

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023795.D
 Acq On : 19 Aug 2016 14:44
 Operator : UM/SJ
 Sample : H4460-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD2S8

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-BG081816.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	3.362	88	89	94	rVB5	5139	6008	0.11%	0.015%
2	3.467	102	107	112	rBV7	9831	14826	0.27%	0.037%
3	3.585	126	127	131	rBV4	4879	7498	0.14%	0.019%
4	3.990	193	196	201	rBV5	5745	8085	0.15%	0.020%
5	4.219	232	235	239	rVB4	6912	10253	0.19%	0.026%
6	4.319	247	252	256	rBV4	4365	8073	0.15%	0.020%
7	4.595	296	299	303	rBV6	5788	7062	0.13%	0.018%
8	5.159	391	395	399	rVV7	4432	5968	0.11%	0.015%
9	5.852	510	513	516	rVB4	5837	6095	0.11%	0.015%
10	5.935	524	527	529	rBV4	4899	5594	0.10%	0.014%
11	6.322	588	593	596	rVB5	4217	7464	0.14%	0.019%
12	7.180	732	739	743	rBV	31262	50382	0.92%	0.127%
13	7.256	745	752	759	rVV	112236	211355	3.85%	0.532%
14	7.409	770	778	786	rBV	414418	678287	12.35%	1.706%
15	7.621	808	814	829	rVV	423535	760130	13.84%	1.912%
16	7.791	840	843	847	rVV5	5785	8770	0.16%	0.022%
17	7.832	847	850	853	rVB4	5151	7358	0.13%	0.019%
18	8.002	877	879	882	rBV4	5317	5674	0.10%	0.014%
19	8.091	888	894	902	rBV	432966	755357	13.75%	1.900%
20	8.149	902	904	909	rVB6	9454	11849	0.22%	0.030%
21	8.261	920	923	928	rVB6	7691	12994	0.24%	0.033%
22	8.326	928	934	936	rBV5	6405	9702	0.18%	0.024%
23	8.684	992	995	998	rBV5	5232	6982	0.13%	0.018%
24	8.731	998	1003	1008	rBV8	10916	21988	0.40%	0.055%
25	8.813	1008	1017	1025	rBV2	340507	626103	11.40%	1.575%
26	8.931	1033	1037	1041	rVV6	5795	9549	0.17%	0.024%
27	8.972	1041	1044	1046	rVB4	5925	6283	0.11%	0.016%
28	9.160	1072	1076	1077	rBV3	5297	6585	0.12%	0.017%
29	9.177	1077	1079	1080	rVV2	7445	5804	0.11%	0.015%
30	9.189	1080	1081	1083	rVV2	11166	8779	0.16%	0.022%
31	9.271	1087	1095	1106	rVV	538960	962922	17.53%	2.422%
32	9.365	1109	1111	1114	rVB4	7853	6764	0.12%	0.017%
33	9.424	1116	1121	1122	rBV5	5978	8026	0.15%	0.020%
34	9.459	1122	1127	1129	rVB6	6663	10966	0.20%	0.028%

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35	9.559	1140	1144	1149	rVB7	14038	22629	0.41%	0.057%
36	9.647	1154	1159	1164	rBV2	75031	115823	2.11%	0.291%
37	9.735	1170	1174	1179	rVB5	11612	20966	0.38%	0.053%
38	9.829	1185	1190	1191	rBV4	8928	6957	0.13%	0.018%
39	9.912	1200	1204	1209	rBV5	14343	23376	0.43%	0.059%
40	10.006	1212	1220	1229	rVV	480503	884977	16.11%	2.226%
41	10.105	1231	1237	1243	rBV4	27481	56061	1.02%	0.141%
42	10.194	1247	1252	1257	rBV6	16633	32529	0.59%	0.082%
43	10.311	1265	1272	1281	rVB3	28972	61004	1.11%	0.153%
44	10.481	1298	1301	1305	rVB6	8099	10616	0.19%	0.027%
45	10.552	1306	1313	1323	rBV	596066	1174051	21.37%	2.953%
46	10.758	1345	1348	1349	rBV3	9379	7171	0.13%	0.018%
47	10.928	1367	1377	1383	rBV	657627	1234132	22.46%	3.104%
48	11.034	1391	1395	1398	rBV5	21135	33517	0.61%	0.084%
49	11.292	1435	1439	1444	rBV7	11468	22034	0.40%	0.055%
50	11.351	1444	1449	1451	rVV5	10387	19361	0.35%	0.049%
51	11.410	1453	1459	1465	rVB10	24930	48050	0.87%	0.121%
52	11.504	1471	1475	1476	rBV4	10280	9991	0.18%	0.025%
53	11.598	1486	1491	1494	rBV7	16471	25231	0.46%	0.063%
54	11.645	1497	1499	1504	rVB6	10554	11957	0.22%	0.030%
55	11.833	1526	1531	1537	rVB8	31637	60339	1.10%	0.152%
56	11.974	1550	1555	1557	rBV6	15024	23905	0.44%	0.060%
57	12.044	1561	1567	1575	rVB7	40010	91419	1.66%	0.230%
58	12.109	1575	1578	1582	rBV6	8923	11458	0.21%	0.029%
59	12.156	1582	1586	1589	rBV2	29860	38975	0.71%	0.098%
60	12.197	1591	1593	1598	rVB6	12795	15574	0.28%	0.039%
61	12.238	1598	1600	1601	rBV2	10851	8999	0.16%	0.023%
62	12.291	1606	1609	1610	rBV3	6295	6328	0.12%	0.016%
63	12.320	1610	1614	1621	rVB8	15526	32909	0.60%	0.083%
64	12.379	1622	1624	1625	rBV2	13551	9387	0.17%	0.024%
65	12.485	1637	1642	1648	rVV2	69106	132163	2.41%	0.332%
66	12.655	1669	1671	1672	rVB2	10046	6035	0.11%	0.015%
67	12.743	1679	1686	1687	rBV6	15242	26899	0.49%	0.068%
68	12.784	1689	1693	1701	rVB10	28563	75570	1.38%	0.190%
69	12.861	1703	1706	1707	rBV3	7878	9271	0.17%	0.023%
70	12.978	1721	1726	1731	rBV9	15556	28681	0.52%	0.072%
71	13.049	1731	1738	1741	rBV9	18852	42251	0.77%	0.106%

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72	13.107	1744	1748	1752	rVB6	26900	44785	0.82%	0.113%
73	13.178	1755	1760	1761	rBV4	17141	23538	0.43%	0.059%
74	13.595	1829	1831	1835	rVB5	11500	12792	0.23%	0.032%
75	13.642	1835	1839	1844	rBV8	17848	41402	0.75%	0.104%
76	13.683	1844	1846	1850	rVV4	17474	24606	0.45%	0.062%
77	13.736	1850	1855	1862	rVB8	34365	63698	1.16%	0.160%
78	13.818	1865	1869	1873	rBV4	34980	55272	1.01%	0.139%
79	13.912	1880	1885	1886	rBV5	16840	28226	0.51%	0.071%
80	13.941	1886	1890	1893	rVB5	36499	50421	0.92%	0.127%
81	14.077	1908	1913	1917	rBV8	27418	53356	0.97%	0.134%
82	14.165	1921	1928	1934	rVV	1227693	1814621	33.03%	4.565%
83	14.259	1942	1944	1949	rBV6	25241	35943	0.65%	0.090%
84	14.323	1950	1955	1958	rBV6	40324	73786	1.34%	0.186%
85	14.458	1972	1978	1986	rBV	1229303	2026947	36.90%	5.099%
86	14.770	2021	2031	2039	rBV2	918803	1609208	29.29%	4.048%
87	15.005	2067	2071	2078	rVB4	82313	150970	2.75%	0.380%
88	15.387	2131	2136	2141	rBV5	56884	114931	2.09%	0.289%
89	15.763	2195	2200	2207	rBV	1593223	2442366	44.46%	6.144%
90	15.898	2217	2223	2229	rBV	562174	895748	16.31%	2.253%
91	15.945	2229	2231	2235	rVB4	36043	46129	0.84%	0.116%
92	17.531	2496	2501	2507	rVB	1142705	1700052	30.95%	4.276%
93	17.631	2512	2518	2524	rBV2	1665199	2579049	46.95%	6.487%
94	18.406	2645	2650	2657	rBV	1081404	1547958	28.18%	3.894%
95	19.557	2844	2846	2856	rVB9	135900	211456	3.85%	0.532%
96	19.681	2861	2867	2885	rBV	3577740	5493672	100.00%	13.819%
97	19.922	2903	2908	2914	rBV	1961143	2891510	52.63%	7.273%
98	21.848	3230	3236	3243	rVB	1260930	2054422	37.40%	5.168%
99	25.003	3762	3773	3789	rVB3	985913	2868434	52.21%	7.215%
100	25.232	3802	3812	3824	rVB3	670734	2078776	37.84%	5.229%

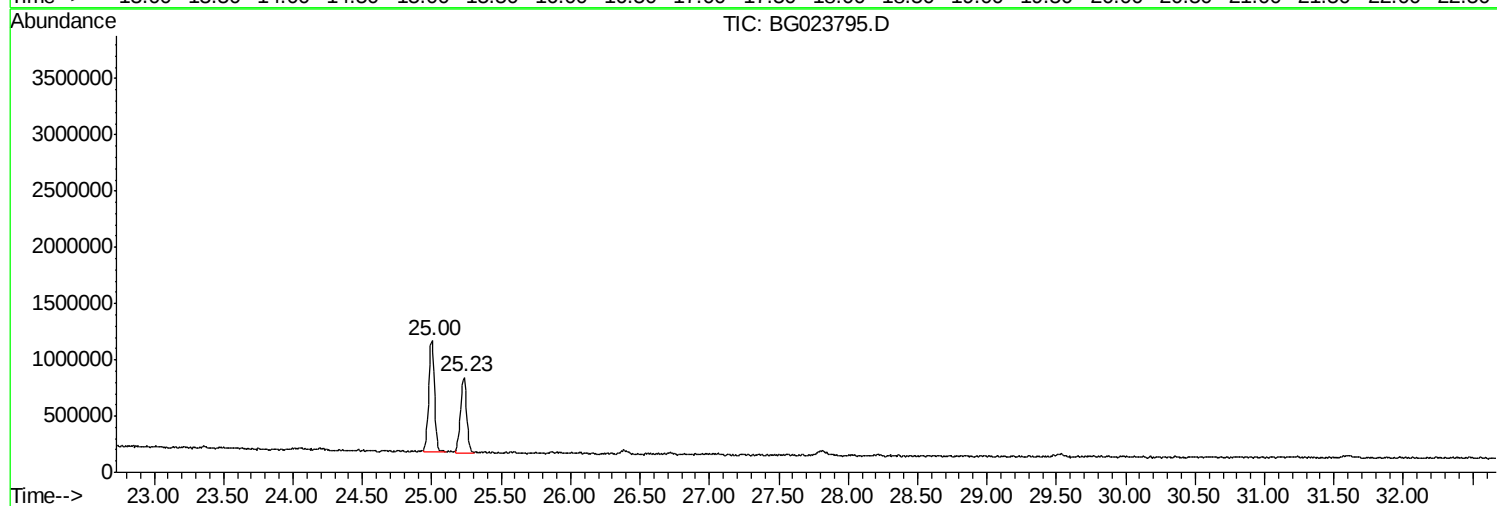
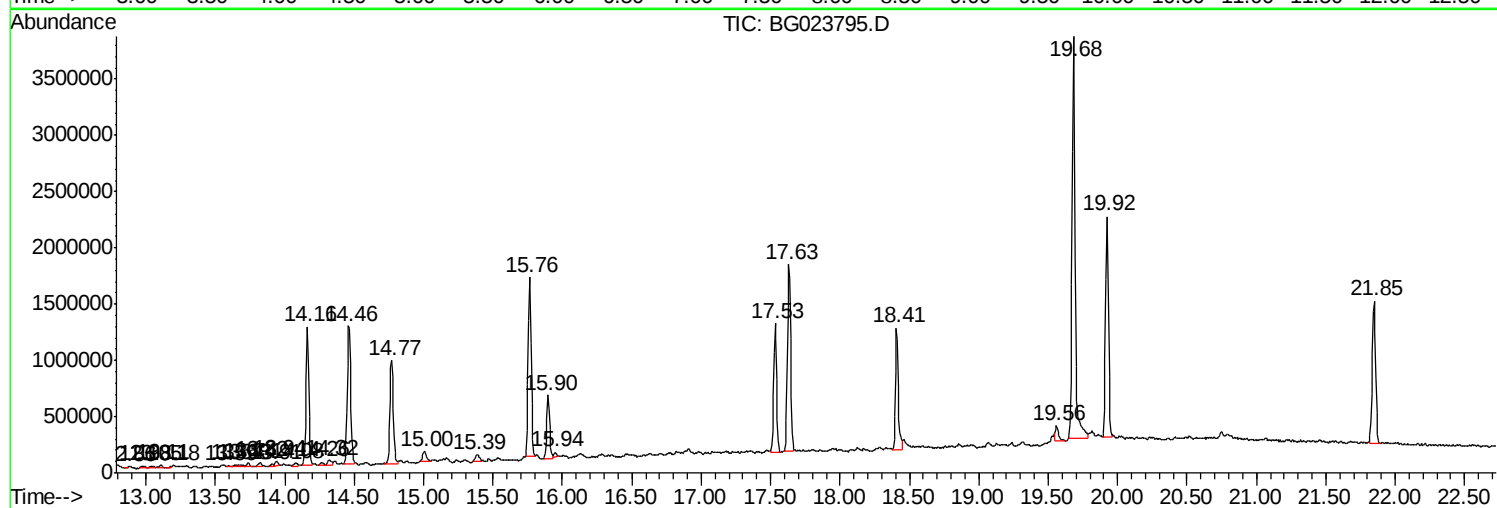
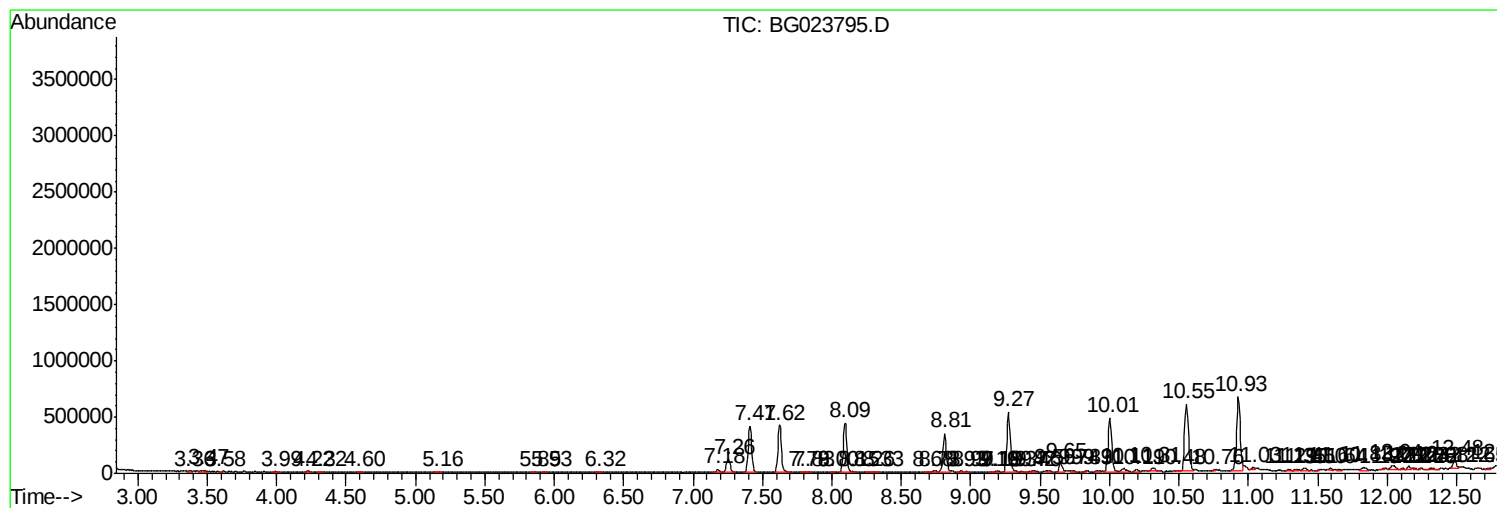
Sum of corrected areas: 39754205

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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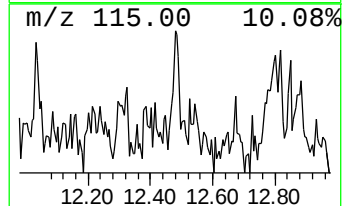
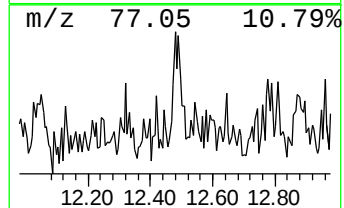
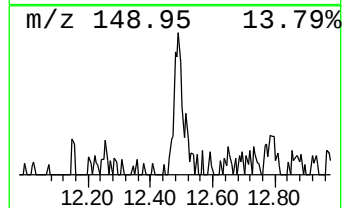
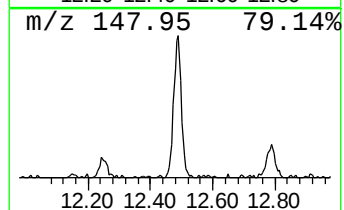
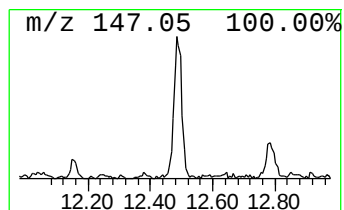
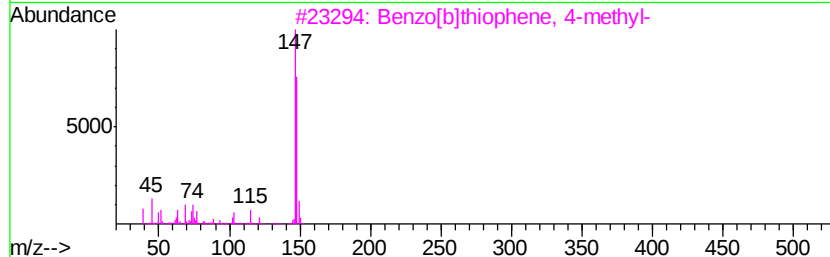
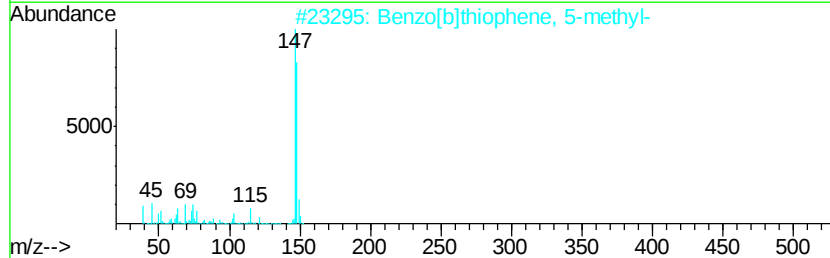
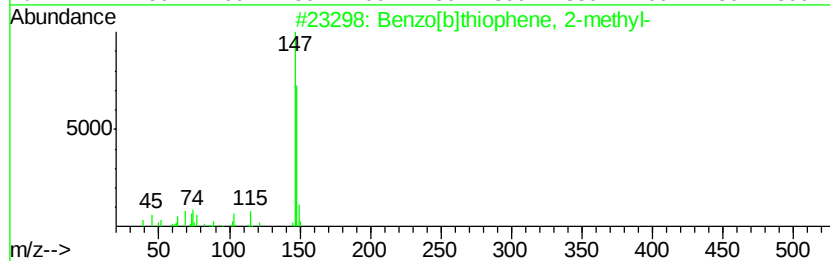
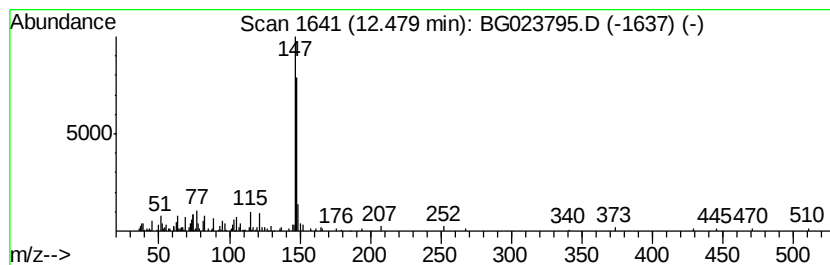
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzo[b]thiophene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.14 ng/ul	132163	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
2		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5		Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	83



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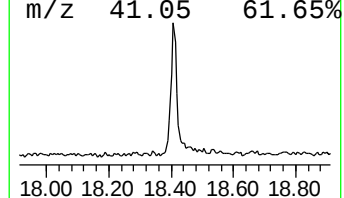
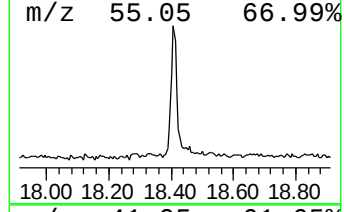
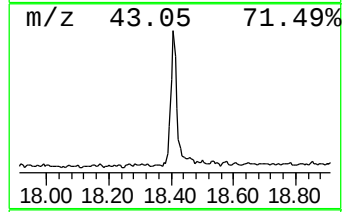
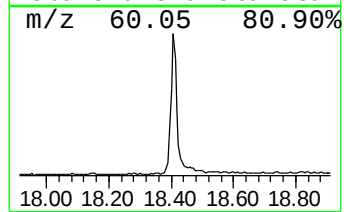
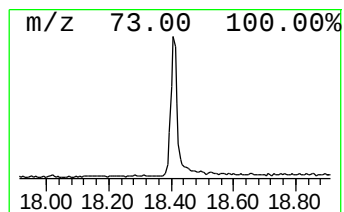
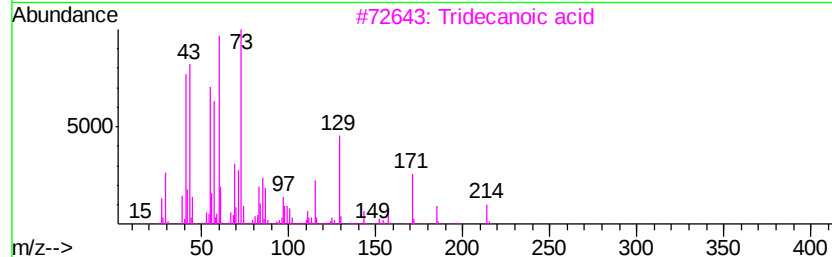
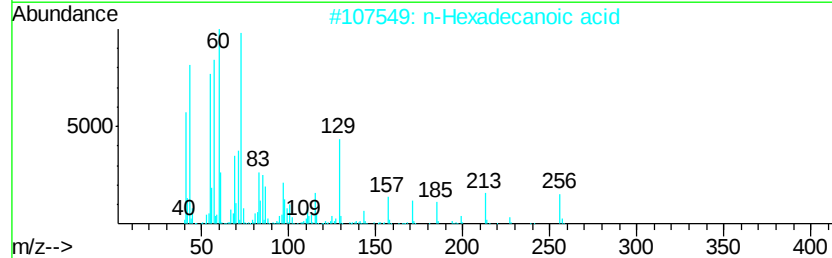
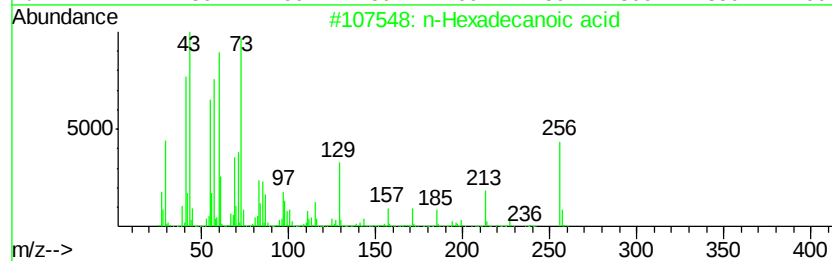
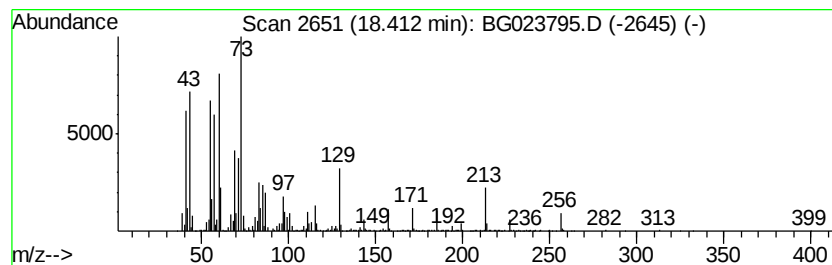
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	18.21 ng/ul	1547960	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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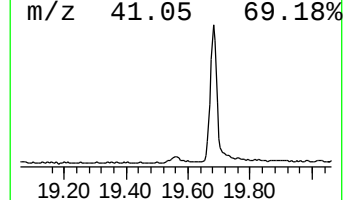
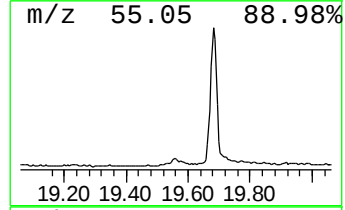
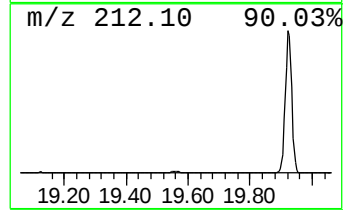
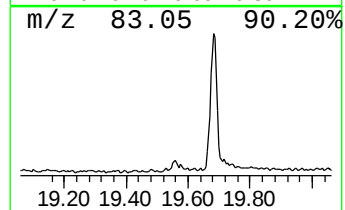
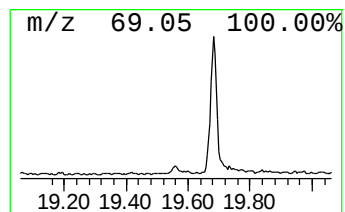
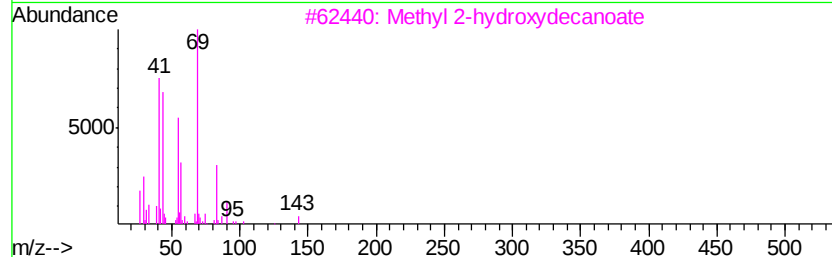
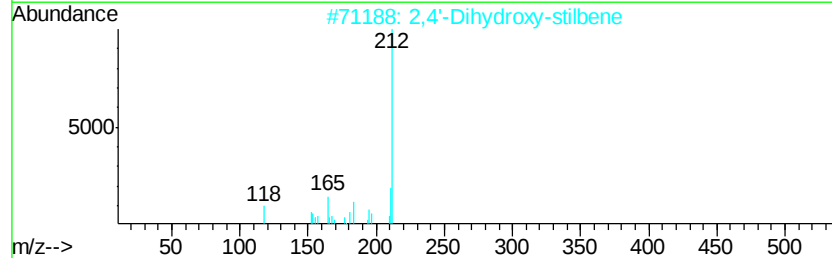
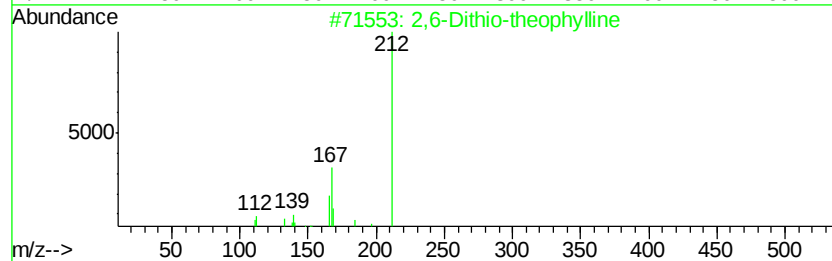
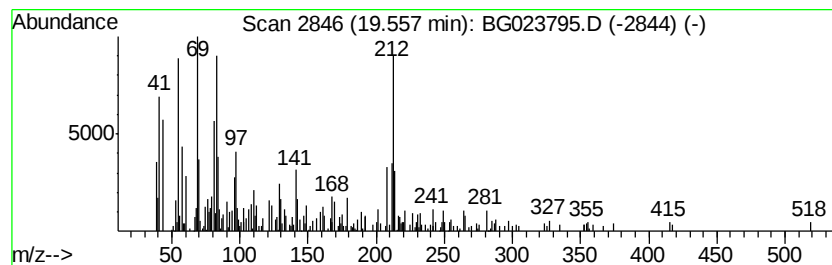
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.49 ng/ul	211456	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dithio-theophylline	212	C7H8N4S2	006501-94-6	47
2		2,4'-Dihydroxy-stilbene	212	C14H12O2	1000147-73-5	47
3		Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	14
4		Fluoranthene, 1,2,3,3a,4,5,6,6a,...	212	C16H20	040764-23-6	11
5		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023795.D
Acq On : 19 Aug 2016 14:44
Operator : UM/SJ
Sample : H4460-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD2S8

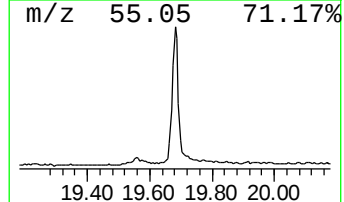
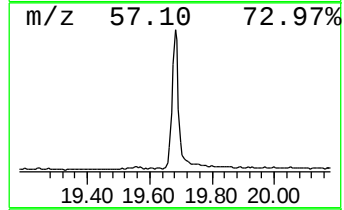
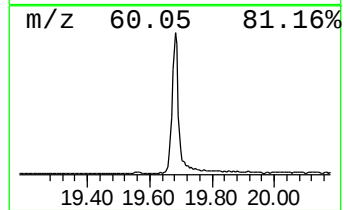
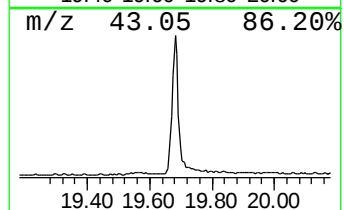
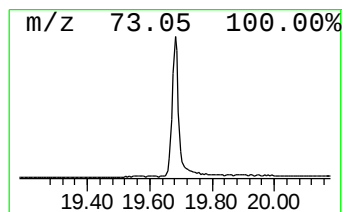
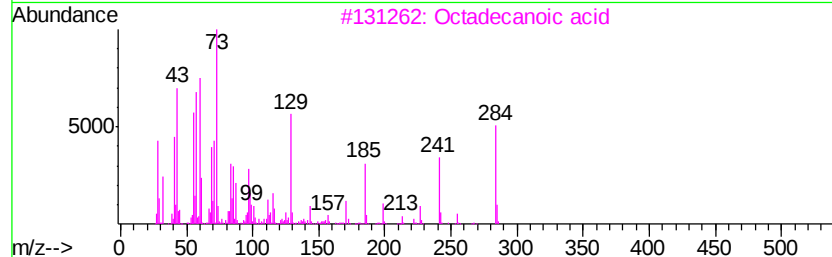
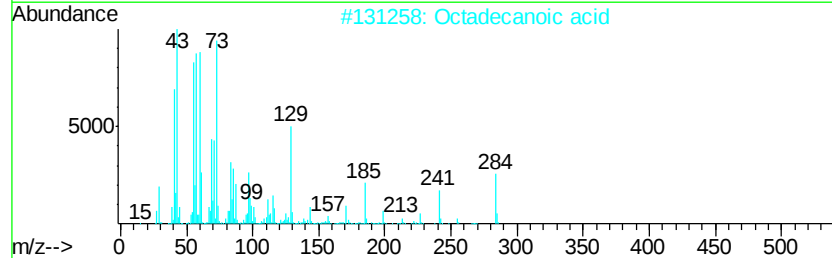
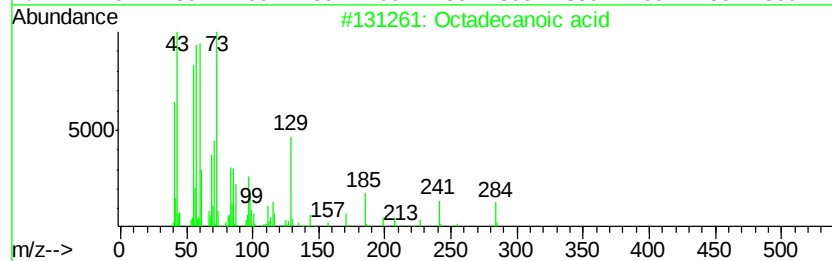
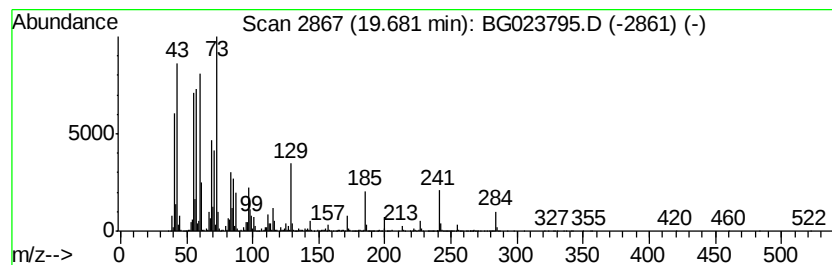
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	64.63 ng/ul	5493670	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
Data File : BG023795.D
Acq On : 19 Aug 2016 14:44
Operator : UM/SJ
Sample : H4460-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BD2S8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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
Benzo[b]thiophene...	12.48	2.1	ng/ul	132163	2	10.93	1234130	20.0
n-Hexadecanoic acid	18.41	18.2	ng/ul	1547960	4	17.53	1700050	20.0
unknown-01	19.56	2.5	ng/ul	211456	4	17.53	1700050	20.0
Octadecanoic acid	19.68	64.6	ng/ul	5493670	4	17.53	1700050	20.0