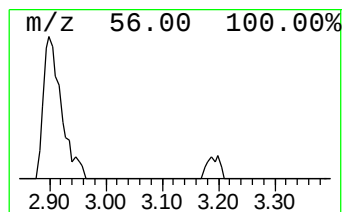
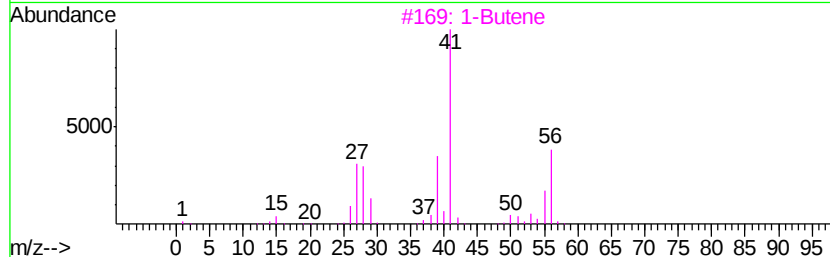
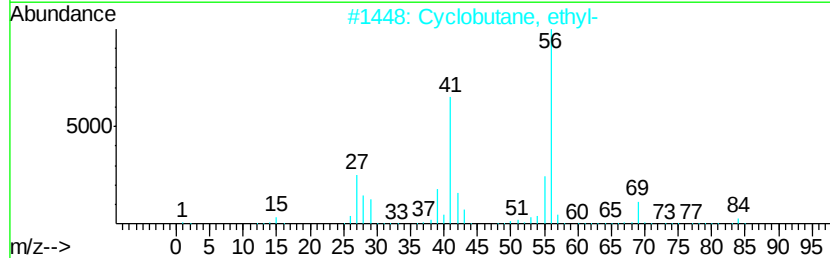
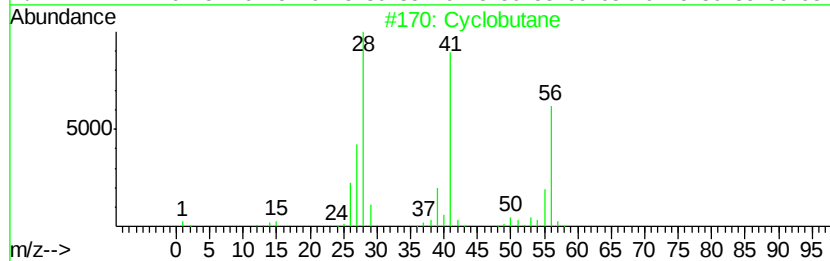
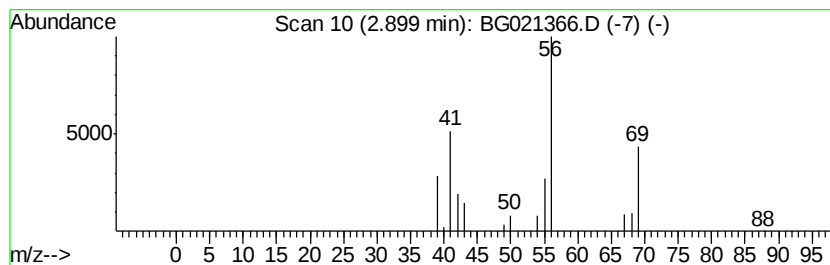
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	6.81 ng/ul	22830	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane	56	C4H8	000287-23-0	40
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	9
3			1-Butene	56	C4H8	000106-98-9	7
4			1-Propene, 2-methyl-	56	C4H8	000115-11-7	7
5			Cyclobutane	56	C4H8	000287-23-0	5



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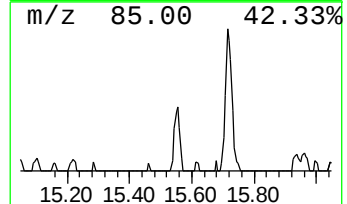
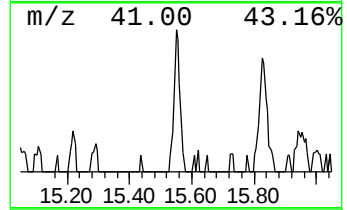
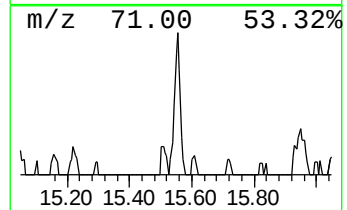
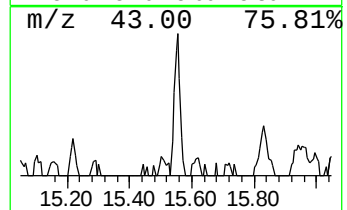
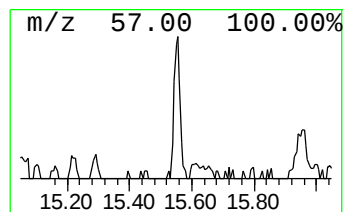
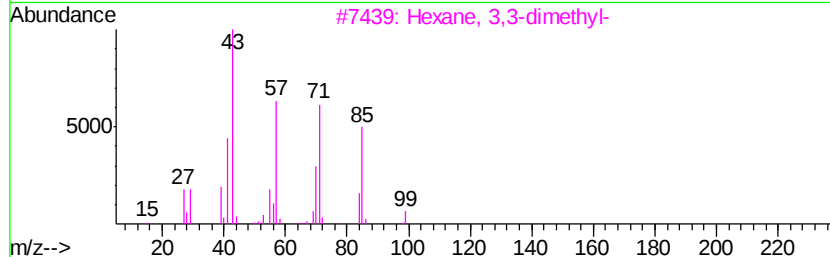
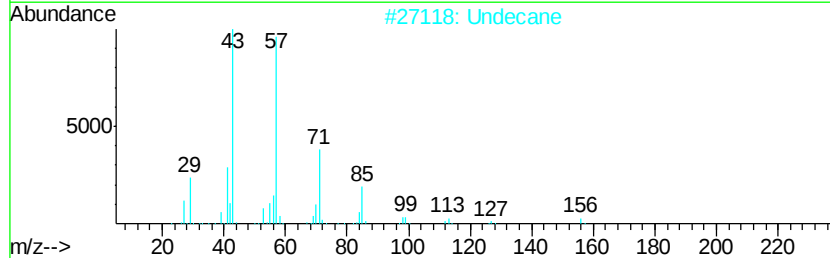
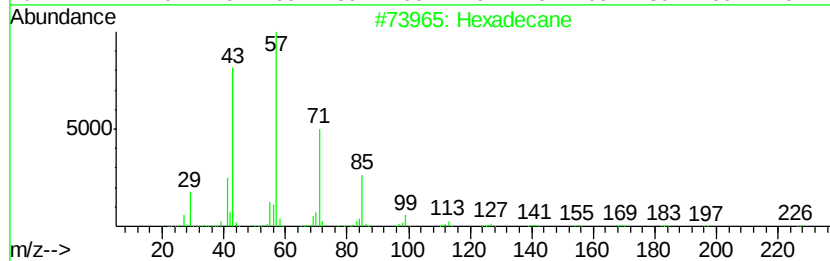
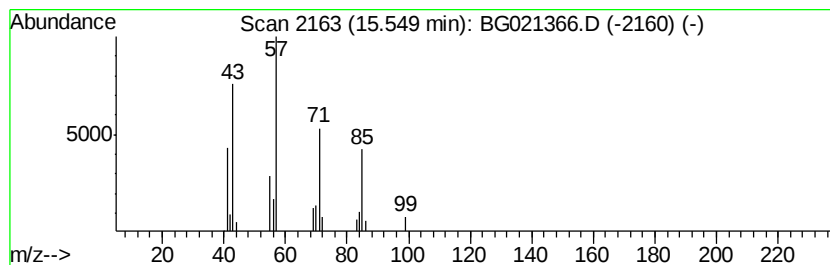
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.50 ng/ul	18010	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Undecane	156	C11H24	001120-21-4	64
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4		Tridecane	184	C13H28	000629-50-5	56
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	56



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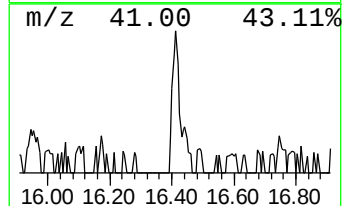
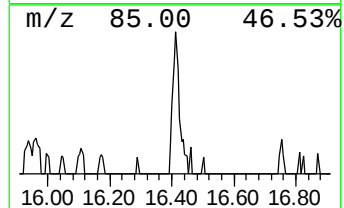
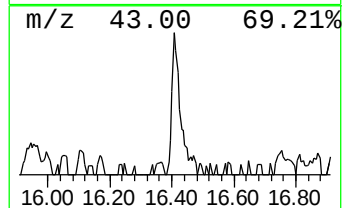
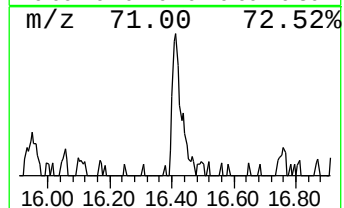
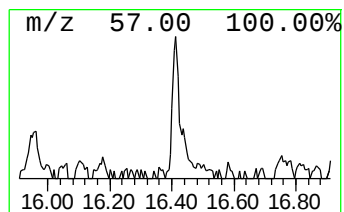
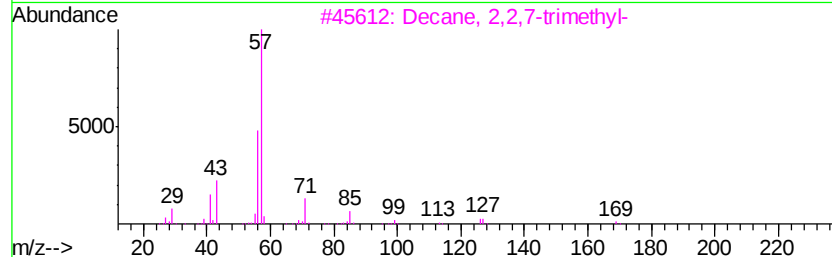
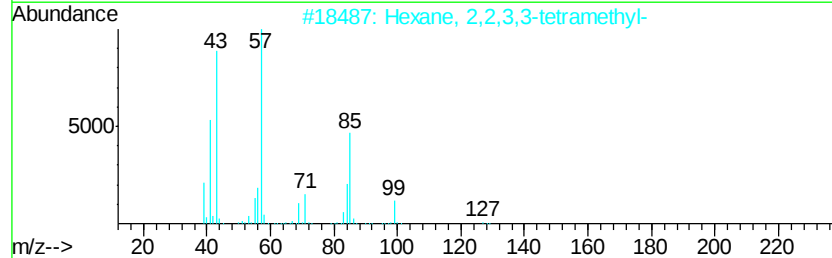
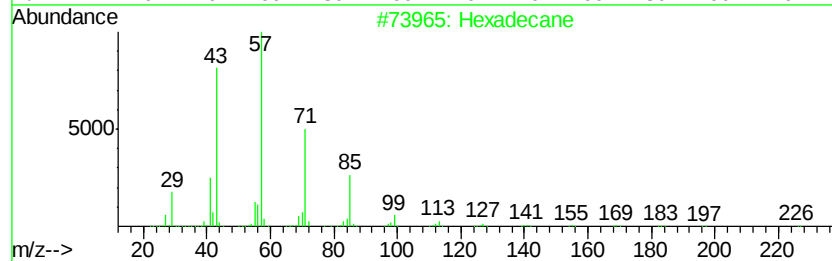
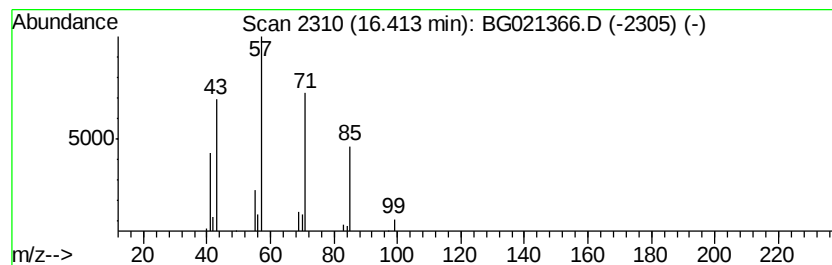
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.74 ng/ul	24049	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
3		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	45
4		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	45
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	45



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MS-DS-A70

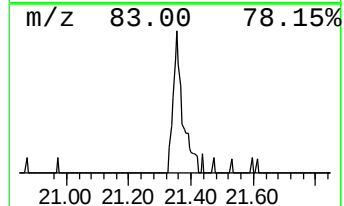
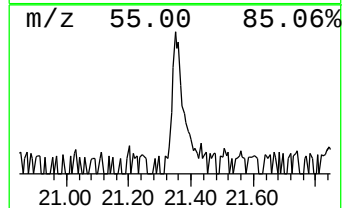
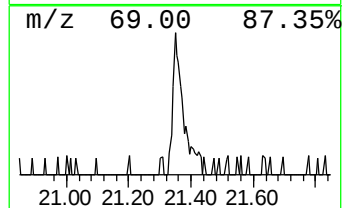
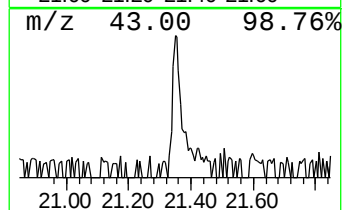
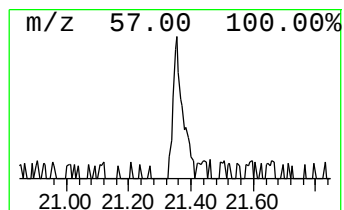
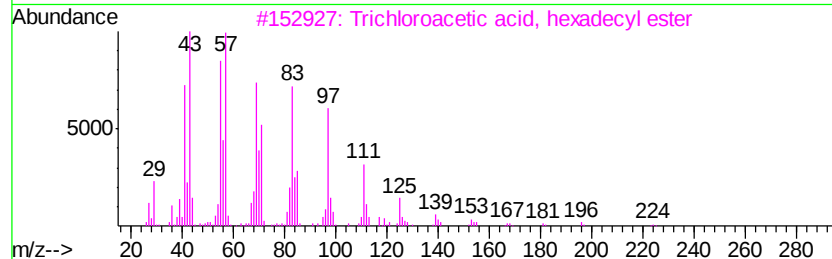
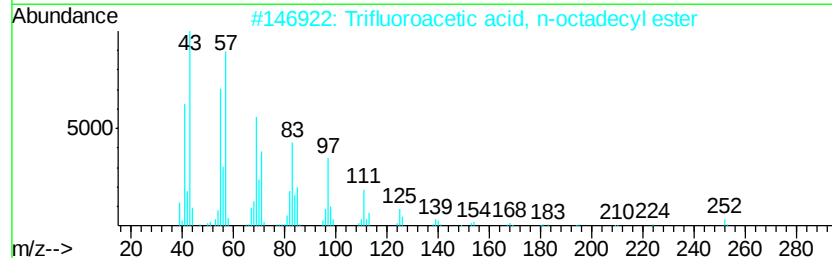
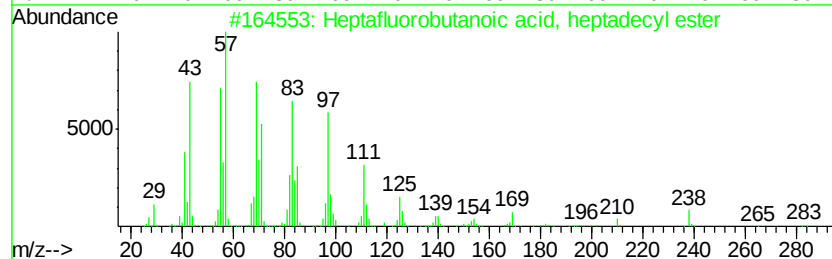
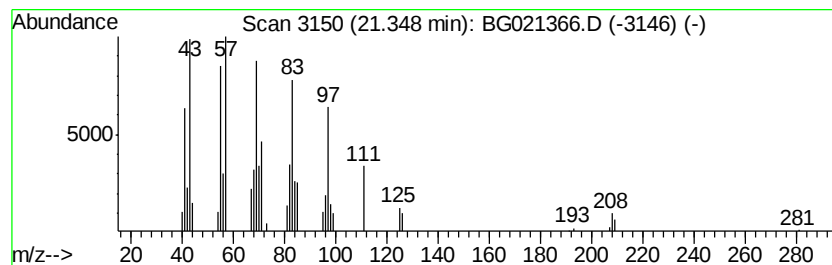
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.66 ng/ul	36060	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021366.D
Acq On : 8 Mar 2016 14:33
Operator : UM/SJ
Sample : H1655-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-A70

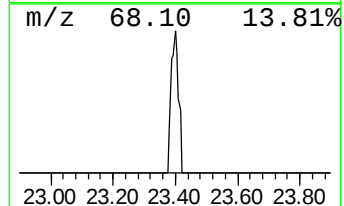
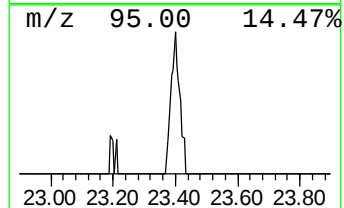
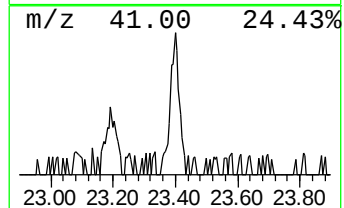
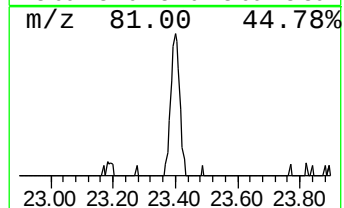
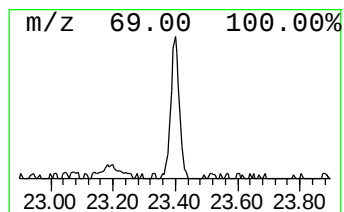
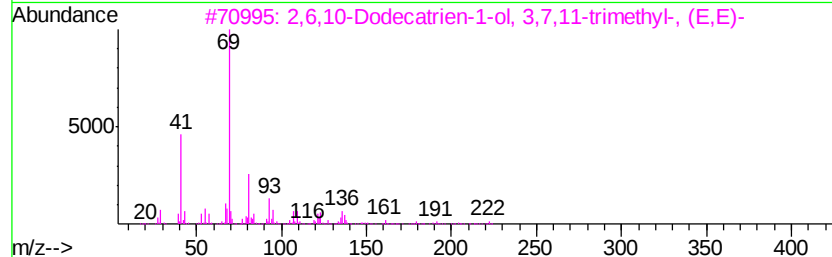
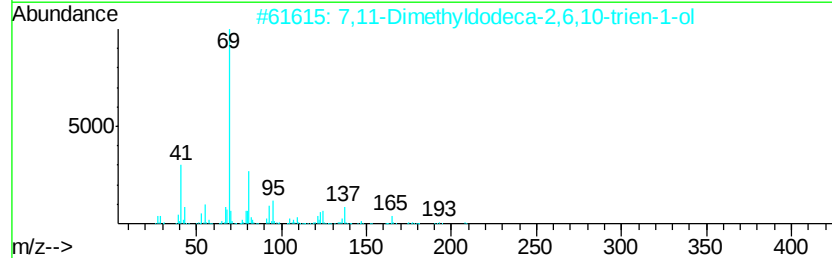
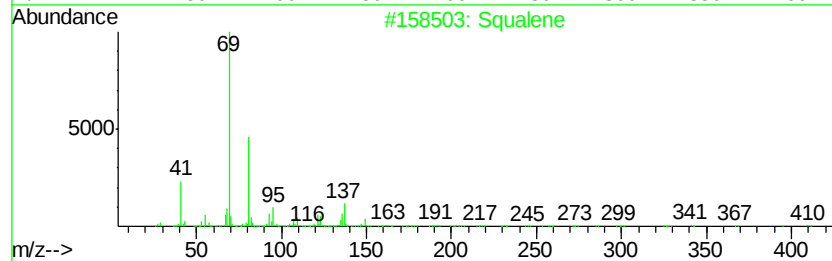
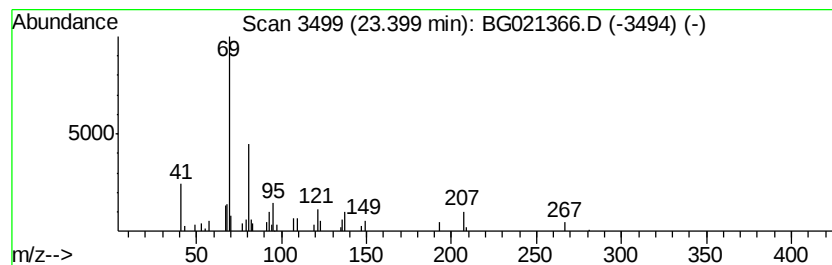
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	3.24 ng/ul	31259	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	72
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	50
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	50
5		1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021366.D
Acq On : 8 Mar 2016 14:33
Operator : UM/SJ
Sample : H1655-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-A70

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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: Cyc...	2.90	6.8	ng/ul	22830	1	8.12	67091	20.0
(DEL) Alkane: Str...	15.55	2.5	ng/ul	18010	3	14.73	144346	20.0
(DEL) Alkane: Str...	16.41	2.7	ng/ul	24049	4	17.47	175455	20.0
Heptafluorobutano...	21.35	3.7	ng/ul	36060	5	21.73	196945	20.0
Squalene	23.40	3.2	ng/ul	31259	6	24.98	192775	20.0