

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017381.D
 Acq On : 1 Jun 2015 23:04
 Operator : TP/IZ
 Sample : G2430-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRD5

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-BG052915.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	5.728	514	517	520	rBV5	1725	2334	0.41%	0.029%
2	6.087	575	578	583	rVB3	3755	5525	0.96%	0.068%
3	6.163	587	591	597	rBV2	12852	22072	3.84%	0.271%
4	6.322	614	618	624	rVB2	13797	19667	3.42%	0.241%
5	6.621	664	669	675	rVB2	11797	16537	2.88%	0.203%
6	6.845	701	707	714	rBV	113010	177609	30.93%	2.179%
7	6.980	724	730	738	rVB	76762	114849	20.00%	1.409%
8	7.074	743	746	750	rVV3	3587	3663	0.64%	0.045%
9	7.103	750	751	755	rVB2	2004	1645	0.29%	0.020%
10	7.185	758	765	773	rBV	114594	180277	31.39%	2.212%
11	7.644	836	843	852	rVV	128426	198471	34.56%	2.435%
12	7.861	874	880	883	rBV3	4612	6935	1.21%	0.085%
13	7.949	891	895	898	rVB5	2761	3711	0.65%	0.046%
14	8.378	961	968	976	rVV	123936	206112	35.89%	2.529%
15	8.801	1034	1040	1048	rBV	109323	178383	31.06%	2.189%
16	8.860	1048	1050	1052	rVV2	2910	3153	0.55%	0.039%
17	9.218	1107	1111	1114	rBV4	1639	2236	0.39%	0.027%
18	9.524	1157	1163	1170	rBV	106927	174596	30.40%	2.142%
19	9.853	1213	1219	1221	rBV3	2887	3684	0.64%	0.045%
20	10.076	1249	1257	1267	rBV	143899	241415	42.04%	2.962%
21	10.217	1275	1281	1283	rBV4	4314	6625	1.15%	0.081%
22	10.435	1311	1318	1326	rBV	186053	314324	54.73%	3.857%
23	10.581	1335	1343	1357	rVB	99246	169822	29.57%	2.084%
24	10.681	1357	1360	1366	rVB4	1154	2134	0.37%	0.026%
25	11.363	1472	1476	1478	rBV	1156	1567	0.27%	0.019%
26	11.803	1546	1551	1557	rVB	11619	16956	2.95%	0.208%
27	12.655	1689	1696	1700	rBV5	3496	6380	1.11%	0.078%
28	12.902	1735	1738	1742	rBV2	5403	7064	1.23%	0.087%
29	13.120	1772	1775	1779	rBV3	1601	2208	0.38%	0.027%
30	13.413	1822	1825	1829	rVB4	4366	5363	0.93%	0.066%
31	13.719	1870	1877	1881	rBV	237994	327719	57.07%	4.021%
32	13.760	1881	1884	1892	rVB	53914	77790	13.55%	0.955%
33	13.995	1918	1924	1931	rVB	255139	360092	62.70%	4.418%
34	14.207	1955	1960	1965	rBV3	5572	7313	1.27%	0.090%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017381.D
 Acq On : 1 Jun 2015 23:04
 Operator : TP/IZ
 Sample : G2430-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRD5

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-BG052915.M
 Title : SVOA CALIBRATION

35	14.301	1970	1976	1986	rBV2	296375	455688	79.35%	5.591%
36	14.553	2010	2019	2035	rBV	84022	163756	28.52%	2.009%
37	15.111	2110	2114	2118	rBV2	1576	2191	0.38%	0.027%
38	15.164	2118	2123	2127	rVB2	9077	11988	2.09%	0.147%
39	15.299	2137	2146	2152	rBV	303565	415014	72.27%	5.092%
40	15.364	2155	2157	2162	rVV2	1312	2255	0.39%	0.028%
41	15.429	2162	2168	2175	rVB	131634	179323	31.23%	2.200%
42	15.540	2185	2187	2188	rVV2	2512	1796	0.31%	0.022%
43	15.570	2190	2192	2196	rVB3	3985	3740	0.65%	0.046%
44	15.717	2214	2217	2220	rBV3	1877	2003	0.35%	0.025%
45	15.910	2248	2250	2254	rVB	1374	1590	0.28%	0.020%
46	16.022	2265	2269	2272	rBV2	12238	14456	2.52%	0.177%
47	16.204	2294	2300	2303	rBV4	6134	8920	1.55%	0.109%
48	16.363	2326	2327	2330	rVV2	2426	2394	0.42%	0.029%
49	16.386	2330	2331	2334	rVV2	2002	1545	0.27%	0.019%
50	16.422	2334	2337	2341	rVB3	1981	2670	0.46%	0.033%
51	16.474	2341	2346	2349	rBV5	4157	4932	0.86%	0.061%
52	16.504	2349	2351	2354	rVV2	2908	2991	0.52%	0.037%
53	16.557	2358	2360	2366	rVV4	5284	7695	1.34%	0.094%
54	16.704	2381	2385	2388	rBV4	1891	2032	0.35%	0.025%
55	16.815	2401	2404	2409	rBV4	10591	14029	2.44%	0.172%
56	16.868	2409	2413	2417	rVB4	3289	5657	0.99%	0.069%
57	17.050	2438	2444	2450	rBV	385370	542432	94.46%	6.656%
58	17.150	2455	2461	2470	rVV2	307215	423712	73.78%	5.199%
59	17.221	2470	2473	2481	rVB7	3617	7503	1.31%	0.092%
60	17.338	2490	2493	2494	rBV2	2406	2281	0.40%	0.028%
61	17.444	2509	2511	2514	rVV2	2416	3068	0.53%	0.038%
62	17.479	2515	2517	2522	rVB3	3076	3335	0.58%	0.041%
63	17.526	2522	2525	2527	rBV2	1357	2095	0.36%	0.026%
64	17.556	2527	2530	2533	rBV3	7217	7282	1.27%	0.089%
65	17.667	2548	2549	2554	rVV3	1334	1837	0.32%	0.023%
66	17.726	2556	2559	2563	rBV3	2447	3161	0.55%	0.039%
67	17.849	2577	2580	2583	rBV3	3709	3102	0.54%	0.038%
68	17.896	2583	2588	2592	rBV3	26810	38323	6.67%	0.470%
69	17.961	2594	2599	2607	rVB2	74298	109790	19.12%	1.347%
70	18.125	2624	2627	2630	rVB4	3678	3719	0.65%	0.046%
71	18.390	2669	2672	2673	rBV2	1881	2358	0.41%	0.029%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017381.D
 Acq On : 1 Jun 2015 23:04
 Operator : TP/IZ
 Sample : G2430-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRD5

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-BG052915.M
 Title : SVOA CALIBRATION

72	18.625	2711	2712	2714	rBV2	1906	1723	0.30%	0.021%
73	18.678	2719	2721	2724	rVV3	2187	1948	0.34%	0.024%
74	18.731	2727	2730	2731	rVV3	2695	2197	0.38%	0.027%
75	18.836	2746	2748	2752	rBV4	3716	4752	0.83%	0.058%
76	18.883	2752	2756	2759	rVV2	20158	23716	4.13%	0.291%
77	18.989	2773	2774	2776	rBV	2583	1551	0.27%	0.019%
78	19.019	2777	2779	2783	rVB4	2319	1748	0.30%	0.021%
79	19.118	2791	2796	2803	rBV	35418	58785	10.24%	0.721%
80	19.254	2814	2819	2821	rBV5	8516	15014	2.61%	0.184%
81	19.453	2847	2853	2864	rVB	304536	453933	79.05%	5.570%
82	19.612	2878	2880	2884	rVB5	3685	3184	0.55%	0.039%
83	19.665	2887	2889	2891	rBV2	4283	3464	0.60%	0.043%
84	19.970	2938	2941	2944	rBV4	10250	14896	2.59%	0.183%
85	20.006	2944	2947	2952	rVB3	17232	22300	3.88%	0.274%
86	20.094	2958	2962	2965	rBV6	5957	9321	1.62%	0.114%
87	20.258	2988	2990	2991	rBV2	4187	3778	0.66%	0.046%
88	20.382	3009	3011	3016	rBV5	7205	8931	1.56%	0.110%
89	20.564	3039	3042	3048	rBV6	15934	20701	3.60%	0.254%
90	20.722	3067	3069	3070	rBV2	5579	3739	0.65%	0.046%
91	20.957	3105	3109	3116	rBV	127027	164477	28.64%	2.018%
92	21.028	3117	3121	3126	rVB	147823	178449	31.07%	2.190%
93	21.163	3140	3144	3150	rVB	105682	125332	21.82%	1.538%
94	21.245	3152	3158	3162	rBV	448309	574267	100.00%	7.046%
95	22.285	3332	3335	3342	rVB2	59105	79865	13.91%	0.980%
96	22.520	3371	3375	3379	rBV3	44976	54235	9.44%	0.665%
97	22.796	3419	3422	3426	rBV4	27854	52272	9.10%	0.641%
98	22.843	3427	3430	3437	rVB4	56284	86630	15.09%	1.063%
99	23.337	3509	3514	3527	rVB2	161972	337594	58.79%	4.142%
100	23.484	3533	3539	3546	rBV2	277716	512041	89.16%	6.283%

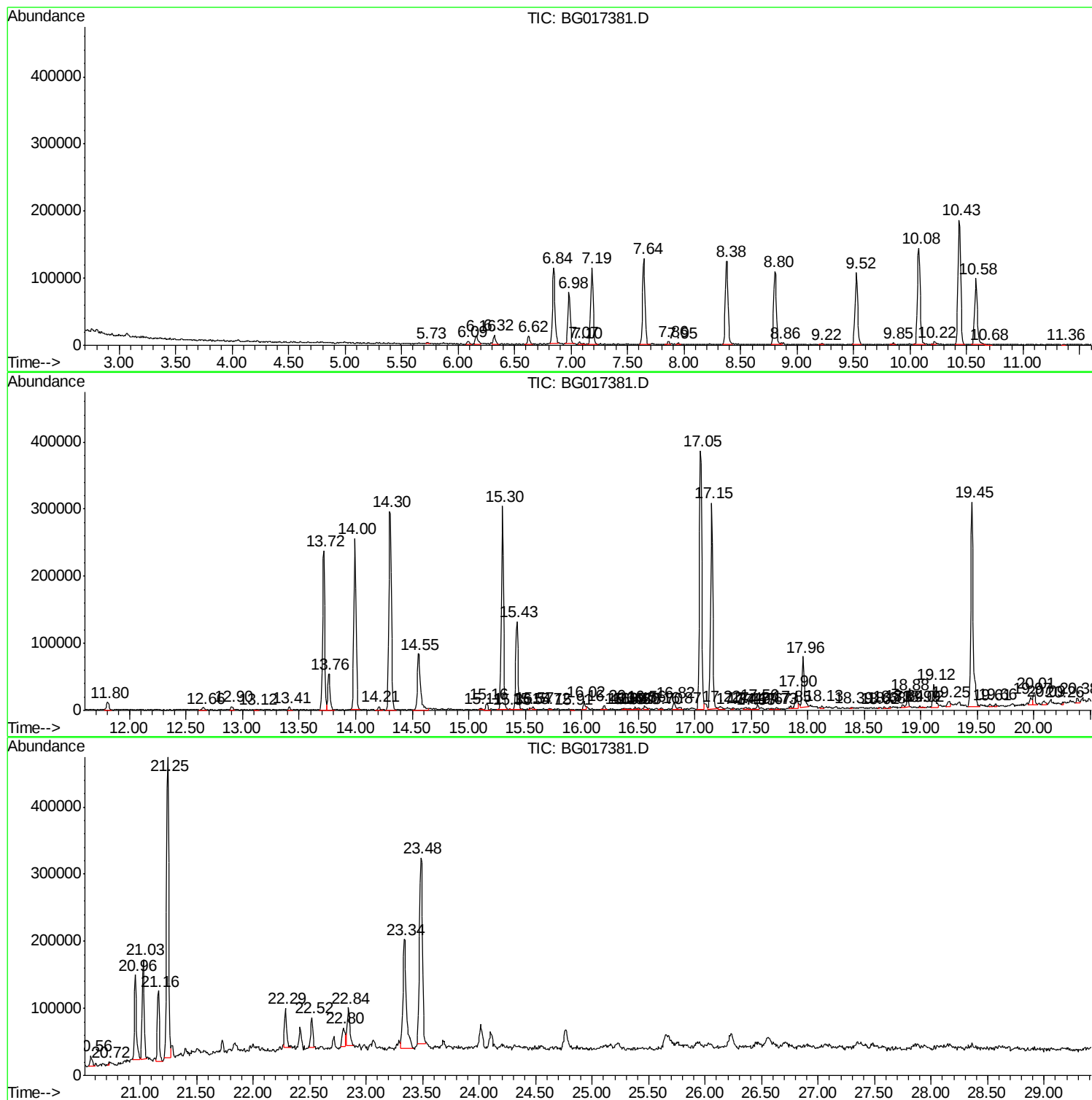
Sum of corrected areas: 8149737

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

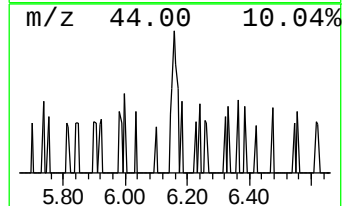
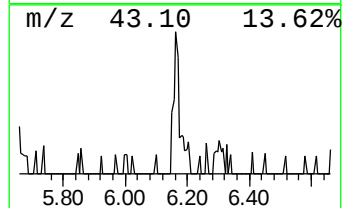
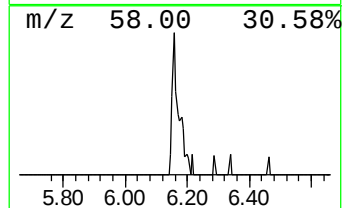
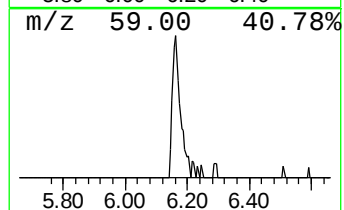
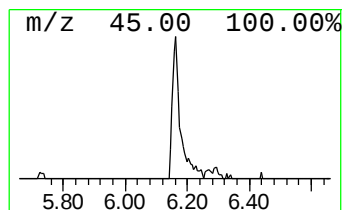
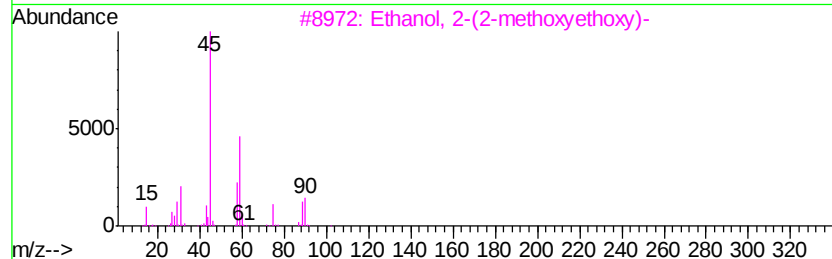
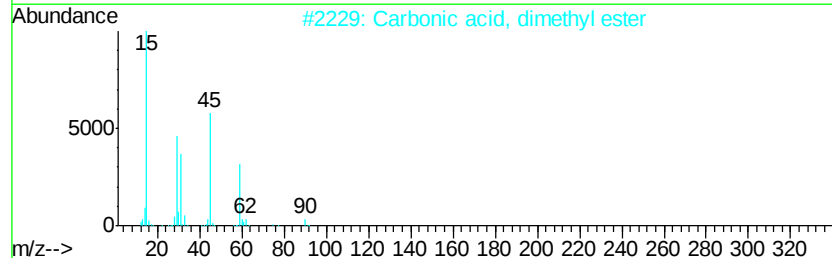
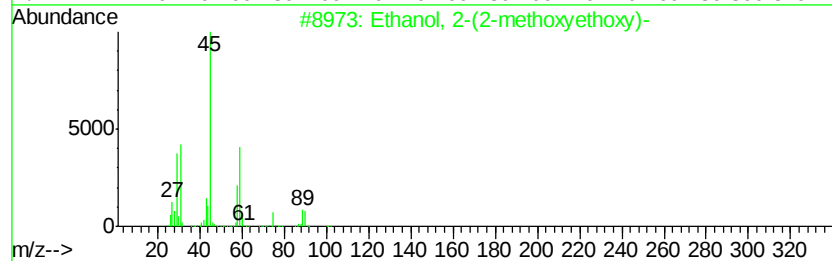
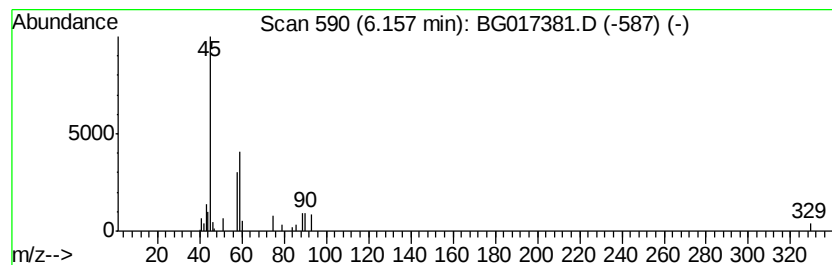
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	2.22 ng/ul	22072	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	56
2		Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	45
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40
4		Triethylene glycol	150	C6H14O4	000112-27-6	40
5		Triethylene glycol	150	C6H14O4	000112-27-6	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

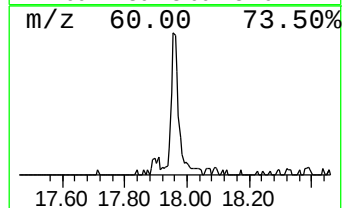
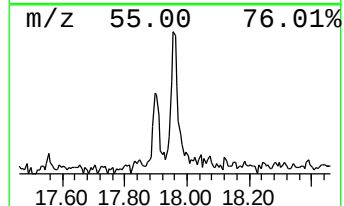
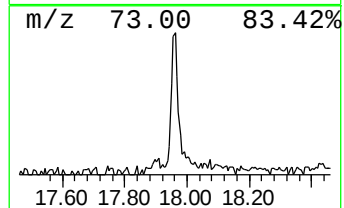
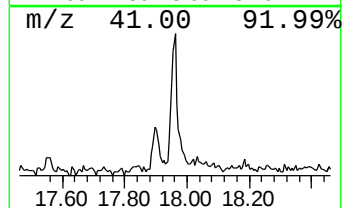
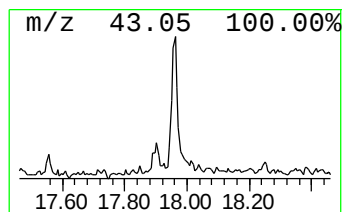
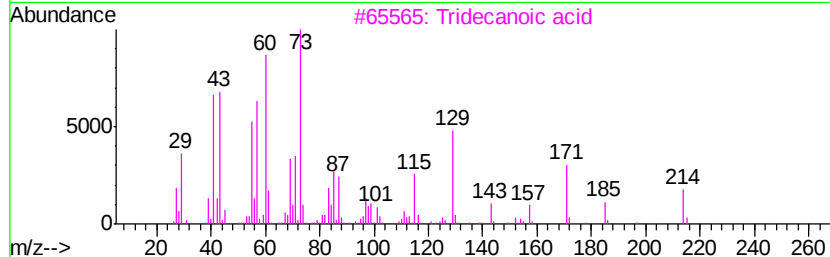
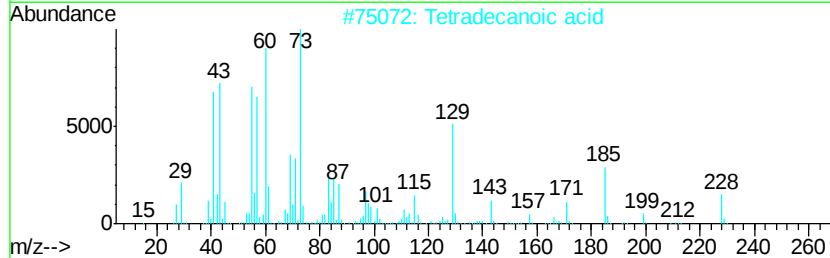
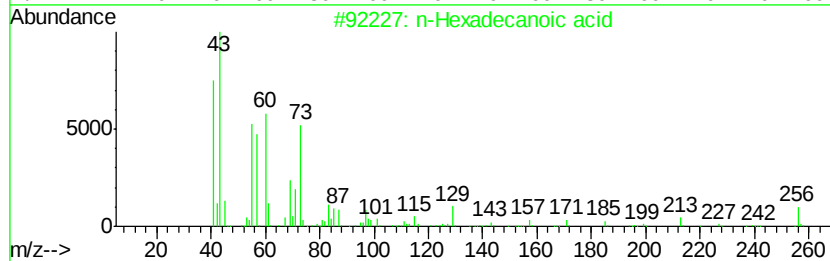
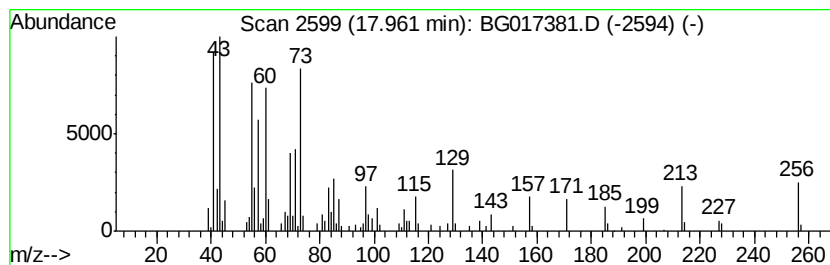
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.05 ng/ul	109790	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

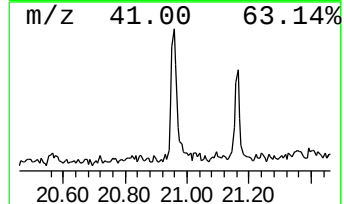
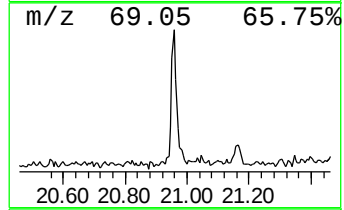
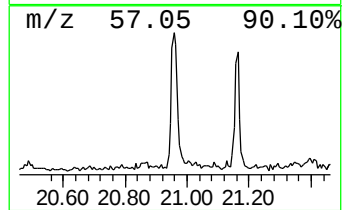
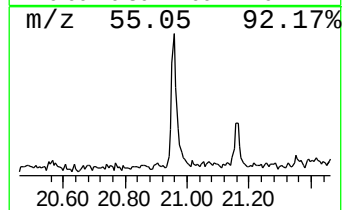
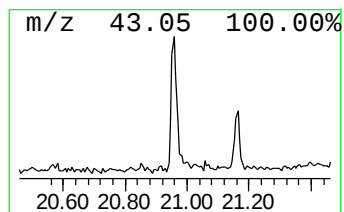
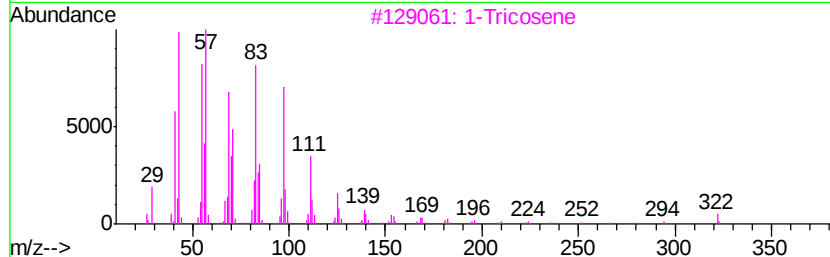
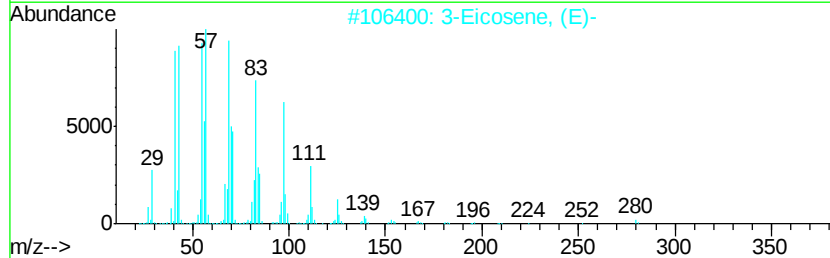
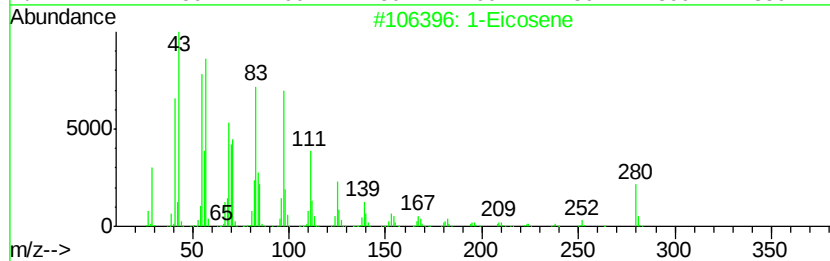
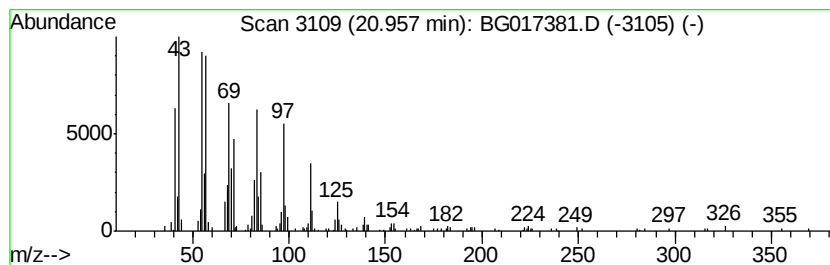
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.73 ng/ul	164477	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		1-Tricosene	322	C23H46	018835-32-0	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

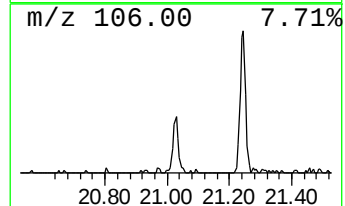
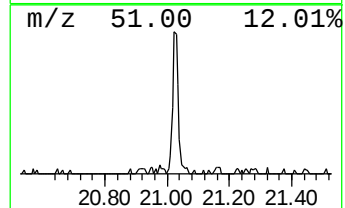
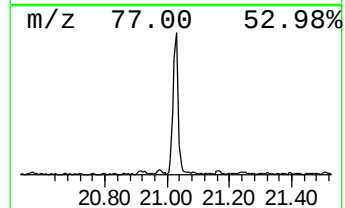
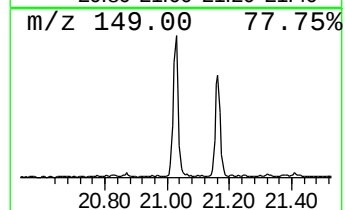
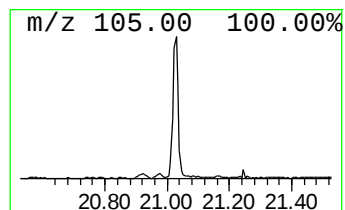
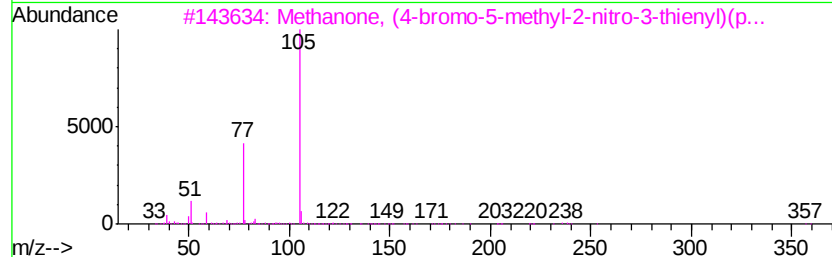
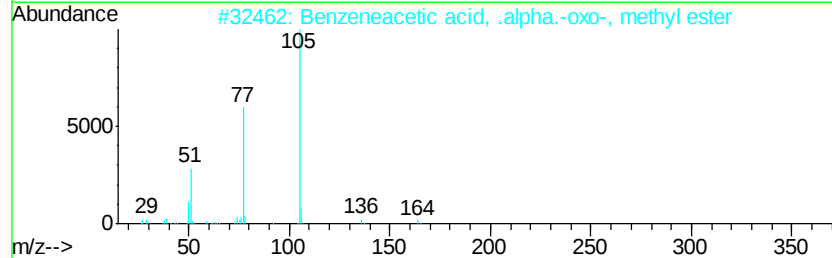
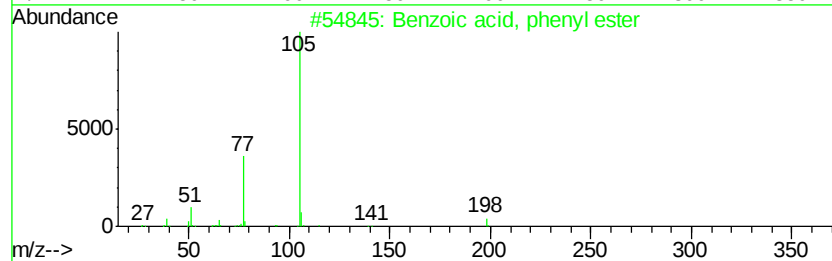
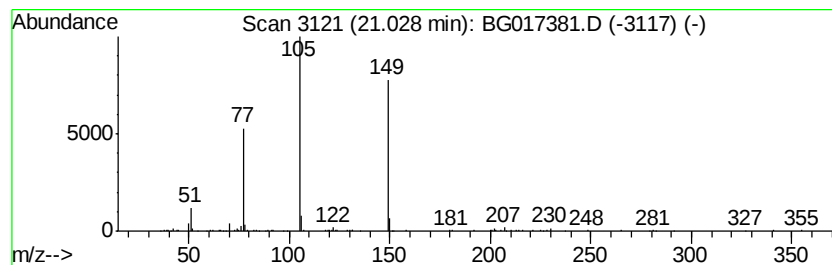
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.21 ng/ul	178449	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	35
2		Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	35
3		Methanone, (4-bromo-5-methyl-2-n...	357	C12H8BrN03S2	1000274-00-2	35
4		Benzoic acid 5-methyl-2-phenyl-2...	278	C17H14N2O2	056159-67-2	35
5		Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

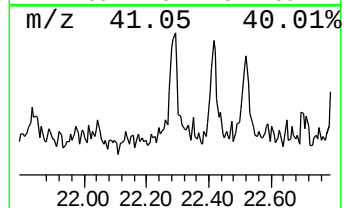
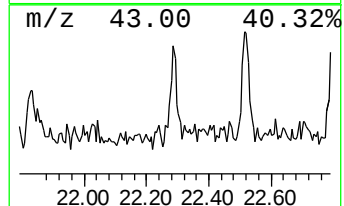
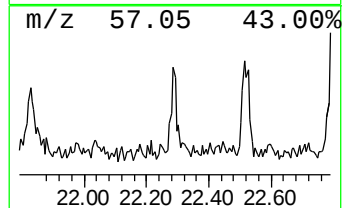
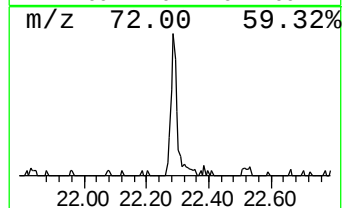
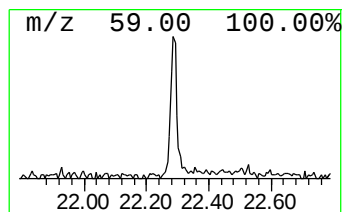
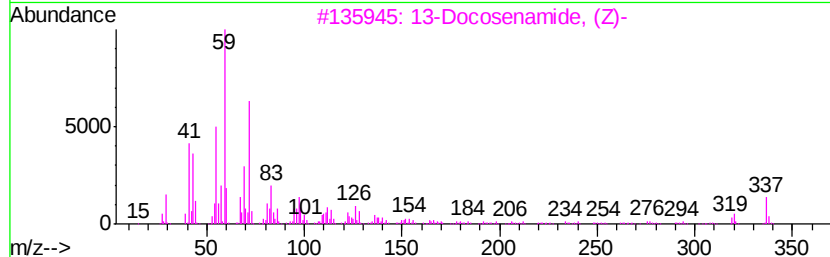
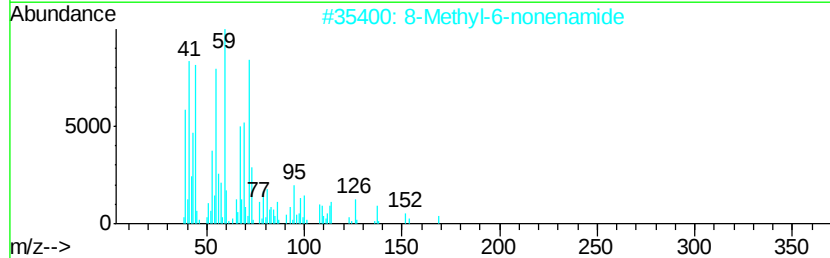
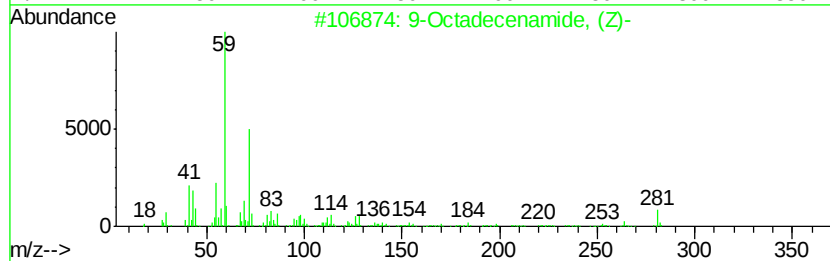
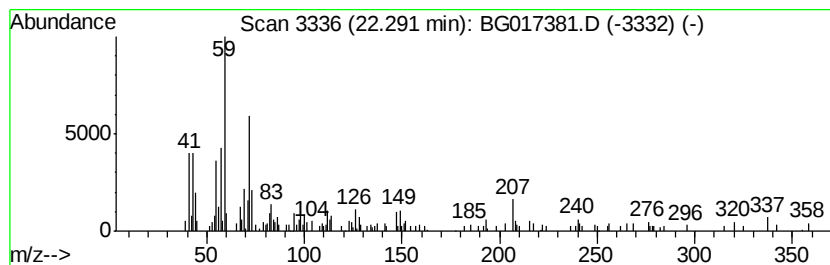
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.78 ng/ul	79865	Chrysene-d12	21.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2		8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	64
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59
5		7-Nonenamide	155	C9H17NO	090949-53-4	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

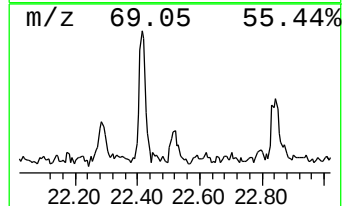
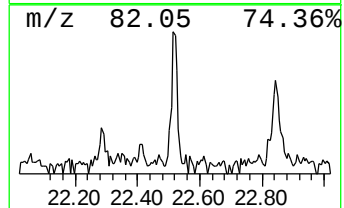
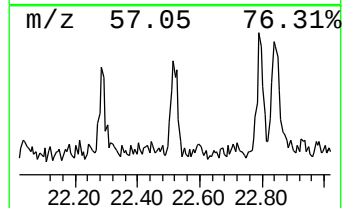
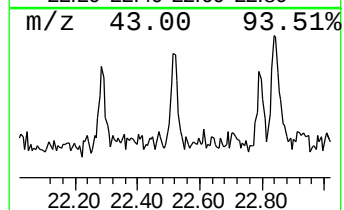
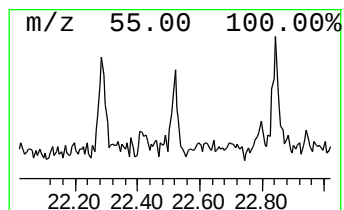
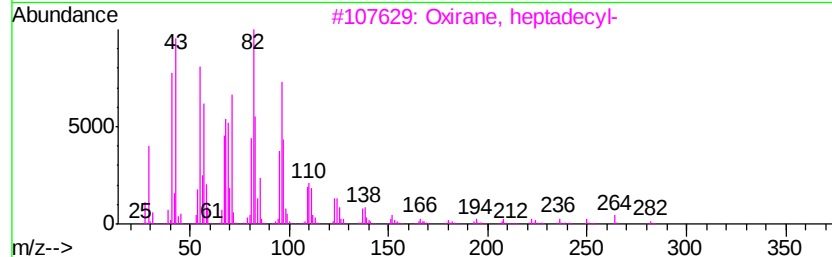
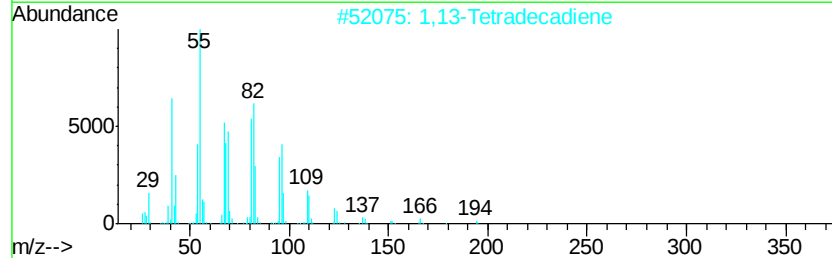
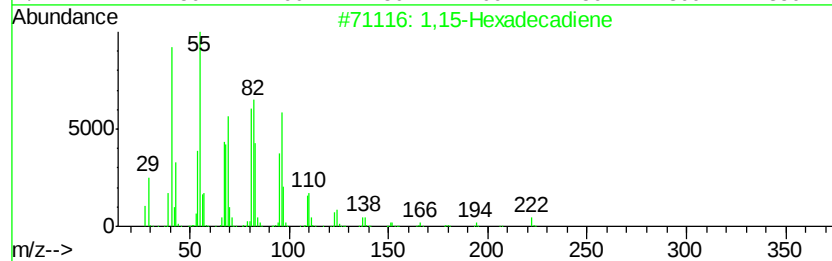
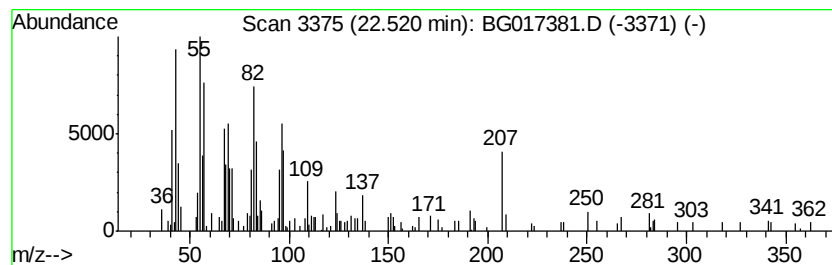
Instrument :
BNA_G
ClientSampleId :
BCRD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,15-Hexadecadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.12 ng/ul	54235	Perylene-d12	23.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,15-Hexadecadiene	222 C16H30	021964-51-2	70
2	1,13-Tetradecadiene	194 C14H26	021964-49-8	53
3	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	49
4	Pentadecanal-	226 C15H30O	002765-11-9	47
5	Benzocyclodecene, tetradecahydro-	194 C14H26	061142-06-1	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017381.D
Acq On : 1 Jun 2015 23:04
Operator : TP/IZ
Sample : G2430-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.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
Ethanol, 2-(2-met...	6.16	2.2	ng/ul	22072	1	7.64	198471	20.0
n-Hexadecanoic acid	17.96	4.0	ng/ul	109790	4	17.05	542432	20.0
(DEL) Alkane: Cyc...	20.96	5.7	ng/ul	164477	5	21.25	574267	20.0
unknown-01	21.03	6.2	ng/ul	178449	5	21.25	574267	20.0
9-Octadecenamide, ...	22.29	2.8	ng/ul	79865	5	21.25	574267	20.0
1,15-Hexadecadiene	22.52	2.1	ng/ul	54235	6	23.48	512041	20.0