

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025206.D
 Acq On : 15 Dec 2016 10:42
 Operator : UM/SJ
 Sample : H5938-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA829

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.150	51	53	58	rVB3	11425	14706	0.60%	0.042%
2	3.584	122	127	141	rVB7	17497	57273	2.33%	0.164%
3	4.354	253	258	263	rVB3	19500	34568	1.40%	0.099%
4	5.294	411	418	426	rBV2	58943	104588	4.25%	0.300%
5	5.705	482	488	493	rVB5	16987	29457	1.20%	0.084%
6	5.835	506	510	520	rVB4	19778	44467	1.81%	0.127%
7	6.217	565	575	581	rBV7	13060	29780	1.21%	0.085%
8	6.287	581	587	591	rVB7	7430	18564	0.75%	0.053%
9	6.933	694	697	705	rVB6	8621	16137	0.66%	0.046%
10	7.204	735	743	745	rBV7	11723	23739	0.96%	0.068%
11	7.386	763	774	791	rBV	374369	728408	29.58%	2.086%
12	7.550	794	802	809	rBV	239189	411556	16.71%	1.179%
13	7.762	828	838	851	rVV	324322	623440	25.32%	1.786%
14	7.868	851	856	862	rVB6	11039	24051	0.98%	0.069%
15	8.238	910	919	930	rVB	311152	576163	23.40%	1.650%
16	8.526	962	968	977	rVB9	12982	35750	1.45%	0.102%
17	8.884	1022	1029	1031	rBV7	9418	19282	0.78%	0.055%
18	8.937	1031	1038	1047	rBV	463958	859828	34.91%	2.463%
19	9.054	1057	1058	1068	rVB6	10888	18152	0.74%	0.052%
20	9.342	1101	1107	1111	rVB7	12979	23658	0.96%	0.068%
21	9.413	1111	1119	1127	rBV2	386020	720855	29.27%	2.065%
22	9.495	1127	1133	1139	rVV8	15863	33801	1.37%	0.097%
23	9.730	1165	1173	1176	rBV8	7394	14591	0.59%	0.042%
24	9.783	1179	1182	1191	rVB2	18081	34466	1.40%	0.099%
25	10.136	1229	1242	1253	rBV2	355007	686375	27.87%	1.966%
26	10.488	1296	1302	1305	rBV7	11909	21914	0.89%	0.063%
27	10.523	1305	1308	1313	rVV6	13633	20396	0.83%	0.058%
28	10.682	1325	1335	1346	rBV	491909	939122	38.13%	2.690%
29	10.987	1381	1387	1389	rVB5	9212	16012	0.65%	0.046%
30	11.064	1389	1400	1415	rBV	498235	970209	39.40%	2.779%
31	11.199	1415	1423	1436	rBV	205697	438953	17.82%	1.257%
32	11.287	1436	1438	1443	rVV5	7528	12887	0.52%	0.037%
33	11.416	1453	1460	1463	rBV8	14754	24439	0.99%	0.070%
34	11.458	1463	1467	1475	rVB7	16994	39710	1.61%	0.114%

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35	11.581	1483	1488	1493	rBV7	8951	15191	0.62%	0.044%
36	11.834	1524	1531	1532	rBV6	8360	14813	0.60%	0.042%
37	11.875	1532	1538	1549	rBV8	23982	58699	2.38%	0.168%
38	12.010	1559	1561	1567	rBV7	7075	12827	0.52%	0.037%
39	12.415	1626	1630	1638	rVB9	11726	24860	1.01%	0.071%
40	12.621	1660	1665	1672	rVB8	15101	29489	1.20%	0.084%
41	12.703	1673	1679	1683	rBV2	20533	43144	1.75%	0.124%
42	12.821	1696	1699	1700	rBV2	12531	12676	0.51%	0.036%
43	12.915	1711	1715	1722	rVB3	24581	34373	1.40%	0.098%
44	13.003	1727	1730	1733	rBV5	13242	15954	0.65%	0.046%
45	13.050	1733	1738	1740	rVV6	11160	13556	0.55%	0.039%
46	13.120	1748	1750	1758	rVB8	8567	14648	0.59%	0.042%
47	13.208	1760	1765	1767	rBV4	11474	19347	0.79%	0.055%
48	13.344	1783	1788	1792	rVB8	15135	20527	0.83%	0.059%
49	13.449	1803	1806	1812	rVB7	12317	20342	0.83%	0.058%
50	13.631	1832	1837	1843	rVV8	19997	37624	1.53%	0.108%
51	13.890	1877	1881	1885	rBV7	7806	13871	0.56%	0.040%
52	14.037	1896	1906	1911	rBV7	21833	54513	2.21%	0.156%
53	14.178	1923	1930	1935	rBV8	30398	72615	2.95%	0.208%
54	14.248	1935	1942	1946	rVV	1016815	1552749	63.05%	4.448%
55	14.295	1946	1950	1965	rVB	595970	870573	35.35%	2.494%
56	14.407	1965	1969	1972	rBV6	20522	29149	1.18%	0.083%
57	14.554	1986	1994	2004	rBV	997638	1631537	66.25%	4.673%
58	14.695	2011	2018	2027	rBV3	41916	77548	3.15%	0.222%
59	14.854	2033	2045	2056	rBV	866418	1519023	61.68%	4.351%
60	14.983	2062	2067	2073	rBV4	39762	58046	2.36%	0.166%
61	15.065	2073	2081	2091	rBV2	386684	756892	30.73%	2.168%
62	15.224	2104	2108	2119	rVB2	42417	132027	5.36%	0.378%
63	15.324	2119	2125	2132	rBV2	24886	71135	2.89%	0.204%
64	15.388	2134	2136	2140	rVB5	14833	12883	0.52%	0.037%
65	15.459	2145	2148	2153	rBV7	17737	22684	0.92%	0.065%
66	15.611	2168	2174	2176	rBV6	46419	78316	3.18%	0.224%
67	15.641	2176	2179	2186	rVB	94242	132590	5.38%	0.380%
68	15.770	2196	2201	2206	rBV	95124	147741	6.00%	0.423%
69	15.846	2206	2214	2226	rVB	1336379	2183162	88.65%	6.253%
70	15.970	2229	2235	2241	rBV	557461	810136	32.90%	2.321%
71	16.046	2243	2248	2252	rBV5	33754	55352	2.25%	0.159%

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72	16.158	2261	2267	2269	rBV7	21252	40190	1.63%	0.115%
73	16.281	2283	2288	2292	rBV6	29463	58209	2.36%	0.167%
74	16.434	2311	2314	2321	rBV9	19027	35438	1.44%	0.102%
75	16.505	2321	2326	2329	rBV	128581	200239	8.13%	0.574%
76	16.875	2385	2389	2397	rVB4	48504	88213	3.58%	0.253%
77	16.951	2398	2402	2408	rVV9	31532	46489	1.89%	0.133%
78	17.004	2409	2411	2415	rVB5	29217	26575	1.08%	0.076%
79	17.245	2450	2452	2455	rBV4	20358	28985	1.18%	0.083%
80	17.292	2457	2460	2466	rBV	101968	143677	5.83%	0.412%
81	17.439	2481	2485	2491	rVB9	52630	81331	3.30%	0.233%
82	17.603	2505	2513	2523	rVB2	1073202	1786373	72.54%	5.117%
83	17.697	2523	2529	2539	rBV2	1318892	2147219	87.19%	6.150%
84	18.032	2582	2586	2590	rBV2	92550	118556	4.81%	0.340%
85	18.314	2632	2634	2641	rVB8	40899	65432	2.66%	0.187%
86	18.385	2642	2646	2650	rBV5	64020	99014	4.02%	0.284%
87	18.438	2650	2655	2665	rVV3	284611	407448	16.55%	1.167%
88	18.720	2699	2703	2709	rVB	101164	125067	5.08%	0.358%
89	19.342	2805	2809	2817	rBV2	145388	215263	8.74%	0.617%
90	19.695	2866	2869	2877	rVB9	66139	115589	4.69%	0.331%
91	19.906	2902	2905	2909	rVB	187892	231189	9.39%	0.662%
92	19.971	2910	2916	2927	rBV	1619462	2462658	100.00%	7.054%
93	20.435	2991	2995	3002	rVB	264725	339521	13.79%	0.973%
94	20.935	3077	3080	3092	rVB2	245325	406307	16.50%	1.164%
95	21.458	3165	3169	3177	rVB3	217891	345329	14.02%	0.989%
96	21.892	3236	3243	3251	rBV	1173879	2064071	83.81%	5.912%
97	22.868	3406	3409	3419	rVB2	171445	303764	12.33%	0.870%
98	23.579	3526	3530	3538	rVB3	167822	319134	12.96%	0.914%
99	25.077	3775	3785	3799	rVB	775573	2339970	95.02%	6.703%
100	25.312	3816	3825	3837	rVB2	630367	1932598	78.48%	5.536%

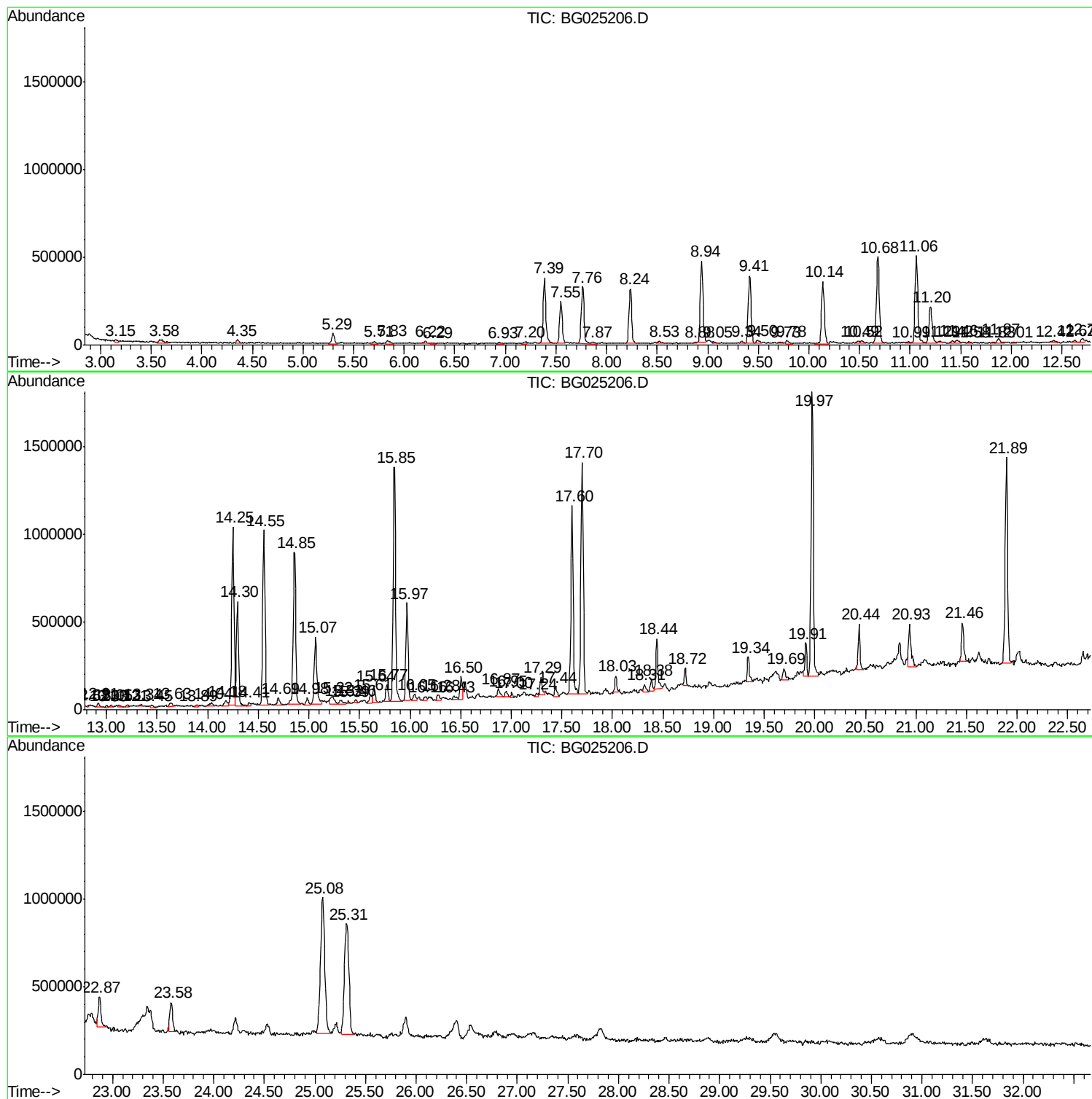
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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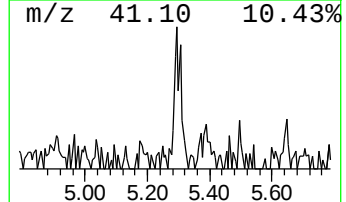
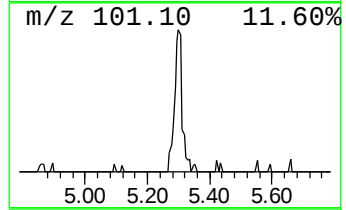
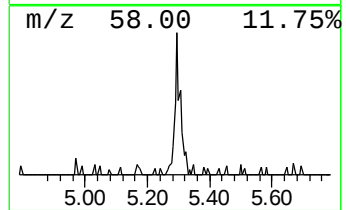
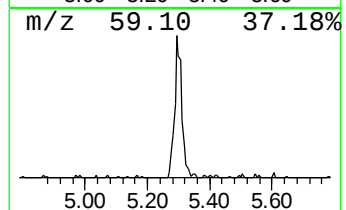
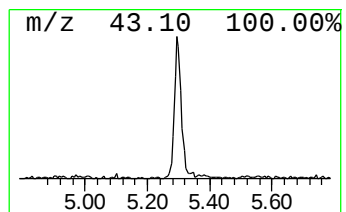
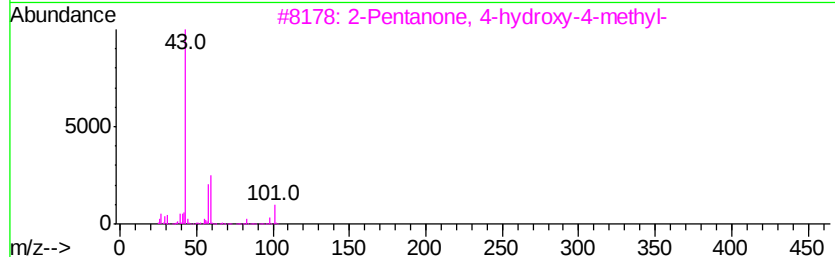
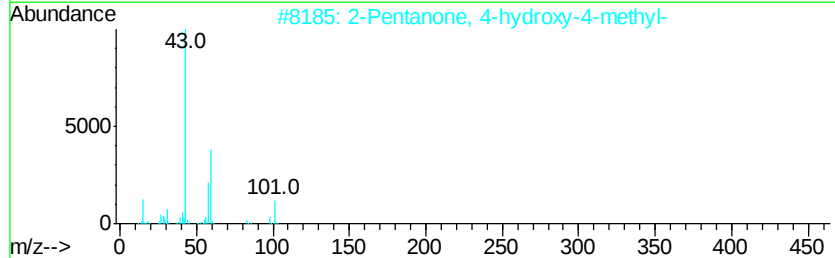
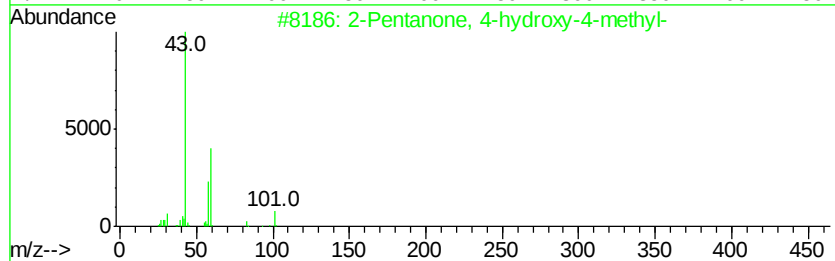
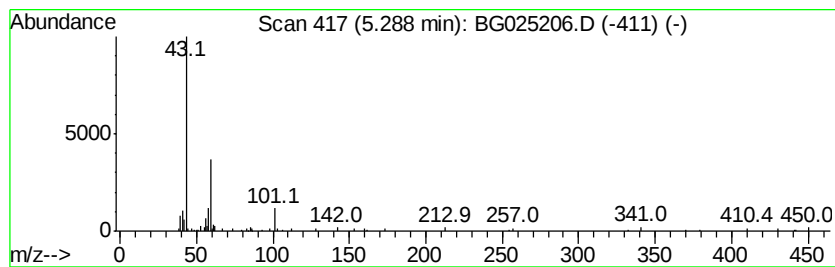
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	3.63 ng/ul	104588	1,4-Dichlorobenzene-d4	8.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37		
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	27		



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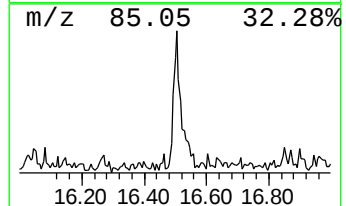
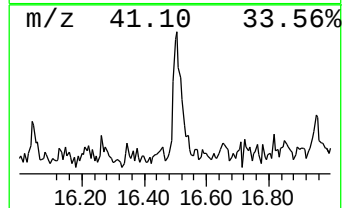
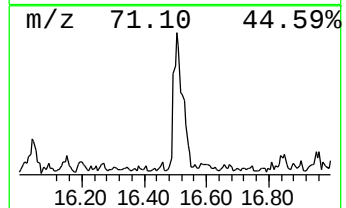
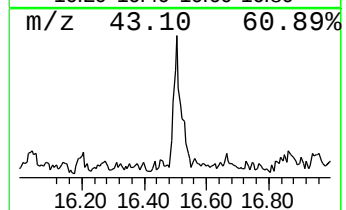
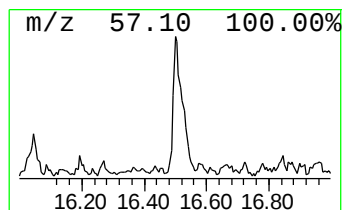
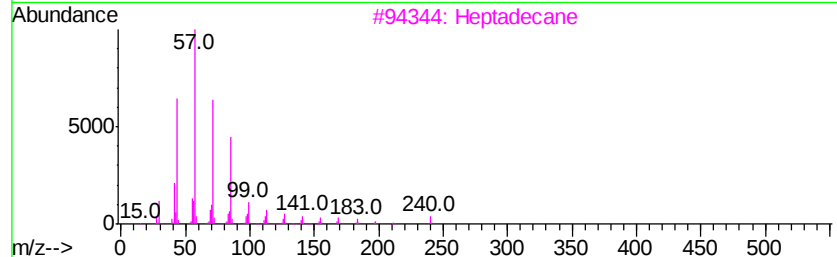
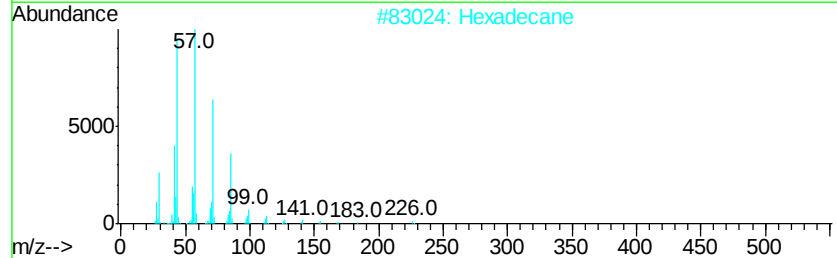
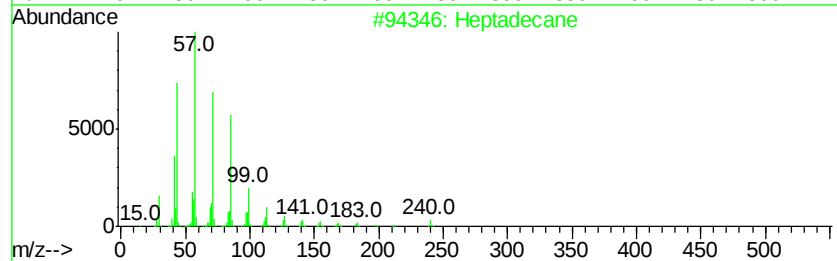
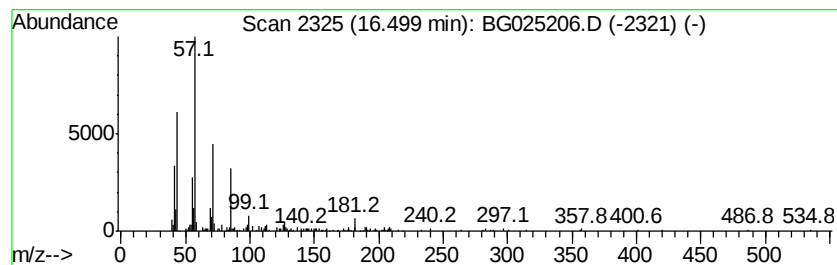
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.24 ng/ul	200239	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	87
3			Heptadecane	240	C17H36	000629-78-7	87
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	81
5			Dodecane	170	C12H26	000112-40-3	80



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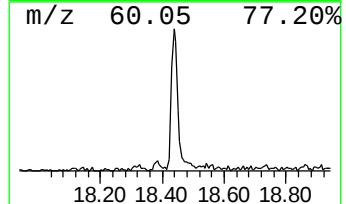
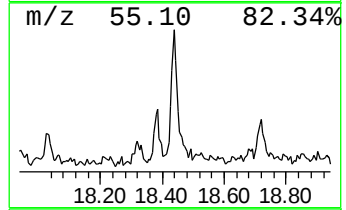
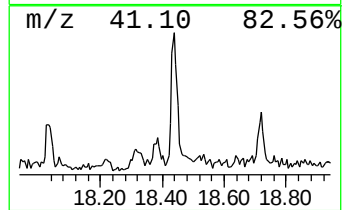
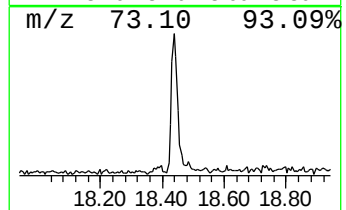
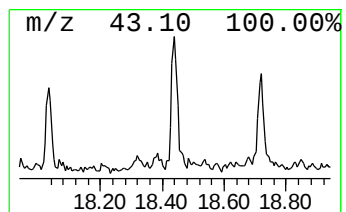
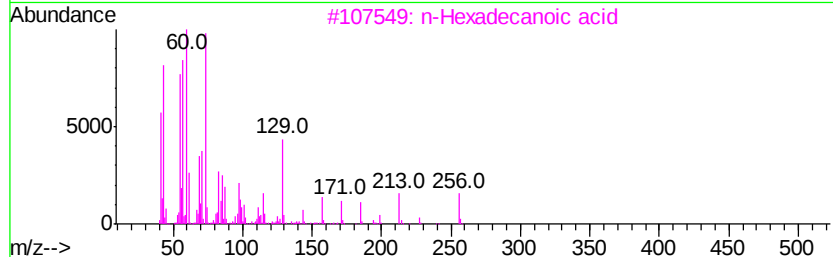
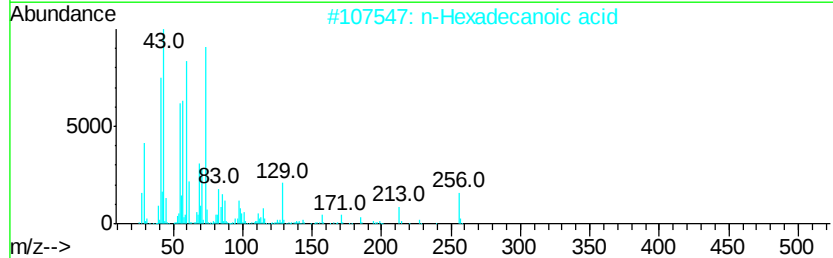
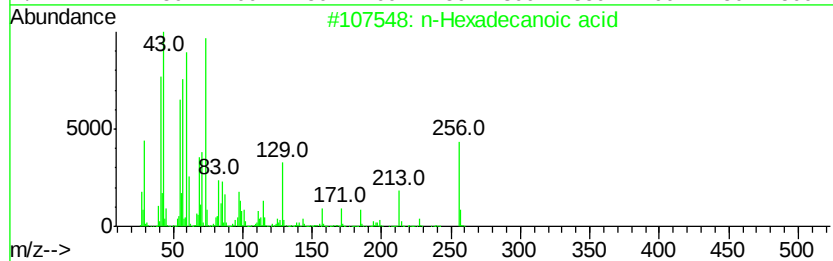
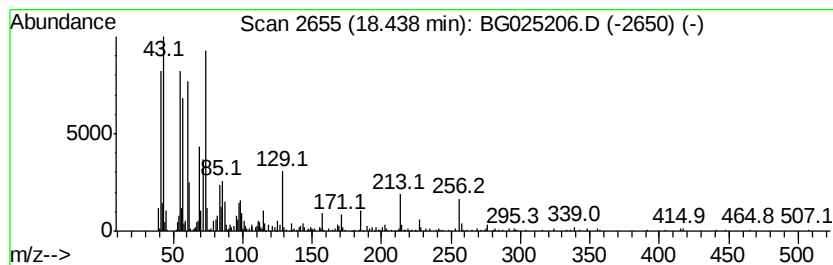
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.56 ng/ul	407448	Phenanthrene-d10	17.60

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	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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Data File : BG025206.D
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Operator : UM/SJ
Sample : H5938-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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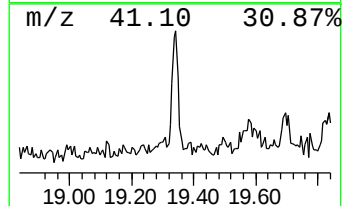
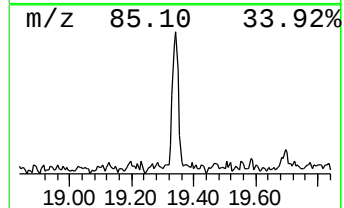
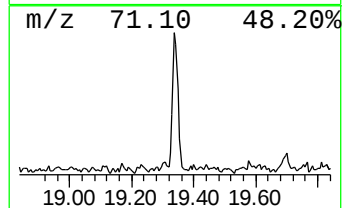
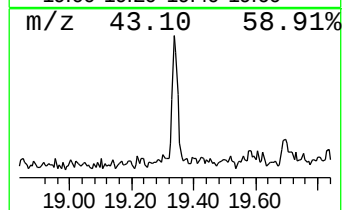
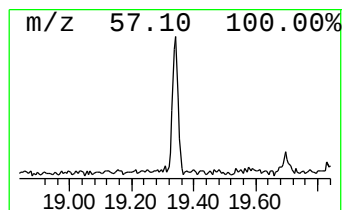
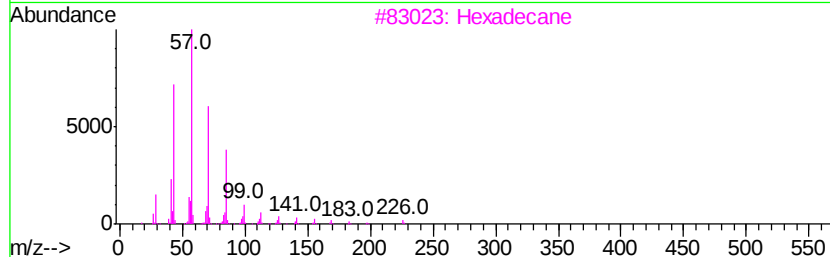
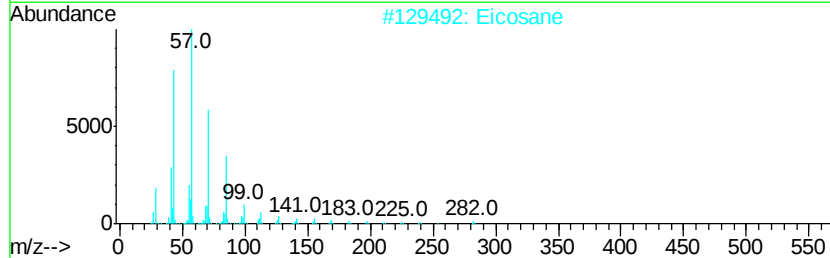
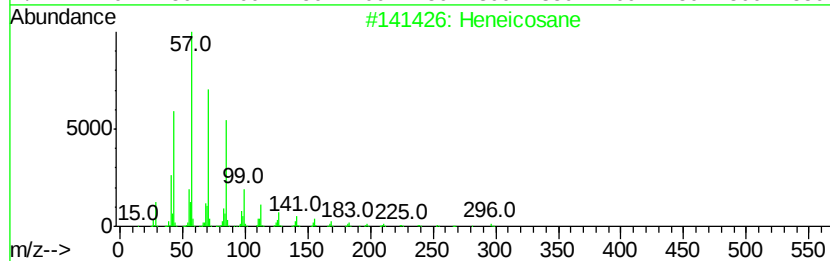
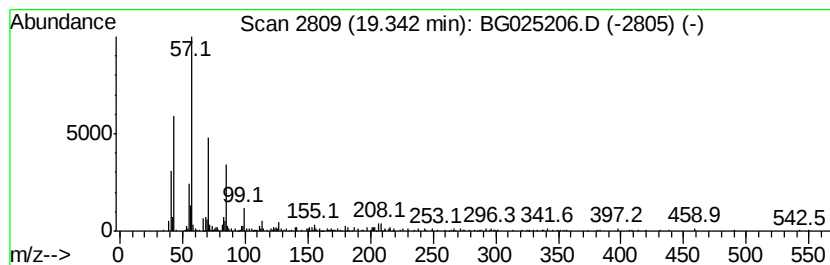
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.41 ng/ul	215263	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Eicosane	282	C20H42	000112-95-8	74
3		Hexadecane	226	C16H34	000544-76-3	70
4		Hexadecane	226	C16H34	000544-76-3	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
Operator : UM/SJ
Sample : H5938-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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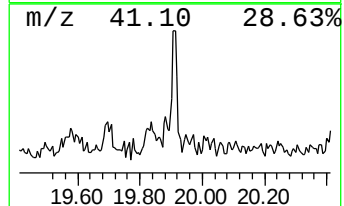
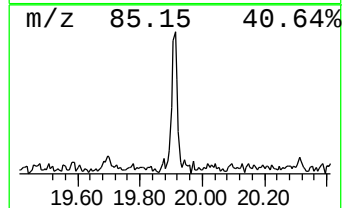
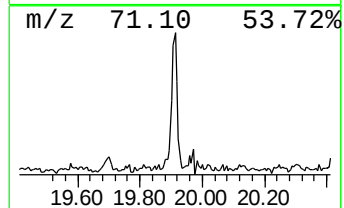
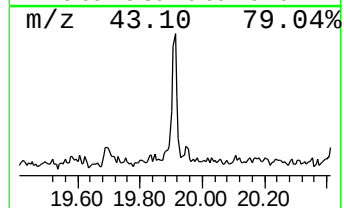
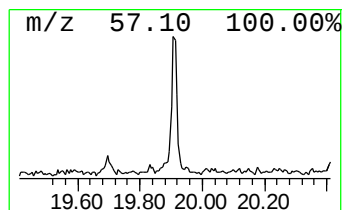
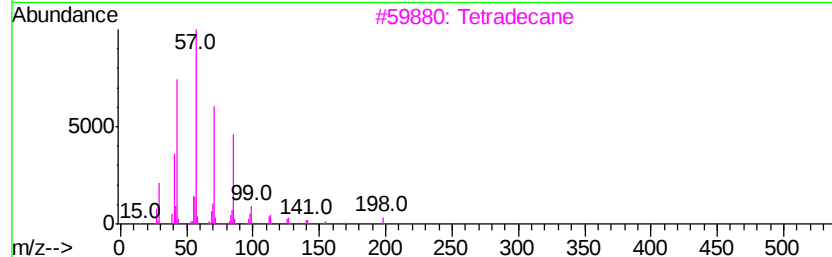
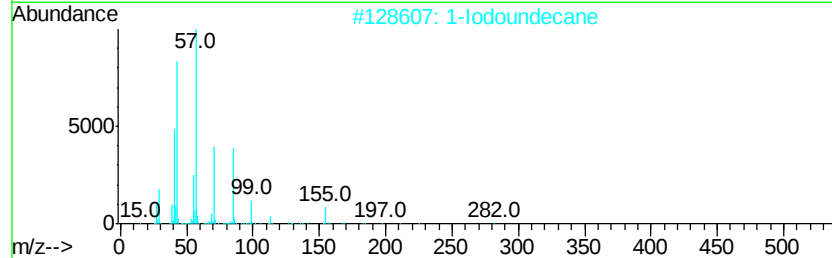
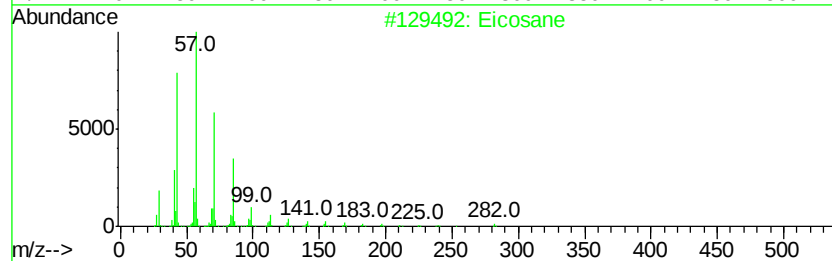
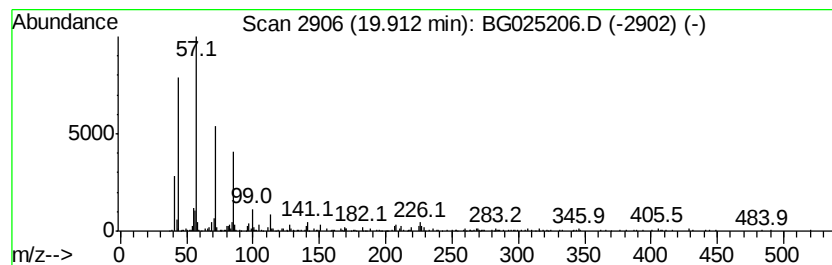
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.24 ng/ul	231189	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	81
2		1-Iodoundecane	282	C11H23I	004282-44-4	74
3		Tetradecane	198	C14H30	000629-59-4	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
Operator : UM/SJ
Sample : H5938-09
Misc :
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Instrument :
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ClientSampleId :
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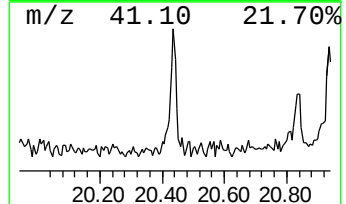
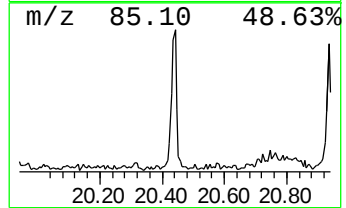
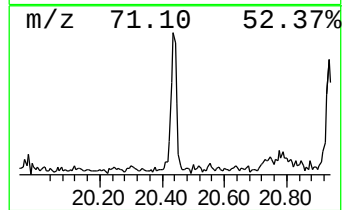
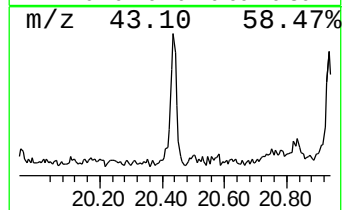
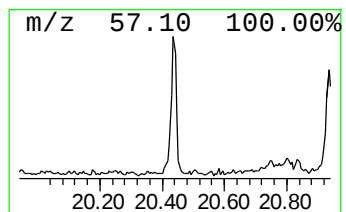
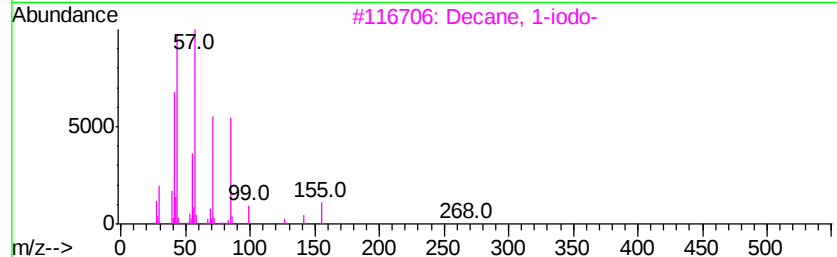
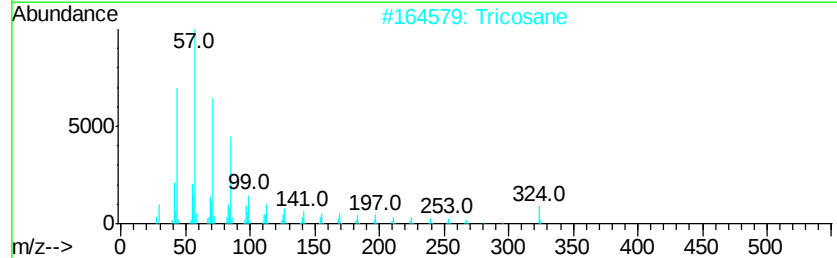
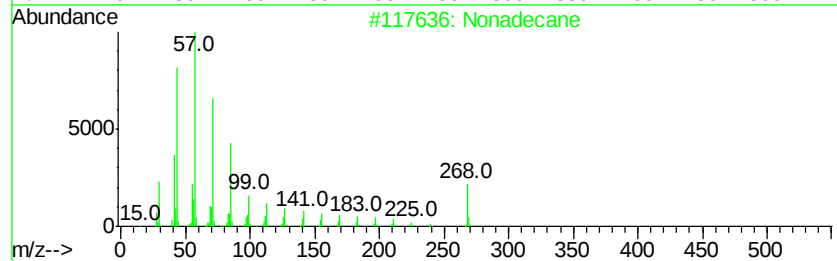
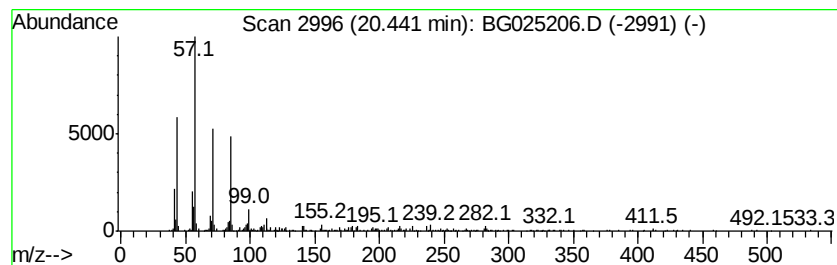
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.29 ng/ul	339521	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	87
2		Tricosane	324	C23H48	000638-67-5	87
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	74
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
Operator : UM/SJ
Sample : H5938-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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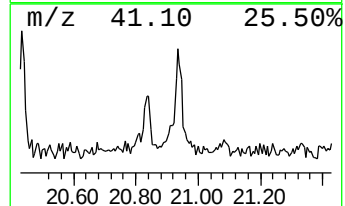
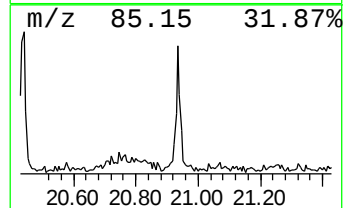
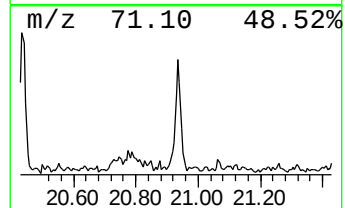
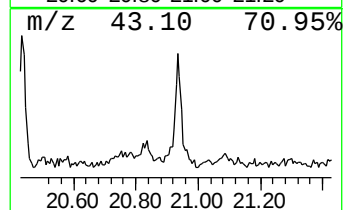
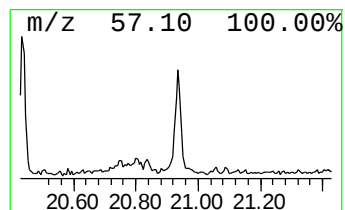
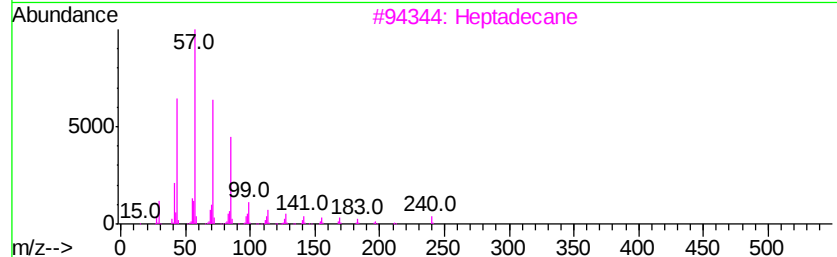
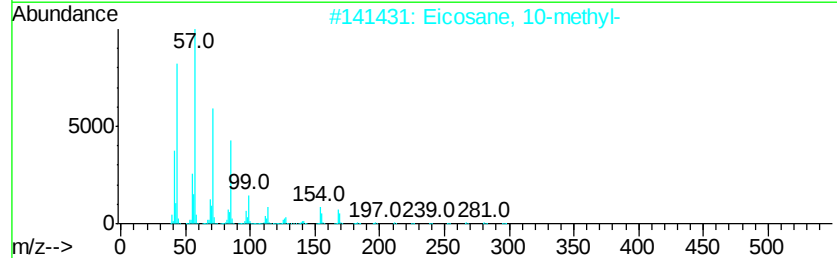
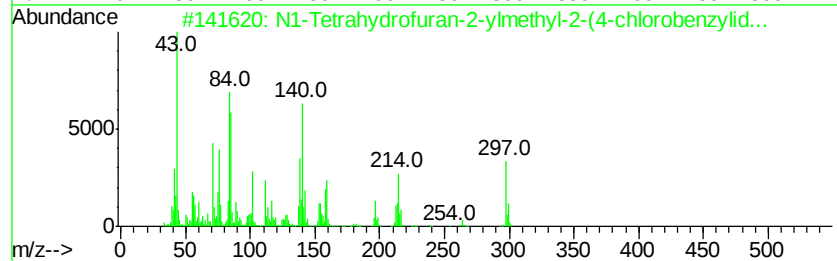
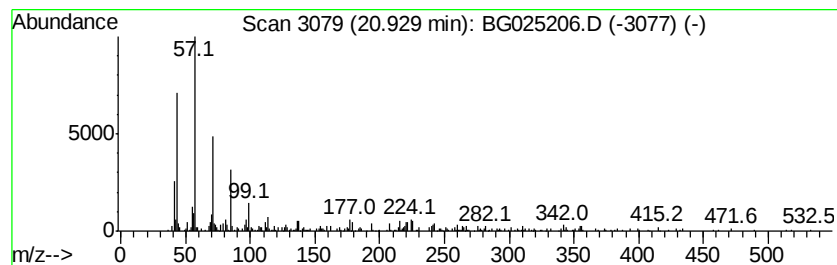
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 N1-Tetrahydrofuran-2-ylmeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.94 ng/ul	406307	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N1-Tetrahydrofuran-2-ylmethvl-2-...	297	C13H16ClN3OS	283155-62-4	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3		Heptadecane	240	C17H36	000629-78-7	72
4		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	60
5		Octadecane, 5-methyl-	268	C19H40	025117-35-5	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
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Sample : H5938-09
Misc :
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Instrument :
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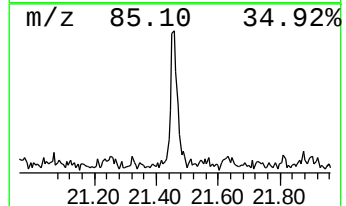
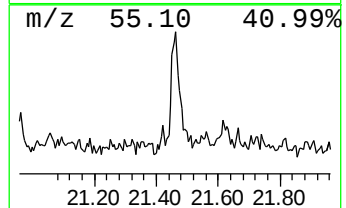
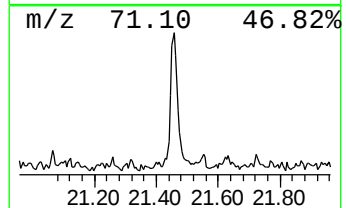
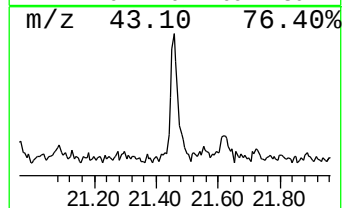
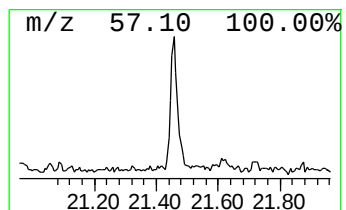
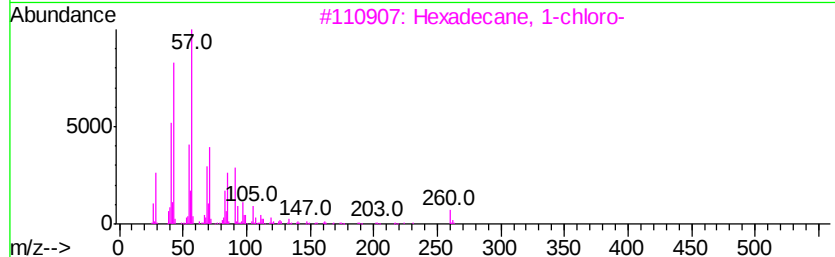
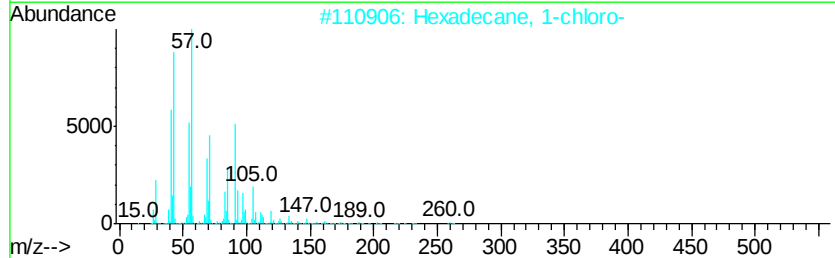
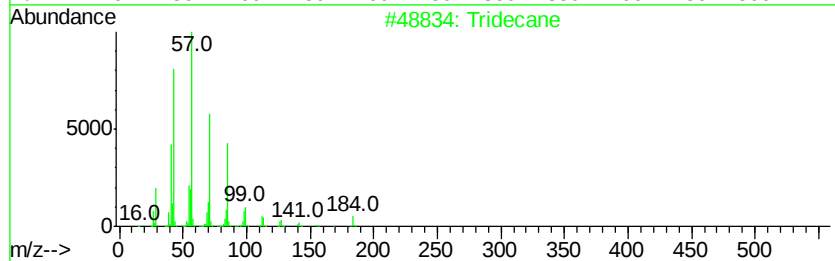
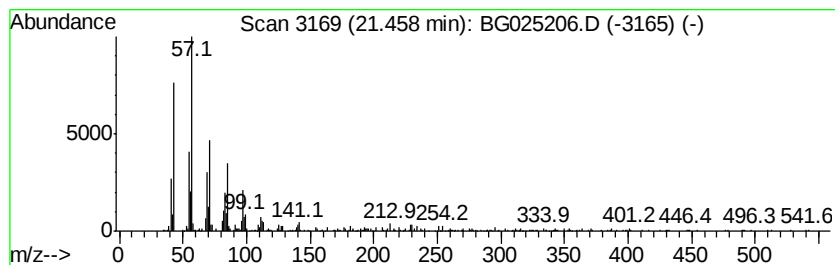
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.35 ng/ul	345329	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
4		1-Chloroeicosane	316	C20H41Cl	042217-02-7	70
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
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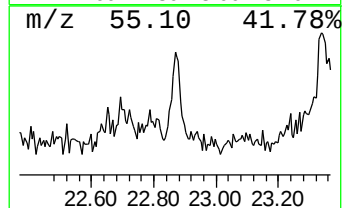
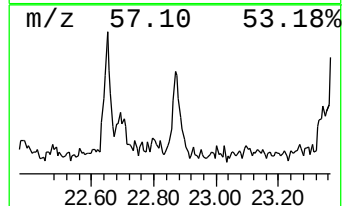
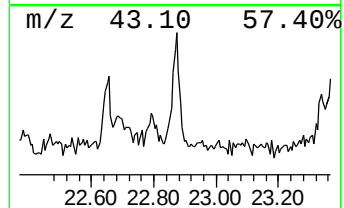
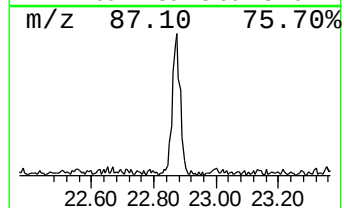
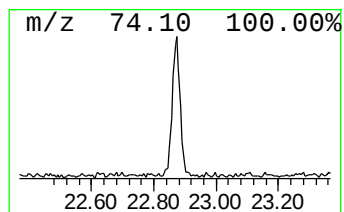
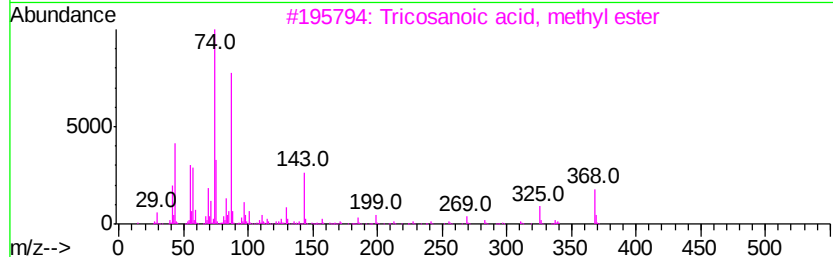
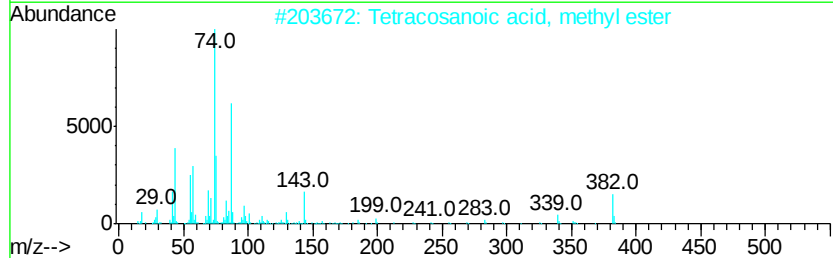
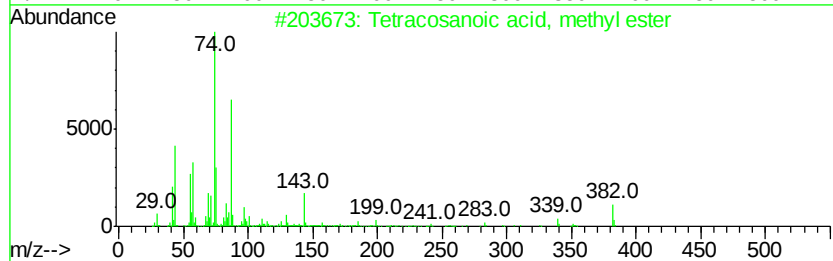
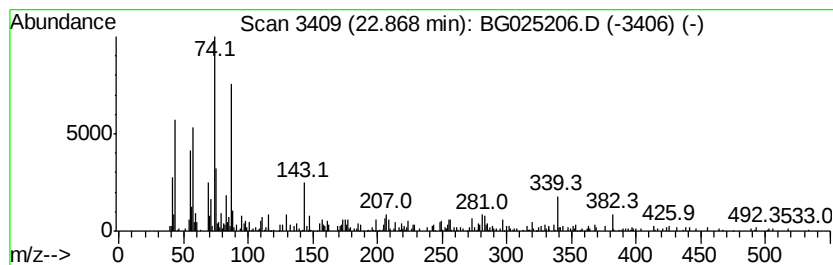
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tetracosanoic acid, methyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
22.87	2.94 ng/ul	303764	Chrysene-d12		21.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	93
2			Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	93
3			Tricosanoic acid, methyl ester	368	C24H48O2	002433-97-8	91
4			Methyl 20-methyl-docosanoate	368	C24H48O2	1000336-49-8	87
5			Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
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Sample : H5938-09
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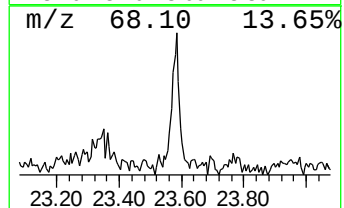
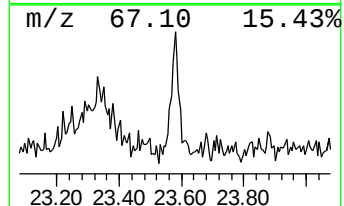
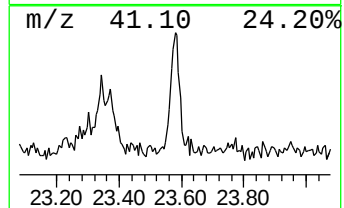
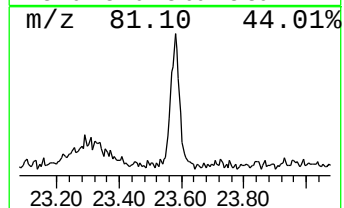
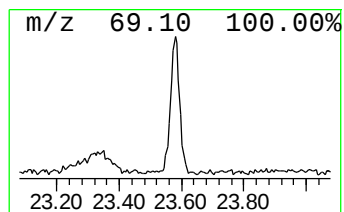
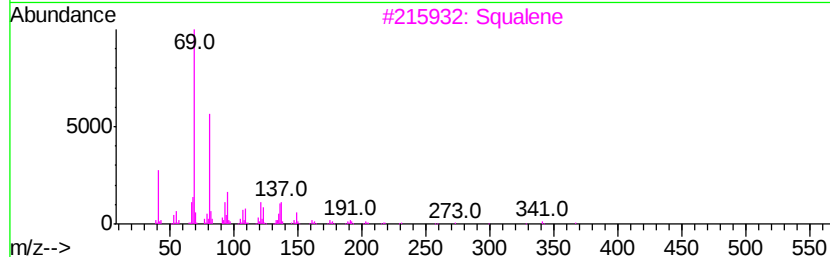
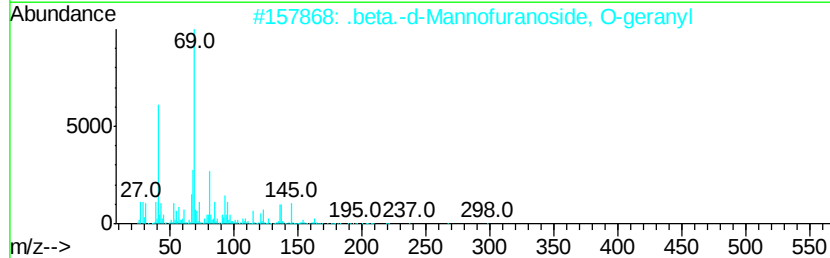
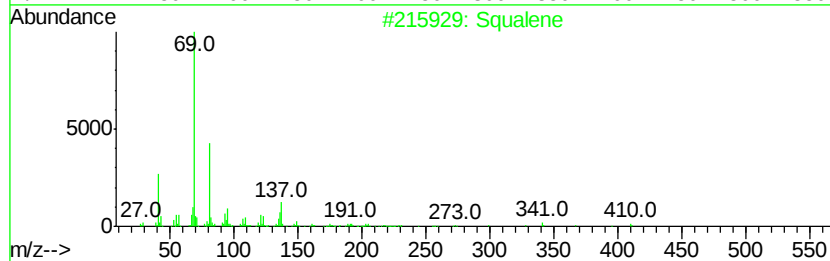
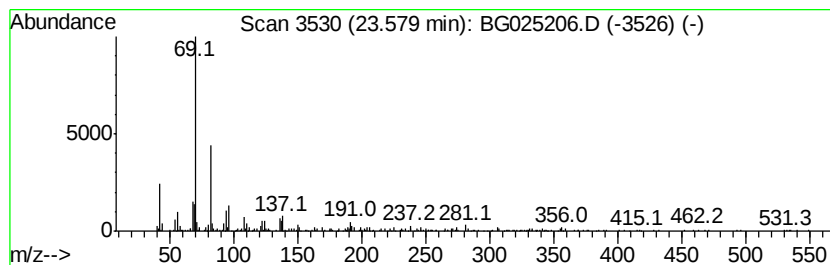
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	3.09 ng/ul	319134	Chrysene-d12	21.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	64
2			.beta.-d-Mannofuranoside, O-geranyl	316	C16H28O6	1000154-77-2	64
3			Squalene	410	C30H50	000111-02-4	64
4			Supraene	410	C30H50	007683-64-9	64
5			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025206.D
Acq On : 15 Dec 2016 10:42
Operator : UM/SJ
Sample : H5938-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA829

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.29	3.6	ng/ul	104588	1	8.24	576163	20.0
(DEL) Alkane: Str...	16.50	2.2	ng/ul	200239	4	17.60	1786370	20.0
n-Hexadecanoic acid	18.44	4.6	ng/ul	407448	4	17.60	1786370	20.0
(DEL) Alkane: Str...	19.34	2.4	ng/ul	215263	4	17.60	1786370	20.0
(DEL) Alkane: Str...	19.91	2.2	ng/ul	231189	5	21.89	2064070	20.0
(DEL) Alkane: Str...	20.44	3.3	ng/ul	339521	5	21.89	2064070	20.0
N1-Tetrahydrofura...	20.93	3.9	ng/ul	406307	5	21.89	2064070	20.0
(DEL) Alkane: Str...	21.46	3.4	ng/ul	345329	5	21.89	2064070	20.0
Tetracosanoic aci...	22.87	2.9	ng/ul	303764	5	21.89	2064070	20.0
Squalene	23.58	3.1	ng/ul	319134	5	21.89	2064070	20.0