

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017399.D
 Acq On : 2 Jun 2015 17:37
 Operator : TP/IZ
 Sample : G2430-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF0

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	3.059	60	63	68	rVB5	6596	10053	1.74%	0.110%
2	3.100	68	70	71	rBV	2493	1687	0.29%	0.018%
3	3.353	110	113	119	rBV2	6654	9581	1.66%	0.105%
4	5.297	441	444	448	rVB5	1186	1611	0.28%	0.018%
5	5.714	512	515	521	rVV4	2302	3379	0.58%	0.037%
6	6.032	566	569	572	rBV2	1266	1498	0.26%	0.016%
7	6.149	585	589	597	rVB2	10349	18481	3.20%	0.202%
8	6.278	608	611	615	rVB3	2446	3233	0.56%	0.035%
9	6.502	646	649	652	rVB4	1272	1685	0.29%	0.018%
10	6.543	652	656	658	rBV3	1016	1607	0.28%	0.018%
11	6.696	678	682	684	rBV4	1226	1635	0.28%	0.018%
12	6.843	699	707	714	rBV	112831	179219	31.01%	1.957%
13	6.978	724	730	736	rVB	66283	104477	18.08%	1.141%
14	7.177	758	764	771	rBV	111969	176199	30.49%	1.924%
15	7.636	837	842	848	rVV	105988	162752	28.16%	1.777%
16	7.700	851	853	857	rBV4	1128	1682	0.29%	0.018%
17	8.041	907	911	914	rVV2	990	1491	0.26%	0.016%
18	8.065	914	915	920	rVB2	1589	1736	0.30%	0.019%
19	8.370	960	967	978	rVB	136473	220909	38.23%	2.412%
20	8.799	1033	1040	1048	rVB	104375	167665	29.01%	1.831%
21	8.964	1062	1068	1070	rBV5	2642	4446	0.77%	0.049%
22	8.987	1070	1072	1076	rVB4	1988	1809	0.31%	0.020%
23	9.210	1106	1110	1112	rBV2	2918	3189	0.55%	0.035%
24	9.516	1157	1162	1170	rVV	103689	168501	29.16%	1.840%
25	9.569	1170	1171	1176	rVV3	1213	1503	0.26%	0.016%
26	9.616	1176	1179	1181	rVV2	1263	1516	0.26%	0.017%
27	9.739	1196	1200	1202	rVB4	1321	1752	0.30%	0.019%
28	10.068	1250	1256	1263	rBV	136136	232766	40.28%	2.541%
29	10.209	1275	1280	1284	rBV2	10823	16261	2.81%	0.178%
30	10.344	1300	1303	1307	rBV2	1010	1487	0.26%	0.016%
31	10.432	1311	1318	1324	rVB	146001	240874	41.68%	2.630%
32	10.573	1335	1342	1352	rBV	76342	137696	23.83%	1.503%
33	10.932	1401	1403	1407	rBV	1144	1767	0.31%	0.019%
34	11.202	1444	1449	1450	rBV2	1093	1528	0.26%	0.017%

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35	11.578	1509	1513	1516	rBV3	1056	1636	0.28%	0.018%
36	11.707	1533	1535	1539	rVB4	1323	1493	0.26%	0.016%
37	12.007	1583	1586	1590	rVB4	1147	1625	0.28%	0.018%
38	12.465	1661	1664	1666	rVV2	1411	1577	0.27%	0.017%
39	12.501	1666	1670	1674	rVV4	1338	1962	0.34%	0.021%
40	12.642	1689	1694	1705	rBV4	16198	25697	4.45%	0.281%
41	12.900	1733	1738	1745	rBV3	21807	33791	5.85%	0.369%
42	13.229	1791	1794	1797	rVV4	1485	1647	0.28%	0.018%
43	13.711	1870	1876	1880	rBV	212559	294865	51.02%	3.219%
44	13.758	1880	1884	1890	rVB	99103	126027	21.81%	1.376%
45	13.834	1895	1897	1898	rBV2	2432	1740	0.30%	0.019%
46	13.946	1914	1916	1917	rVV2	2314	1719	0.30%	0.019%
47	13.987	1917	1923	1932	rVB	254280	369655	63.97%	4.036%
48	14.204	1956	1960	1964	rVB2	3403	4621	0.80%	0.050%
49	14.299	1970	1976	1983	rVB2	209835	319038	55.21%	3.483%
50	14.557	2012	2020	2030	rBV	98715	172545	29.86%	1.884%
51	14.622	2030	2031	2034	rVV2	2441	1499	0.26%	0.016%
52	14.745	2049	2052	2056	rVB5	1838	2143	0.37%	0.023%
53	14.962	2087	2089	2092	rVB3	1841	1747	0.30%	0.019%
54	15.033	2096	2101	2105	rBV5	1627	3351	0.58%	0.037%
55	15.098	2110	2112	2115	rVV4	2824	3522	0.61%	0.038%
56	15.156	2119	2122	2126	rVB4	6382	7542	1.31%	0.082%
57	15.297	2140	2146	2152	rBV	329108	449731	77.82%	4.910%
58	15.427	2162	2168	2176	rBV2	108908	151059	26.14%	1.649%
59	15.526	2183	2185	2187	rBV3	1433	1644	0.28%	0.018%
60	15.855	2239	2241	2244	rVB3	2430	2534	0.44%	0.028%
61	15.891	2244	2247	2249	rBV3	2120	2553	0.44%	0.028%
62	15.908	2249	2250	2254	rVV4	2292	1602	0.28%	0.017%
63	16.020	2265	2269	2275	rBV6	8599	12273	2.12%	0.134%
64	16.108	2280	2284	2285	rBV3	2461	2513	0.43%	0.027%
65	16.190	2293	2298	2302	rBV5	3725	7090	1.23%	0.077%
66	16.461	2341	2344	2355	rBV10	7302	15069	2.61%	0.165%
67	16.561	2359	2361	2363	rBV3	1807	1717	0.30%	0.019%
68	16.660	2376	2378	2380	rBV3	2440	1806	0.31%	0.020%
69	16.702	2383	2385	2386	rBV2	2839	2594	0.45%	0.028%
70	16.813	2400	2404	2409	rBV3	10923	14070	2.43%	0.154%
71	16.854	2409	2411	2413	rBV2	2914	2827	0.49%	0.031%

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72	16.954	2425	2428	2433	rBV6	5029	8332	1.44%	0.091%
73	17.048	2438	2444	2449	rBV	268064	363991	62.99%	3.974%
74	17.148	2456	2461	2467	rVV	352882	478374	82.78%	5.223%
75	17.224	2471	2474	2478	rBV6	5159	6804	1.18%	0.074%
76	17.283	2481	2484	2487	rBV4	2425	3257	0.56%	0.036%
77	17.442	2507	2511	2516	rBV8	5229	10244	1.77%	0.112%
78	17.554	2528	2530	2532	rVB3	5885	4327	0.75%	0.047%
79	17.659	2546	2548	2552	rBV5	3211	3811	0.66%	0.042%
80	17.753	2562	2564	2565	rBV	4305	2746	0.48%	0.030%
81	17.836	2573	2578	2584	rBV7	10868	16436	2.84%	0.179%
82	17.894	2584	2588	2592	rBV2	65195	90301	15.63%	0.986%
83	17.959	2594	2599	2610	rVB	166203	243005	42.05%	2.653%
84	18.247	2645	2648	2653	rBV6	8703	14077	2.44%	0.154%
85	18.617	2709	2711	2713	rBV3	5121	4659	0.81%	0.051%
86	18.852	2749	2751	2753	rBV2	7360	6674	1.15%	0.073%
87	19.116	2793	2796	2800	rVB	25729	29670	5.13%	0.324%
88	19.240	2814	2817	2824	rVB3	36281	52251	9.04%	0.570%
89	19.451	2848	2853	2864	rVB	411992	577901	100.00%	6.309%
90	19.968	2938	2941	2945	rBV5	14912	22801	3.95%	0.249%
91	20.955	3105	3109	3118	rBV	217966	272141	47.09%	2.971%
92	21.237	3153	3157	3162	rBV	327073	437364	75.68%	4.775%
93	21.843	3256	3260	3268	rVB	154397	215350	37.26%	2.351%
94	22.413	3353	3357	3365	rVB	131974	178253	30.84%	1.946%
95	22.512	3370	3374	3380	rVB	214871	305868	52.93%	3.339%
96	22.794	3419	3422	3425	rBV2	89755	109831	19.01%	1.199%
97	22.841	3425	3430	3438	rVB	299532	477037	82.55%	5.208%
98	23.341	3509	3515	3527	rVB2	281680	577168	99.87%	6.301%
99	23.482	3534	3539	3549	rVB2	211127	400521	69.31%	4.373%
100	24.017	3625	3630	3637	rVB	164755	311971	53.98%	3.406%

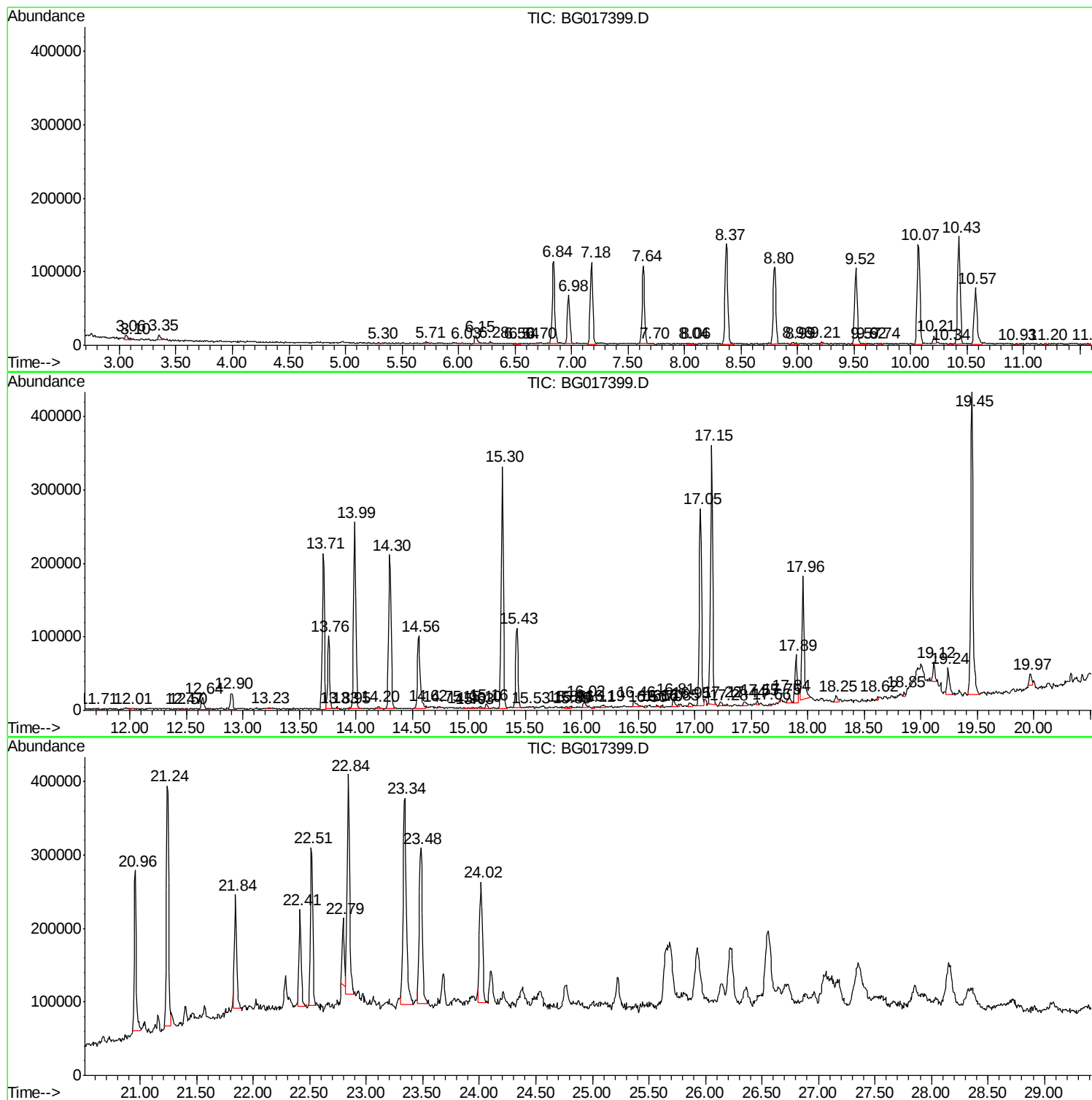
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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



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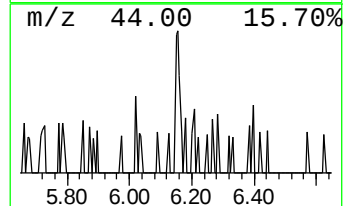
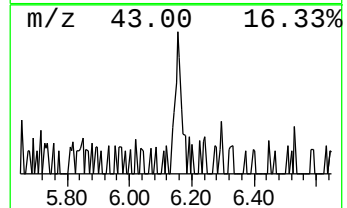
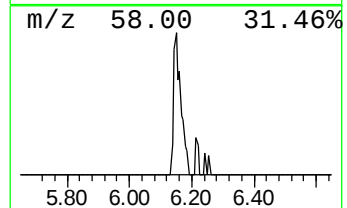
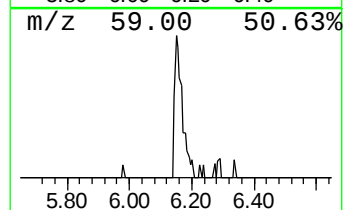
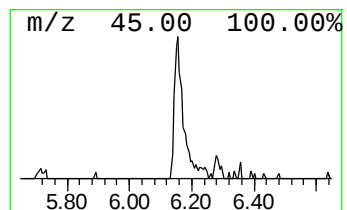
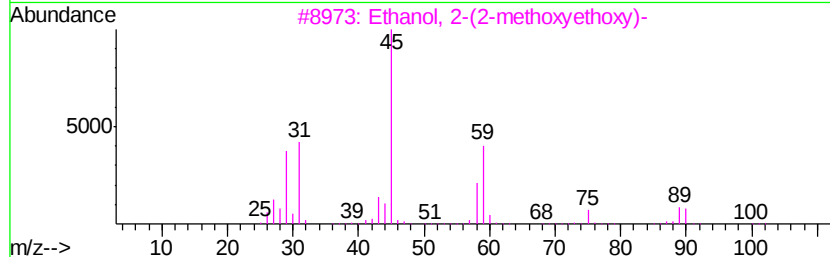
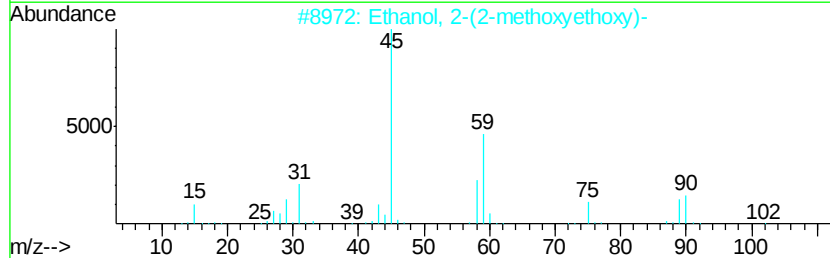
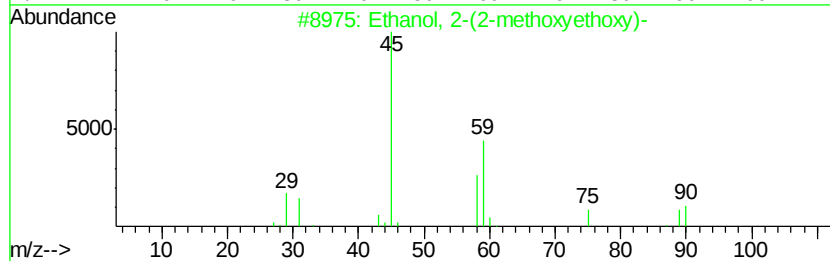
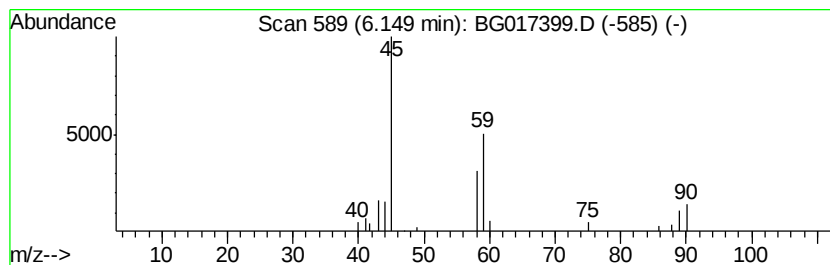
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	2.27 ng/ul	18481	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	78
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	78
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	64
5		Triethylene glycol	150	C6H14O4	000112-27-6	33



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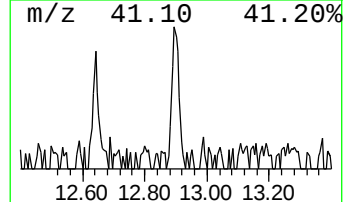
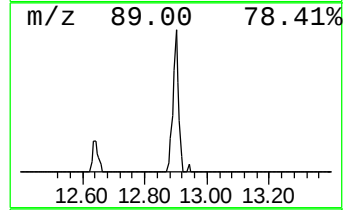
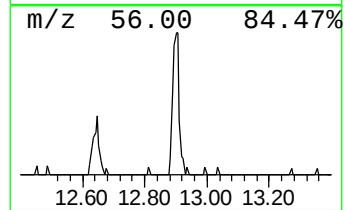
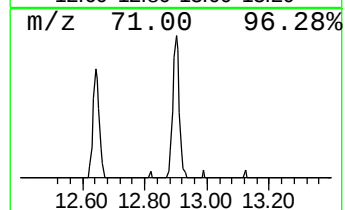
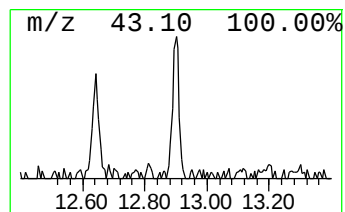
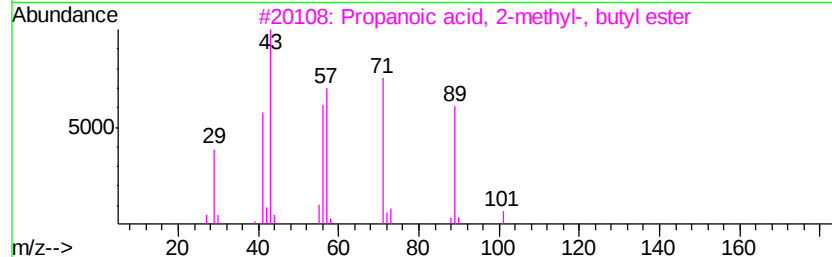
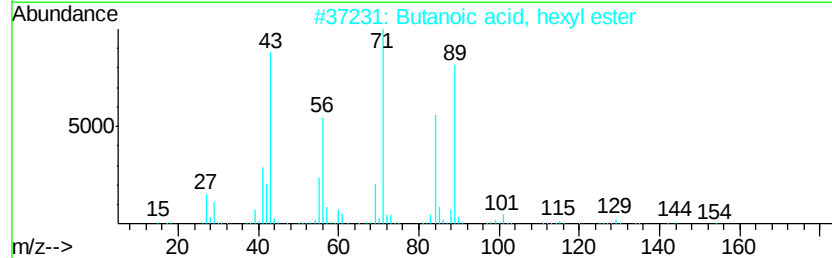
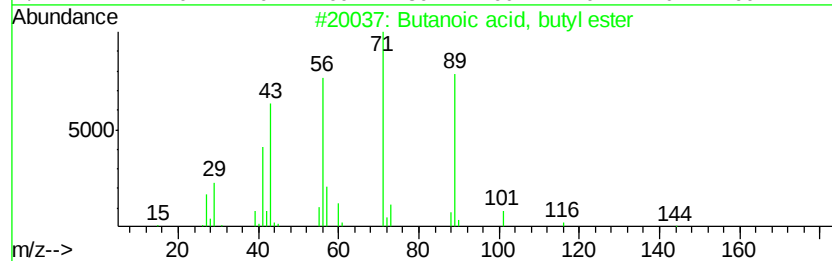
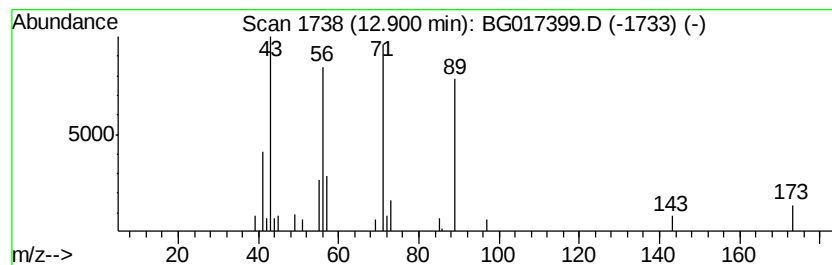
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.12 ng/ul	33791	Acenaphthene-d10	14.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	78
2	Butanoic acid, hexyl ester	172 C10H20O2	002639-63-6	78
3	Propanoic acid, 2-methyl-, butyl...	144 C8H16O2	000097-87-0	64
4	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	64
5	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	45



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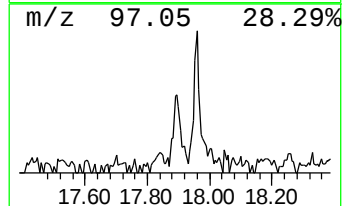
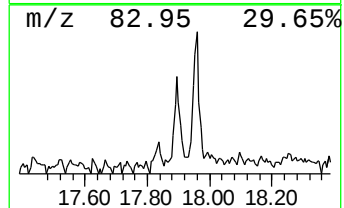
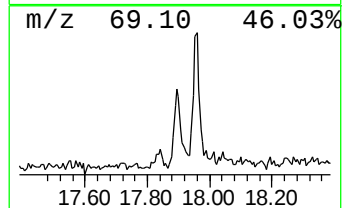
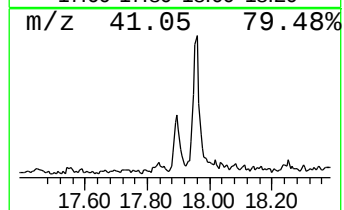
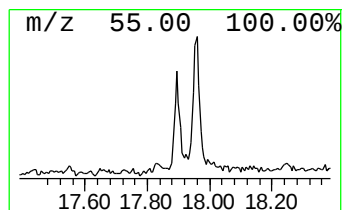
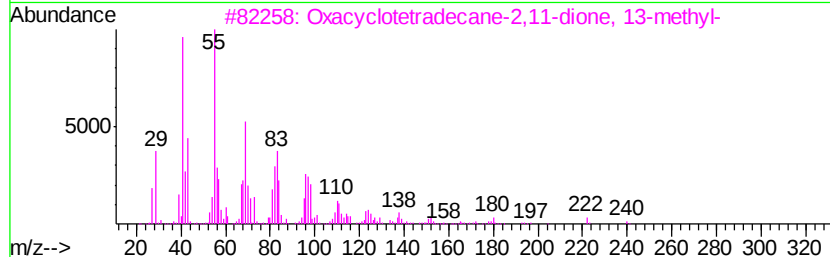
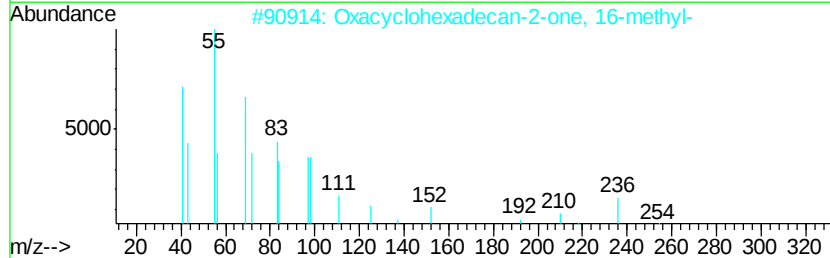
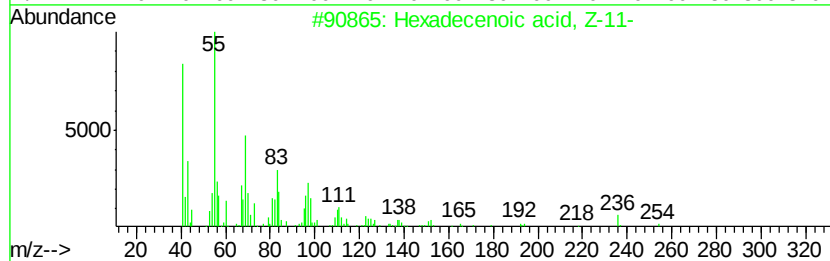
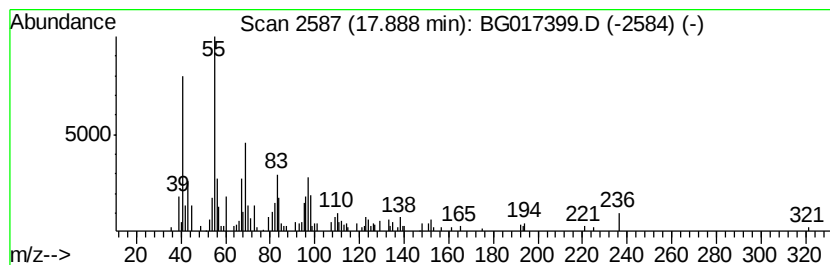
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.96 ng/ul	90301	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	98
2		Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	92
3		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	80
4		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	80
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70



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Data File : BG017399.D
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Sample : G2430-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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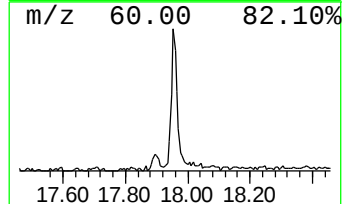
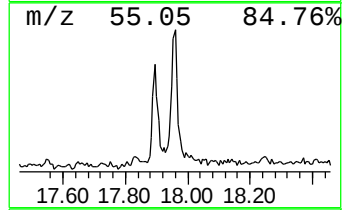
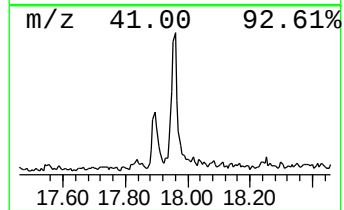
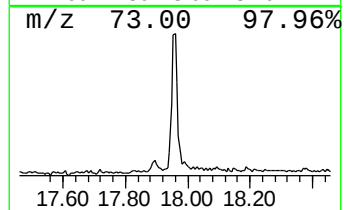
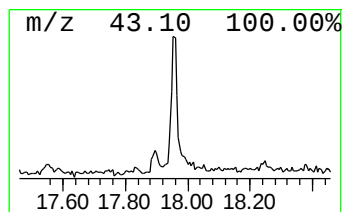
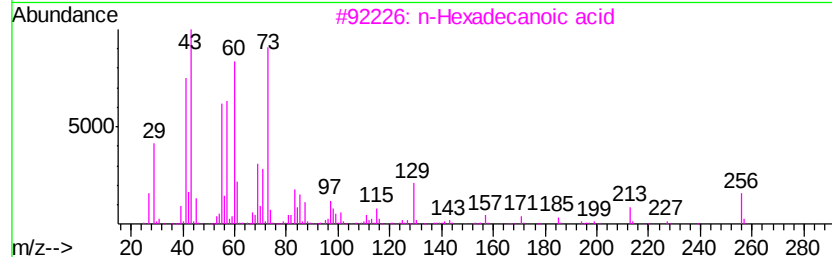
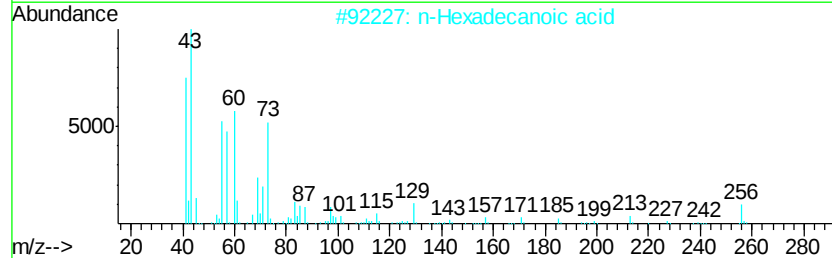
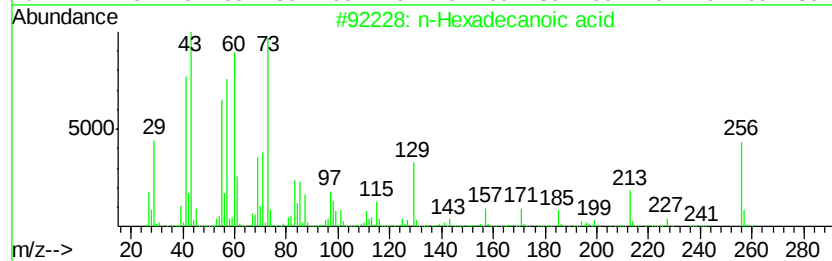
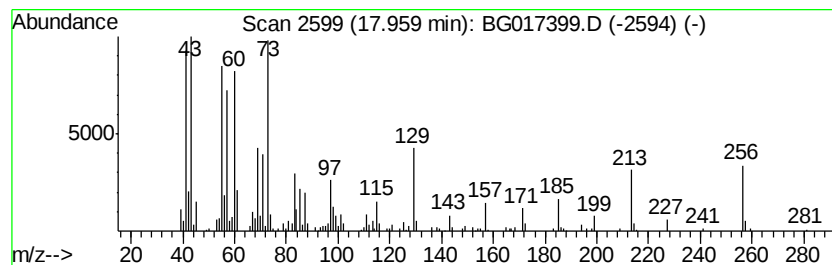
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	13.35 ng/ul	243005	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		n-Decanoic acid	172	C10H20O2	000334-48-5	86
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017399.D
Acq On : 2 Jun 2015 17:37
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Misc :
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Instrument :
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ClientSampleId :
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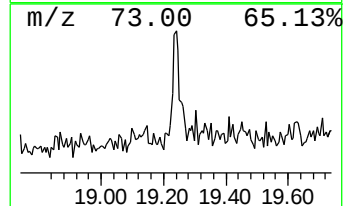
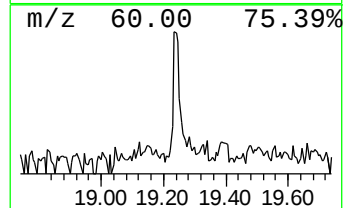
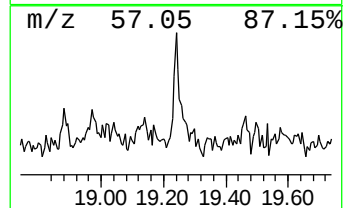
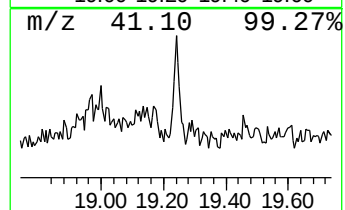
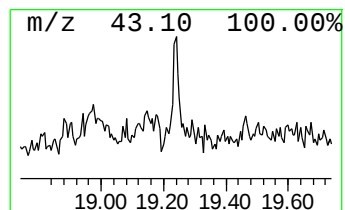
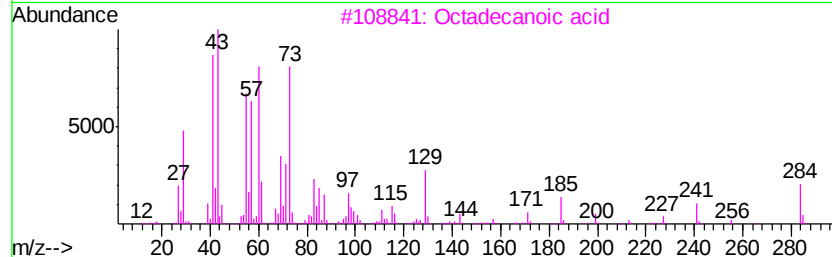
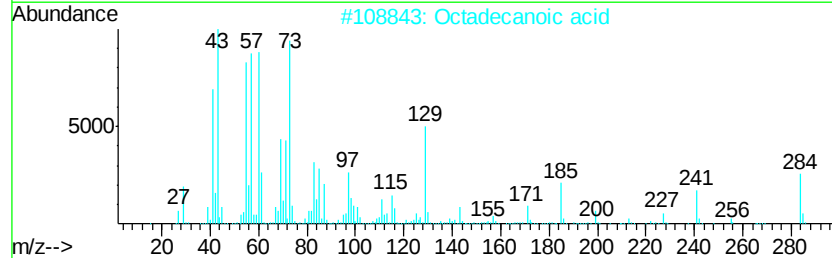
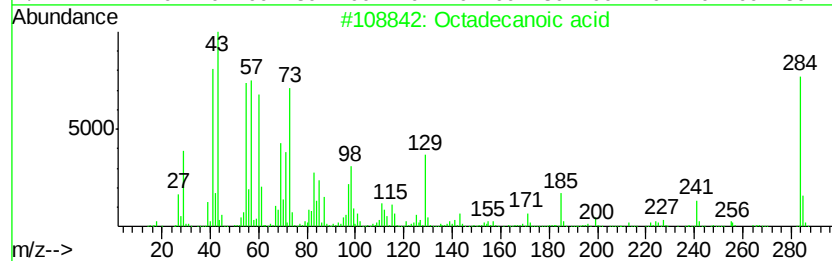
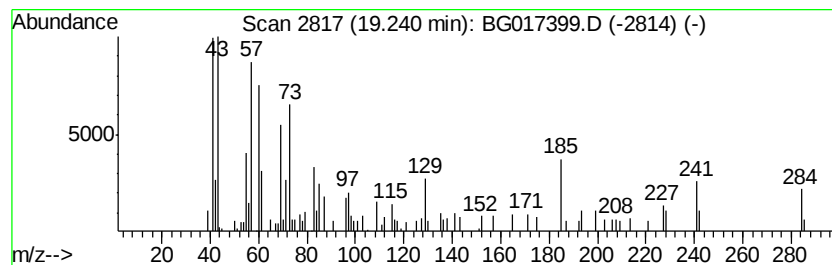
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.39 ng/ul	52251	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2		Octadecanoic acid	284	C18H36O2	000057-11-4	89
3		Octadecanoic acid	284	C18H36O2	000057-11-4	70
4		Octadecanoic acid	284	C18H36O2	000057-11-4	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017399.D
Acq On : 2 Jun 2015 17:37
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Sample : G2430-19
Misc :
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ClientSampleId :
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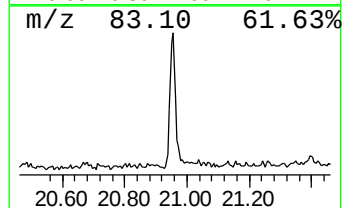
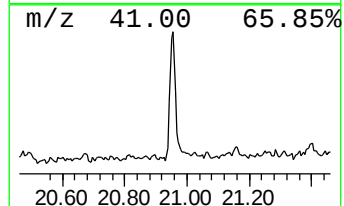
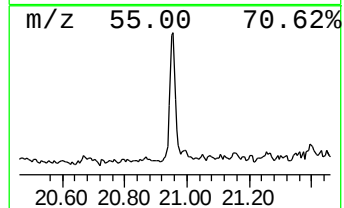
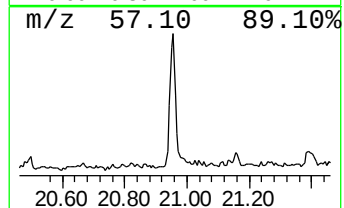
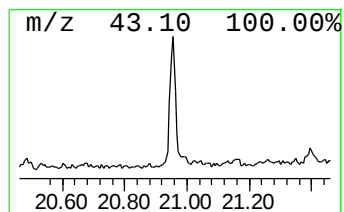
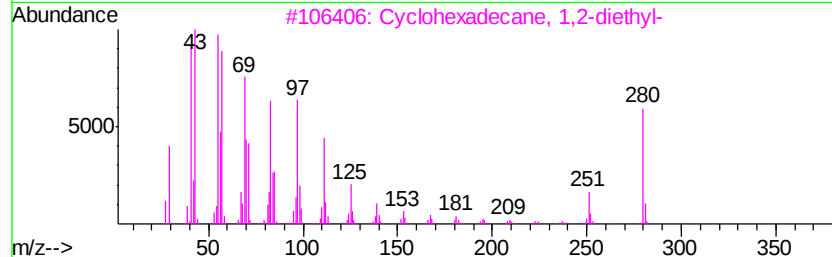
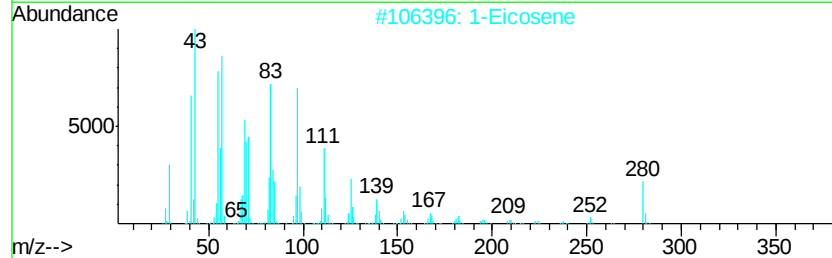
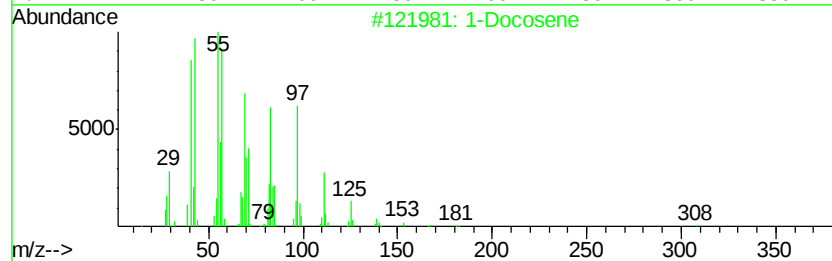
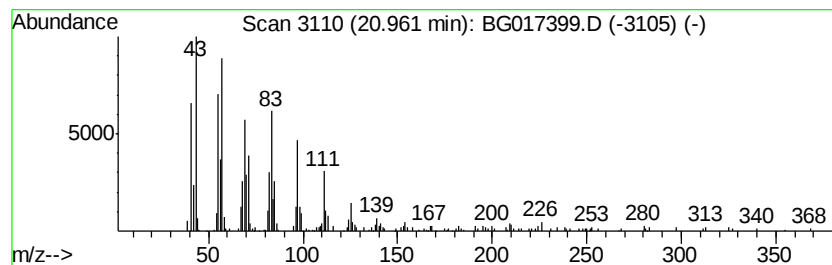
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	12.44 ng/ul	272141	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		1-Eicosene	280	C20H40	003452-07-1	97
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
4		1-Docosene	308	C22H44	001599-67-3	96
5		Cyclotetracosane	336	C24H48	000297-03-0	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017399.D
Acq On : 2 Jun 2015 17:37
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Sample : G2430-19
Misc :
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Instrument :
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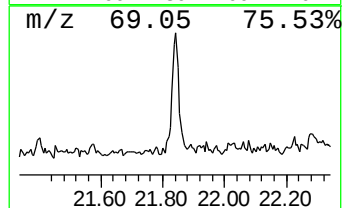
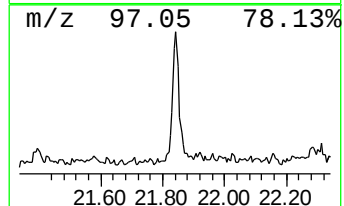
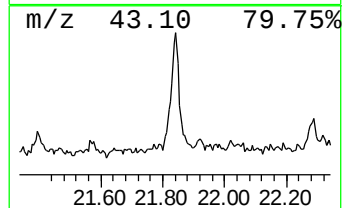
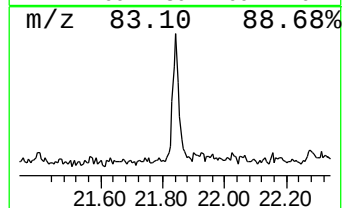
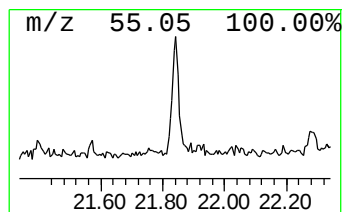
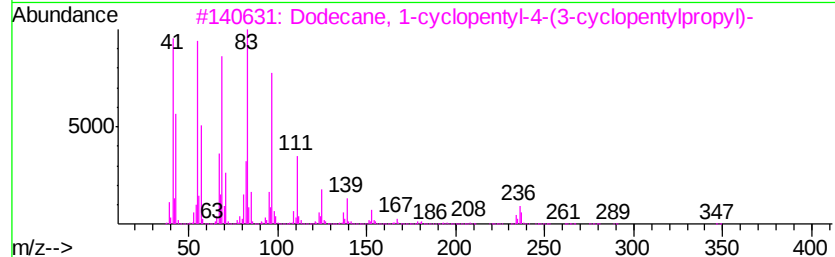
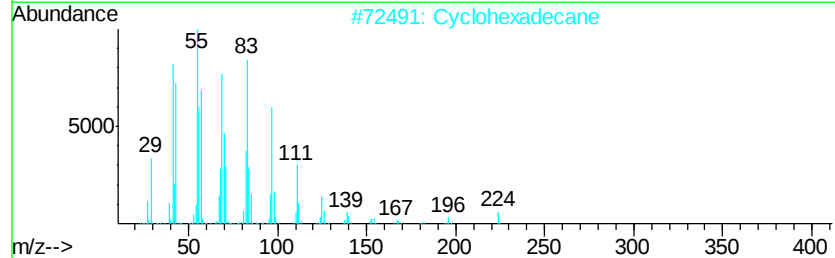
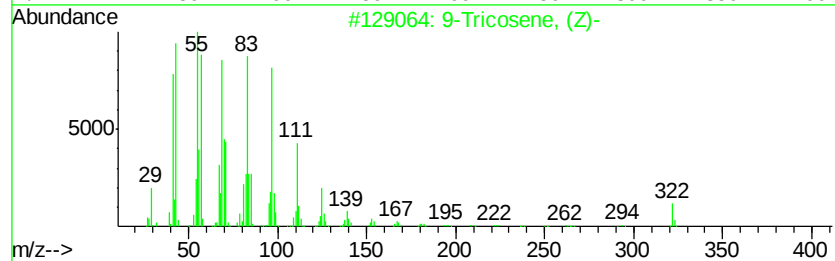
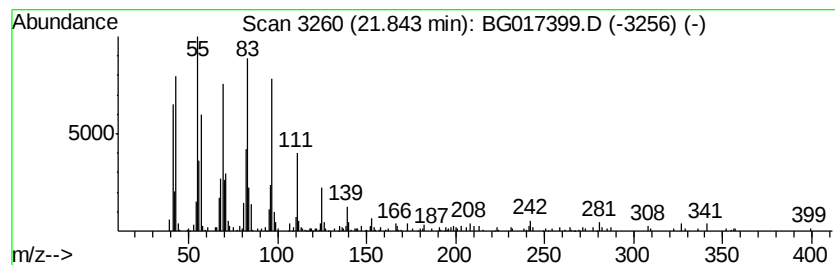
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.84 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	9.85 ng/ul	215350	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
2		Cyclohexadecane	224	C16H32	000295-65-8	80
3		Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	72
4		1-Hentetracontanol	593	C41H84O	040710-42-7	64
5		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
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Sample : G2430-19
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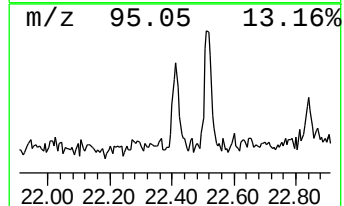
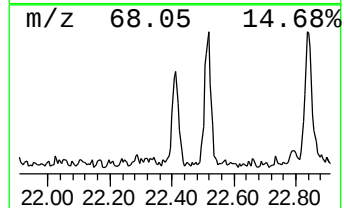
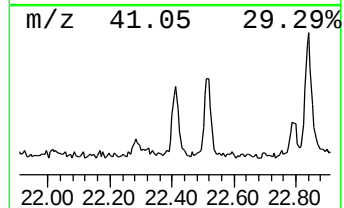
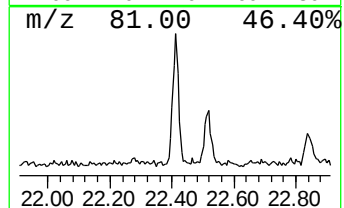
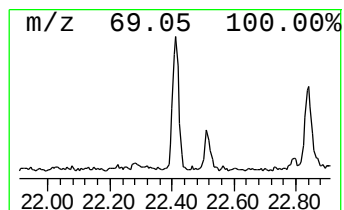
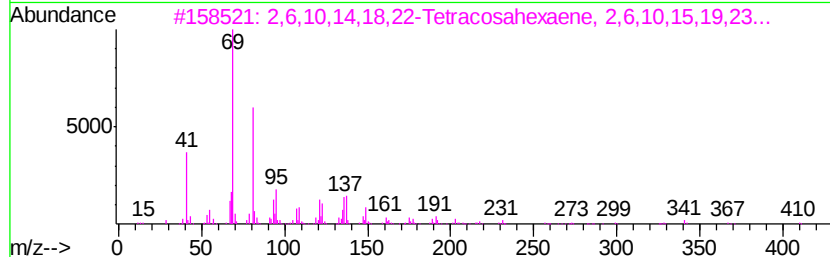
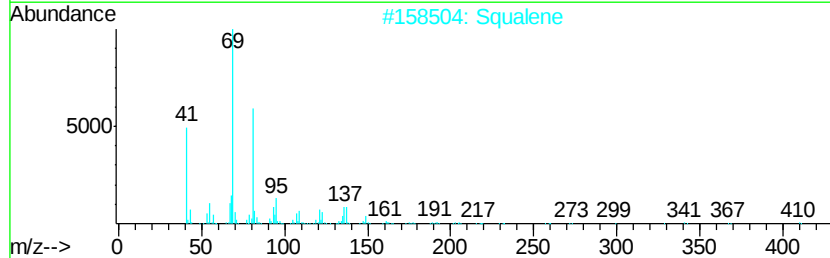
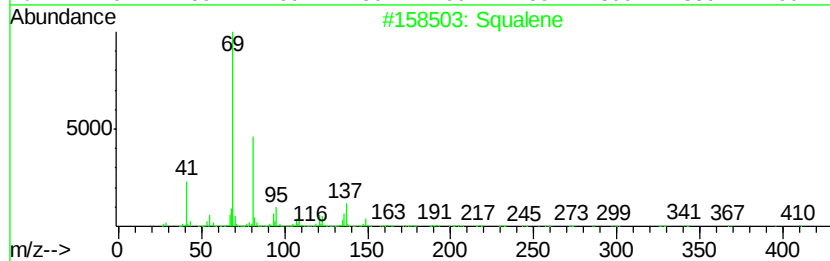
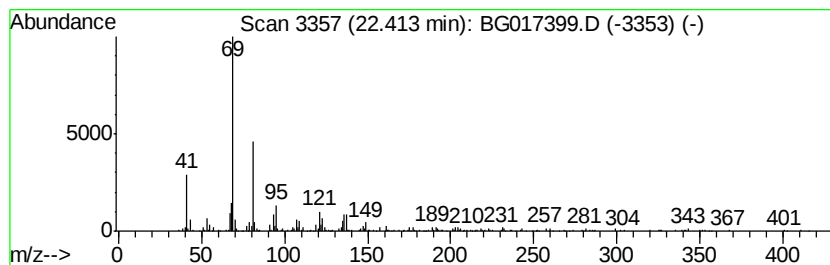
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	8.90 ng/ul	178253	Perylene-d12	23.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	94
2	Squalene	410 C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
4	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	72
5	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017399.D
Acq On : 2 Jun 2015 17:37
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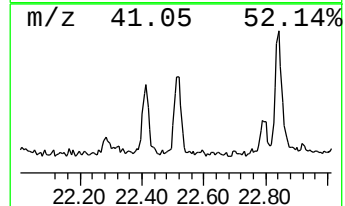
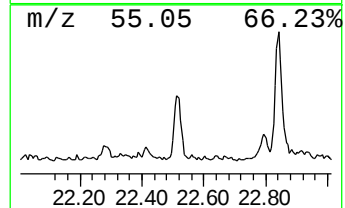
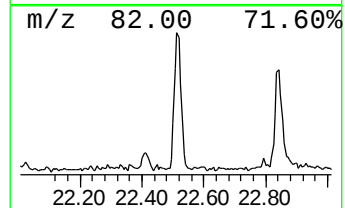
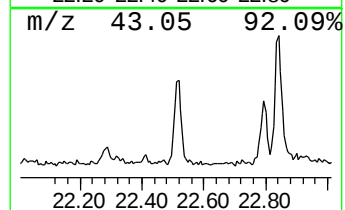
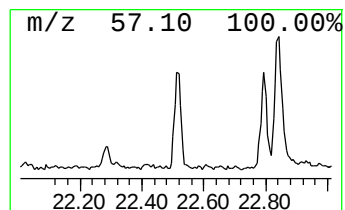
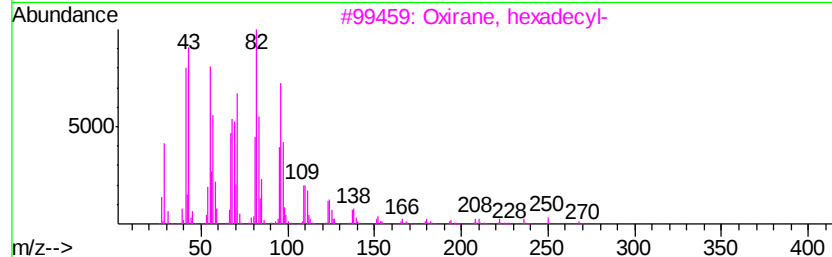
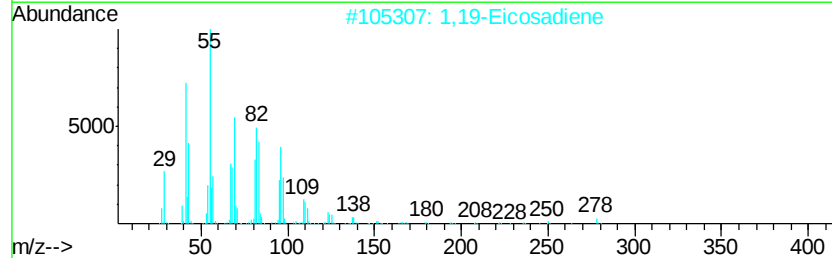
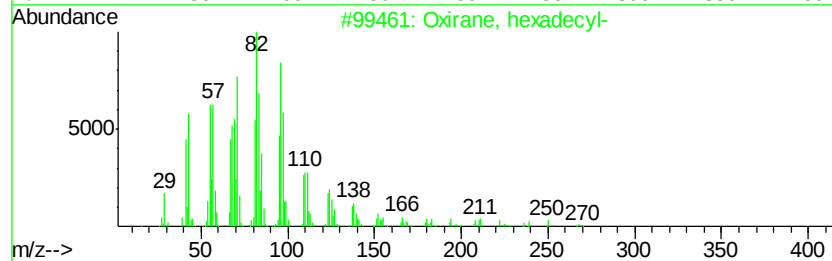
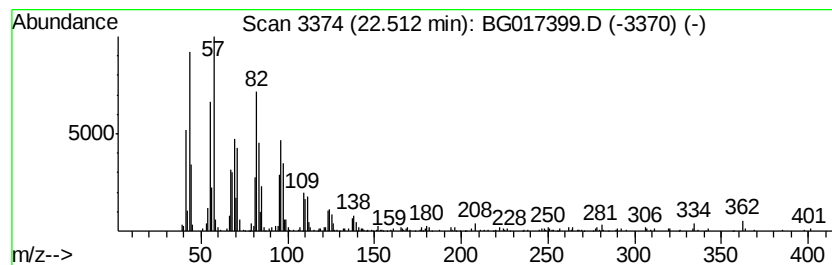
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	15.27 ng/ul	305868	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	99
2		1,19-Eicosadiene	278	C20H38	014811-95-1	99
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
4		1,21-Docosadiene	306	C22H42	053057-53-7	93
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017399.D
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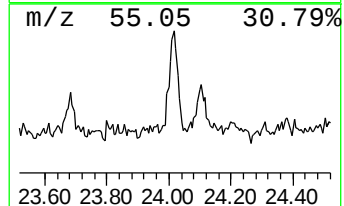
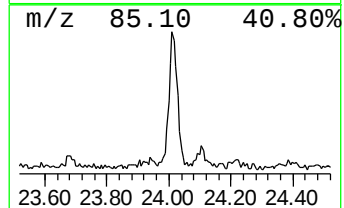
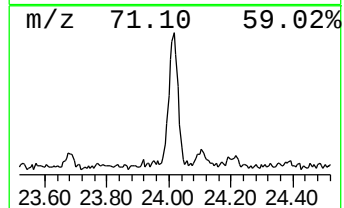
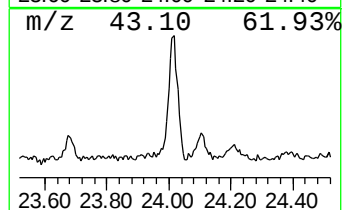
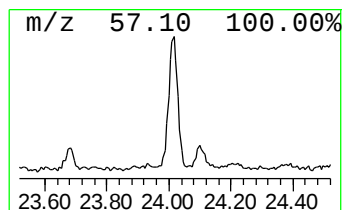
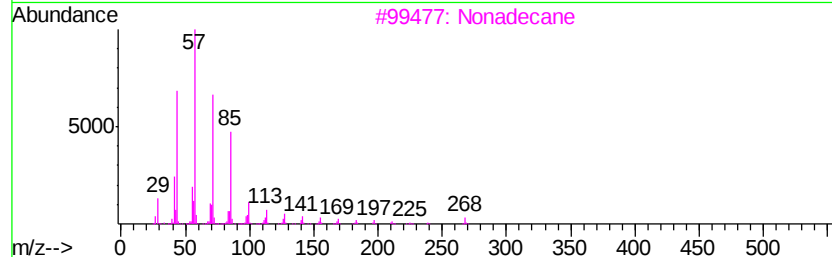
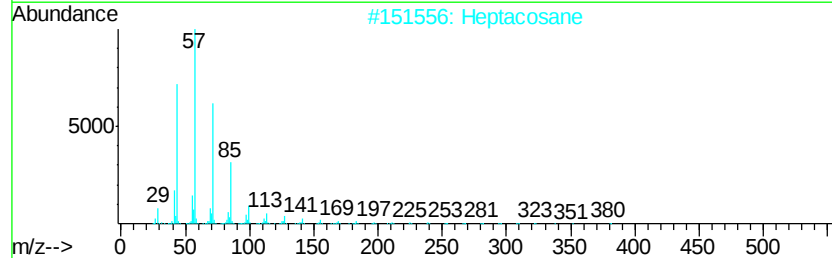
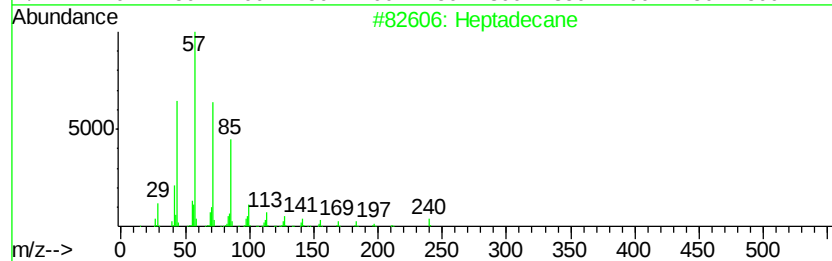
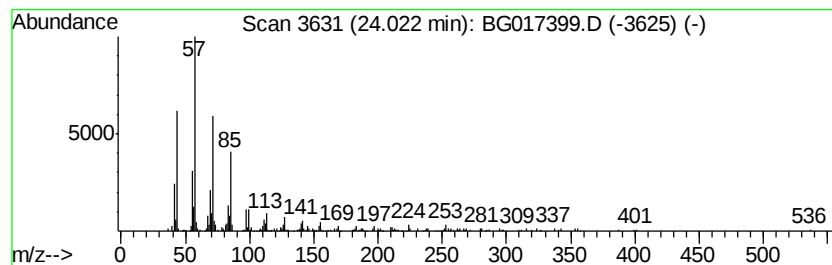
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	15.58 ng/ul	311971	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	80
2		Heptacosane	380	C27H56	000593-49-7	80
3		Nonadecane	268	C19H40	000629-92-5	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Octadecane, 3-methyl-	268	C19H40	006561-44-0	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017399.D
 Acq On : 2 Jun 2015 17:37
 Operator : TP/IZ
 Sample : G2430-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF0

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...	6.15	2.3	ng/ul	18481	1	7.64	162752	20.0
Butanoic acid, bu...	12.90	2.1	ng/ul	33791	3	14.30	319038	20.0
Hexadecenoic acid...	17.89	5.0	ng/ul	90301	4	17.05	363991	20.0
n-Hexadecanoic acid	17.96	13.4	ng/ul	243005	4	17.05	363991	20.0
Octadecanoic acid	19.24	2.4	ng/ul	52251	5	21.24	437364	20.0
(DEL) Alkane: Cyc...	20.96	12.4	ng/ul	272141	5	21.24	437364	20.0
(DEL) Alkane: Cyc...	21.84	9.8	ng/ul	215350	5	21.24	437364	20.0
Squalene	22.41	8.9	ng/ul	178253	6	23.48	400521	20.0
Oxirane, hexadecyl-	22.51	15.3	ng/ul	305868	6	23.48	400521	20.0
(DEL) Alkane: Str...	24.02	15.6	ng/ul	311971	6	23.48	400521	20.0