

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019278.D
 Acq On : 21 Oct 2015 12:58
 Operator : UM/NP
 Sample : G4074-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H1

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-BG101515.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	2.903	9	11	13	rBV2	798	774	0.14%	0.012%
2	3.079	36	41	49	rBV	40729	72838	13.42%	1.175%
3	3.150	49	53	63	rVB	211832	287737	53.03%	4.640%
4	3.408	95	97	104	rVB4	1437	2594	0.48%	0.042%
5	3.467	104	107	110	rBV3	611	874	0.16%	0.014%
6	3.943	185	188	191	rBV2	2164	2490	0.46%	0.040%
7	4.213	231	234	237	rBV2	561	776	0.14%	0.013%
8	5.077	376	381	386	rVB2	1223	1711	0.32%	0.028%
9	7.163	730	736	744	rVB	32587	54437	10.03%	0.878%
10	7.310	754	761	768	rVB	24262	38596	7.11%	0.622%
11	7.521	791	797	804	rBV	33760	53477	9.85%	0.862%
12	7.985	870	876	882	rVB	65236	106839	19.69%	1.723%
13	8.702	992	998	1007	rBV2	37823	64070	11.81%	1.033%
14	9.149	1067	1074	1082	rVB	34262	57503	10.60%	0.927%
15	9.296	1097	1099	1103	rBV2	1174	1197	0.22%	0.019%
16	9.560	1140	1144	1149	rVB4	1636	2901	0.53%	0.047%
17	9.871	1189	1197	1203	rVB	30987	51947	9.57%	0.838%
18	10.065	1221	1230	1238	rBV3	13690	34278	6.32%	0.553%
19	10.153	1243	1245	1248	rVV2	1079	1493	0.28%	0.024%
20	10.195	1251	1252	1256	rVB2	1040	839	0.15%	0.014%
21	10.230	1256	1258	1260	rBV2	664	721	0.13%	0.012%
22	10.418	1284	1290	1299	rVB2	42531	70715	13.03%	1.140%
23	10.788	1346	1353	1362	rVB	95530	167163	30.81%	2.696%
24	10.929	1372	1377	1386	rVV3	9496	17829	3.29%	0.288%
25	11.199	1421	1423	1430	rVB2	600	862	0.16%	0.014%
26	11.587	1486	1489	1493	rBV2	1260	1726	0.32%	0.028%
27	12.169	1583	1588	1595	rVB3	5209	7252	1.34%	0.117%
28	12.368	1619	1622	1626	rVB2	627	761	0.14%	0.012%
29	12.897	1710	1712	1716	rVB2	1334	1160	0.21%	0.019%
30	12.980	1723	1726	1732	rVB2	2071	2685	0.49%	0.043%
31	13.226	1763	1768	1774	rBV4	2616	3489	0.64%	0.056%
32	13.761	1853	1859	1870	rBV3	8658	20737	3.82%	0.334%
33	14.020	1897	1903	1908	rVV	102222	150228	27.68%	2.423%
34	14.072	1908	1912	1917	rVV	39546	56173	10.35%	0.906%

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35	14.143	1920	1924	1927	rBV2	492	750	0.14%	0.012%
36	14.255	1940	1943	1946	rBV2	3592	4375	0.81%	0.071%
37	14.313	1946	1953	1961	rVB	102488	155812	28.71%	2.513%
38	14.507	1982	1986	1990	rBV3	1275	1501	0.28%	0.024%
39	14.619	1999	2005	2013	rVB3	176330	282560	52.07%	4.557%
40	14.730	2019	2024	2026	rBV2	523	732	0.13%	0.012%
41	14.836	2036	2042	2056	rVV	46890	77812	14.34%	1.255%
42	14.971	2061	2065	2068	rBV4	1853	2677	0.49%	0.043%
43	15.030	2070	2075	2080	rVV4	7414	9903	1.82%	0.160%
44	15.130	2088	2092	2098	rVB4	1986	2667	0.49%	0.043%
45	15.253	2107	2113	2118	rBV4	2722	5317	0.98%	0.086%
46	15.353	2127	2130	2131	rVB	997	1016	0.19%	0.016%
47	15.406	2134	2139	2141	rBV3	2918	3610	0.67%	0.058%
48	15.459	2144	2148	2152	rVB2	3301	5217	0.96%	0.084%
49	15.494	2152	2154	2156	rBV	761	771	0.14%	0.012%
50	15.612	2167	2174	2181	rBV	142249	216628	39.92%	3.493%
51	15.729	2189	2194	2201	rVV	55982	82970	15.29%	1.338%
52	15.782	2201	2203	2208	rVB3	1979	2564	0.47%	0.041%
53	15.841	2212	2213	2214	rBV	1587	1117	0.21%	0.018%
54	15.859	2214	2216	2223	rVB5	2516	3211	0.59%	0.052%
55	16.017	2239	2243	2244	rBV3	1077	1222	0.23%	0.020%
56	16.088	2253	2255	2257	rVB3	1134	854	0.16%	0.014%
57	16.117	2257	2260	2261	rBV3	1388	1163	0.21%	0.019%
58	16.152	2261	2266	2270	rBV5	3551	6308	1.16%	0.102%
59	16.188	2270	2272	2275	rVB2	1463	1163	0.21%	0.019%
60	16.252	2278	2283	2285	rBV2	1710	2551	0.47%	0.041%
61	16.317	2291	2294	2297	rBV3	7466	10042	1.85%	0.162%
62	16.381	2303	2305	2306	rBV2	1149	697	0.13%	0.011%
63	16.399	2306	2308	2311	rVB4	1631	1590	0.29%	0.026%
64	16.452	2315	2317	2318	rBV2	1485	1368	0.25%	0.022%
65	16.505	2320	2326	2331	rBV4	10654	16438	3.03%	0.265%
66	16.581	2336	2339	2341	rVB3	1620	1212	0.22%	0.020%
67	16.616	2343	2345	2346	rBV2	1788	1430	0.26%	0.023%
68	16.716	2358	2362	2364	rBV4	1586	2347	0.43%	0.038%
69	16.757	2364	2369	2378	rBV8	13882	25229	4.65%	0.407%
70	16.822	2378	2380	2381	rBV	2393	1745	0.32%	0.028%
71	16.940	2398	2400	2401	rBV2	1649	1194	0.22%	0.019%

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72	17.069	2417	2422	2426	rBV3	34480	48824	9.00%	0.787%
73	17.110	2426	2429	2433	rVB5	6870	6545	1.21%	0.106%
74	17.157	2435	2437	2438	rBV2	2619	2539	0.47%	0.041%
75	17.363	2467	2472	2478	rBV2	243394	369241	68.04%	5.954%
76	17.463	2483	2489	2497	rVB	171137	246029	45.34%	3.967%
77	17.533	2497	2501	2502	rBV4	2395	3337	0.61%	0.054%
78	17.586	2507	2510	2512	rBV3	3666	4844	0.89%	0.078%
79	17.844	2552	2554	2559	rVB5	4777	6988	1.29%	0.113%
80	18.197	2610	2614	2618	rBV5	17329	25684	4.73%	0.414%
81	18.256	2620	2624	2631	rBV	98352	136080	25.08%	2.194%
82	18.714	2700	2702	2704	rBV3	4782	4195	0.77%	0.068%
83	19.525	2836	2840	2846	rBV2	72423	106705	19.66%	1.721%
84	19.666	2861	2864	2869	rVB	49130	52742	9.72%	0.851%
85	19.748	2873	2878	2888	rVB	197152	289983	53.44%	4.676%
86	19.866	2895	2898	2903	rVB	28115	36518	6.73%	0.589%
87	20.418	2988	2992	2996	rVB	33374	40120	7.39%	0.647%
88	20.706	3038	3041	3047	rVB	33725	41303	7.61%	0.666%
89	20.770	3050	3052	3056	rVB3	14684	15047	2.77%	0.243%
90	20.935	3076	3080	3084	rBV	30160	39771	7.33%	0.641%
91	21.276	3134	3138	3150	rVB	152214	224432	41.36%	3.619%
92	21.475	3169	3172	3177	rVB2	26691	30586	5.64%	0.493%
93	21.628	3193	3198	3205	rVB	277778	446425	82.27%	7.199%
94	21.816	3227	3230	3237	rVB3	24456	37225	6.86%	0.600%
95	22.421	3328	3333	3349	rVB	203788	361852	66.68%	5.835%
96	23.908	3580	3586	3593	rVB	149366	310070	57.14%	5.000%
97	24.601	3697	3704	3714	rVB	103136	262942	48.46%	4.240%
98	24.824	3735	3742	3759	rVB2	178148	542644	100.00%	8.751%
99	25.964	3930	3936	3950	rVB2	68932	228786	42.16%	3.689%
100	31.781	4924	4926	4927	rBV2	5060	3040	0.56%	0.049%

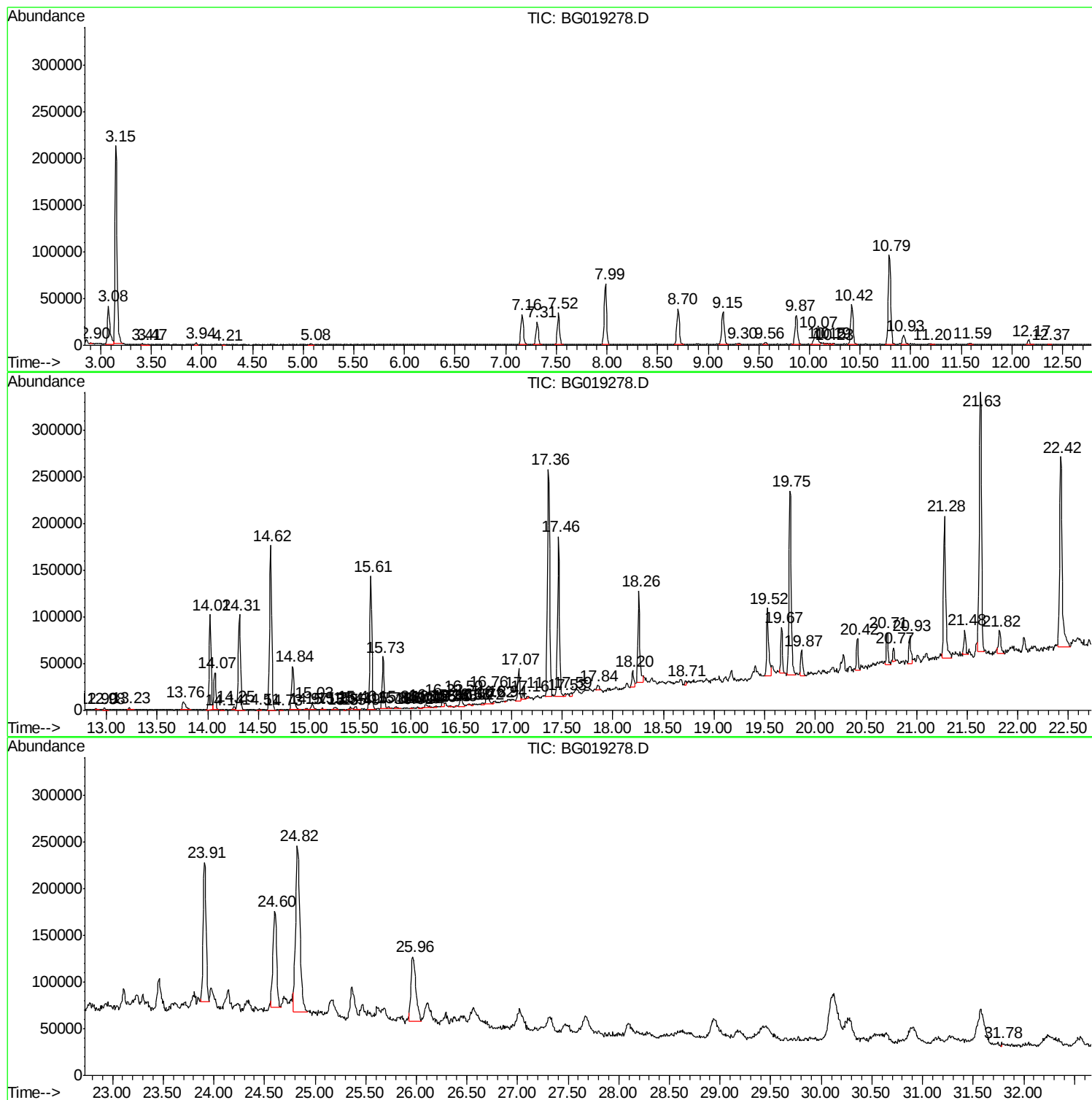
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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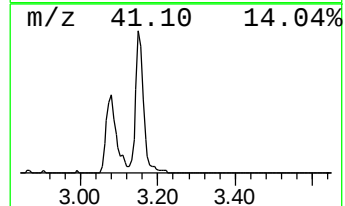
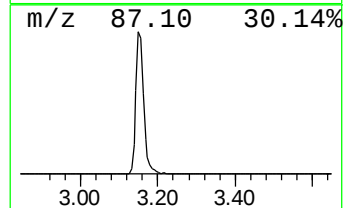
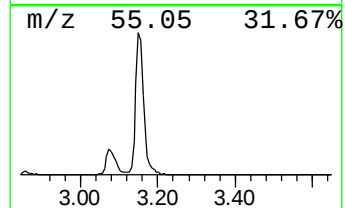
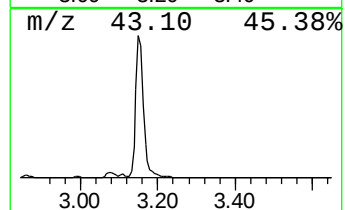
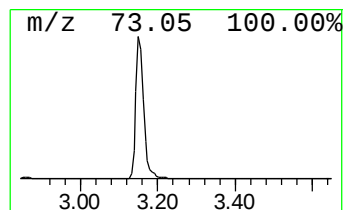
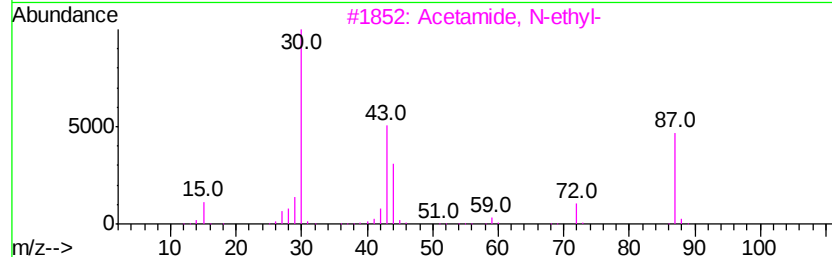
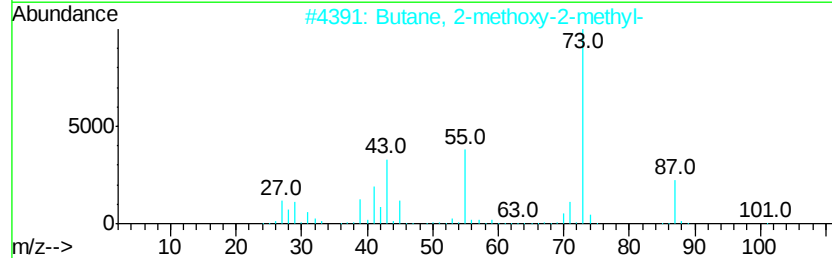
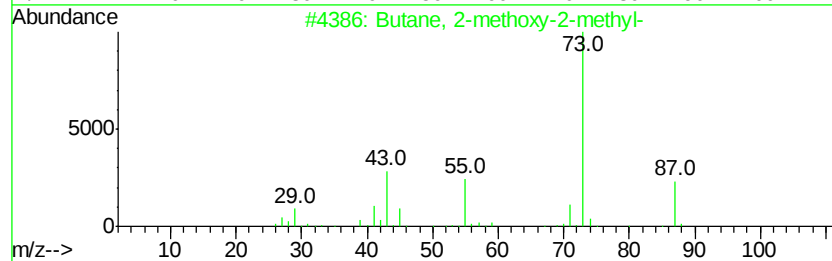
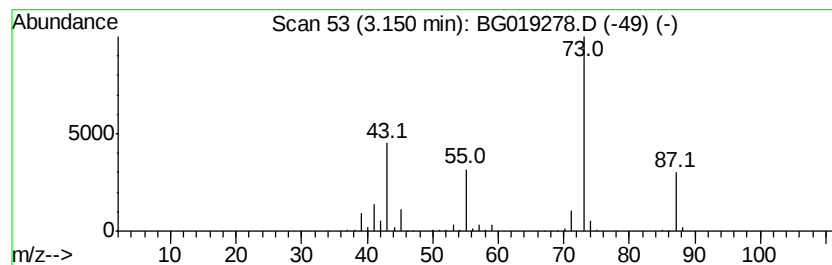
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.15	53.86 ng/ul	287737	1,4-Dichlorobenzene-d4	7.99

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	50
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	9



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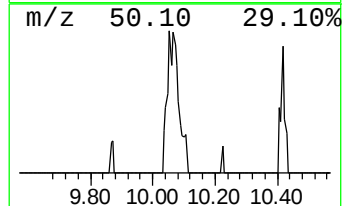
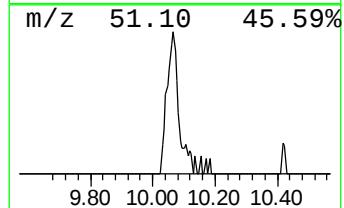
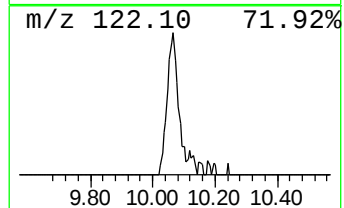
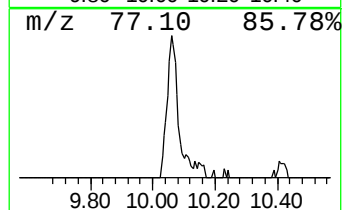
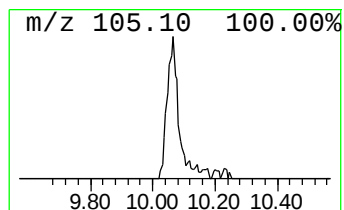
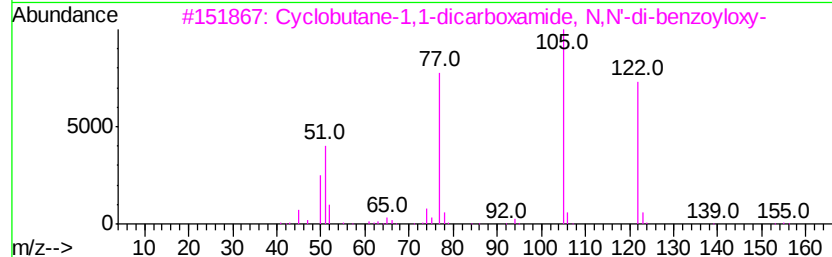
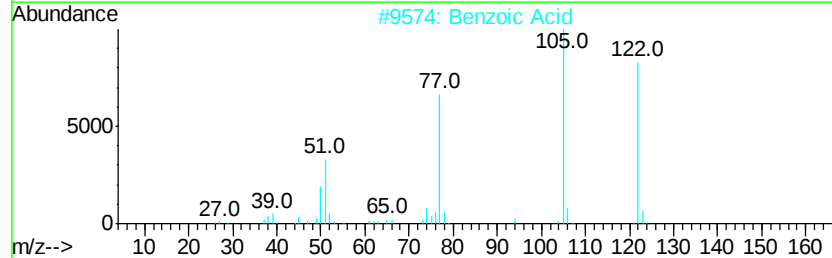
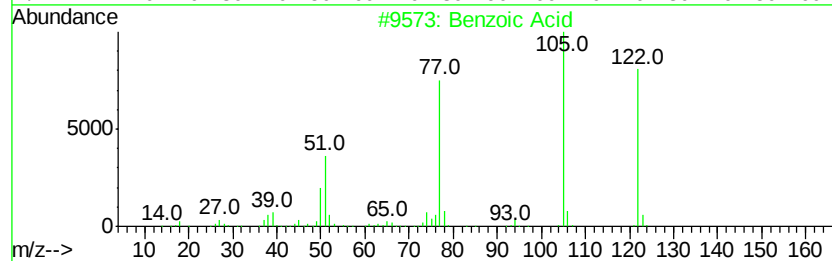
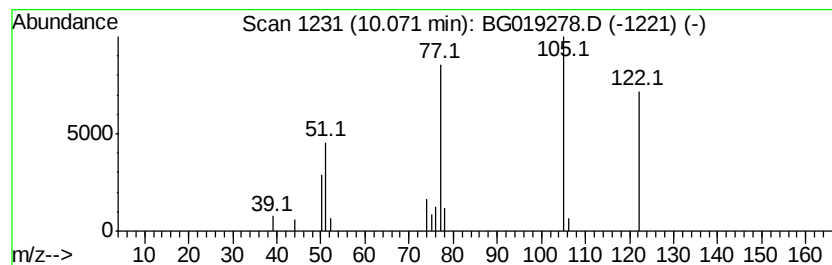
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclobutane-1,1-dicarboxami... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	4.10 ng/ul	34278	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic Acid	122	C7H6O2	000065-85-0	91
2		Benzoic Acid	122	C7H6O2	000065-85-0	91
3		Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	90
4		Cyclopropanecarboxamide, N-benzo...	205	C11H11N03	1000253-25-4	83
5		Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	83



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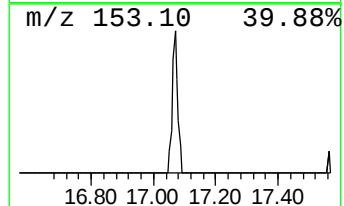
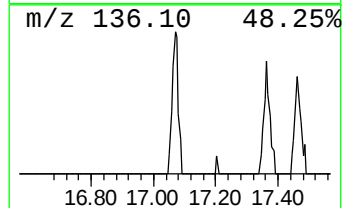
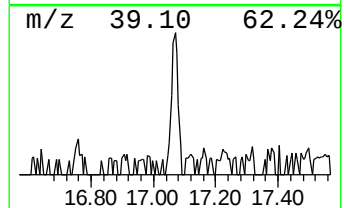
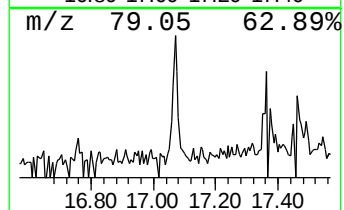
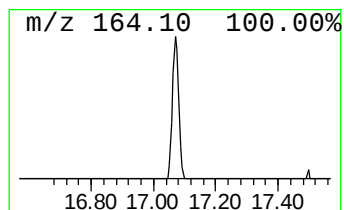
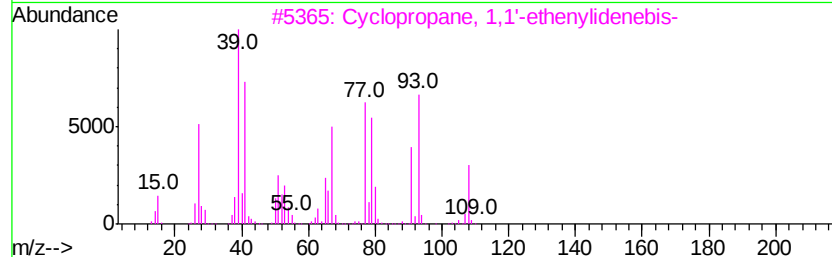
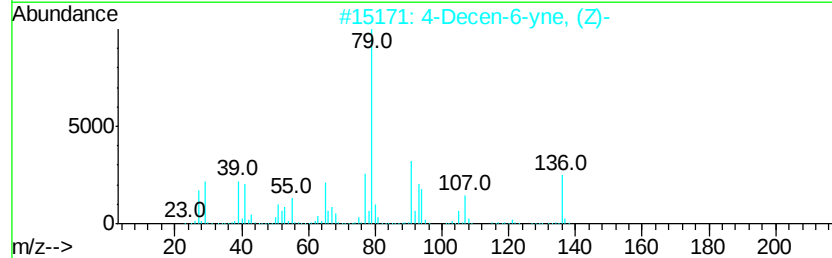
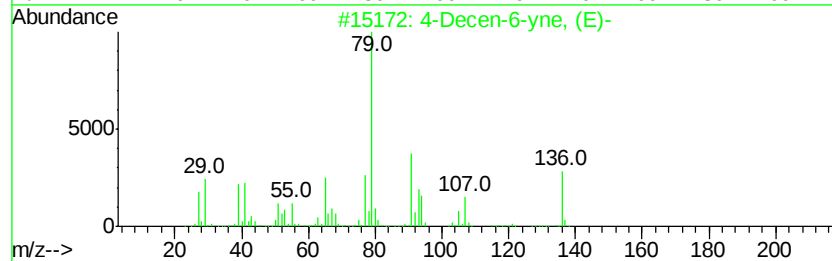
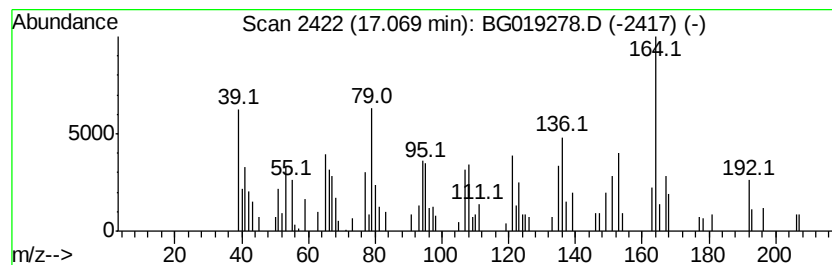
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Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.64 ng/ul	48824	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Decen-6-yne, (E)-	136	C10H16	013343-77-6	27
2		4-Decen-6-yne, (Z)-	136	C10H16	013343-76-5	27
3		Cyclopropane, 1,1'-ethenylidenebis-	108	C8H12	000822-93-5	25
4		6-Methyl-4-methoxy-benzofurazan	164	C8H8N2O2	063006-67-7	22
5		6-Methyl-1H-pyrrolo[3,4-c]pyridi...	164	C8H8N2O2	089159-34-2	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
Operator : UM/NP
Sample : G4074-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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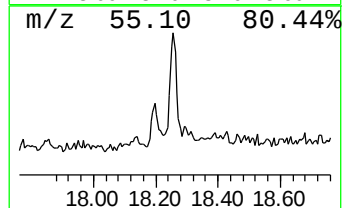
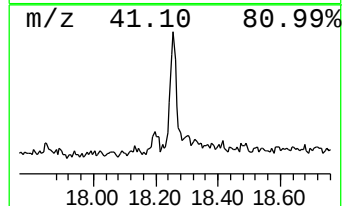
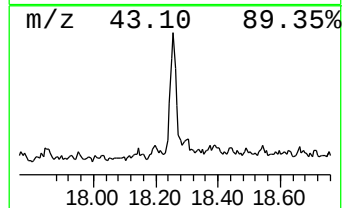
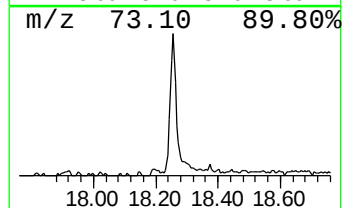
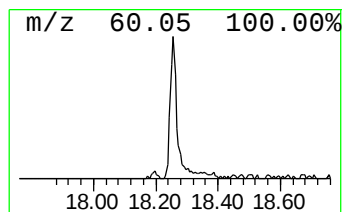
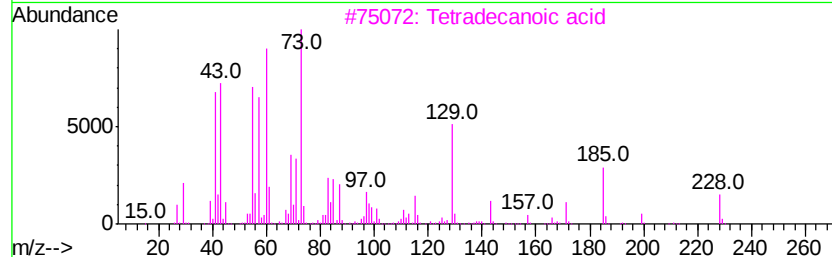
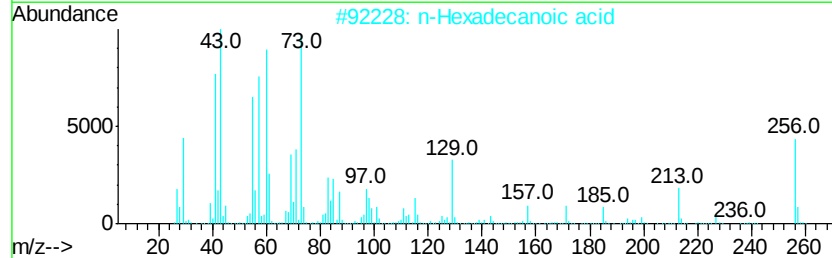
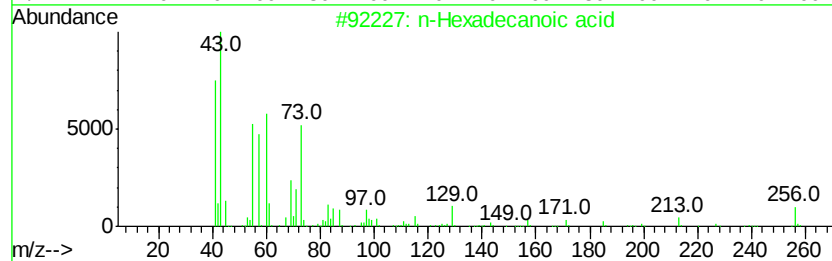
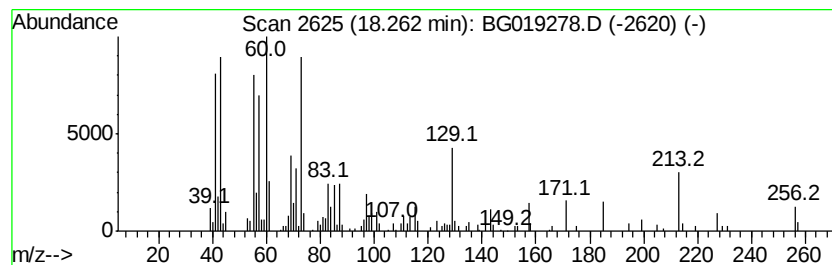
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.37 ng/ul	136080	Phenanthrene-d10	17.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
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Acq On : 21 Oct 2015 12:58
Operator : UM/NP
Sample : G4074-02
Misc :
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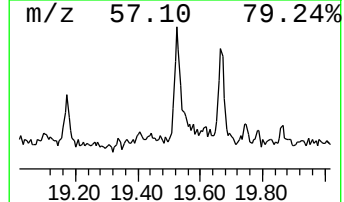
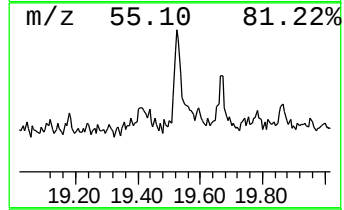
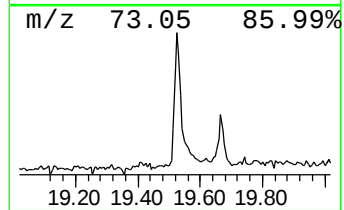
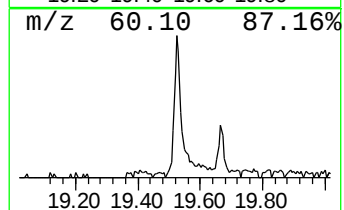
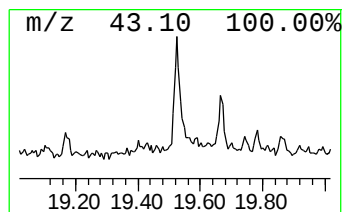
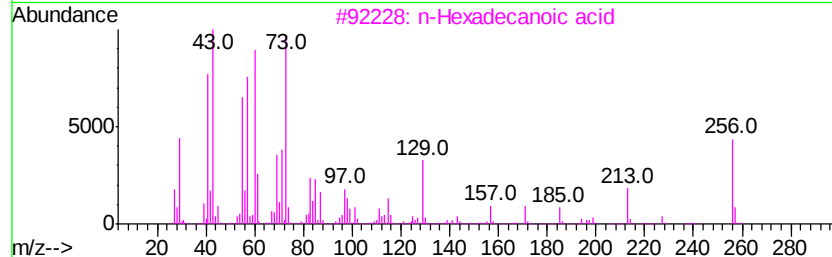
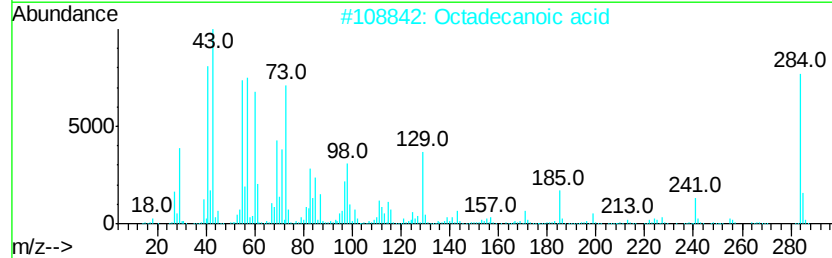
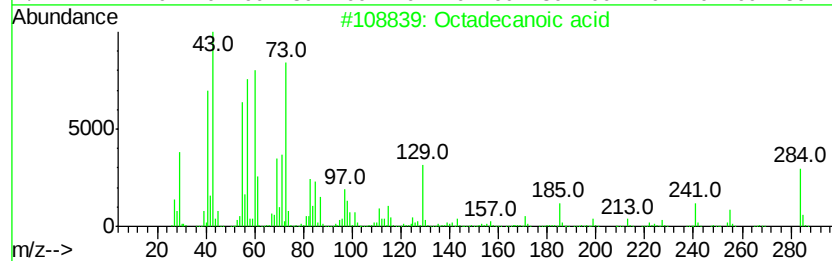
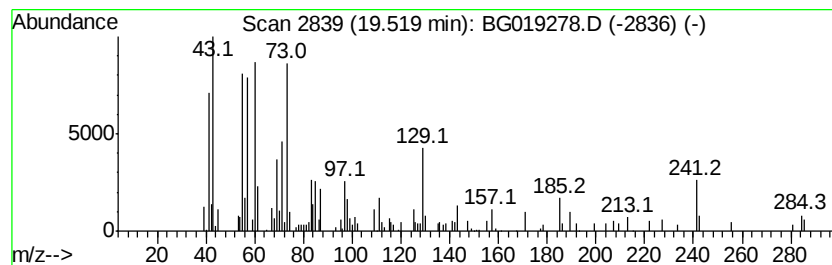
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.52	4.78 ng/ul	106705	Chrysene-d12	21.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
Operator : UM/NP
Sample : G4074-02
Misc :
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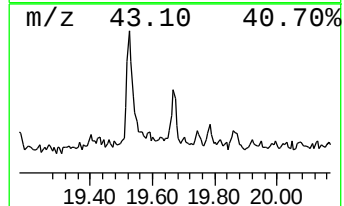
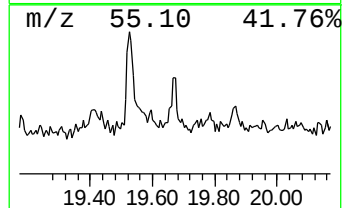
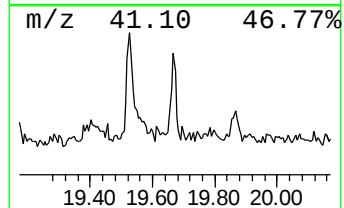
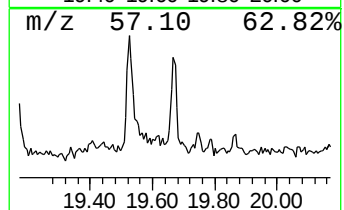
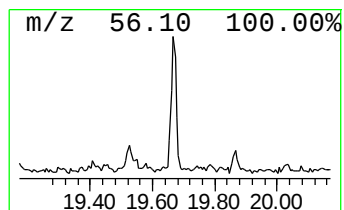
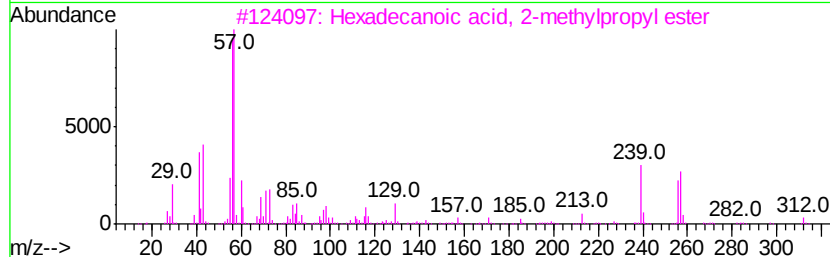
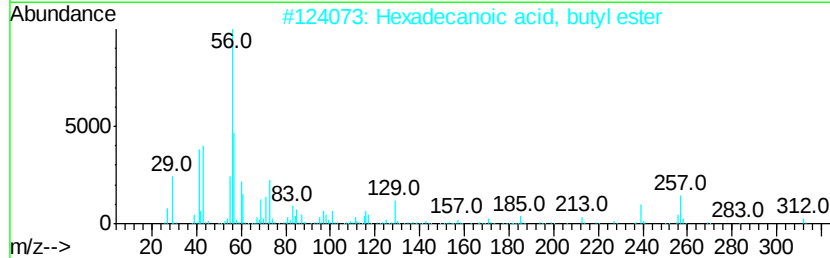
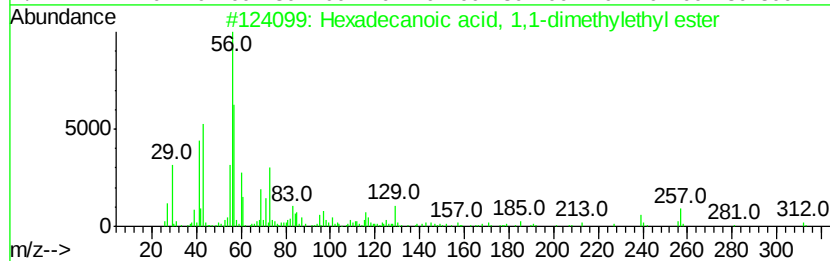
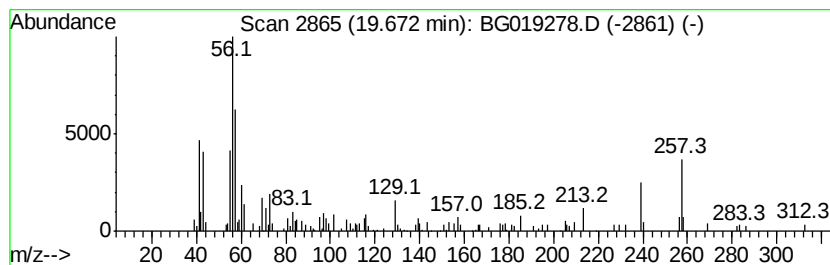
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.36 ng/ul	52742	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3		Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	64
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
5		Cyclopentanone, 2,2,5-trimethyl-	126	C8H14O	004573-09-5	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
Operator : UM/NP
Sample : G4074-02
Misc :
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ClientSampleId :
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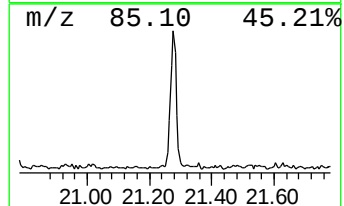
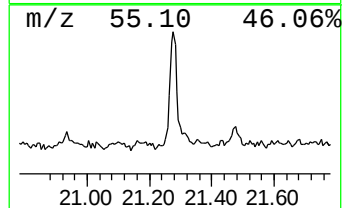
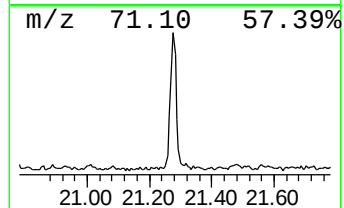
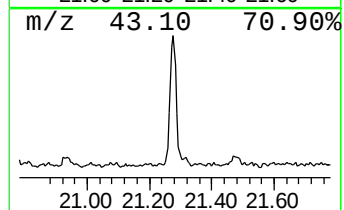
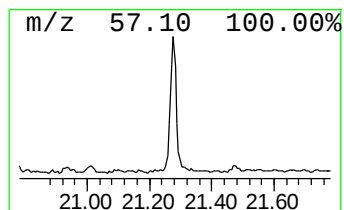
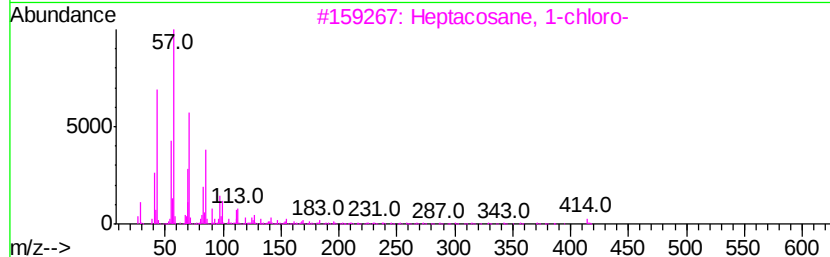
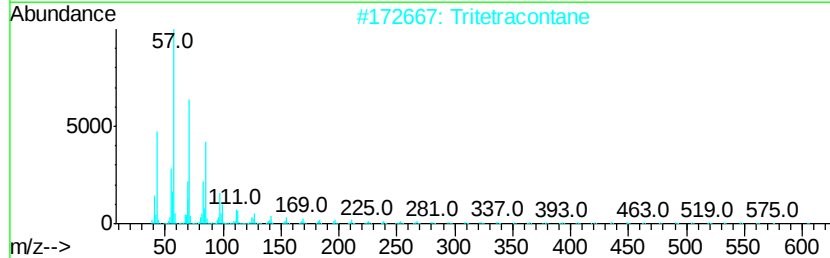
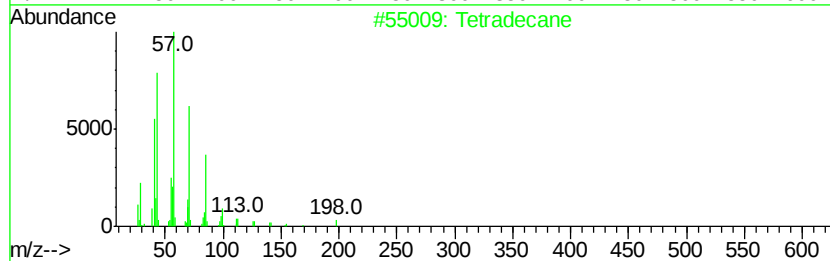
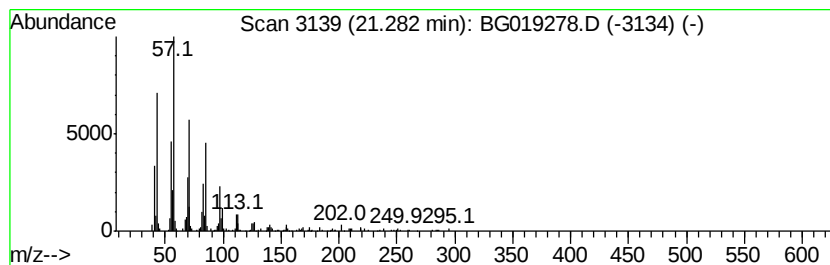
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	10.05 ng/ul	224432	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Tritetracontane	605	C43H88	007098-21-7	83
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
5		Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
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Misc :
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ClientSampleId :
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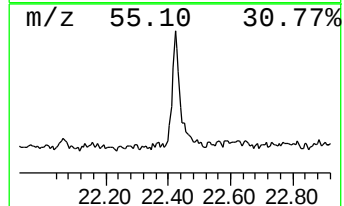
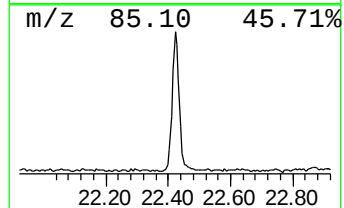
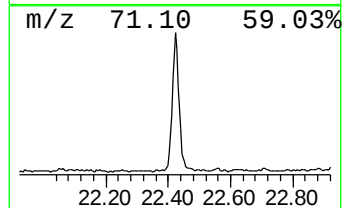
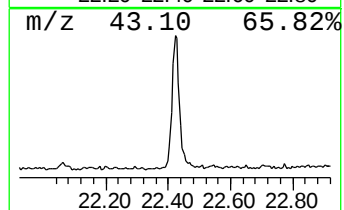
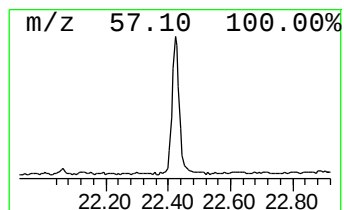
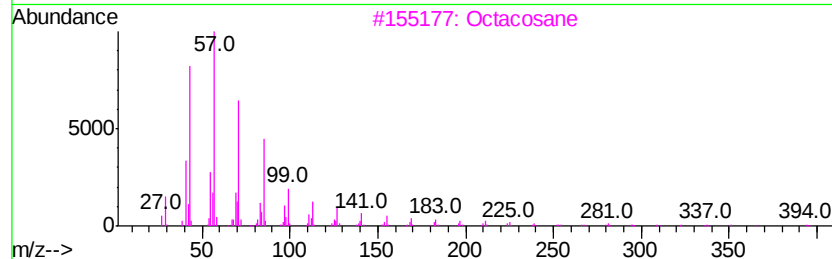
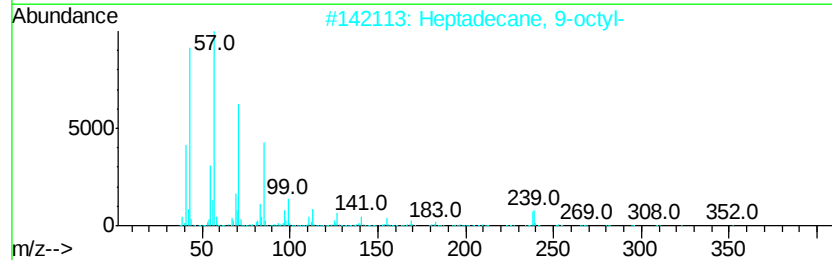
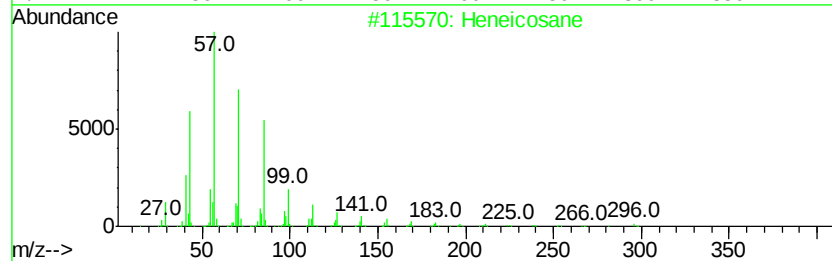
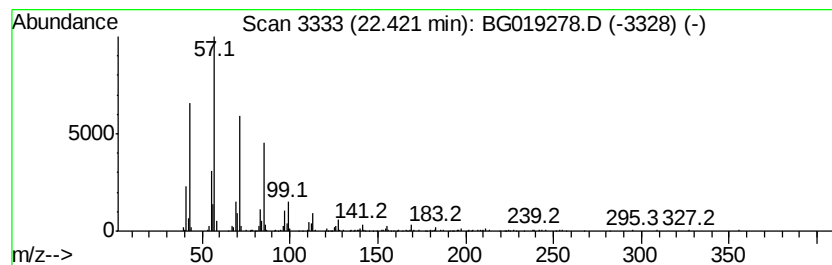
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	16.21 ng/ul	361852	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
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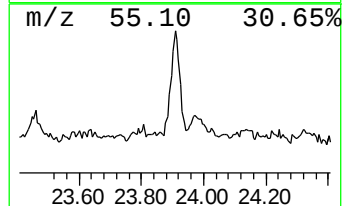
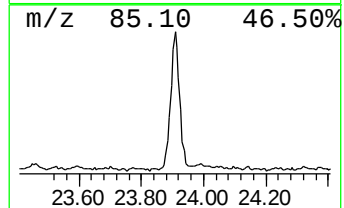
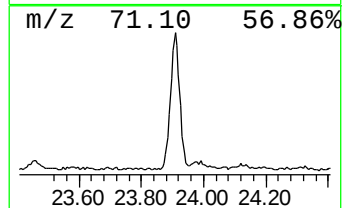
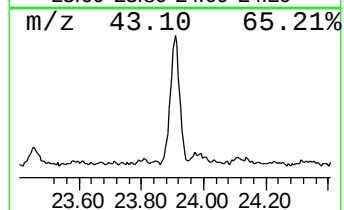
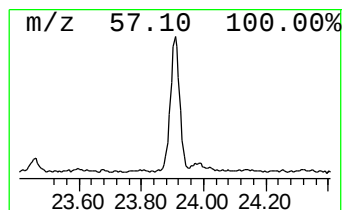
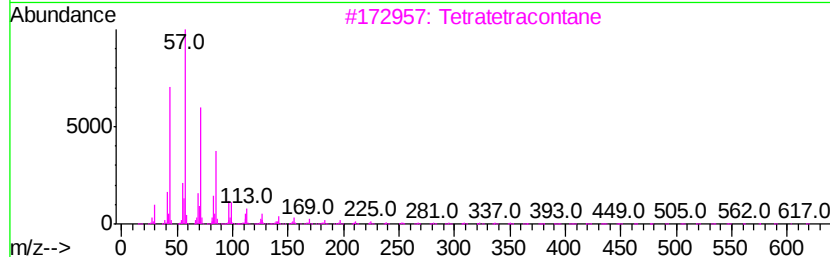
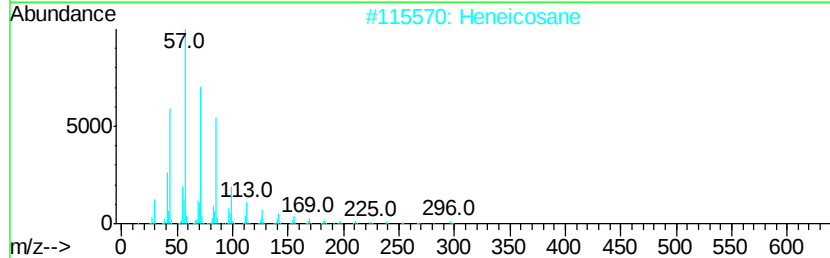
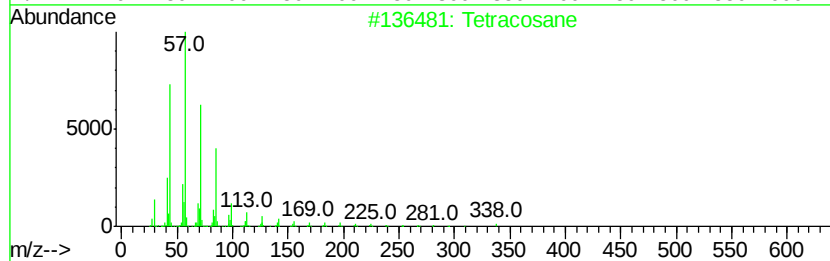
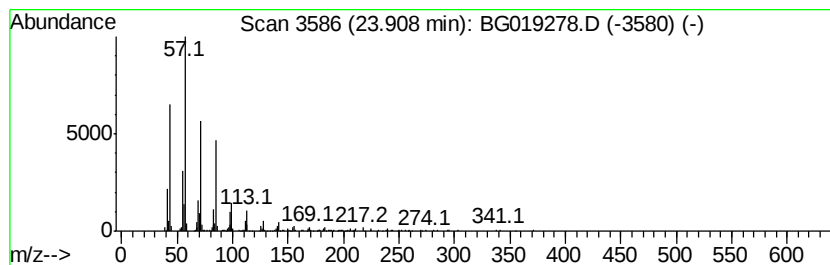
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Branched23.91 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	11.43 ng/ul	310070	Perylene-d12	24.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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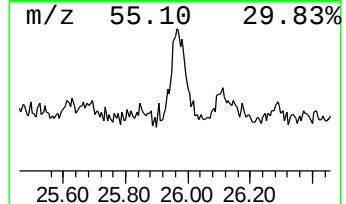
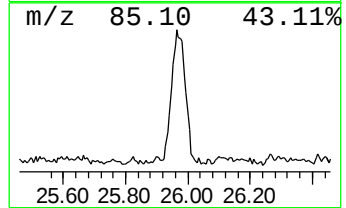
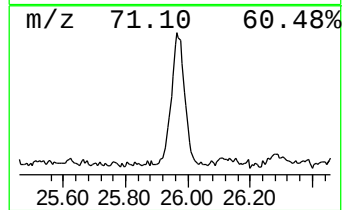
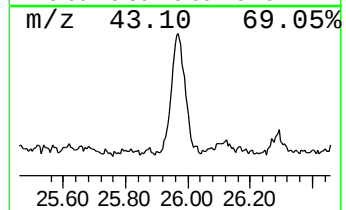
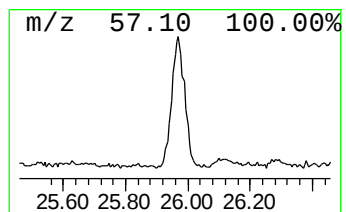
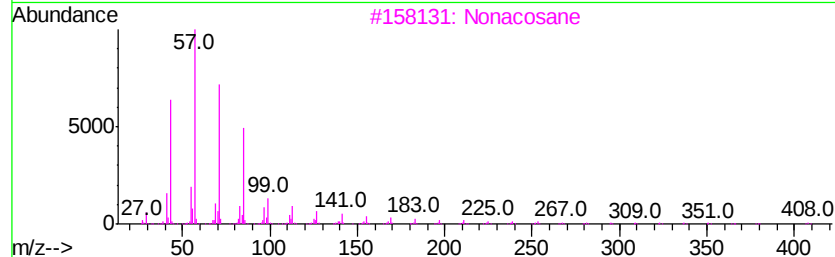
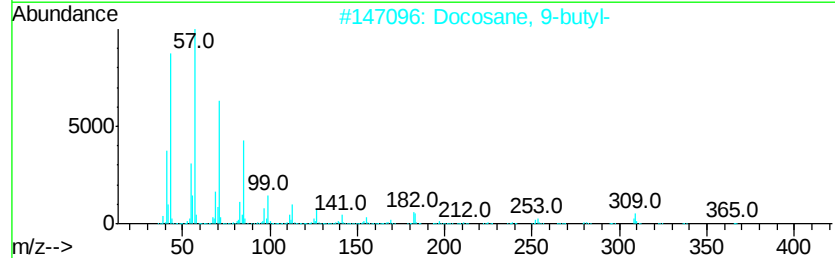
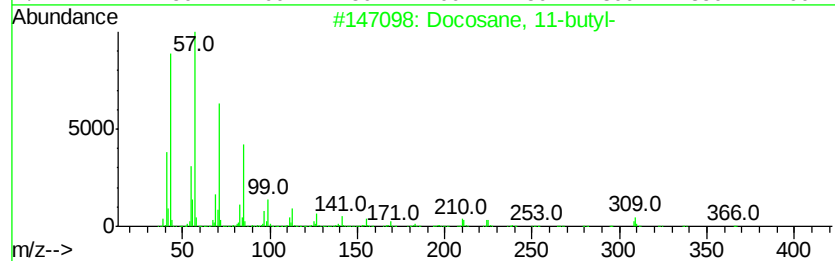
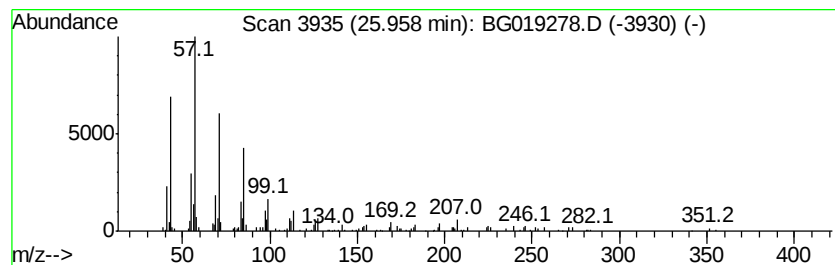
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	8.43 ng/ul	228786	Perylene-d12	24.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
2			Docosane, 9-butyl-	366	C26H54	055282-14-9	87
3			Nonacosane	408	C29H60	000630-03-5	87
4			Tetracosane	338	C24H50	000646-31-1	87
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102115\
Data File : BG019278.D
Acq On : 21 Oct 2015 12:58
Operator : UM/NP
Sample : G4074-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.15	53.9	ng/ul	287737	1	7.99	106839	20.0
Cyclobutane-1,1-d...	10.07	4.1	ng/ul	34278	2	10.79	167163	20.0
unknown-01	17.07	2.6	ng/ul	48824	4	17.36	369241	20.0
n-Hexadecanoic acid	18.26	7.4	ng/ul	136080	4	17.36	369241	20.0
Octadecanoic acid	19.52	4.8	ng/ul	106705	5	21.63	446425	20.0
Hexadecanoic acid...	19.67	2.4	ng/ul	52742	5	21.63	446425	20.0
(DEL) Alkane: Str...	21.28	10.1	ng/ul	224432	5	21.63	446425	20.0
(DEL) Alkane: Str...	22.42	16.2	ng/ul	361852	5	21.63	446425	20.0
(DEL) Alkane: Bra...	23.91	11.4	ng/ul	310070	6	24.82	542644	20.0
(DEL) Alkane: Str...	25.96	8.4	ng/ul	228786	6	24.82	542644	20.0