

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023500.D
 Acq On : 5 Aug 2016 23:08
 Operator : UM/SJ
 Sample : H4209-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJM6

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-BG080416.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	3.766	155	158	168	rVB	57731	107887	2.06%	0.194%
2	4.107	215	216	221	rVB4	11548	14479	0.28%	0.026%
3	5.182	395	399	407	rVB	83473	142370	2.72%	0.256%
4	7.267	747	754	764	rBV	587793	1109785	21.22%	1.995%
5	7.432	774	782	790	rVB	506612	850795	16.27%	1.530%
6	7.643	812	818	827	rBV	596594	1026225	19.62%	1.845%
7	7.890	858	860	862	rBV3	7207	7039	0.13%	0.013%
8	8.119	891	899	908	rBV	453088	790417	15.11%	1.421%
9	8.830	1013	1020	1029	rBV2	796620	1426552	27.28%	2.565%
10	9.294	1092	1099	1108	rBV	630623	1135448	21.71%	2.041%
11	9.682	1161	1165	1168	rBV6	9384	13852	0.26%	0.025%
12	9.752	1173	1177	1179	rBV5	7037	8113	0.16%	0.015%
13	9.770	1179	1180	1184	rBV4	5621	6958	0.13%	0.013%
14	10.022	1215	1223	1233	rBV	559877	990420	18.94%	1.781%
15	10.569	1308	1316	1330	rBV	804493	1507080	28.82%	2.710%
16	10.951	1373	1381	1390	rBV	674835	1258671	24.07%	2.263%
17	11.086	1396	1404	1414	rBV	697785	1339708	25.62%	2.409%
18	12.419	1627	1631	1632	rBV4	7247	8299	0.16%	0.015%
19	12.537	1647	1651	1657	rBV3	19172	27845	0.53%	0.050%
20	12.619	1662	1665	1668	rVB3	9334	10896	0.21%	0.020%
21	12.877	1706	1709	1713	rBV2	6323	6977	0.13%	0.013%
22	13.136	1750	1753	1757	rBV6	10618	13730	0.26%	0.025%
23	13.365	1789	1792	1795	rBV4	8943	10430	0.20%	0.019%
24	13.641	1836	1839	1841	rBV4	14611	16448	0.31%	0.030%
25	13.706	1845	1850	1858	rVB6	42115	77163	1.48%	0.139%
26	13.870	1875	1878	1881	rBV4	4867	7158	0.14%	0.013%
27	14.176	1921	1930	1934	rBV	1773540	2627226	50.23%	4.724%
28	14.223	1934	1938	1947	rVB	1347831	1936633	37.03%	3.482%
29	14.475	1974	1981	1988	rBV	1885538	2921340	55.86%	5.252%
30	14.651	2006	2011	2015	rVB5	17582	30337	0.58%	0.055%
31	14.781	2025	2033	2040	rBV2	1278667	2080835	39.79%	3.741%
32	14.992	2062	2069	2084	rBV	554105	1262693	24.14%	2.270%
33	15.556	2162	2165	2169	rVB	15967	18481	0.35%	0.033%
34	15.603	2169	2173	2177	rVB3	43227	59415	1.14%	0.107%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023500.D
 Acq On : 5 Aug 2016 23:08
 Operator : UM/SJ
 Sample : H4209-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJM6

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-BG080416.M
 Title : SVOA CALIBRATION

35	15.773	2195	2202	2211	rBV	2566970	4068062	77.78%	7.314%
36	15.897	2216	2223	2233	rBV	956138	1471404	28.13%	2.645%
37	16.014	2239	2243	2247	rVB5	45083	69849	1.34%	0.126%
38	16.226	2274	2279	2284	rBV8	27807	46206	0.88%	0.083%
39	16.473	2316	2321	2328	rBV	68341	133931	2.56%	0.241%
40	16.737	2361	2366	2369	rBV7	11849	21294	0.41%	0.038%
41	16.807	2375	2378	2379	rBV3	15582	13250	0.25%	0.024%
42	16.866	2386	2388	2393	rVB5	12810	15769	0.30%	0.028%
43	16.931	2393	2399	2402	rBV8	20701	34810	0.67%	0.063%
44	17.189	2441	2443	2446	rBV3	8393	11969	0.23%	0.022%
45	17.266	2452	2456	2460	rBV	77941	96363	1.84%	0.173%
46	17.318	2463	2465	2471	rVB7	32328	38794	0.74%	0.070%
47	17.407	2476	2480	2482	rBV5	11976	21980	0.42%	0.040%
48	17.542	2496	2503	2511	rBV	1853633	2833122	54.17%	5.094%
49	17.642	2513	2520	2532	rVB	2958717	4564165	87.27%	8.206%
50	17.806	2546	2548	2552	rVB5	10581	9084	0.17%	0.016%
51	18.012	2579	2583	2586	rVB2	66340	82361	1.57%	0.148%
52	18.411	2647	2651	2659	rBV2	264376	396819	7.59%	0.713%
53	18.910	2733	2736	2742	rVB7	26827	41297	0.79%	0.074%
54	19.327	2803	2807	2811	rVB2	102924	113610	2.17%	0.204%
55	19.539	2840	2843	2844	rBV2	25334	27831	0.53%	0.050%
56	19.568	2845	2848	2852	rVB2	56247	71192	1.36%	0.128%
57	19.680	2863	2867	2873	rBV2	230096	336147	6.43%	0.604%
58	19.821	2888	2891	2897	rVB2	36668	58624	1.12%	0.105%
59	19.933	2902	2910	2918	rBV	3588342	5229901	100.00%	9.403%
60	20.262	2963	2966	2972	rVB2	60054	74928	1.43%	0.135%
61	20.432	2991	2995	3000	rBV2	161775	202809	3.88%	0.365%
62	21.143	3112	3116	3120	rBV5	105263	128116	2.45%	0.230%
63	21.460	3166	3170	3177	rBV2	263407	537669	10.28%	0.967%
64	21.525	3177	3181	3190	rVB2	312891	504389	9.64%	0.907%
65	21.853	3231	3237	3244	rBV	1856532	3072645	58.75%	5.524%
66	22.658	3370	3374	3378	rBV2	115989	180538	3.45%	0.325%
67	24.227	3635	3641	3648	rVB2	275122	579058	11.07%	1.041%
68	25.002	3763	3773	3785	rVB2	1540647	4499169	86.03%	8.089%
69	25.231	3803	3812	3824	rBV2	1018776	3017175	57.69%	5.425%
70	26.400	4007	4011	4012	rBV2	128943	163577	3.13%	0.294%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080416.M
Title : SVOA CALIBRATION

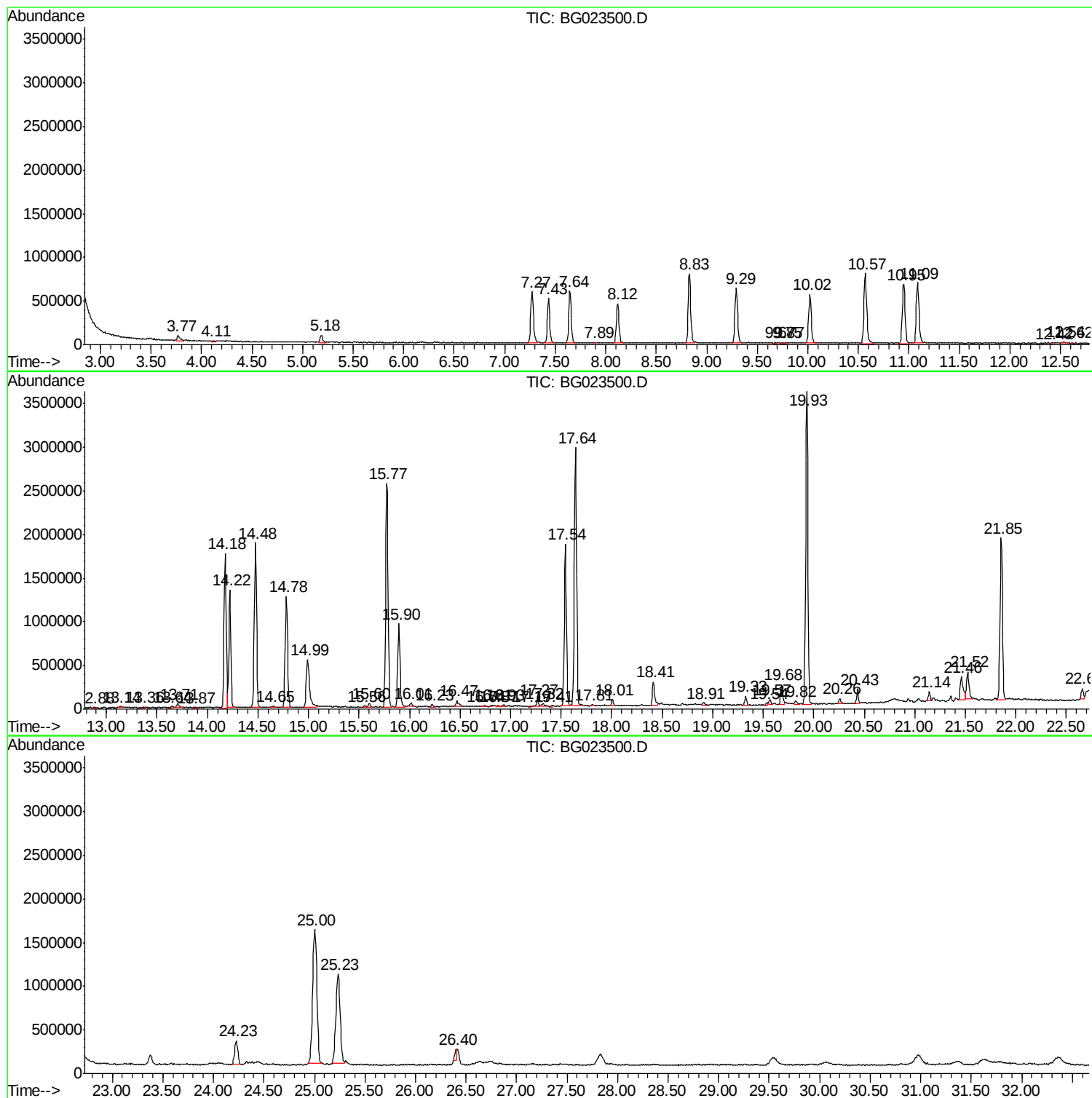
Sum of corrected areas: 55619612

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

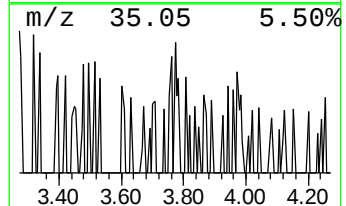
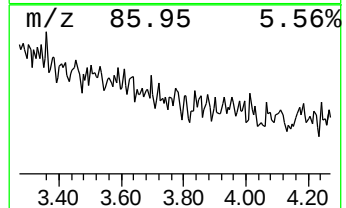
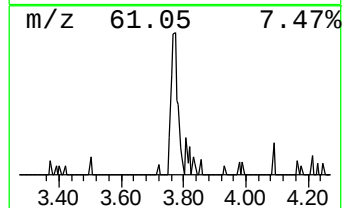
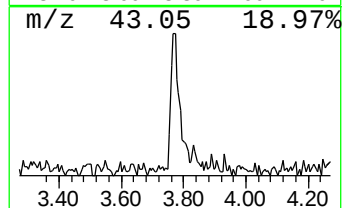
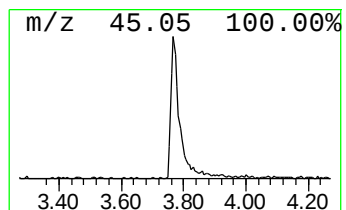
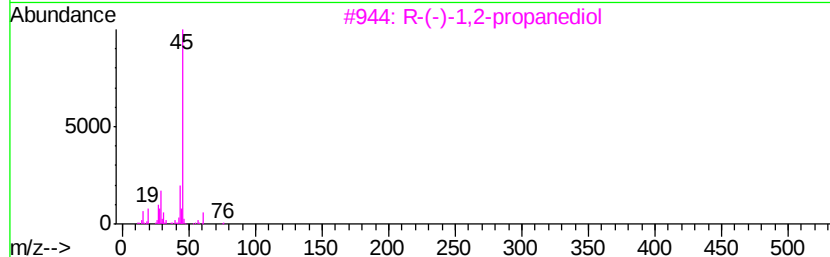
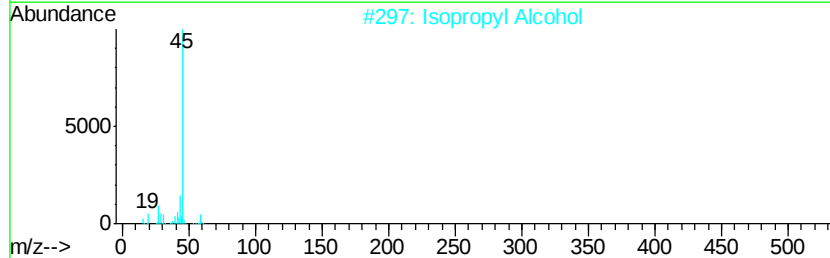
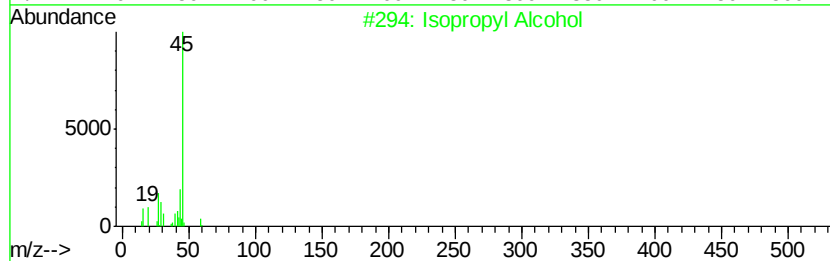
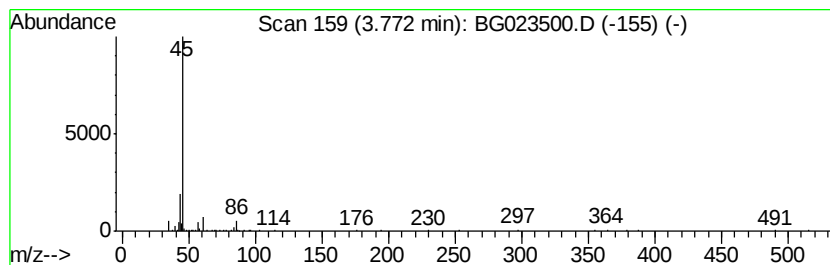
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	2.73 ng/ul	107887	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	45
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	45
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
4		2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

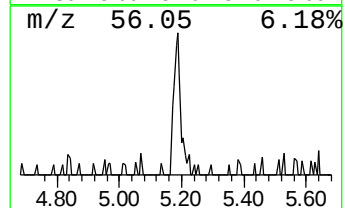
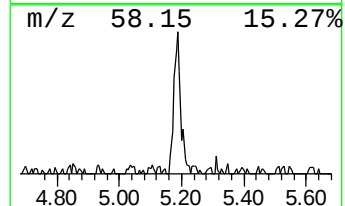
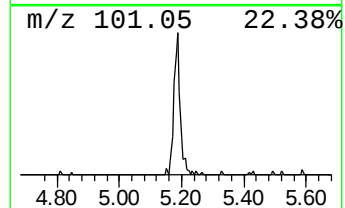
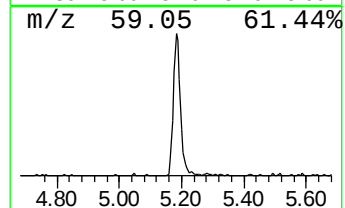
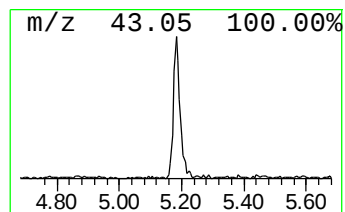
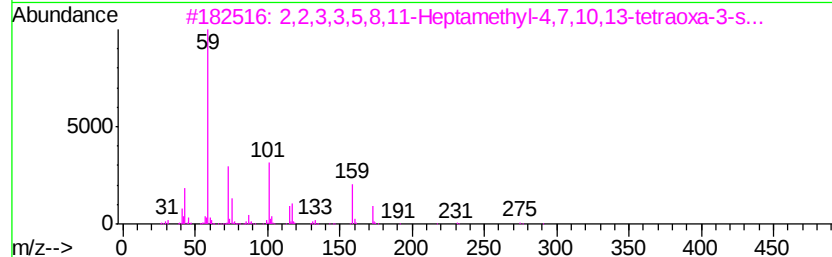
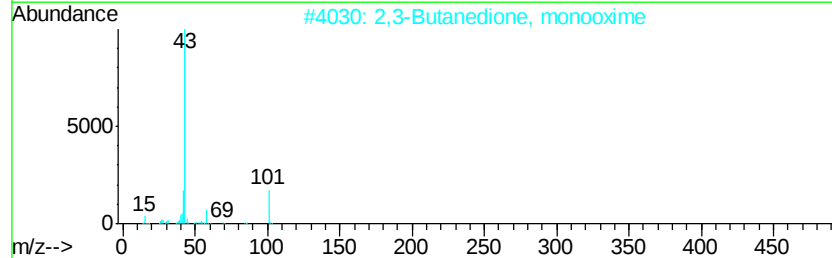
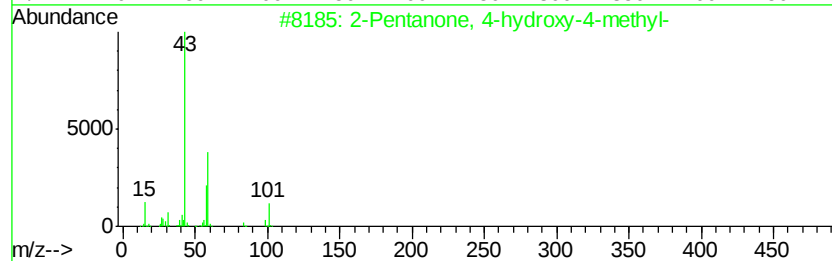
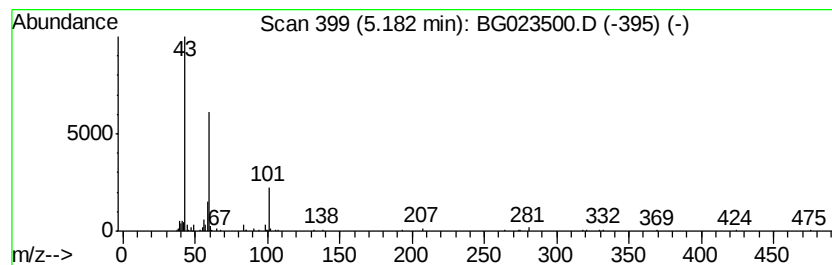
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.60 ng/ul	142370	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35		
3	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	25		
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25		
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	17		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

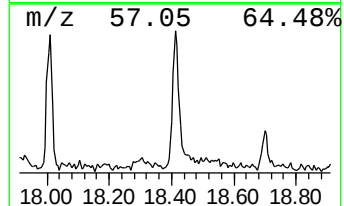
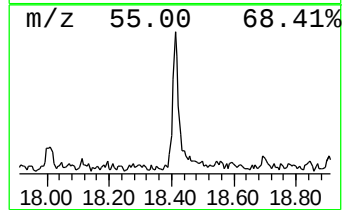
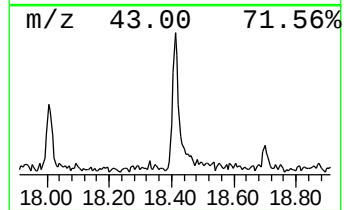
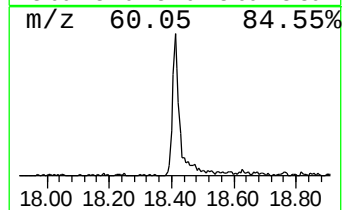
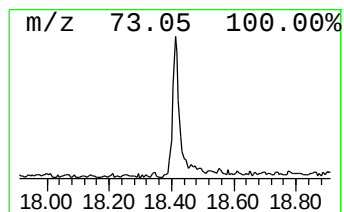
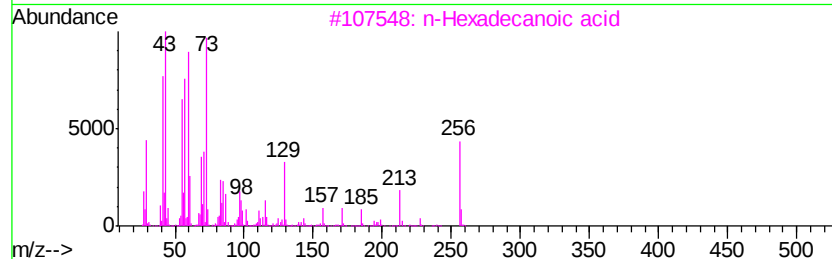
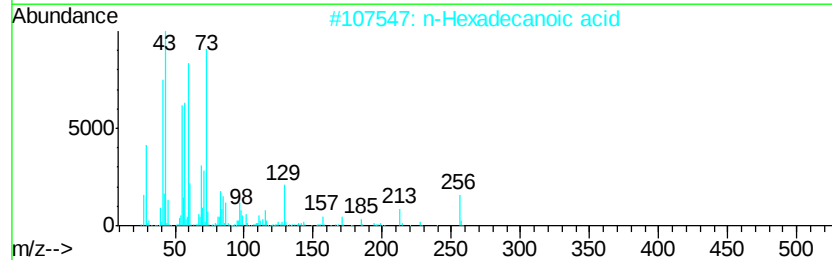
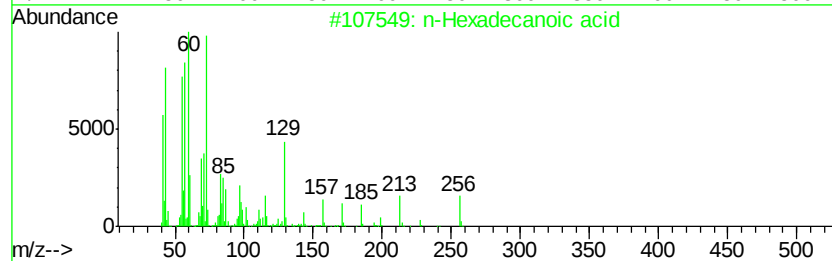
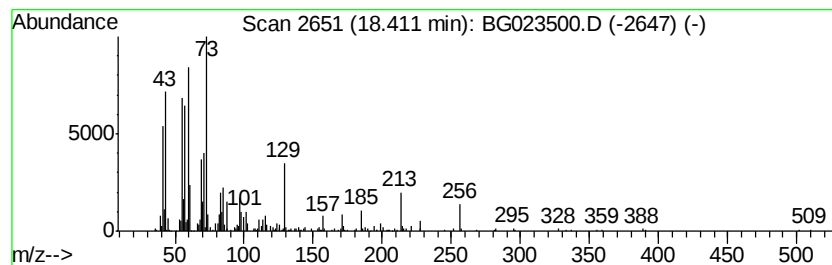
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.80 ng/ul	396819	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

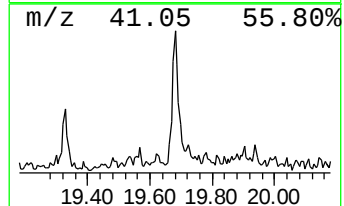
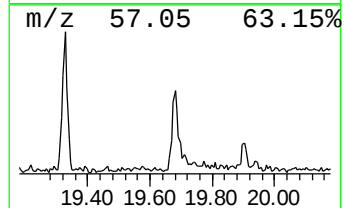
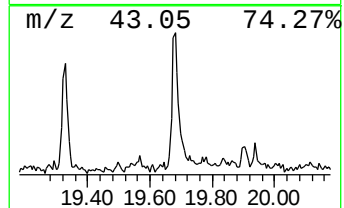
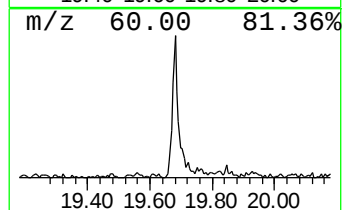
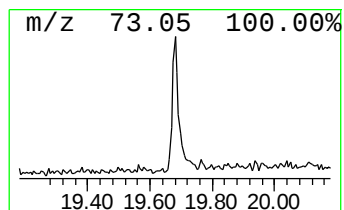
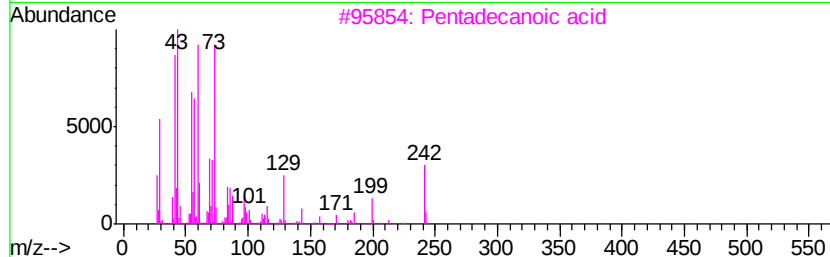
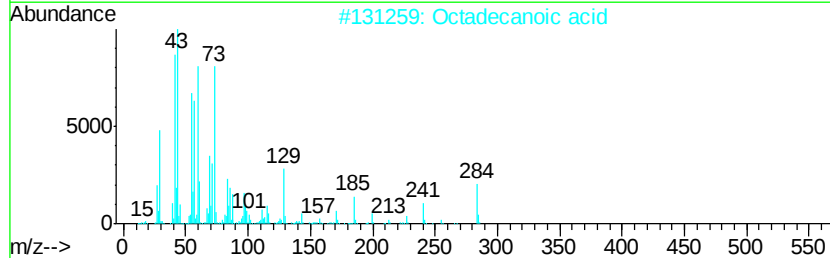
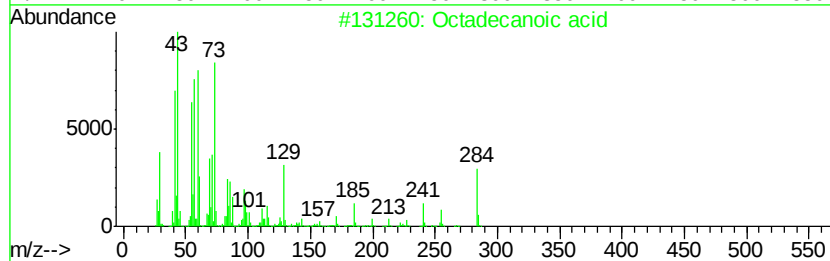
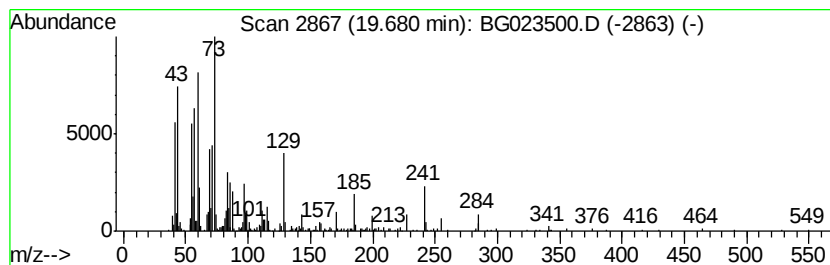
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.37 ng/ul	336147	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

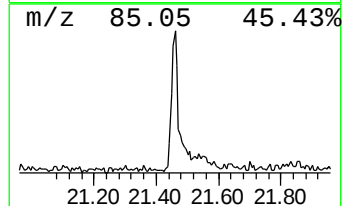
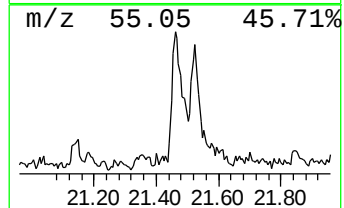
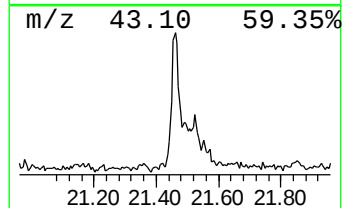
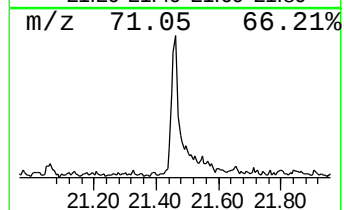
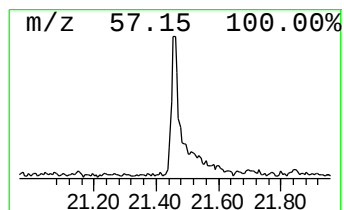
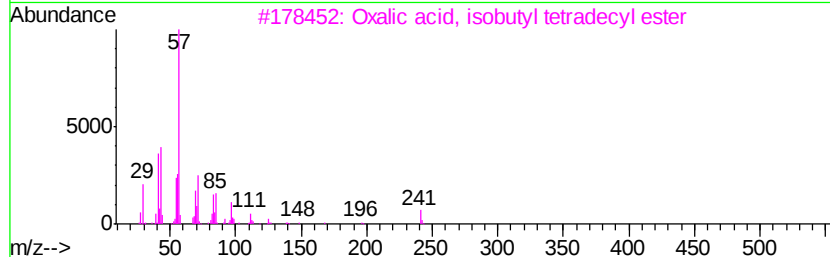
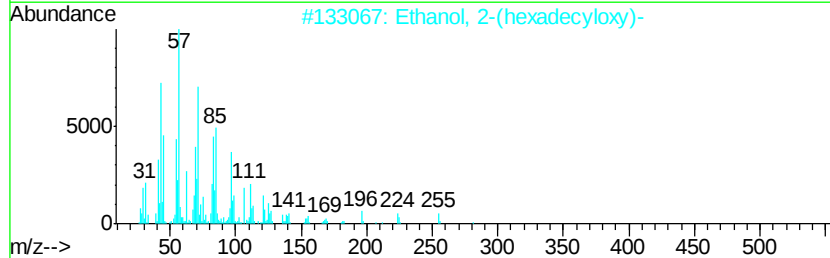
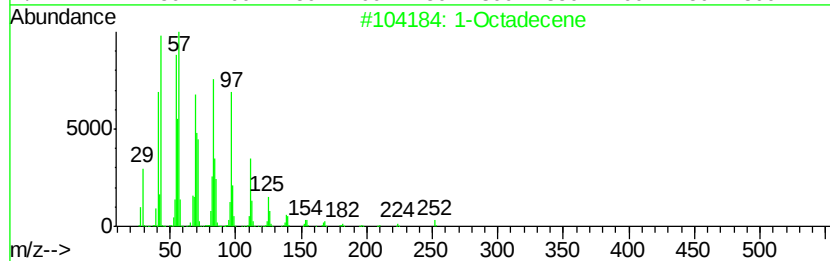
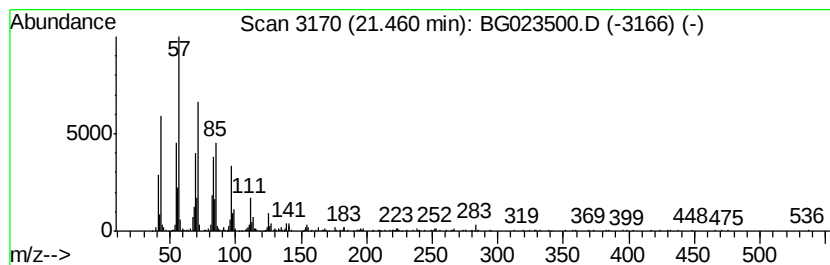
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic21.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.50 ng/ul	537669	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	95
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
4		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

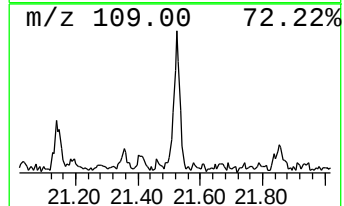
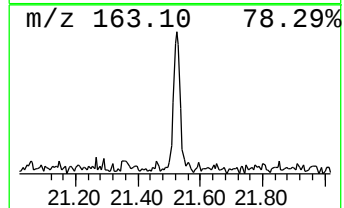
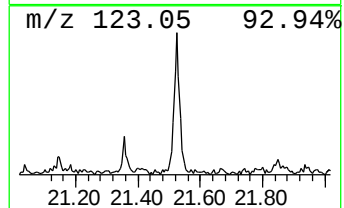
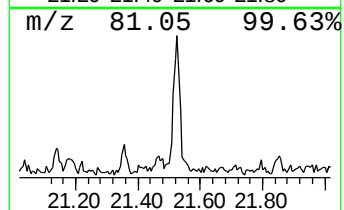
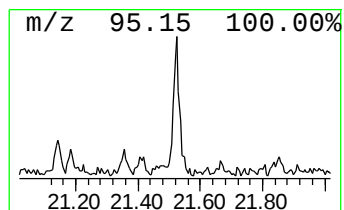
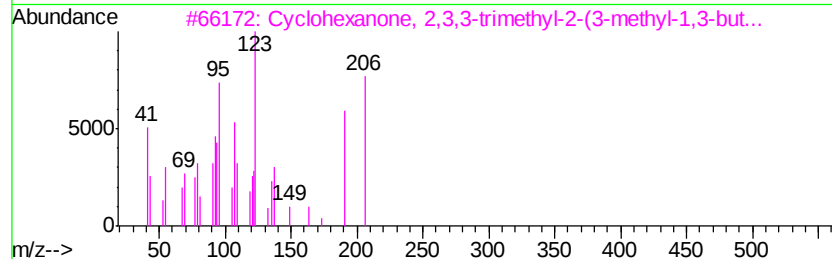
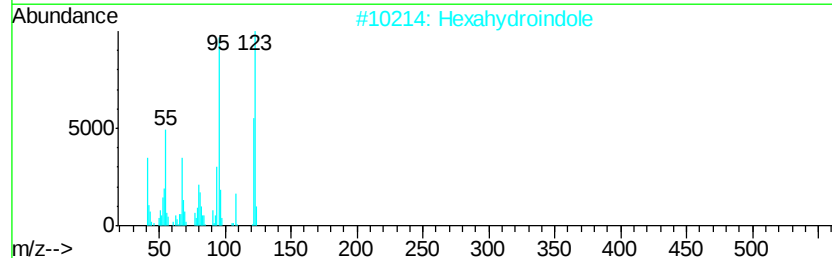
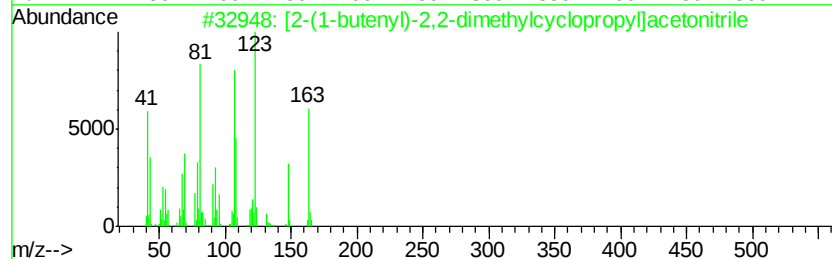
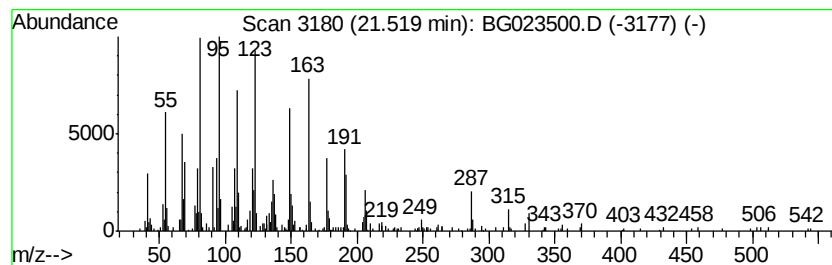
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.28 ng/ul	504389	Chrysene-d12	21.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	41
2			Hexahydroindole	123	C8H13N	018159-32-5	38
3			Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	35
4			Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	25
5			1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

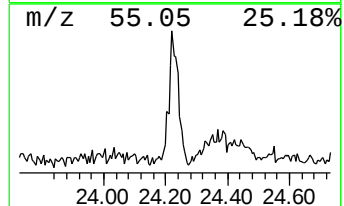
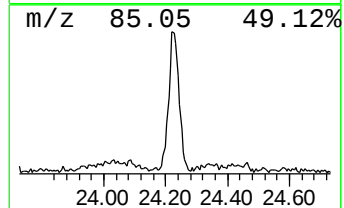
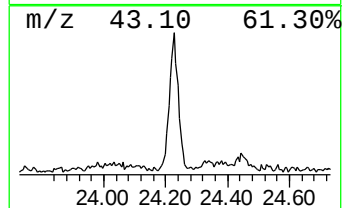
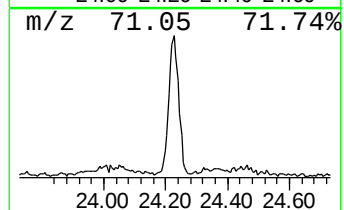
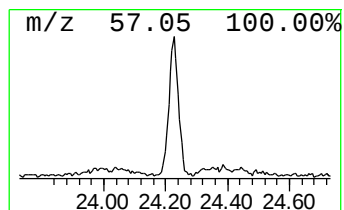
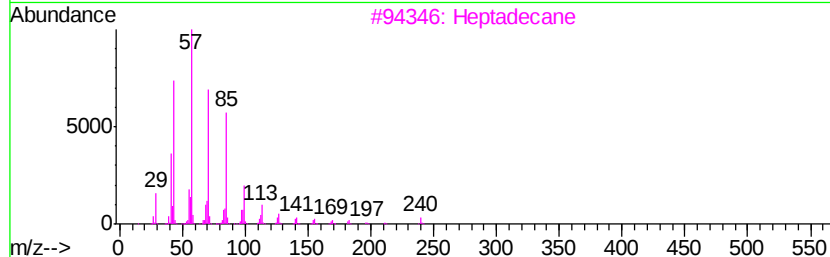
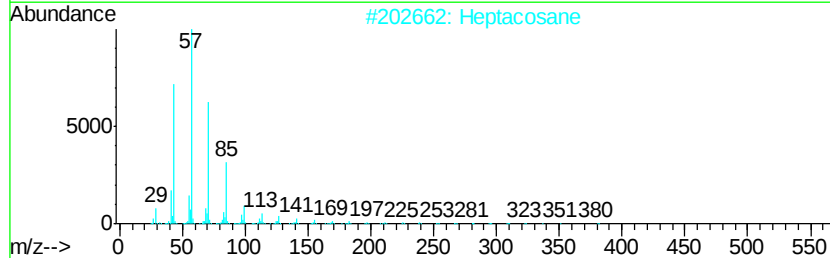
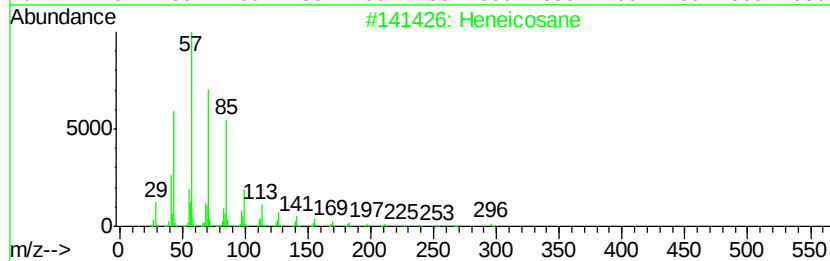
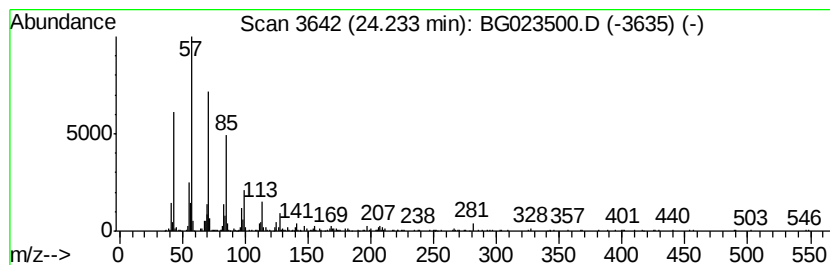
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	3.84 ng/ul	579058	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023500.D
Acq On : 5 Aug 2016 23:08
Operator : UM/SJ
Sample : H4209-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDJM6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.77	2.7	ng/ul	107887	1	8.12	790417	20.0
unknown-02	5.18	3.6	ng/ul	142370	1	8.12	790417	20.0
n-Hexadecanoic acid	18.41	2.8	ng/ul	396819	4	17.54	2833120	20.0
Octadecanoic acid	19.68	2.4	ng/ul	336147	4	17.54	2833120	20.0
(DEL) Alkane: Cyc...	21.46	3.5	ng/ul	537669	5	21.85	3072650	20.0
unknown-03	21.52	3.3	ng/ul	504389	5	21.85	3072650	20.0
(DEL) Alkane: Str...	24.23	3.8	ng/ul	579058	6	25.23	3017180	20.0