

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019044.D
 Acq On : 6 Oct 2015 1:54
 Operator : UM/NP
 Sample : G3865-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY7

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-BG100415.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	2.947	15	18	26	rVB	11853	18744	1.24%	0.130%
2	3.164	50	55	63	rBV2	75320	152281	10.05%	1.056%
3	3.241	63	68	88	rVB	528028	771185	50.91%	5.350%
4	3.417	94	98	102	rBV4	4241	5886	0.39%	0.041%
5	3.505	107	113	118	rVB3	4905	7827	0.52%	0.054%
6	3.781	156	160	166	rBV2	2306	3804	0.25%	0.026%
7	4.016	191	200	208	rVB	13712	21328	1.41%	0.148%
8	4.792	328	332	337	rBV3	2228	3050	0.20%	0.021%
9	5.162	387	395	401	rVB4	3424	6793	0.45%	0.047%
10	5.250	401	410	418	rBV2	4172	8548	0.56%	0.059%
11	5.479	446	449	454	rBV6	2559	3814	0.25%	0.026%
12	7.036	707	714	724	rBV5	6362	14390	0.95%	0.100%
13	7.213	736	744	752	rBV	110079	186210	12.29%	1.292%
14	7.371	764	771	779	rBV	96893	161745	10.68%	1.122%
15	7.583	801	807	815	rBV	120960	204833	13.52%	1.421%
16	8.053	880	887	893	rBV	189311	330841	21.84%	2.295%
17	8.106	893	896	901	rVB2	4124	6328	0.42%	0.044%
18	8.599	975	980	984	rBV3	1737	3467	0.23%	0.024%
19	8.752	997	1006	1013	rBV	108082	184325	12.17%	1.279%
20	8.869	1021	1026	1031	rVB3	2513	4032	0.27%	0.028%
21	9.210	1075	1084	1092	rBV	129753	228935	15.11%	1.588%
22	9.328	1099	1104	1109	rBV	6366	9825	0.65%	0.068%
23	9.369	1109	1111	1117	rVB4	2591	3330	0.22%	0.023%
24	9.639	1152	1157	1161	rBV2	2236	3219	0.21%	0.022%
25	9.933	1198	1207	1214	rBV	112208	195784	12.93%	1.358%
26	10.156	1237	1245	1248	rBV3	2437	4376	0.29%	0.030%
27	10.473	1290	1299	1309	rBV	170684	291971	19.28%	2.025%
28	10.620	1319	1324	1331	rBV3	3178	6541	0.43%	0.045%
29	10.855	1356	1364	1373	rBV	293335	520750	34.38%	3.612%
30	10.985	1380	1386	1396	rVB	64078	115496	7.62%	0.801%
31	11.496	1467	1473	1481	rVB2	6952	12475	0.82%	0.087%
32	11.637	1493	1497	1504	rBV4	2824	4608	0.30%	0.032%
33	11.878	1532	1538	1543	rBV4	1391	2822	0.19%	0.020%
34	12.230	1594	1598	1602	rVV3	2916	5861	0.39%	0.041%

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35	12.271	1602	1605	1608	rVB3	2356	3123	0.21%	0.022%
36	12.395	1621	1626	1630	rBV4	1376	2587	0.17%	0.018%
37	12.436	1630	1633	1636	rVB4	2020	2875	0.19%	0.020%
38	13.041	1730	1736	1740	rBV	6263	9620	0.64%	0.067%
39	13.282	1772	1777	1786	rBV	10512	18099	1.19%	0.126%
40	13.499	1811	1814	1818	rVB3	2847	3495	0.23%	0.024%
41	13.570	1823	1826	1830	rVB3	2486	3888	0.26%	0.027%
42	13.629	1832	1836	1841	rBV3	2210	3117	0.21%	0.022%
43	14.075	1904	1912	1917	rBV	292415	441166	29.12%	3.060%
44	14.122	1917	1920	1931	rVV	170594	243273	16.06%	1.688%
45	14.234	1935	1939	1943	rVB4	2012	2867	0.19%	0.020%
46	14.322	1949	1954	1955	rBV3	3715	5532	0.37%	0.038%
47	14.369	1955	1962	1969	rVB	337323	528942	34.92%	3.669%
48	14.569	1992	1996	1999	rBV2	6219	7660	0.51%	0.053%
49	14.674	2007	2014	2022	rVB2	437046	705382	46.57%	4.893%
50	14.862	2039	2046	2053	rBV	87976	138105	9.12%	0.958%
51	14.915	2053	2055	2059	rVV3	2137	3144	0.21%	0.022%
52	14.962	2061	2063	2065	rVV3	2573	2655	0.18%	0.018%
53	15.009	2065	2071	2077	rVB5	13215	23396	1.54%	0.162%
54	15.074	2078	2082	2088	rVV7	6037	8986	0.59%	0.062%
55	15.186	2098	2101	2105	rBV6	2414	3939	0.26%	0.027%
56	15.385	2132	2135	2142	rVV7	2988	6714	0.44%	0.047%
57	15.468	2143	2149	2152	rVV	10131	14693	0.97%	0.102%
58	15.515	2154	2157	2163	rVB	19342	24459	1.61%	0.170%
59	15.662	2176	2182	2188	rBV	447601	677465	44.72%	4.700%
60	15.714	2188	2191	2194	rVV4	4473	4652	0.31%	0.032%
61	15.767	2194	2200	2207	rVV	70943	106292	7.02%	0.737%
62	15.885	2213	2220	2221	rBV5	3533	5415	0.36%	0.038%
63	15.908	2221	2224	2225	rBV3	4570	5157	0.34%	0.036%
64	16.008	2240	2241	2246	rVB4	3022	3521	0.23%	0.024%
65	16.067	2248	2251	2253	rBV3	2367	2744	0.18%	0.019%
66	16.143	2259	2264	2266	rBV5	3229	5496	0.36%	0.038%
67	16.208	2273	2275	2280	rVB6	4365	4384	0.29%	0.030%
68	16.331	2291	2296	2299	rBV6	3606	6405	0.42%	0.044%
69	16.378	2300	2304	2307	rVV2	30128	41473	2.74%	0.288%
70	16.402	2307	2308	2314	rVB2	17726	18511	1.22%	0.128%
71	16.555	2328	2334	2339	rVB6	9226	17335	1.14%	0.120%

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72	16.719	2358	2362	2365	rBV5	6482	11550	0.76%	0.080%
73	16.884	2388	2390	2392	rBV2	5307	6280	0.41%	0.044%
74	16.948	2398	2401	2405	rBV6	5684	7727	0.51%	0.054%
75	17.172	2435	2439	2443	rBV2	31107	42018	2.77%	0.291%
76	17.365	2470	2472	2473	rBV2	4137	3163	0.21%	0.022%
77	17.418	2474	2481	2486	rVV2	496220	786087	51.90%	5.453%
78	17.459	2486	2488	2491	rVV	19220	22517	1.49%	0.156%
79	17.512	2491	2497	2505	rVB2	444405	686828	45.34%	4.764%
80	17.788	2540	2544	2548	rBV2	35807	46564	3.07%	0.323%
81	17.912	2561	2565	2570	rBV	21941	27161	1.79%	0.188%
82	17.971	2573	2575	2576	rBV2	5318	4655	0.31%	0.032%
83	17.988	2576	2578	2581	rVB4	8064	6659	0.44%	0.046%
84	18.188	2610	2612	2613	rBV2	6061	5939	0.39%	0.041%
85	18.305	2628	2632	2643	rBV	84272	155225	10.25%	1.077%
86	18.599	2678	2682	2684	rBV	42465	55888	3.69%	0.388%
87	18.629	2684	2687	2699	rVB	70838	120291	7.94%	0.834%
88	19.157	2774	2777	2781	rBV4	25982	29450	1.94%	0.204%
89	19.463	2826	2829	2834	rVB	31445	39607	2.61%	0.275%
90	19.721	2868	2873	2878	rVB	1373193	1514739	100.00%	10.508%
91	19.798	2880	2886	2890	rVV	537925	817187	53.95%	5.669%
92	19.833	2890	2892	2897	rVB	178635	201778	13.32%	1.400%
93	20.333	2975	2977	2981	rVB	62763	62904	4.15%	0.436%
94	20.761	3046	3050	3055	rBV	1067729	1199023	79.16%	8.318%
95	20.832	3058	3062	3065	rVV	213838	269127	17.77%	1.867%
96	20.861	3065	3067	3071	rVB	88845	90387	5.97%	0.627%
97	21.337	3144	3148	3152	rVB2	179290	259356	17.12%	1.799%
98	21.684	3201	3207	3214	rVB	518010	870328	57.46%	6.037%
99	21.890	3238	3242	3248	rVB	182300	246711	16.29%	1.711%
100	22.506	3344	3347	3353	rVB	144237	214396	14.15%	1.487%

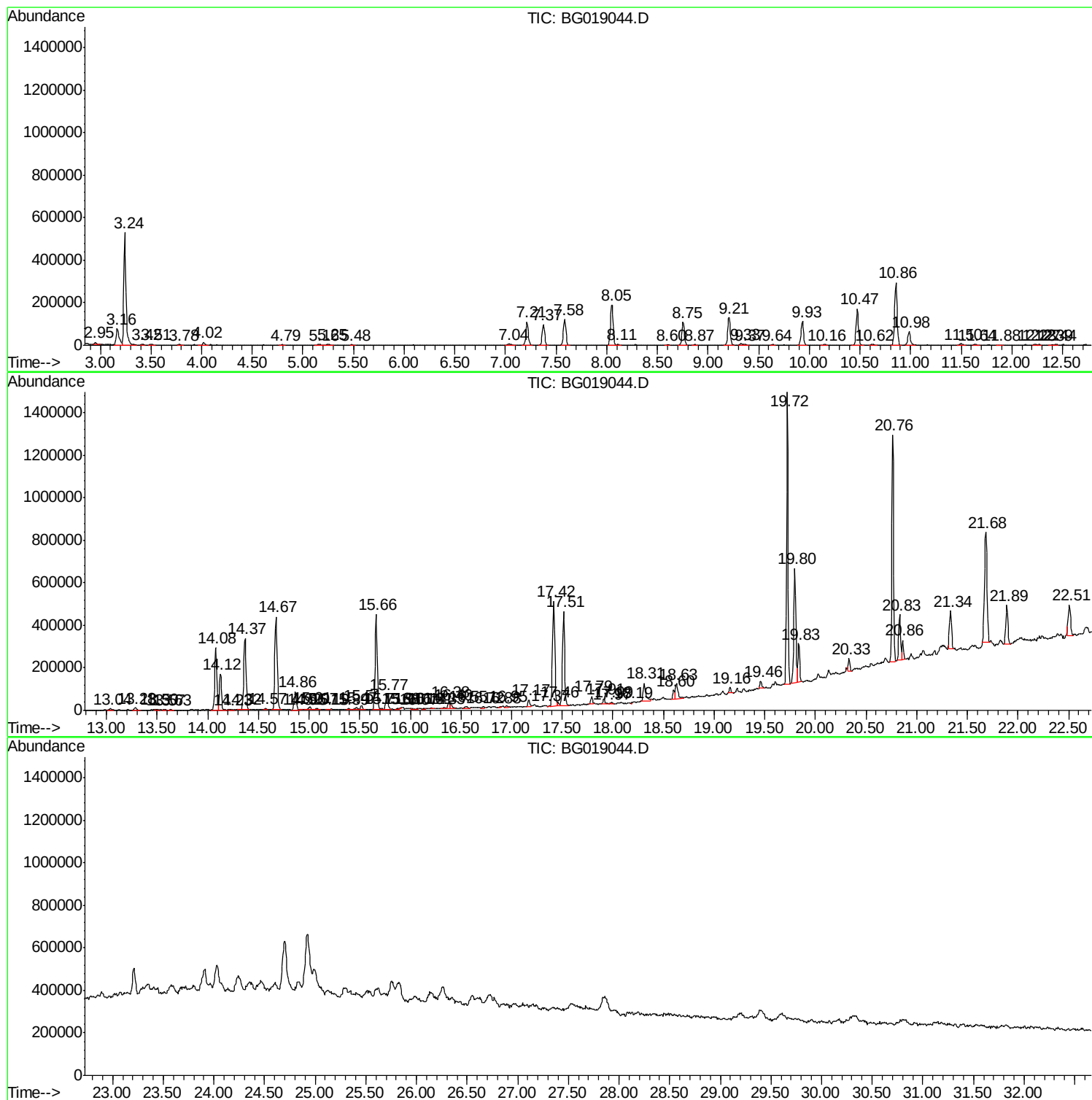
Sum of corrected areas: 14415536

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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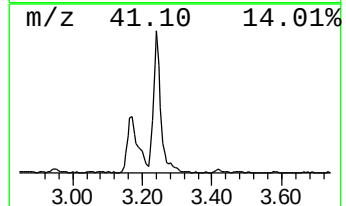
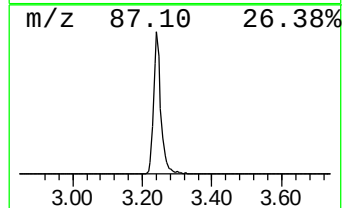
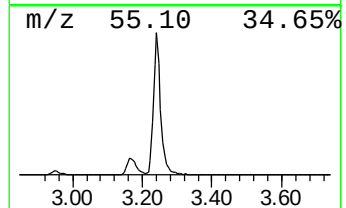
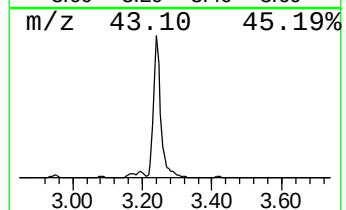
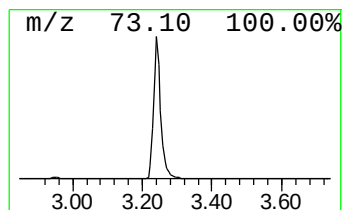
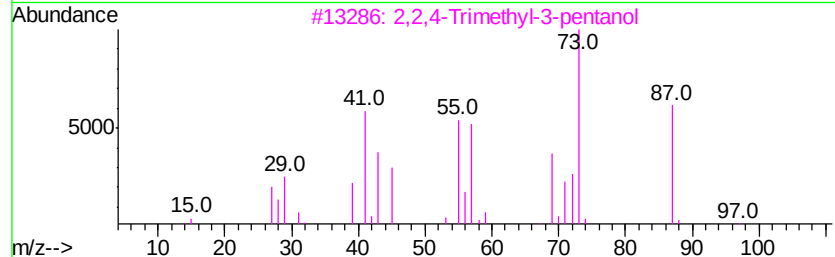
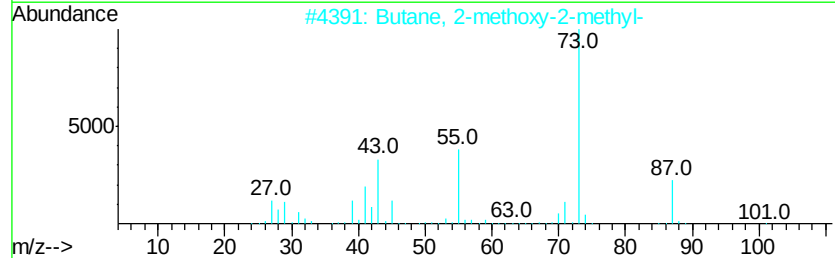
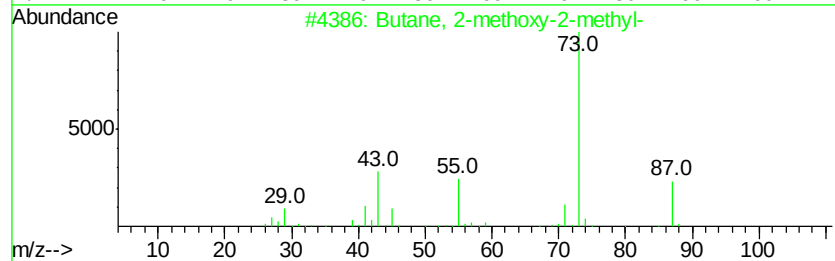
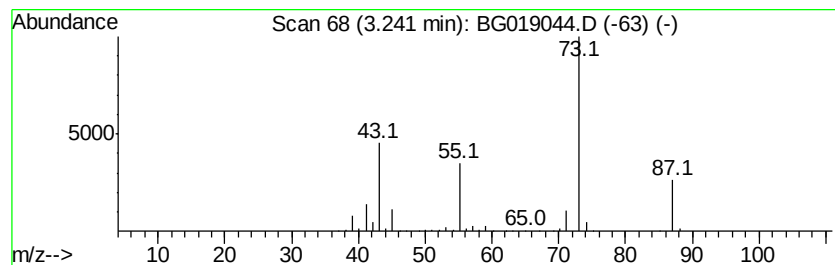
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	46.62 ng/ul	771185	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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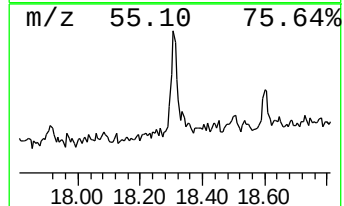
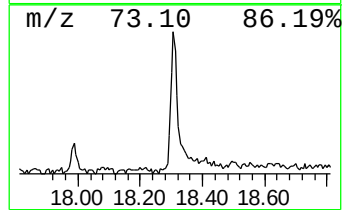
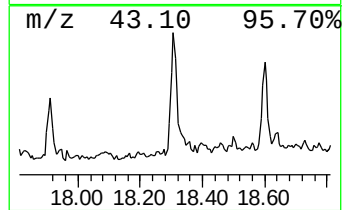
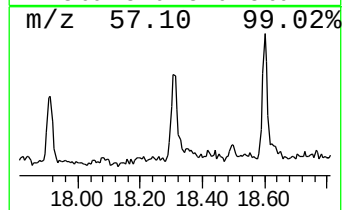
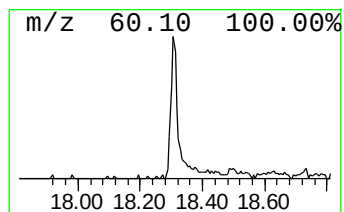
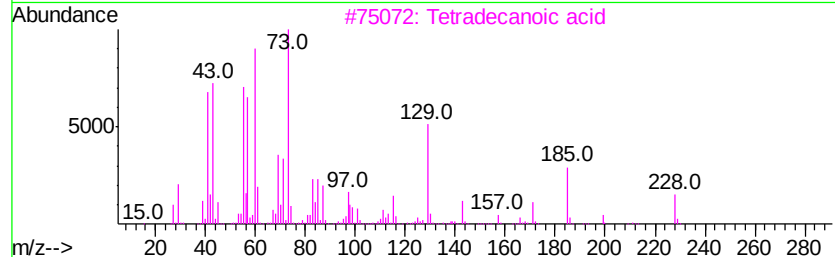
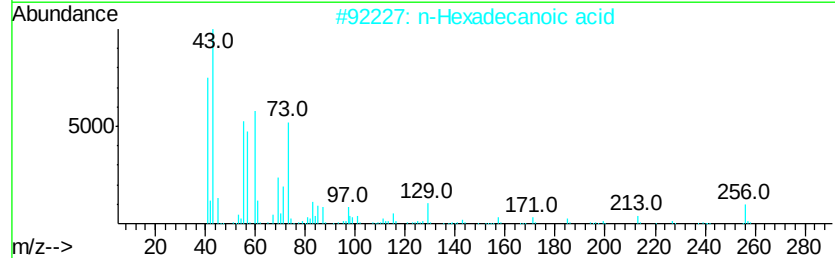
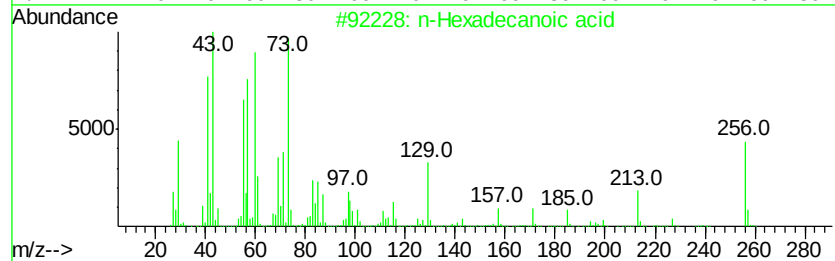
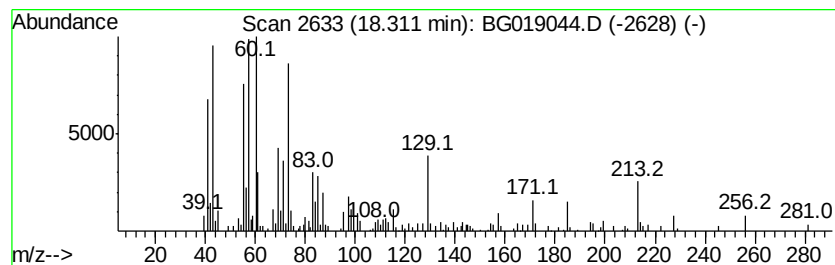
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.31	3.95 ng/ul	155225	Phenanthrene-d10		17.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	68



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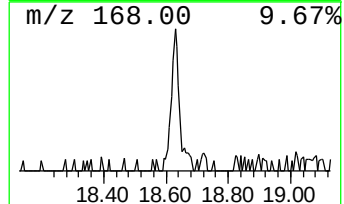
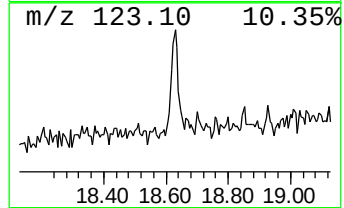
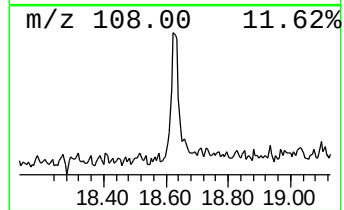
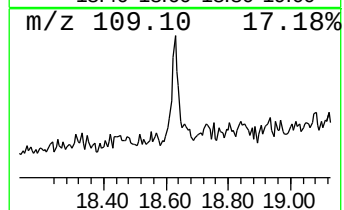
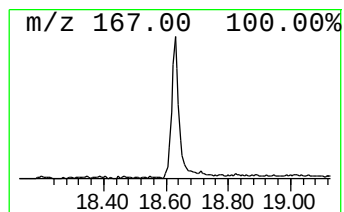
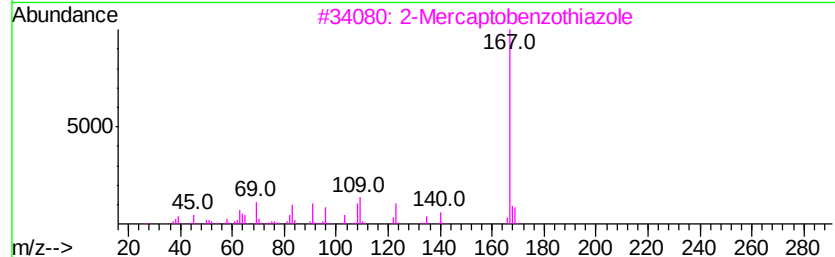
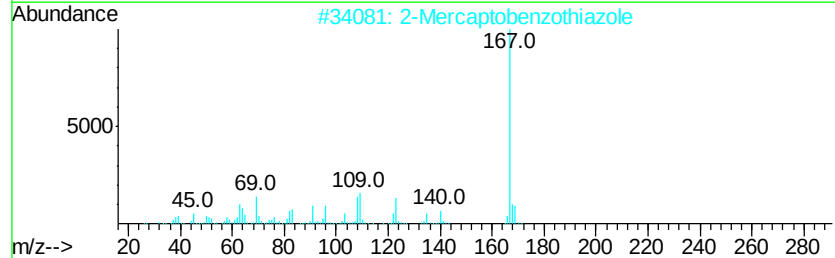
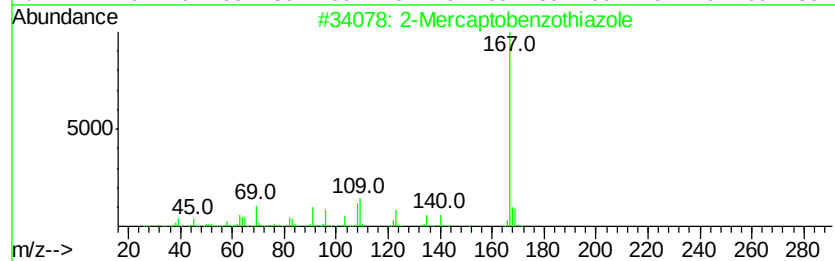
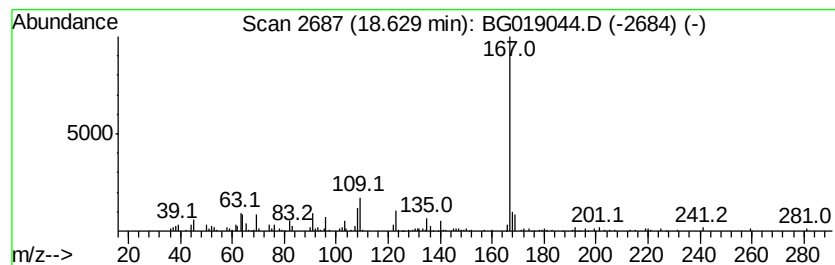
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Mercaptobenzothiazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.63	3.06 ng/ul	120291	Phenanthrene-d10		17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	95
2			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
3			2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
4			3-Methoxythiobenzamide	167	C8H9NOS	064559-06-4	59
5			Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	56



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Operator : UM/NP
Sample : G3865-10
Misc :
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Instrument :
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ClientSampleId :
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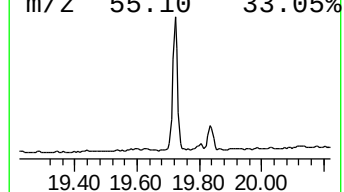
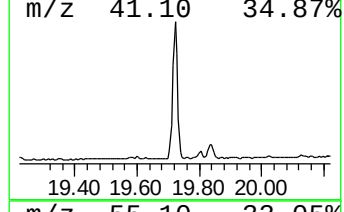
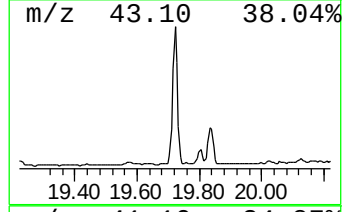
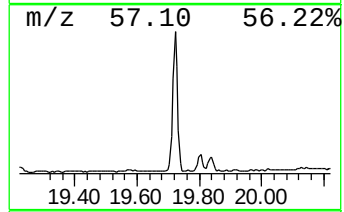
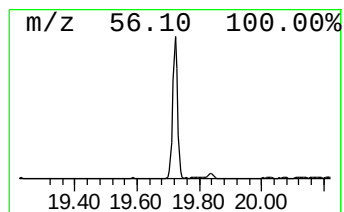
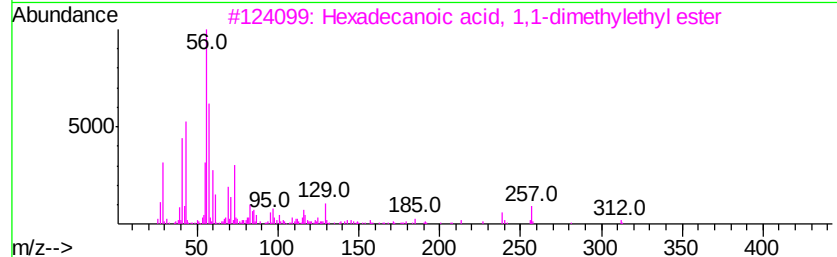
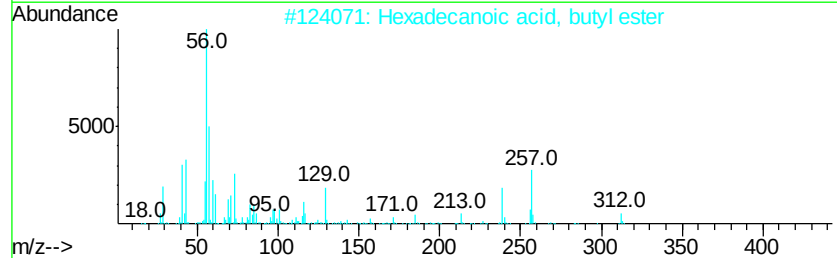
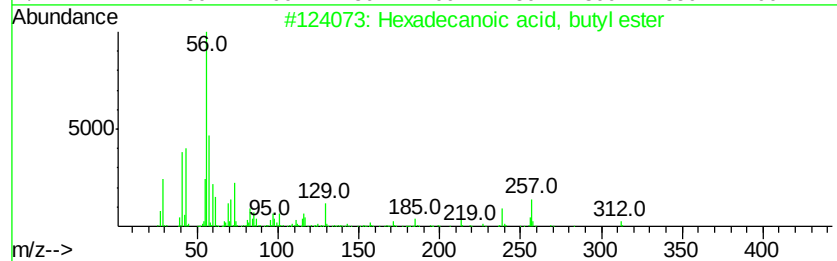
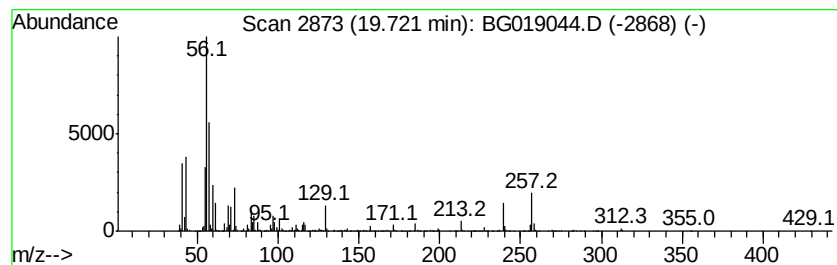
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	34.81 ng/ul	1514740	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	50
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019044.D
Acq On : 6 Oct 2015 1:54
Operator : UM/NP
Sample : G3865-10
Misc :
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ClientSampleId :
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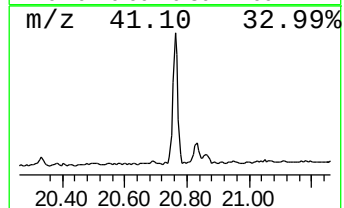
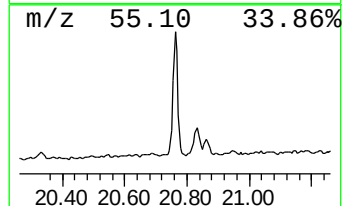
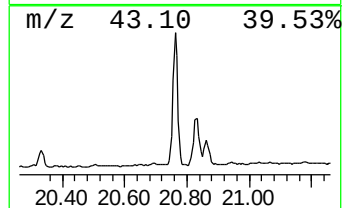
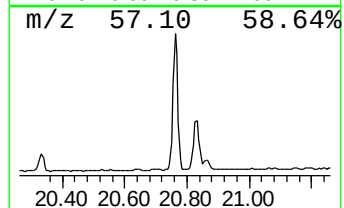
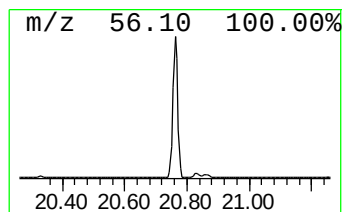
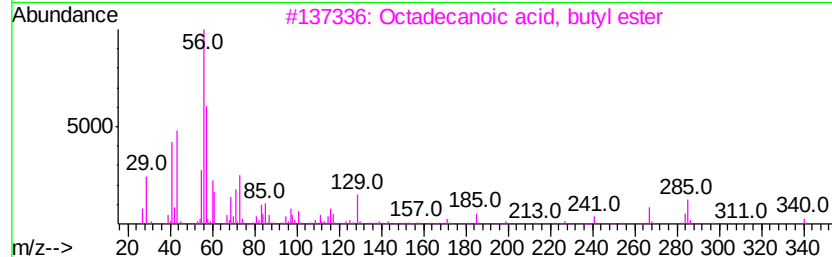
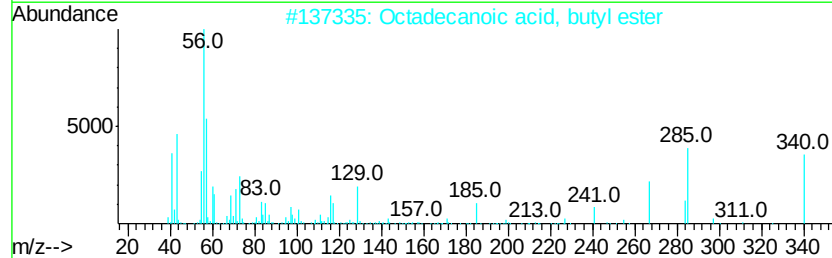
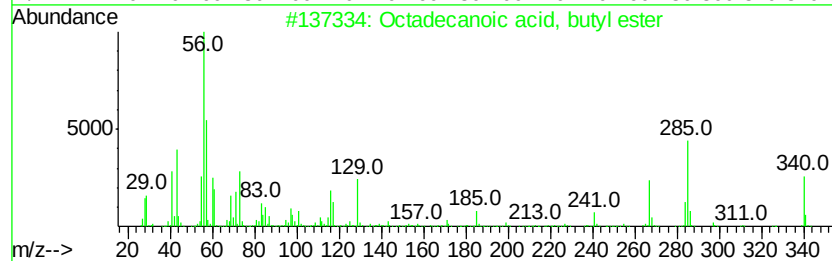
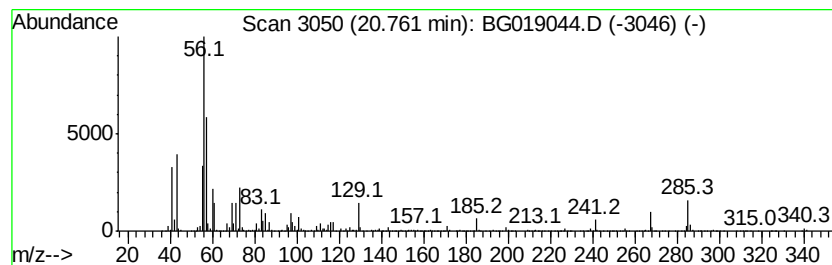
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	27.55 ng/ul	1199020	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	43
5		n-Butyl myristate	284	C18H36O2	000110-36-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019044.D
Acq On : 6 Oct 2015 1:54
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Sample : G3865-10
Misc :
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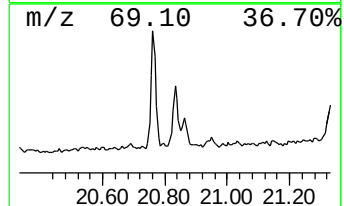
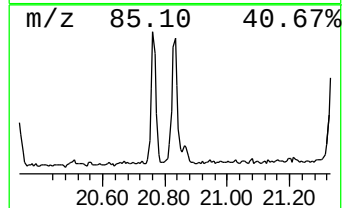
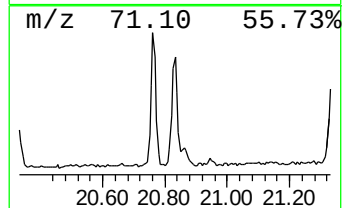
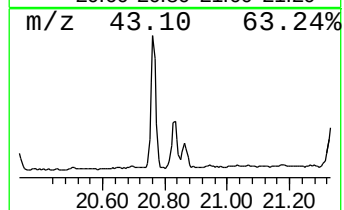
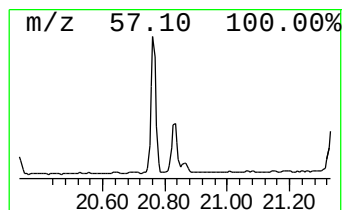
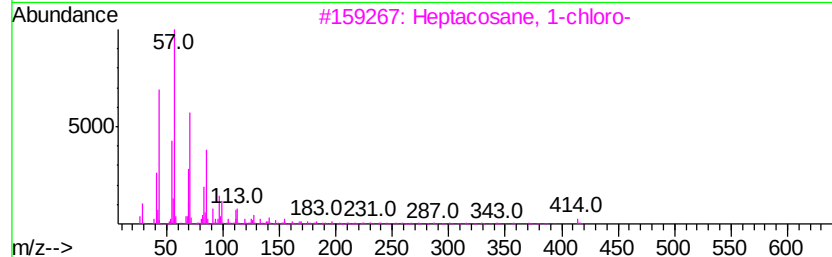
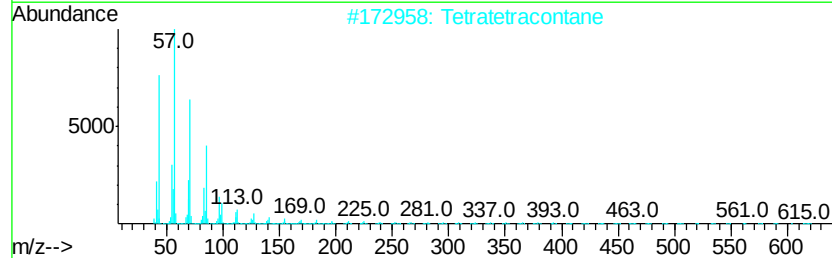
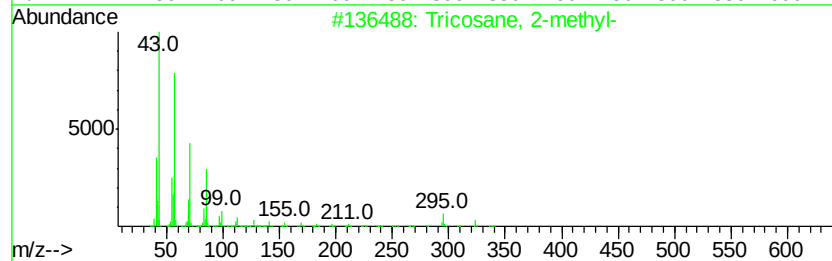
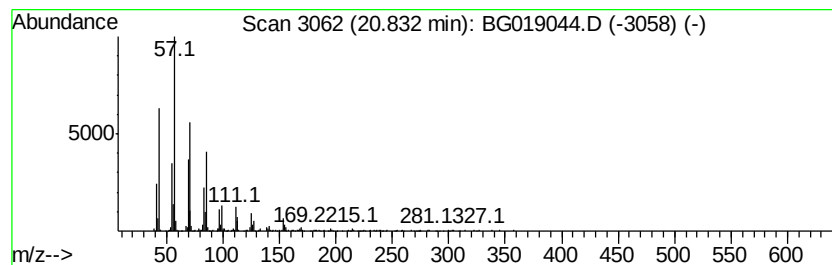
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.18 ng/ul	269127	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	74
2		Tetratetracontane	619	C44H90	007098-22-8	74
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
4		Heptacosane	380	C27H56	000593-49-7	72
5		10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019044.D
Acq On : 6 Oct 2015 1:54
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Misc :
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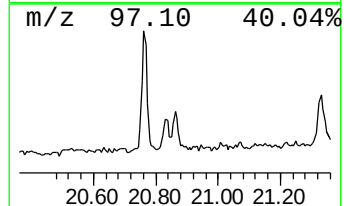
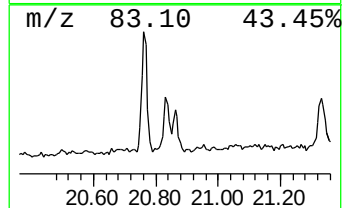
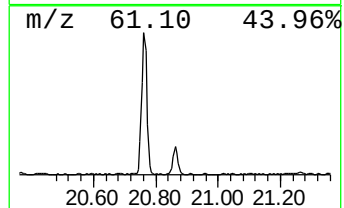
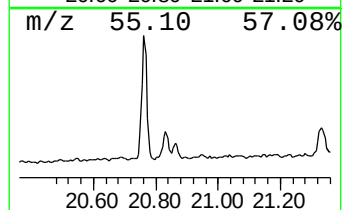
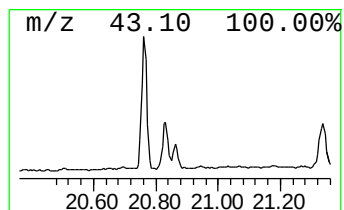
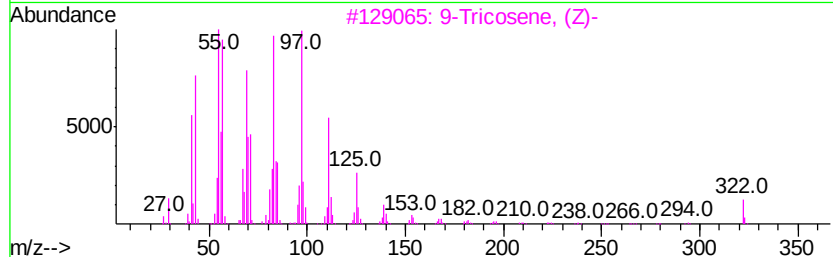
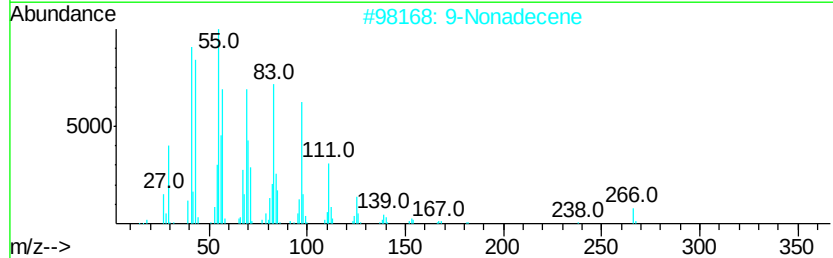
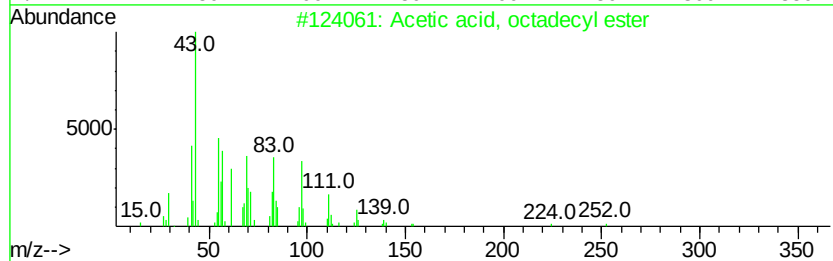
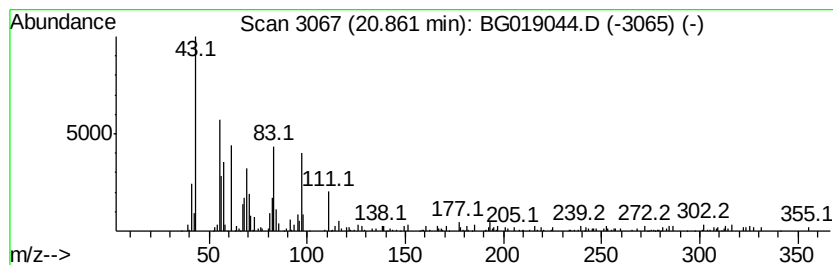
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Acetic acid, octadecyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.08 ng/ul	90387	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	80
2		9-Nonadecene	266	C19H38	031035-07-1	64
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	60
4		1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	60
5		17-Pentatriacontene	491	C35H70	006971-40-0	46



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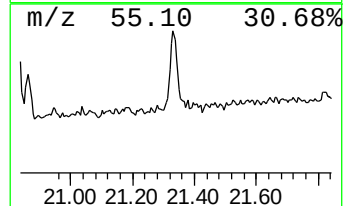
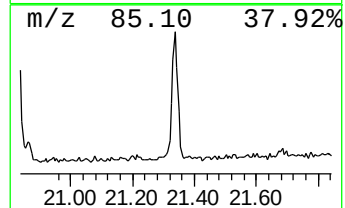
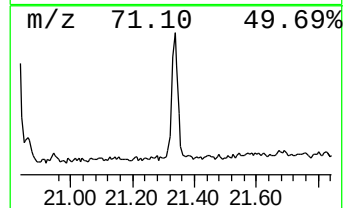
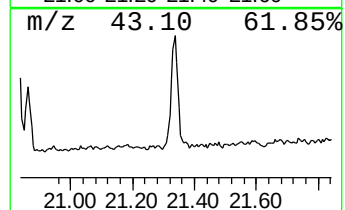
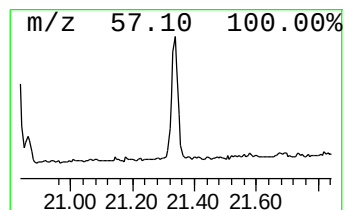
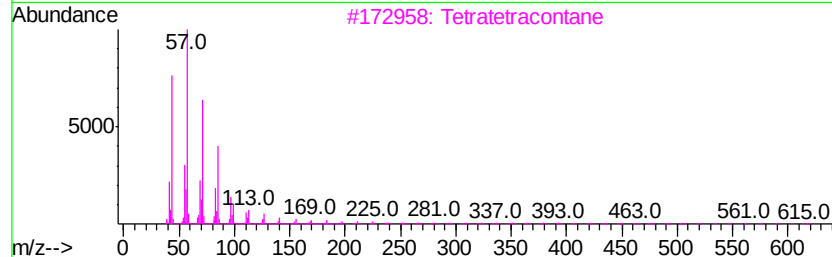
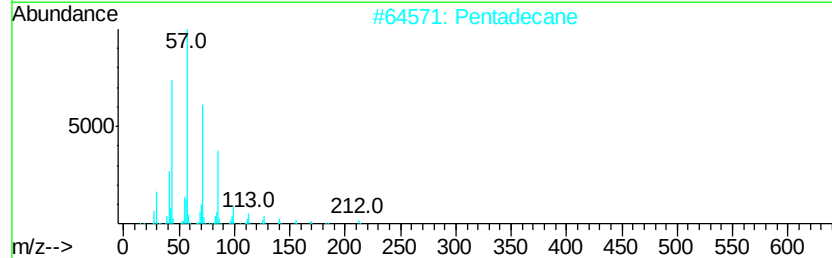
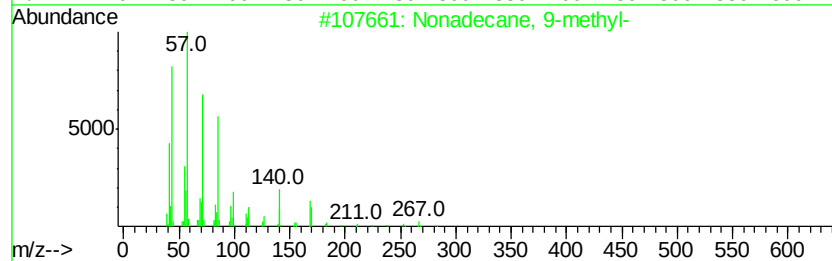
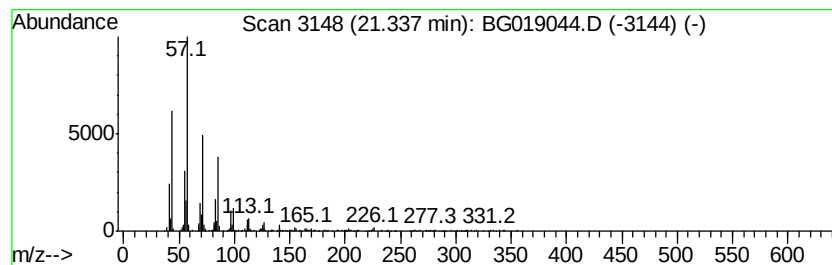
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.96 ng/ul	259356	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexadecane	226	C16H34	000544-76-3	89
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019044.D
Acq On : 6 Oct 2015 1:54
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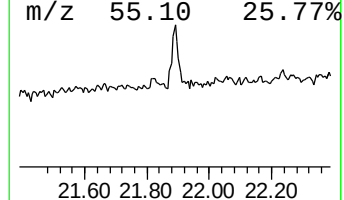
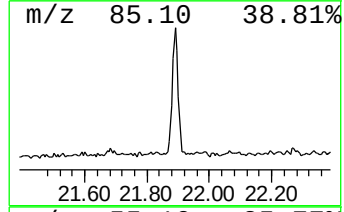
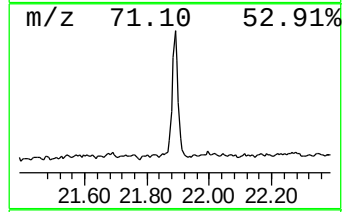
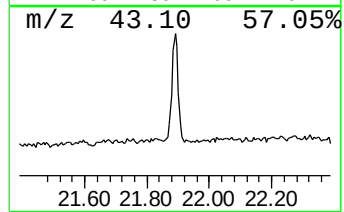
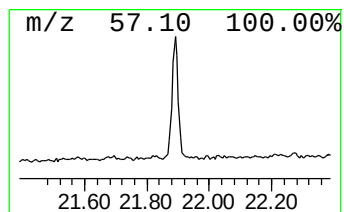
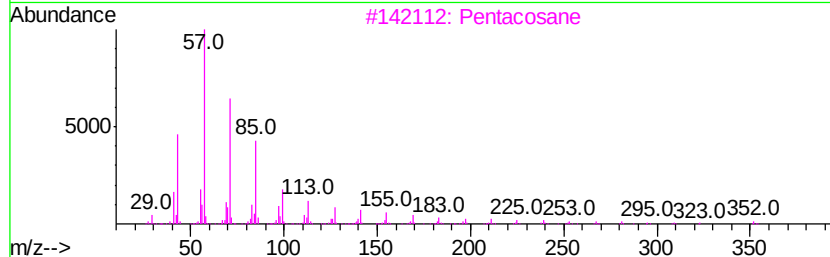
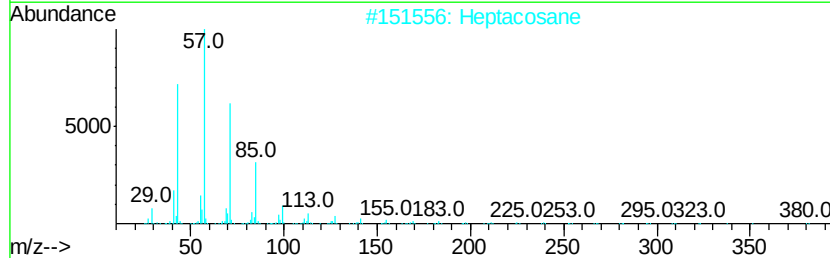
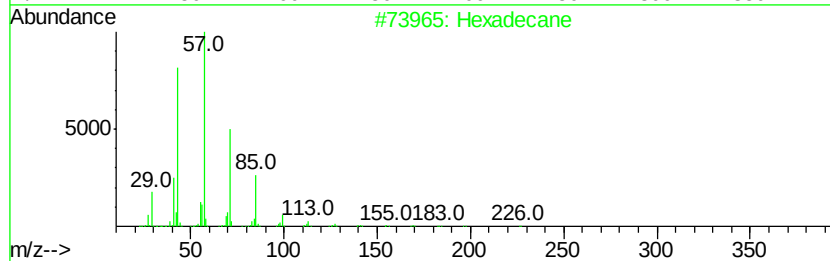
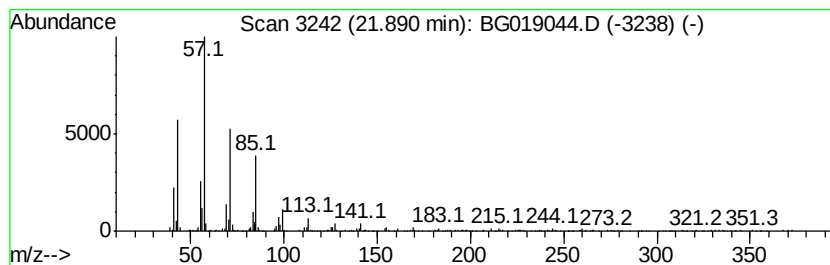
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.67 ng/ul	246711	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Pentacosane	352	C25H52	000629-99-2	90
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019044.D
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Sample : G3865-10
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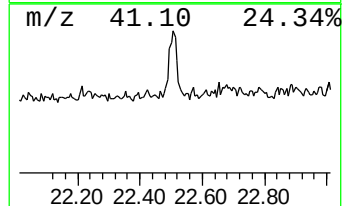
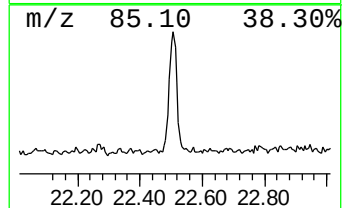
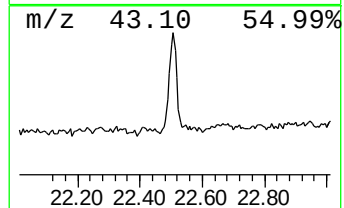
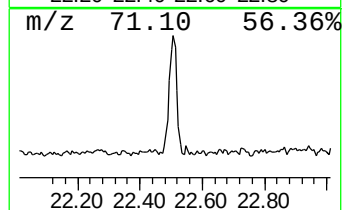
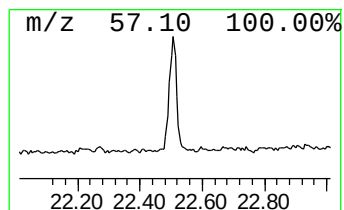
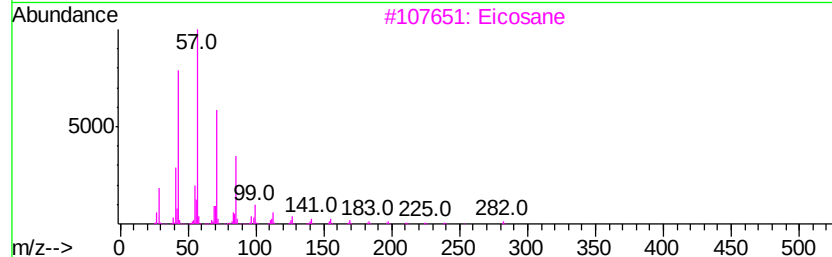
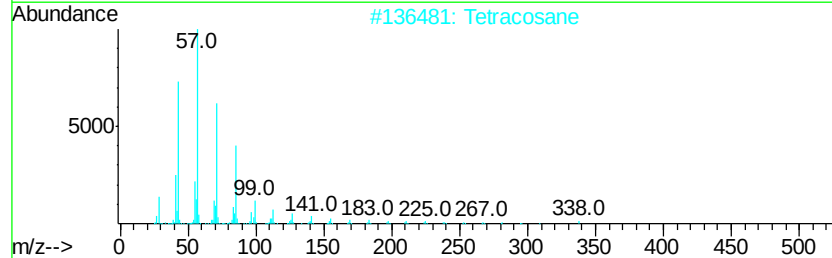
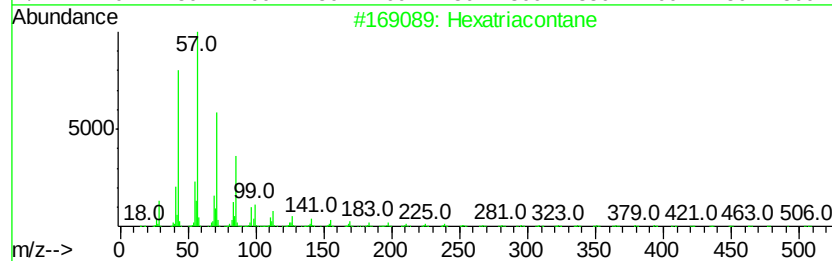
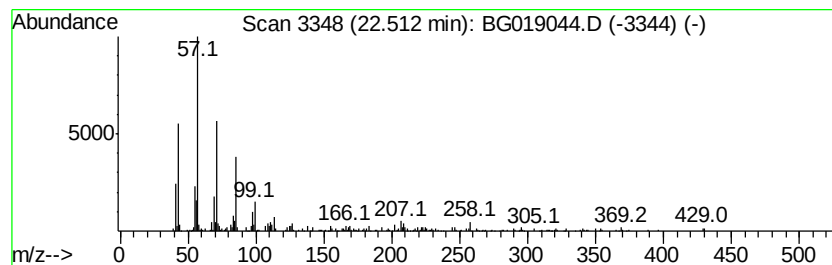
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	4.93 ng/ul	214396	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	74
2			Tetracosane	338	C24H50	000646-31-1	74
3			Eicosane	282	C20H42	000112-95-8	72
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72
5			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
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 Acq On : 6 Oct 2015 1:54
 Operator : UM/NP
 Sample : G3865-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.24	46.6	ng/ul	771185	1	8.05	330841	20.0
n-Hexadecanoic acid	18.31	4.0	ng/ul	155225	4	17.42	786087	20.0
2-Mercaptobenzoth...	18.63	3.1	ng/ul	120291	4	17.42	786087	20.0
Hexadecanoic acid...	19.72	34.8	ng/ul	1514740	5	21.68	870328	20.0
Octadecanoic acid...	20.76	27.6	ng/ul	1199020	5	21.68	870328	20.0
(DEL) Alkane: Str...	20.83	6.2	ng/ul	269127	5	21.68	870328	20.0
Acetic acid, octa...	20.86	2.1	ng/ul	90387	5	21.68	870328	20.0
(DEL) Alkane: Str...	21.34	6.0	ng/ul	259356	5	21.68	870328	20.0
(DEL) Alkane: Str...	21.89	5.7	ng/ul	246711	5	21.68	870328	20.0
(DEL) Alkane: Str...	22.51	4.9	ng/ul	214396	5	21.68	870328	20.0