

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020688.D
 Acq On : 12 Jan 2016 21:46
 Operator : SJ/IZ
 Sample : H1094-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC973

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-BG011216.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	3.049	32	36	46	rBV	21843	39400	5.99%	0.673%
2	3.132	46	50	58	rVB	18952	25906	3.94%	0.443%
3	3.402	93	96	104	rVB3	2982	4381	0.67%	0.075%
4	4.894	348	350	355	rBV3	663	1001	0.15%	0.017%
5	5.041	370	375	379	rVB3	638	917	0.14%	0.016%
6	5.123	385	389	390	rBV	1213	1278	0.19%	0.022%
7	5.999	535	538	541	rVB2	682	925	0.14%	0.016%
8	6.040	541	545	547	rBV2	659	1165	0.18%	0.020%
9	7.203	736	743	756	rBV	55521	98693	15.00%	1.687%
10	7.362	762	770	779	rBV	46863	78021	11.86%	1.333%
11	7.573	800	806	815	rBV	57647	98559	14.98%	1.684%
12	8.043	880	886	896	rBV	45232	76801	11.67%	1.313%
13	8.754	1001	1007	1016	rBV	75594	132827	20.19%	2.270%
14	9.213	1076	1085	1097	rBV	55517	103265	15.69%	1.765%
15	9.595	1147	1150	1154	rVB	1098	1358	0.21%	0.023%
16	9.941	1202	1209	1218	rBB	49647	90778	13.80%	1.551%
17	10.482	1295	1301	1313	rBV	74538	136661	20.77%	2.335%
18	10.864	1359	1366	1374	rBV	66076	119295	18.13%	2.039%
19	10.999	1383	1389	1400	rBV	67671	127332	19.35%	2.176%
20	12.450	1633	1636	1640	rBB	935	1213	0.18%	0.021%
21	13.490	1809	1813	1816	rBB2	1473	1749	0.27%	0.030%
22	14.083	1908	1914	1918	rBV	195080	280060	42.56%	4.786%
23	14.125	1918	1921	1929	rVB	42936	63875	9.71%	1.092%
24	14.377	1958	1964	1972	rBV	202457	302238	45.93%	5.165%
25	14.559	1990	1995	1999	rVB	8627	10770	1.64%	0.184%
26	14.683	2009	2016	2024	rVB2	125228	199622	30.34%	3.411%
27	14.894	2047	2052	2066	rBV2	42575	91496	13.90%	1.564%
28	15.006	2066	2071	2075	rVV5	3175	8193	1.25%	0.140%
29	15.047	2077	2078	2083	rVV3	2876	3848	0.58%	0.066%
30	15.112	2087	2089	2092	rVV	2015	2193	0.33%	0.037%
31	15.170	2096	2099	2105	rVV3	2899	4777	0.73%	0.082%
32	15.241	2107	2111	2114	rVB2	2015	2424	0.37%	0.041%
33	15.405	2135	2139	2141	rBV2	685	1026	0.16%	0.018%
34	15.464	2141	2149	2152	rVV3	1014	2243	0.34%	0.038%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020688.D
 Acq On : 12 Jan 2016 21:46
 Operator : SJ/IZ
 Sample : H1094-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC973

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-BG011216.M
 Title : SVOA CALIBRATION

35	15.505	2152	2156	2160	rVV	14816	18721	2.85%	0.320%
36	15.558	2163	2165	2169	rVB2	1532	1728	0.26%	0.030%
37	15.676	2178	2185	2194	rBV	278324	427889	65.03%	7.312%
38	15.799	2201	2206	2217	rVV	65650	101515	15.43%	1.735%
39	15.911	2219	2225	2230	rVV5	6350	12447	1.89%	0.213%
40	15.946	2230	2231	2235	rVV2	1406	1256	0.19%	0.021%
41	16.005	2237	2241	2246	rBV3	2303	3406	0.52%	0.058%
42	16.058	2246	2250	2255	rBV4	2266	3158	0.48%	0.054%
43	16.128	2259	2262	2265	rVV2	2611	2883	0.44%	0.049%
44	16.175	2268	2270	2273	rBV2	778	1063	0.16%	0.018%
45	16.240	2280	2281	2285	rBV	899	971	0.15%	0.017%
46	16.322	2290	2295	2298	rBV4	754	1253	0.19%	0.021%
47	16.363	2298	2302	2311	rBV	16452	29931	4.55%	0.512%
48	16.645	2345	2350	2353	rVB2	1060	1833	0.28%	0.031%
49	16.716	2357	2362	2364	rVV3	2628	4995	0.76%	0.085%
50	16.768	2368	2371	2375	rVV2	1949	2507	0.38%	0.043%
51	16.827	2377	2381	2383	rVB3	1581	1394	0.21%	0.024%
52	16.874	2386	2389	2395	rBV2	1726	2409	0.37%	0.041%
53	16.939	2397	2400	2404	rBV2	1302	1382	0.21%	0.024%
54	17.156	2433	2437	2442	rBV	8337	10899	1.66%	0.186%
55	17.209	2442	2446	2451	rVV4	2667	4280	0.65%	0.073%
56	17.427	2477	2483	2491	rBV2	182432	279164	42.42%	4.771%
57	17.532	2494	2501	2512	rVB	334756	512922	77.95%	8.766%
58	17.897	2561	2563	2566	rBV	1645	1244	0.19%	0.021%
59	18.308	2629	2633	2636	rBV2	1870	2140	0.33%	0.037%
60	18.372	2641	2644	2649	rVB2	554	963	0.15%	0.016%
61	19.454	2824	2828	2832	rBV2	3409	4977	0.76%	0.085%
62	19.706	2868	2871	2875	rBV	2764	3307	0.50%	0.057%
63	19.818	2883	2890	2897	rBV	452777	658022	100.00%	11.245%
64	20.118	2939	2941	2943	rBV2	903	957	0.15%	0.016%
65	20.294	2969	2971	2973	rVB3	1338	956	0.15%	0.016%
66	20.317	2973	2975	2979	rBV2	1122	1299	0.20%	0.022%
67	20.435	2993	2995	3000	rVB3	1049	1095	0.17%	0.019%
68	20.640	3025	3030	3032	rVB4	1131	1453	0.22%	0.025%
69	20.676	3032	3036	3038	rBV4	938	1257	0.19%	0.021%
70	20.711	3038	3042	3046	rVV4	3244	4599	0.70%	0.079%
71	20.811	3056	3059	3062	rBV4	1908	2617	0.40%	0.045%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020688.D
 Acq On : 12 Jan 2016 21:46
 Operator : SJ/IZ
 Sample : H1094-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC973

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-BG011216.M
 Title : SVOA CALIBRATION

72	21.316	3140	3145	3157	rBV	50590	81360	12.36%	1.390%
73	21.704	3204	3211	3220	rBV	221373	363396	55.23%	6.210%
74	21.868	3235	3239	3244	rVB5	3182	5157	0.78%	0.088%
75	22.321	3314	3316	3318	rBV2	1262	1246	0.19%	0.021%
76	22.479	3337	3343	3351	rVB6	4290	11689	1.78%	0.200%
77	22.967	3424	3426	3427	rBV2	1597	1585	0.24%	0.027%
78	23.161	3454	3459	3465	rVB5	7768	14037	2.13%	0.240%
79	23.355	3486	3492	3498	rBV2	31322	56777	8.63%	0.970%
80	23.966	3591	3596	3601	rVB3	8669	15989	2.43%	0.273%
81	24.471	3680	3682	3684	rBV3	1870	1065	0.16%	0.018%
82	24.495	3684	3686	3689	rBV2	1308	1368	0.21%	0.023%
83	24.730	3716	3726	3740	rBV	232917	641090	97.43%	10.956%
84	24.953	3751	3764	3776	rVB2	123494	361198	54.89%	6.173%
85	25.870	3918	3920	3923	rBV4	1259	1472	0.22%	0.025%
86	26.046	3943	3950	3957	rVB4	9721	26497	4.03%	0.453%
87	27.015	4113	4115	4119	rBV2	1425	1436	0.22%	0.025%
88	27.385	4173	4178	4191	rVB6	8347	27399	4.16%	0.468%
89	29.935	4610	4612	4614	rBV3	1329	1224	0.19%	0.021%
90	30.987	4782	4791	4792	rBV8	4073	9382	1.43%	0.160%
91	31.334	4848	4850	4851	rBV	1453	929	0.14%	0.016%

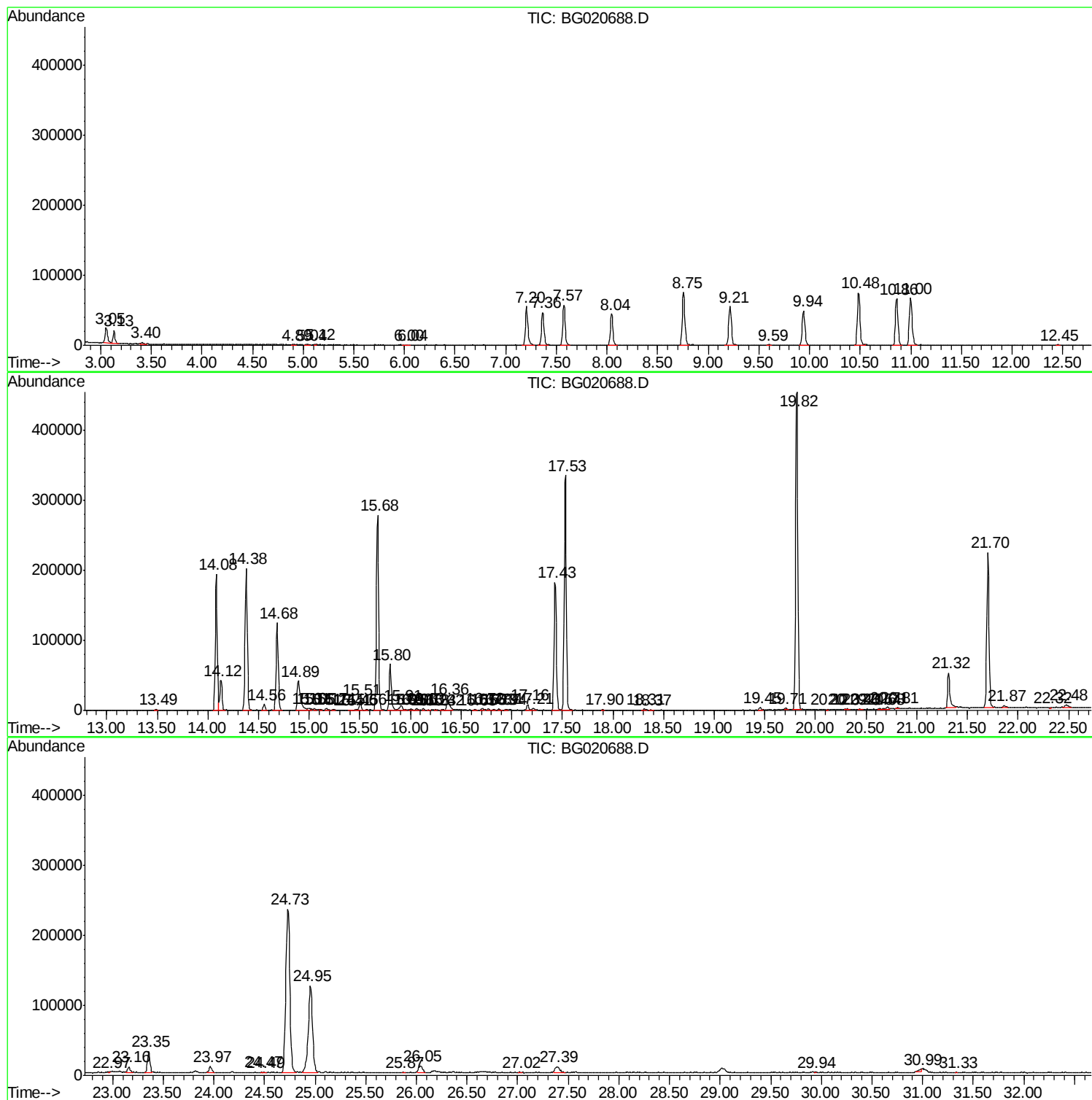
Sum of corrected areas: 5851478

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

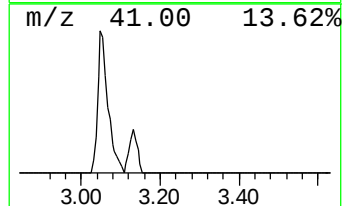
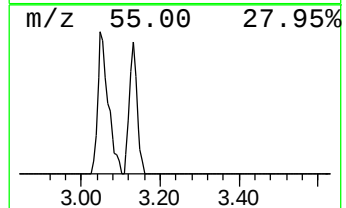
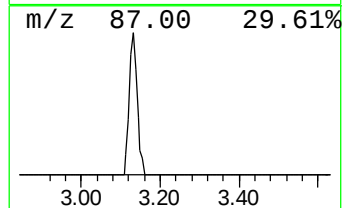
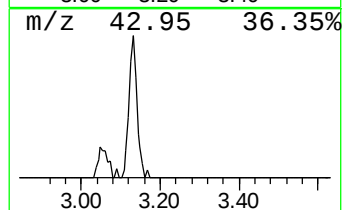
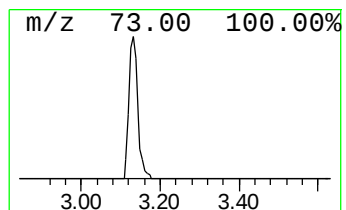
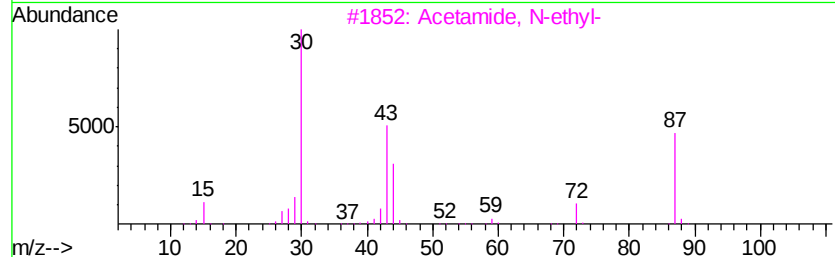
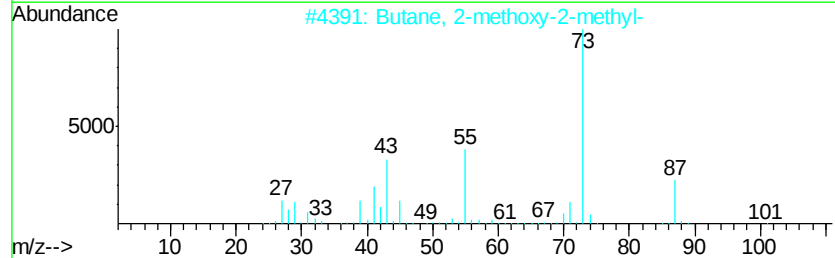
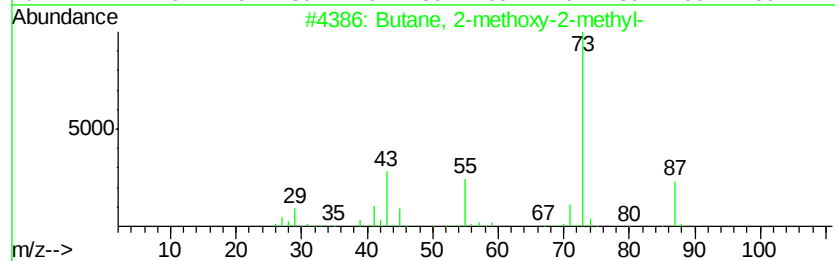
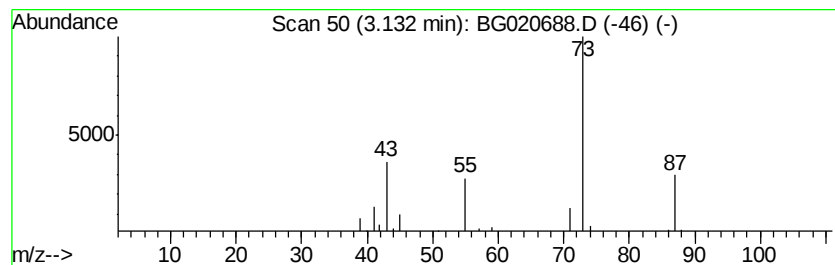
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	6.75 ng/ul	25906	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

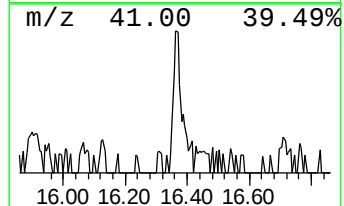
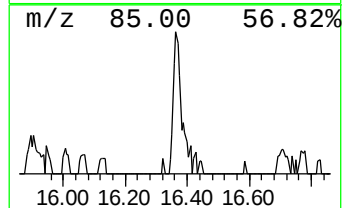
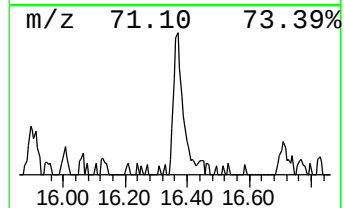
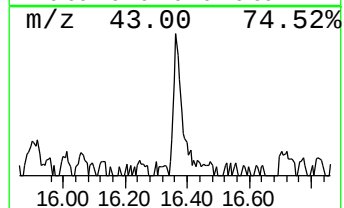
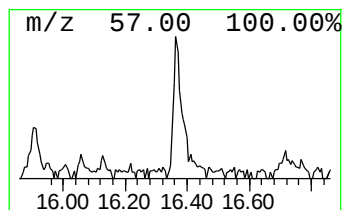
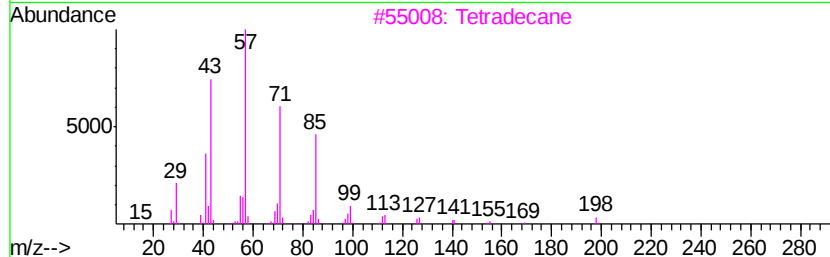
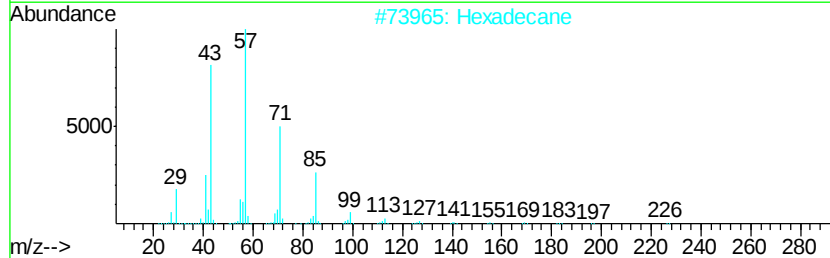
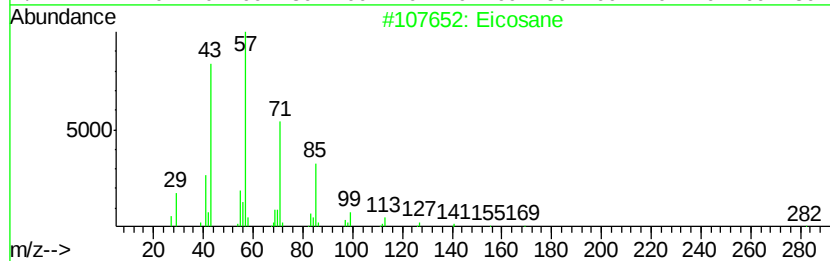
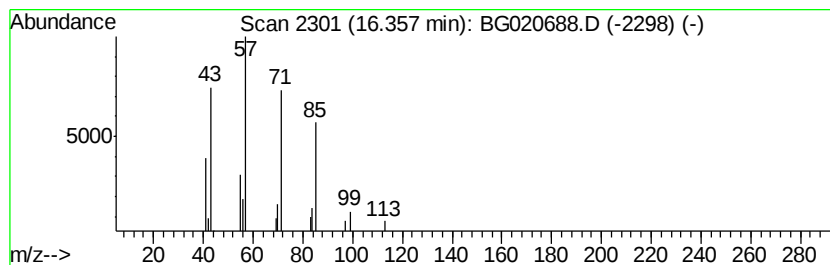
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.14 ng/ul	29931	Phenanthrene-d10	17.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	72
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

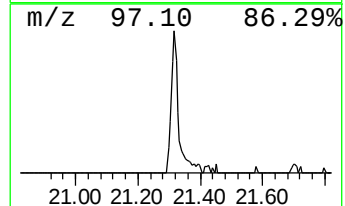
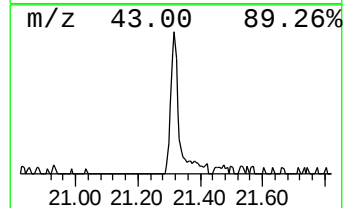
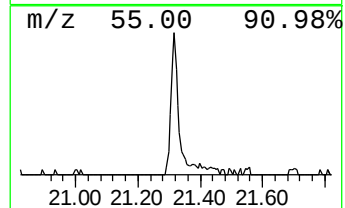
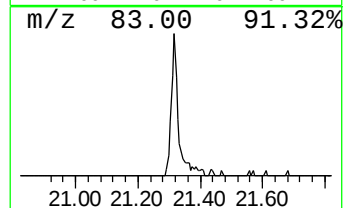
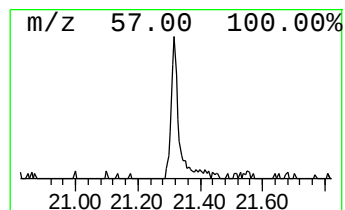
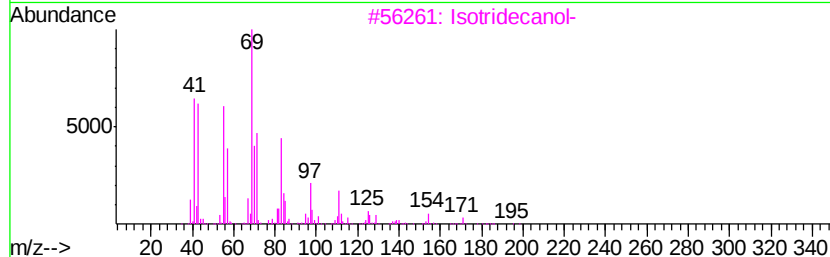
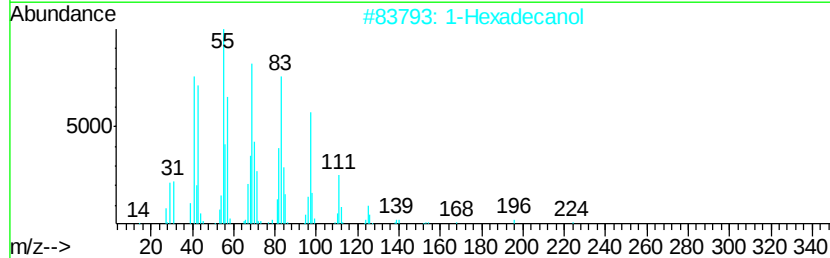
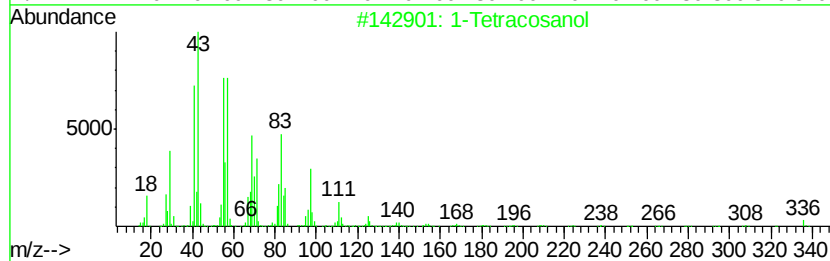
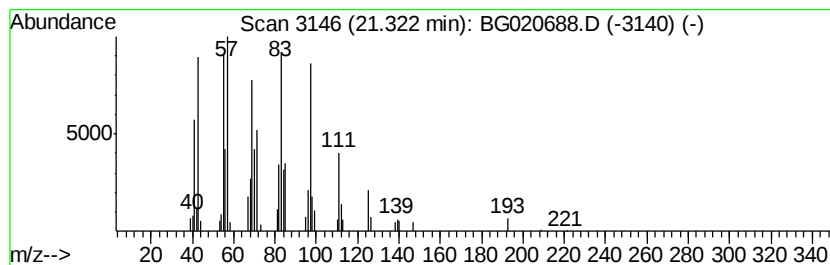
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Tetracosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.48 ng/ul	81360	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tetracosanol	354	C24H50O	000506-51-4	83
2		1-Hexadecanol	242	C16H34O	036653-82-4	83
3		Isotridecanol-	200	C13H28O	027458-92-0	72
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	64
5		1-Undecene, 7-methyl-	168	C12H24	074630-42-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

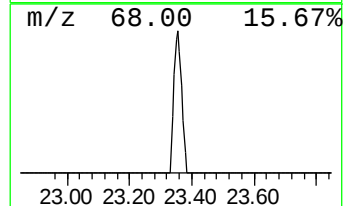
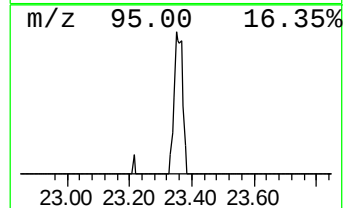
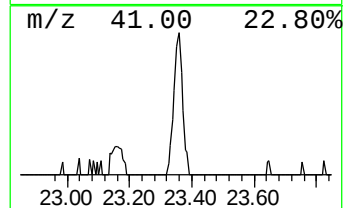
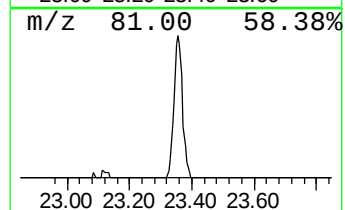
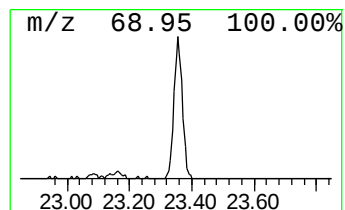
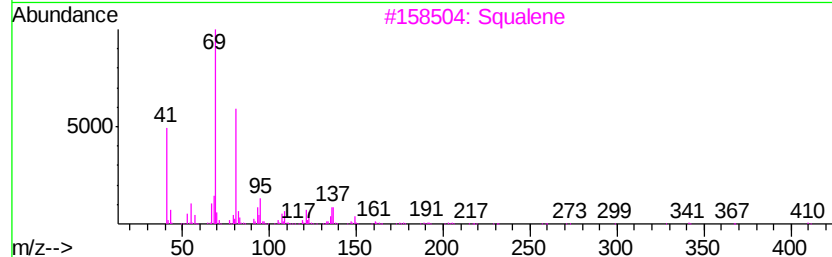
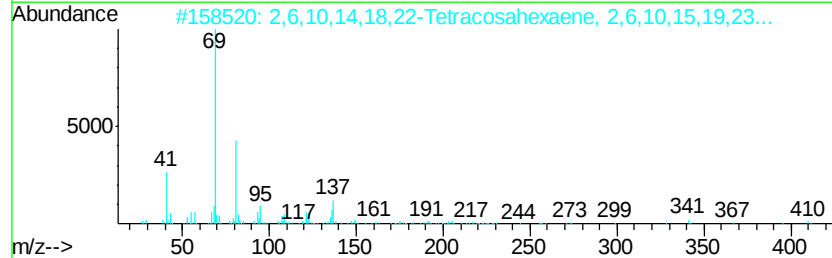
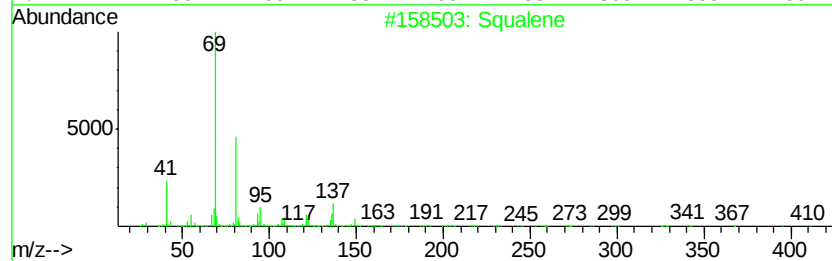
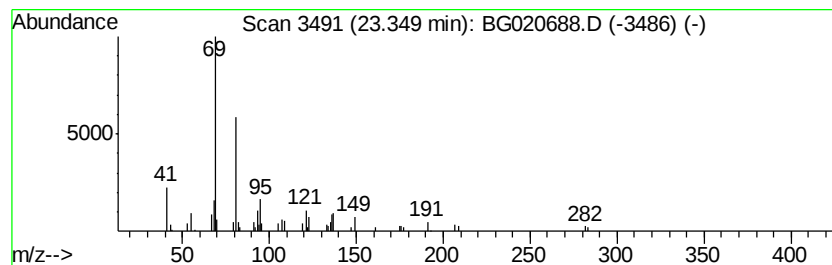
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	3.14 ng/ul	56777	Perylene-d12	24.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	007683-64-9	90
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020688.D
Acq On : 12 Jan 2016 21:46
Operator : SJ/IZ
Sample : H1094-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC973

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.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...	3.13	6.8	ng/ul	25906	1	8.04	76801	20.0
(DEL) Alkane: Str...	16.36	2.1	ng/ul	29931	4	17.43	279164	20.0
1-Tetracosanol	21.32	4.5	ng/ul	81360	5	21.70	363396	20.0
Squalene	23.35	3.1	ng/ul	56777	6	24.95	361198	20.0