

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017400.D
 Acq On : 2 Jun 2015 18:12
 Operator : TP/IZ
 Sample : G2430-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF6

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	2.752	8	11	18	rVB3	11943	19735	3.40%	0.233%
2	3.357	112	114	117	rBV3	3025	3654	0.63%	0.043%
3	3.698	170	172	175	rBV3	1450	1605	0.28%	0.019%
4	4.044	229	231	238	rVB4	3615	4407	0.76%	0.052%
5	4.843	364	367	370	rBV4	2018	2349	0.40%	0.028%
6	4.978	386	390	394	rBV3	1926	3107	0.54%	0.037%
7	6.159	587	591	597	rBV2	7807	14314	2.47%	0.169%
8	6.283	609	612	616	rVB4	2957	3664	0.63%	0.043%
9	6.582	661	663	668	rBV4	1408	2150	0.37%	0.025%
10	6.694	681	682	684	rBV	1943	1535	0.26%	0.018%
11	6.741	687	690	692	rBV2	1307	1510	0.26%	0.018%
12	6.841	701	707	718	rBV	86945	148177	25.53%	1.749%
13	6.976	724	730	738	rVB	57399	85872	14.80%	1.013%
14	7.176	757	764	773	rBV	86832	140013	24.13%	1.652%
15	7.258	773	778	779	rVV3	1682	2030	0.35%	0.024%
16	7.276	779	781	786	rVB4	1333	1590	0.27%	0.019%
17	7.370	795	797	800	rVB3	1559	1501	0.26%	0.018%
18	7.634	837	842	850	rVB	106378	169694	29.24%	2.003%
19	7.916	887	890	893	rBV	1388	2129	0.37%	0.025%
20	8.374	961	968	977	rBV	113120	178545	30.77%	2.107%
21	8.604	1003	1007	1010	rBV4	1410	2199	0.38%	0.026%
22	8.797	1034	1040	1050	rBV	88922	140314	24.18%	1.656%
23	8.956	1063	1067	1068	rBV4	1735	1690	0.29%	0.020%
24	9.215	1107	1111	1116	rBV4	3014	3937	0.68%	0.046%
25	9.520	1156	1163	1171	rBV2	92761	153937	26.52%	1.817%
26	9.826	1213	1215	1219	rBV3	1264	1677	0.29%	0.020%
27	10.072	1250	1257	1264	rBV	127110	206171	35.53%	2.433%
28	10.213	1277	1281	1291	rVB5	9929	18807	3.24%	0.222%
29	10.431	1310	1318	1325	rVV	151825	246754	42.52%	2.912%
30	10.578	1336	1343	1353	rBV	67943	125373	21.60%	1.480%
31	10.795	1376	1380	1383	rBV2	1335	1709	0.29%	0.020%
32	10.971	1406	1410	1413	rBV4	1458	2000	0.34%	0.024%
33	11.218	1448	1452	1453	rBV2	1277	1588	0.27%	0.019%
34	11.248	1453	1457	1459	rVV2	1728	2166	0.37%	0.026%

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35	11.465	1492	1494	1498	rBV3	1579	2362	0.41%	0.028%
36	11.900	1565	1568	1572	rBV4	1791	2563	0.44%	0.030%
37	12.052	1591	1594	1601	rVB3	1091	2675	0.46%	0.032%
38	12.646	1689	1695	1700	rBV2	18255	27382	4.72%	0.323%
39	12.805	1721	1722	1727	rBV3	1049	1529	0.26%	0.018%
40	12.899	1732	1738	1746	rVB	26415	39503	6.81%	0.466%
41	13.192	1783	1788	1790	rBV3	1143	1646	0.28%	0.019%
42	13.662	1865	1868	1871	rBV2	2344	3336	0.57%	0.039%
43	13.715	1871	1877	1881	rVV	208054	287724	49.58%	3.396%
44	13.762	1881	1885	1893	rVV	104870	142747	24.60%	1.685%
45	13.833	1893	1897	1900	rVV4	3001	3094	0.53%	0.037%
46	13.991	1918	1924	1929	rVB	201737	297004	51.18%	3.505%
47	14.203	1957	1960	1963	rVB4	3539	4986	0.86%	0.059%
48	14.303	1970	1977	1984	rBV2	224500	334487	57.64%	3.947%
49	14.555	2015	2020	2031	rBV	89445	151289	26.07%	1.785%
50	14.849	2067	2070	2075	rVB4	2634	3312	0.57%	0.039%
51	15.014	2096	2098	2101	rVB2	1990	2320	0.40%	0.027%
52	15.102	2109	2113	2117	rVB5	2907	4569	0.79%	0.054%
53	15.155	2117	2122	2128	rBV5	5874	9584	1.65%	0.113%
54	15.296	2140	2146	2154	rVB	315037	425951	73.40%	5.027%
55	15.425	2162	2168	2174	rBV2	104448	142050	24.48%	1.676%
56	15.472	2174	2176	2179	rVB4	2241	1860	0.32%	0.022%
57	15.531	2183	2186	2187	rBV3	2022	1929	0.33%	0.023%
58	15.760	2224	2225	2227	rBV2	2103	1540	0.27%	0.018%
59	15.919	2251	2252	2256	rVB3	1616	1819	0.31%	0.021%
60	16.018	2265	2269	2272	rBV4	9130	11403	1.96%	0.135%
61	16.195	2297	2299	2302	rVB4	4537	5075	0.87%	0.060%
62	16.365	2326	2328	2330	rBV3	1515	1640	0.28%	0.019%
63	16.471	2341	2346	2347	rBV3	6227	7073	1.22%	0.083%
64	16.494	2347	2350	2351	rVV3	2532	2040	0.35%	0.024%
65	16.594	2365	2367	2370	rVB3	2153	1667	0.29%	0.020%
66	16.624	2370	2372	2374	rBV3	1882	1678	0.29%	0.020%
67	16.671	2378	2380	2382	rBV3	2046	1751	0.30%	0.021%
68	16.712	2385	2387	2389	rBV3	3642	2598	0.45%	0.031%
69	16.759	2392	2395	2396	rBV3	2728	2946	0.51%	0.035%
70	16.812	2400	2404	2408	rBV4	11956	15217	2.62%	0.180%
71	16.929	2421	2424	2425	rBV3	3328	3293	0.57%	0.039%

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72	16.958	2426	2429	2436	rVB5	8663	12879	2.22%	0.152%
73	17.052	2436	2445	2450	rBV	284042	397032	68.41%	4.686%
74	17.094	2450	2452	2455	rVB2	9229	9632	1.66%	0.114%
75	17.146	2455	2461	2467	rBV	314851	443548	76.43%	5.234%
76	17.346	2493	2495	2497	rBV2	2137	1765	0.30%	0.021%
77	17.552	2527	2530	2534	rVB3	7842	9917	1.71%	0.117%
78	17.693	2552	2554	2555	rBV2	3110	1874	0.32%	0.022%
79	17.722	2557	2559	2563	rVB5	3796	4174	0.72%	0.049%
80	17.763	2563	2566	2570	rVB6	8068	9502	1.64%	0.112%
81	17.834	2573	2578	2583	rBV7	9353	16081	2.77%	0.190%
82	17.899	2585	2589	2593	rBV5	10478	15573	2.68%	0.184%
83	17.957	2594	2599	2608	rBV	112979	155905	26.86%	1.840%
84	18.251	2645	2649	2657	rBV8	11043	26075	4.49%	0.308%
85	18.850	2749	2751	2753	rBV2	6942	4869	0.84%	0.057%
86	18.897	2755	2759	2760	rBV4	9548	12717	2.19%	0.150%
87	19.244	2815	2818	2826	rVB7	22488	30001	5.17%	0.354%
88	19.450	2848	2853	2865	rBV	395864	570407	98.29%	6.732%
89	19.591	2875	2877	2881	rBV3	14792	16961	2.92%	0.200%
90	19.967	2939	2941	2945	rVB5	17902	21387	3.69%	0.252%
91	20.954	3105	3109	3117	rBV	187304	255556	44.03%	3.016%
92	21.159	3141	3144	3148	rVB	50467	58045	10.00%	0.685%
93	21.242	3153	3158	3163	rBV	356948	454098	78.25%	5.359%
94	22.417	3355	3358	3362	rVB2	48016	60697	10.46%	0.716%
95	22.517	3371	3375	3381	rVB	210671	291396	50.21%	3.439%
96	22.793	3419	3422	3426	rBV	101216	147523	25.42%	1.741%
97	22.840	3426	3430	3441	rVB	267631	439110	75.66%	5.182%
98	23.345	3510	3516	3527	rVB2	283009	580349	100.00%	6.849%
99	23.486	3535	3540	3548	rVB	232613	411243	70.86%	4.853%
100	24.021	3626	3631	3639	rVB2	193137	365725	63.02%	4.316%

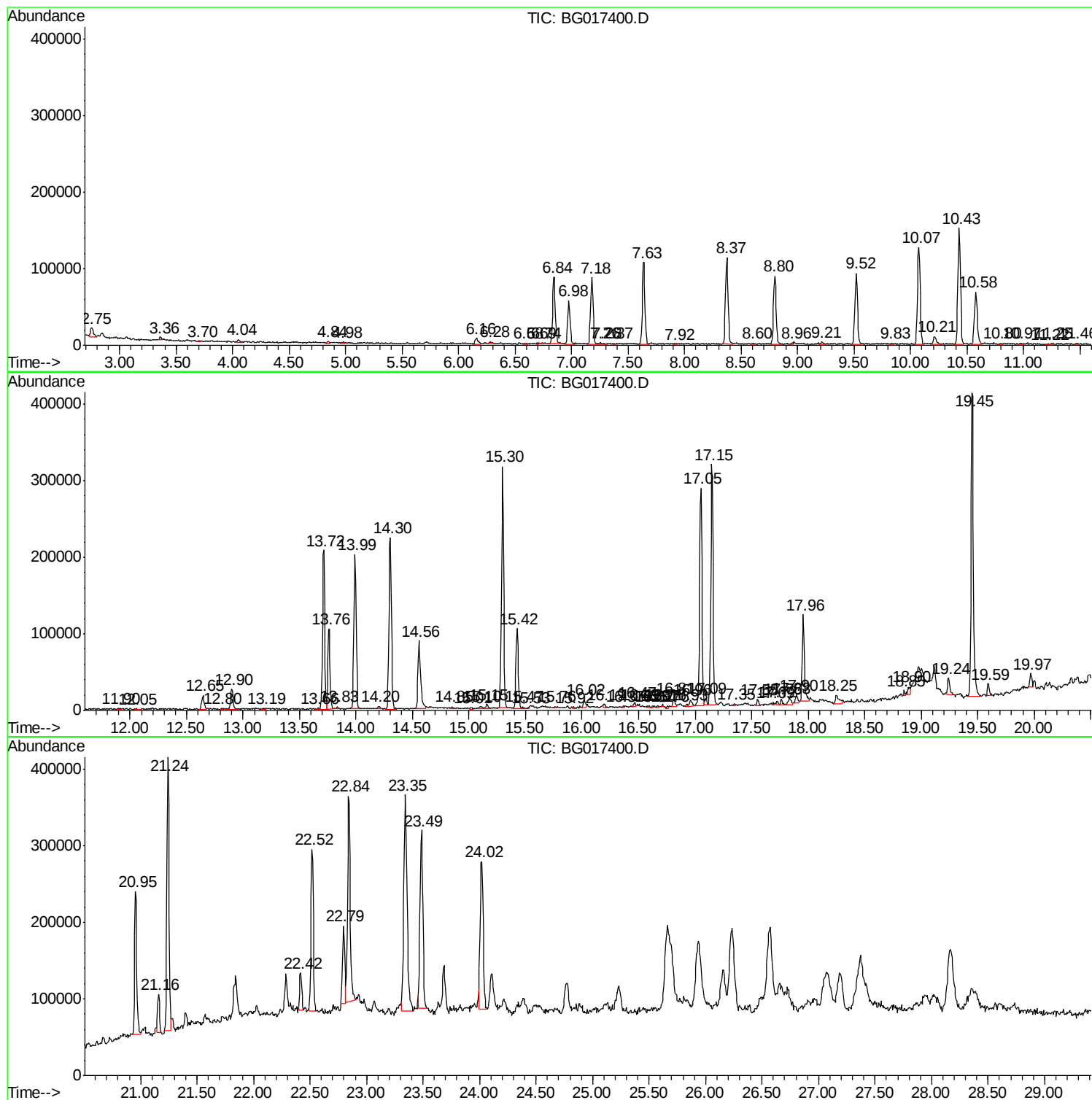
Sum of corrected areas: 8473586

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Instrument :
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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



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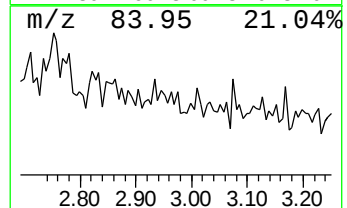
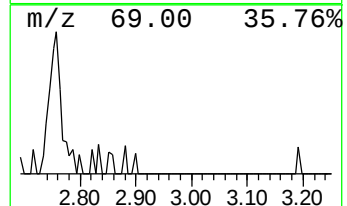
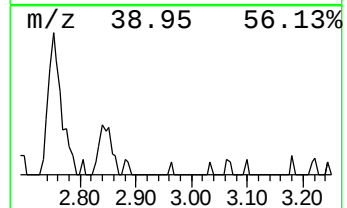
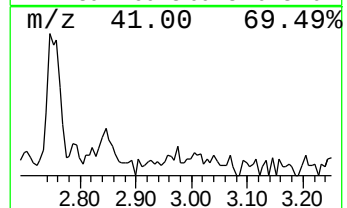
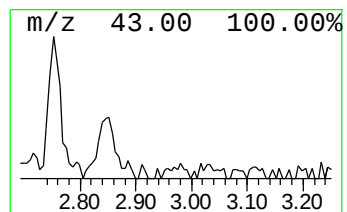
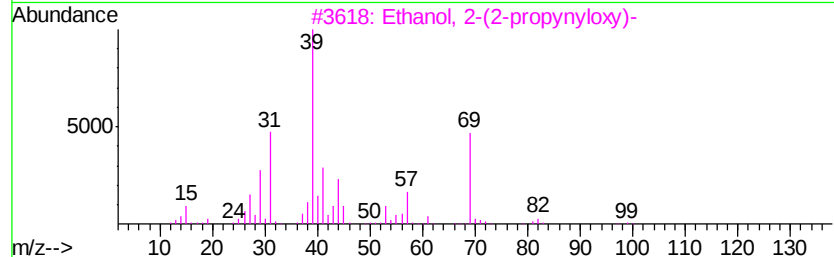
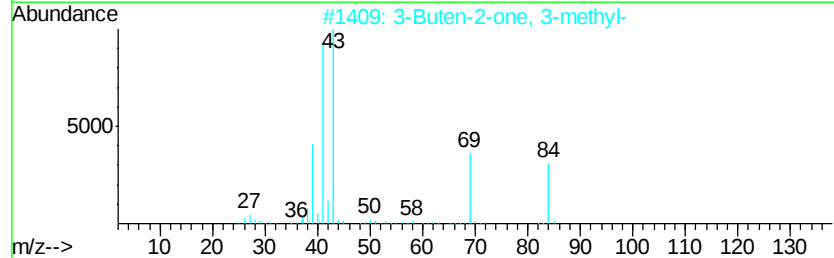
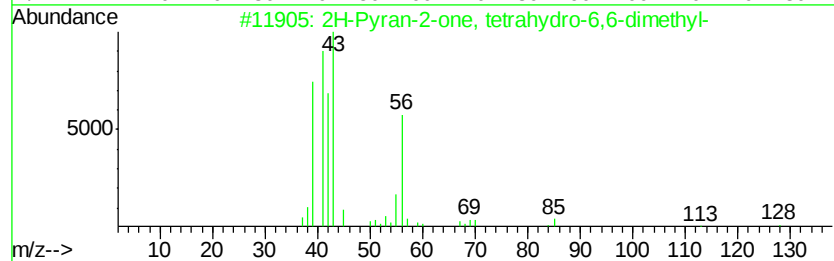
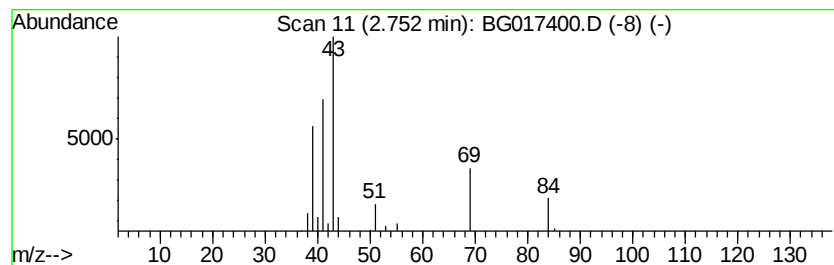
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	2.33 ng/ul	19735	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	28
2		3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	25
3		Ethanol, 2-(2-propynyloxy)-	100	C5H8O2	003973-18-0	23
4		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	17
5		Methacrolein	70	C4H6O	000078-85-3	17



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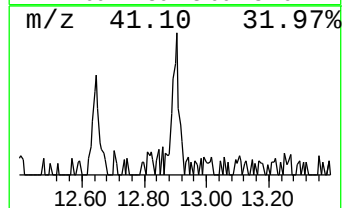
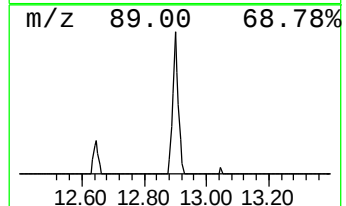
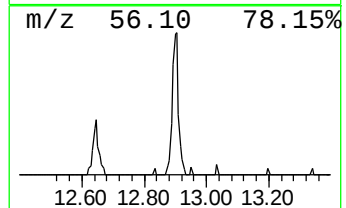
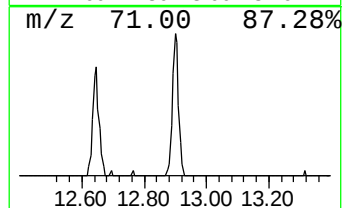
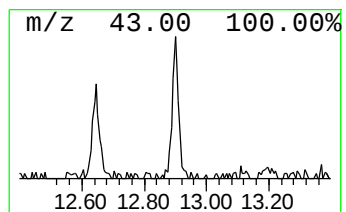
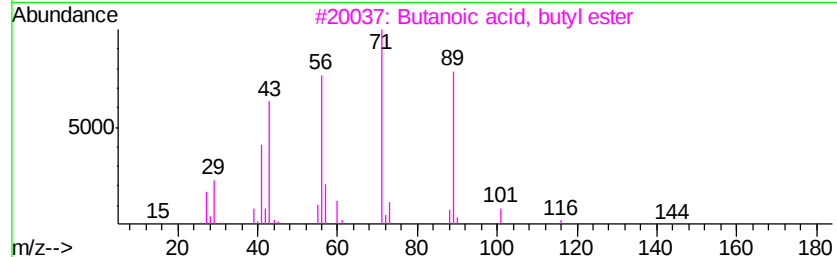
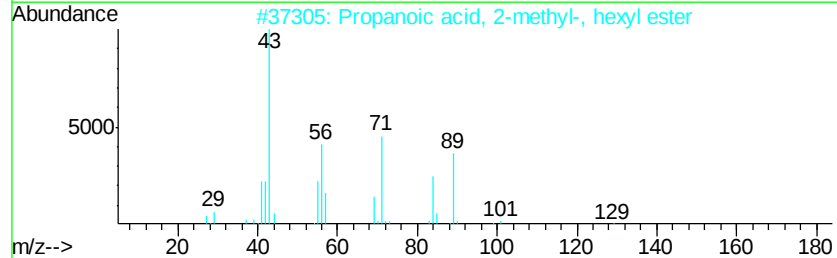
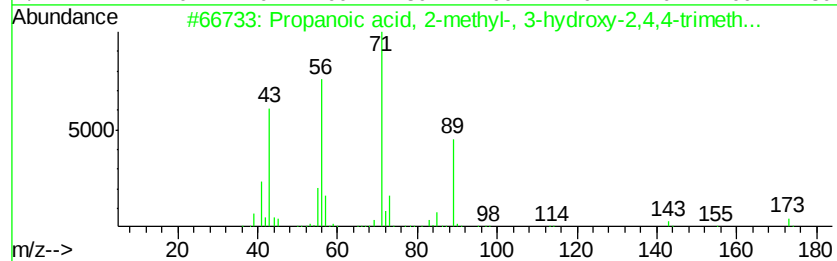
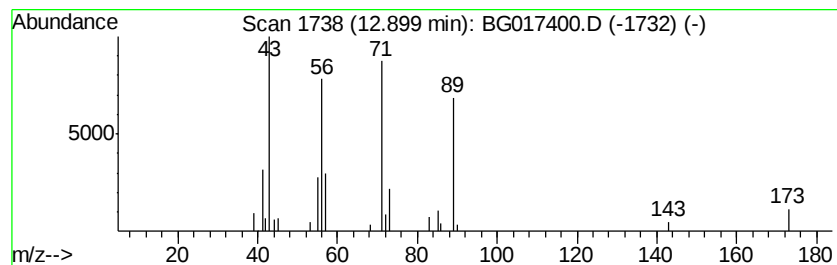
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.36 ng/ul	39503	Acenaphthene-d10	14.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	78
2		Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	72
3		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	56
5		Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56



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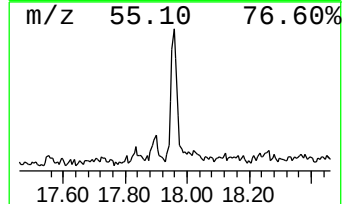
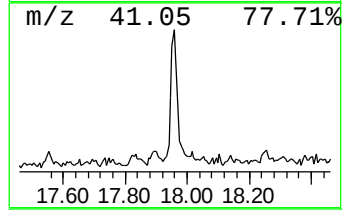
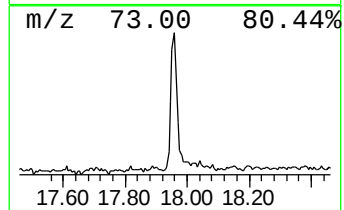
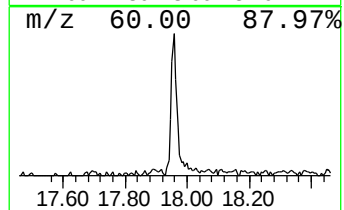
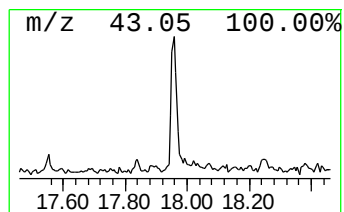
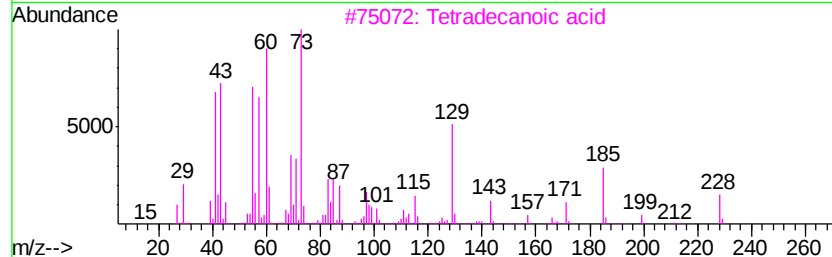
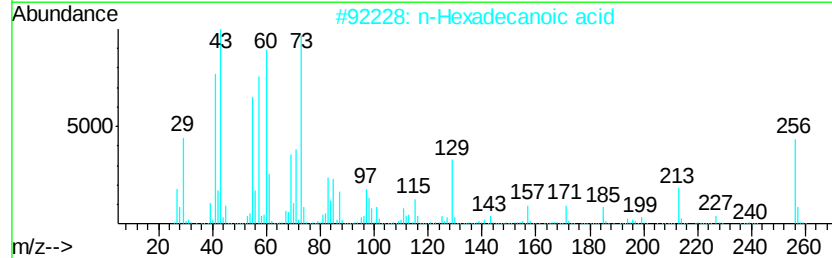
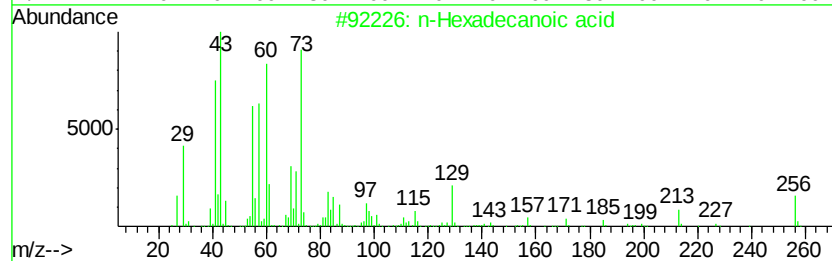
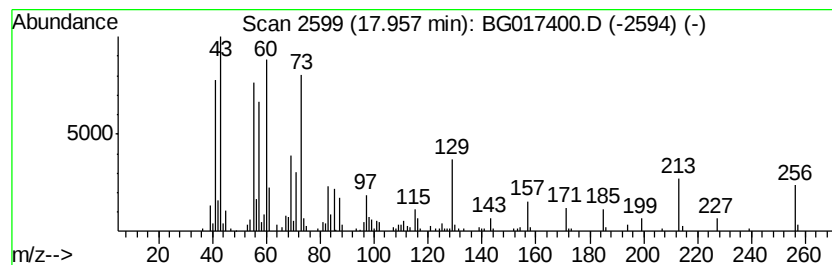
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.85 ng/ul	155905	Phenanthrene-d10	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017400.D
Acq On : 2 Jun 2015 18:12
Operator : TP/IZ
Sample : G2430-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRF6

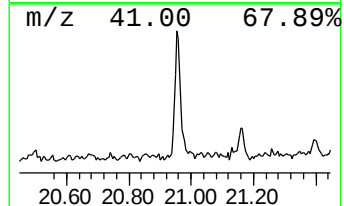
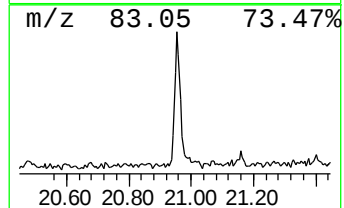
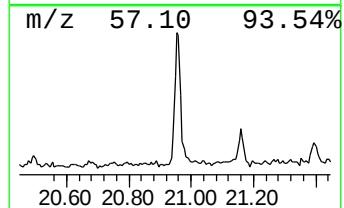
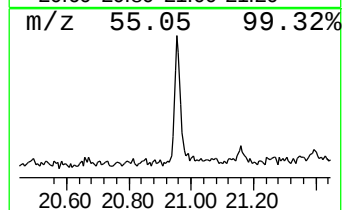
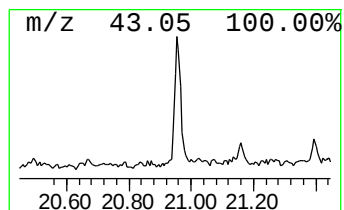
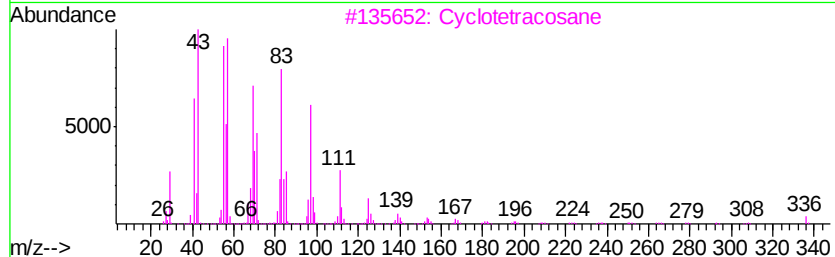
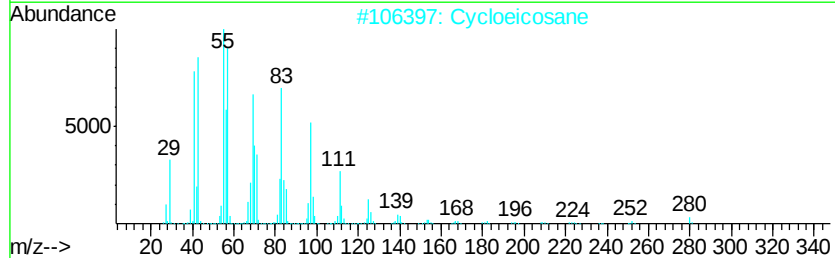
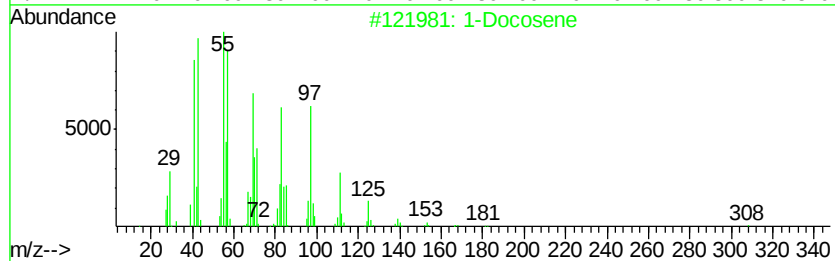
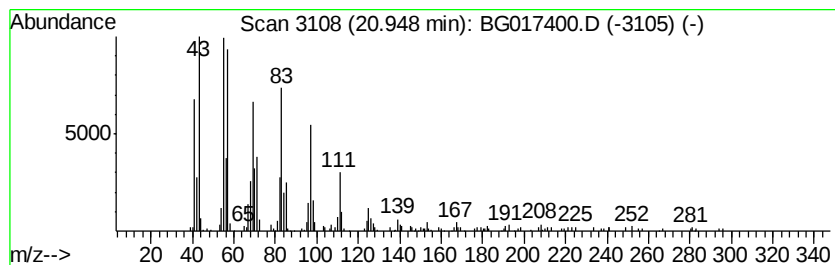
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	11.26 ng/ul	255556	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		Cycloeicosane	280	C20H40	000296-56-0	95
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		1-Docosene	308	C22H44	001599-67-3	94
5		1-Eicosene	280	C20H40	003452-07-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017400.D
Acq On : 2 Jun 2015 18:12
Operator : TP/IZ
Sample : G2430-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

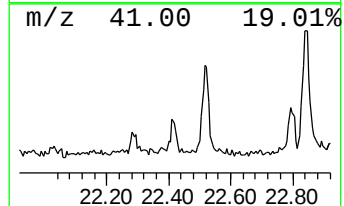
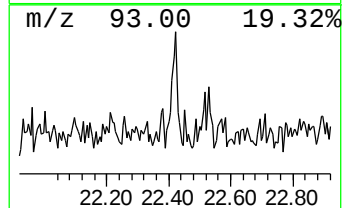
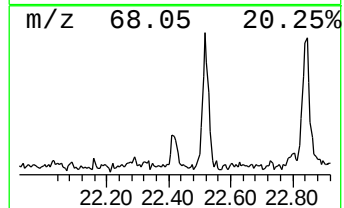
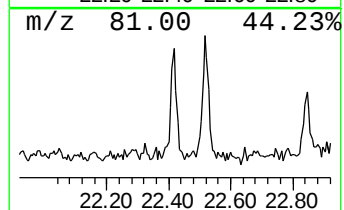
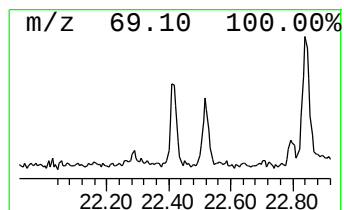
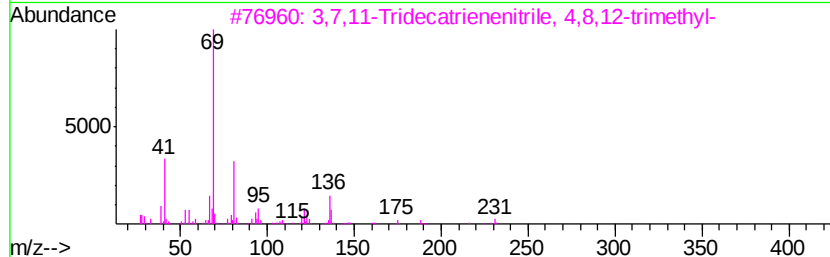
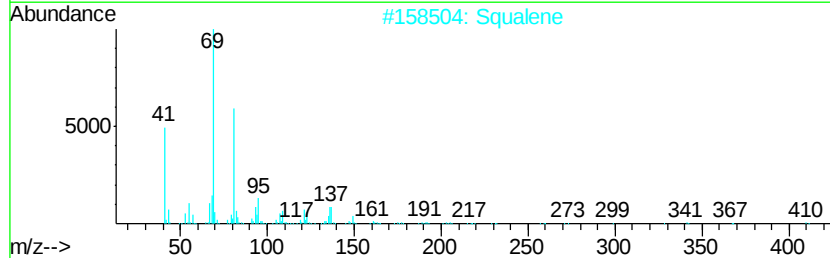
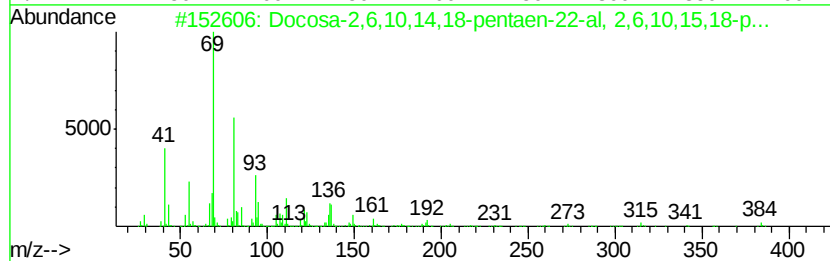
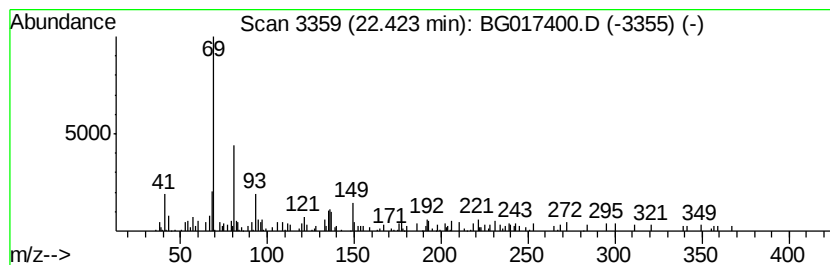
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Docosa-2,6,10,14,18-pentaen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.95 ng/ul	60697	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7 72
2		Squalene	410 C30H50	007683-64-9 72
3		3,7,11-Tridecatrienitrile, 4,8...	231 C16H25N	006006-01-5 72
4		4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7 64
5		Furan, 3-(4,8-dimethyl-3,7-nonad...	218 C15H22O	023262-34-2 64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017400.D
Acq On : 2 Jun 2015 18:12
Operator : TP/IZ
Sample : G2430-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

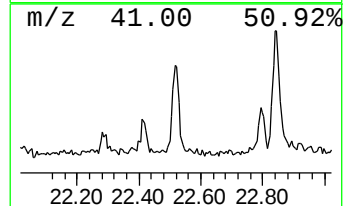
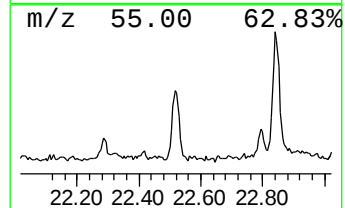
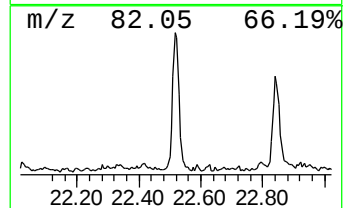
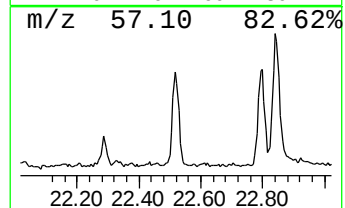
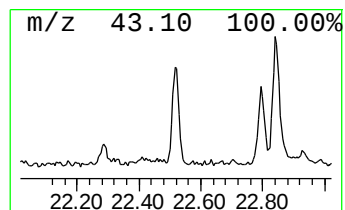
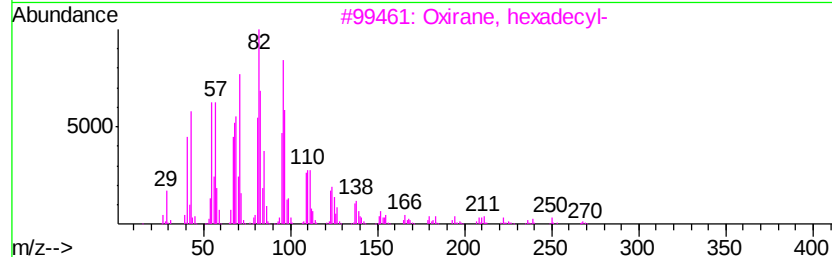
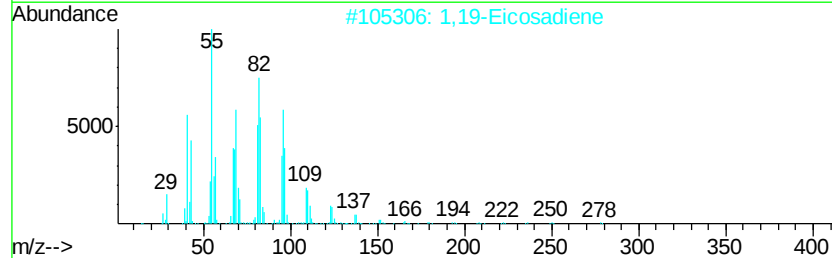
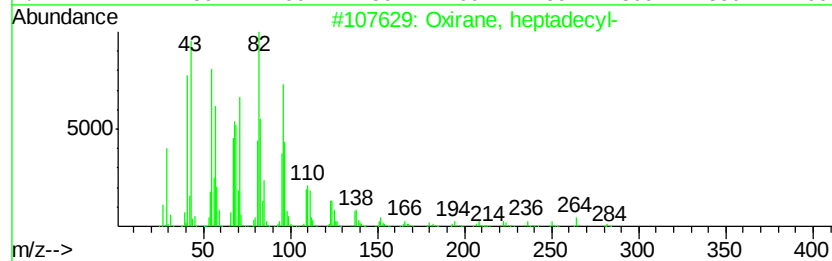
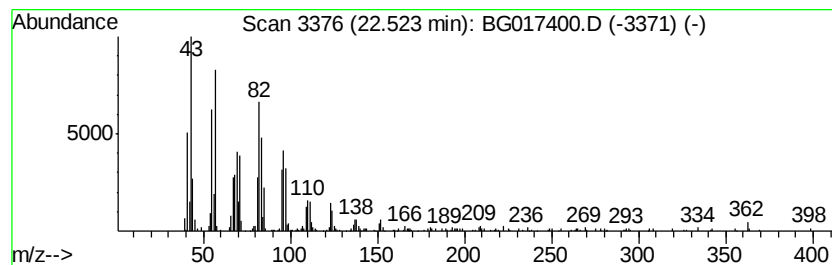
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Oxirane, heptadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	14.17 ng/ul	291396	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, heptadecyl-	282 C19H380	067860-04-2	95
2	1,19-Eicosadiene	278 C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268 C18H360	007390-81-0	91
4	Tetracosanal	352 C24H480	057866-08-7	91
5	Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017400.D
Acq On : 2 Jun 2015 18:12
Operator : TP/IZ
Sample : G2430-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRF6

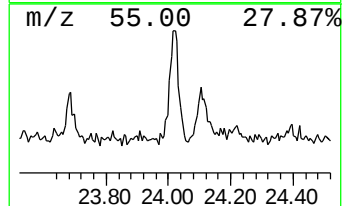
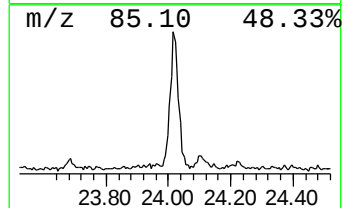
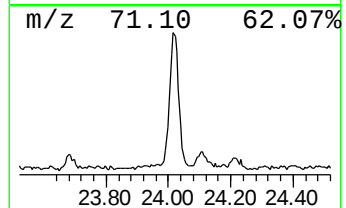
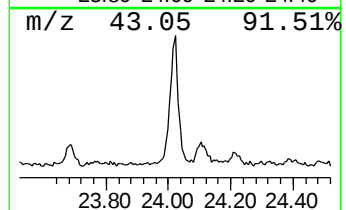
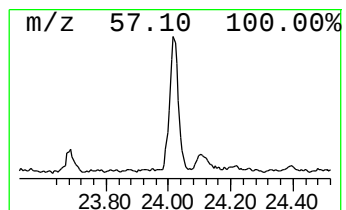
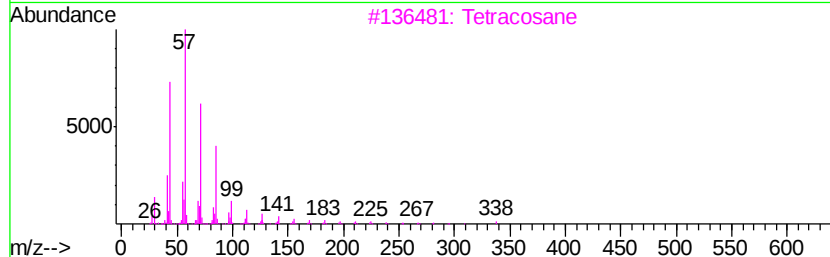
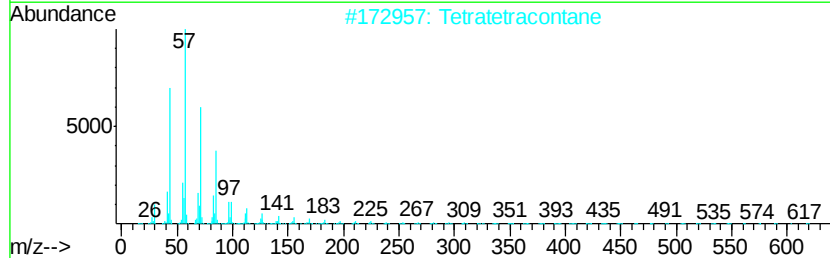
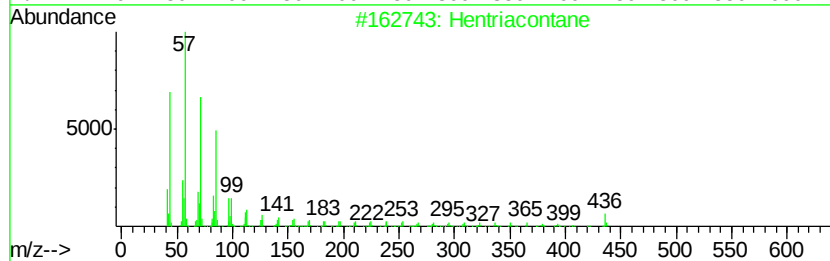
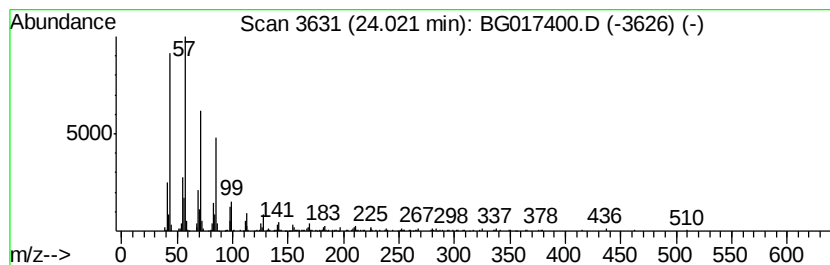
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	17.79 ng/ul	365725	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		10-Methylnonadecane	282	C20H42	056862-62-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017400.D
Acq On : 2 Jun 2015 18:12
Operator : TP/IZ
Sample : G2430-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRF6

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
unknown-01	2.75	2.3	ng/ul	19735	1	7.63	169694	20.0
Propanoic acid, 2...	12.90	2.4	ng/ul	39503	3	14.30	334487	20.0
n-Hexadecanoic acid	17.96	7.8	ng/ul	155905	4	17.05	397032	20.0
(DEL) Alkane: Cyc...	20.95	11.3	ng/ul	255556	5	21.24	454098	20.0
Docosa-2,6,10,14,...	22.42	3.0	ng/ul	60697	6	23.49	411243	20.0
Oxirane, heptadecyl-	22.52	14.2	ng/ul	291396	6	23.49	411243	20.0
(DEL) Alkane: Str...	24.02	17.8	ng/ul	365725	6	23.49	411243	20.0