

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026809.D
 Acq On : 1 May 2017 16:37
 Operator : SJ/MA
 Sample : I2850-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT91

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\SOM-EPA-BG042717.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	3.428	53	58	64	rVB2	27892	42268	1.24%	0.102%
2	4.133	175	178	181	rBV2	5057	5236	0.15%	0.013%
3	4.186	181	187	196	rVV8	7647	19683	0.58%	0.047%
4	4.786	286	289	295	rVB5	4106	7685	0.23%	0.018%
5	4.827	295	296	301	rBV3	3871	5747	0.17%	0.014%
6	5.109	342	344	350	rVB5	3692	5239	0.15%	0.013%
7	5.432	398	399	404	rVB3	5985	5383	0.16%	0.013%
8	6.225	531	534	537	rVB3	4367	5230	0.15%	0.013%
9	7.189	690	698	715	rBV	492427	976591	28.60%	2.346%
10	7.330	716	722	735	rVV	460708	747335	21.89%	1.795%
11	7.418	735	737	742	rVB4	4649	6676	0.20%	0.016%
12	7.547	752	759	775	rBV	544731	951416	27.86%	2.286%
13	8.011	830	838	849	rBV	475568	823978	24.13%	1.980%
14	8.440	908	911	913	rVB	6320	6064	0.18%	0.015%
15	8.469	913	916	919	rBV4	4147	7101	0.21%	0.017%
16	8.728	952	960	977	rBV	659805	1309228	38.34%	3.145%
17	8.910	987	991	994	rBV5	4498	7326	0.21%	0.018%
18	9.169	1026	1035	1048	rBV	525666	959614	28.10%	2.305%
19	9.339	1059	1064	1068	rVB6	5196	10221	0.30%	0.025%
20	9.586	1098	1106	1112	rBV4	12612	24071	0.70%	0.058%
21	9.891	1149	1158	1169	rBV	450963	815937	23.90%	1.960%
22	10.197	1207	1210	1213	rBV2	5523	7590	0.22%	0.018%
23	10.244	1217	1218	1226	rBV5	4004	8613	0.25%	0.021%
24	10.332	1228	1233	1234	rVB4	5531	7015	0.21%	0.017%
25	10.438	1243	1251	1274	rBV	680964	1340125	39.25%	3.220%
26	10.808	1302	1314	1326	rVB	823528	1470140	43.05%	3.532%
27	10.943	1326	1337	1361	rBV	681821	1349806	39.53%	3.243%
28	11.160	1371	1374	1379	rVB5	3592	6285	0.18%	0.015%
29	11.536	1434	1438	1442	rBV6	5154	6004	0.18%	0.014%
30	11.818	1477	1486	1493	rBV7	4440	14773	0.43%	0.035%
31	12.212	1550	1553	1558	rBV5	8523	11690	0.34%	0.028%
32	12.283	1562	1565	1573	rVB8	6150	13427	0.39%	0.032%
33	12.394	1573	1584	1593	rBV4	14038	37480	1.10%	0.090%
34	13.029	1686	1692	1694	rVV7	4187	7406	0.22%	0.018%

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35	13.117	1694	1707	1710	rVV9	3697	13873	0.41%	0.033%
36	13.158	1710	1714	1721	rVB5	7356	14685	0.43%	0.035%
37	13.229	1721	1726	1734	rBV9	8723	18248	0.53%	0.044%
38	13.440	1756	1762	1769	rBV4	17436	31037	0.91%	0.075%
39	13.599	1781	1789	1792	rBV10	3960	7730	0.23%	0.019%
40	13.699	1798	1806	1811	rBV8	2648	6522	0.19%	0.016%
41	13.851	1825	1832	1835	rBV7	3150	5332	0.16%	0.013%
42	13.934	1838	1846	1847	rBV8	4424	6575	0.19%	0.016%
43	13.957	1847	1850	1854	rVV6	4575	7353	0.22%	0.018%
44	14.022	1854	1861	1866	rVV	1400502	2041657	59.79%	4.905%
45	14.069	1866	1869	1878	rVV	203827	299907	8.78%	0.721%
46	14.139	1878	1881	1887	rVB6	8490	12720	0.37%	0.031%
47	14.216	1887	1894	1898	rVB10	8217	11851	0.35%	0.028%
48	14.316	1898	1911	1922	rBV	1689136	2686324	78.67%	6.454%
49	14.398	1922	1925	1929	rVB6	5088	6904	0.20%	0.017%
50	14.451	1932	1934	1939	rVB4	5596	7415	0.22%	0.018%
51	14.509	1939	1944	1953	rBV2	46680	69099	2.02%	0.166%
52	14.621	1953	1963	1975	rBV2	1233785	1977769	57.92%	4.752%
53	14.844	1993	2001	2016	rBV	286423	756349	22.15%	1.817%
54	15.009	2026	2029	2032	rVB5	8138	9861	0.29%	0.024%
55	15.062	2034	2038	2044	rVB9	8526	16149	0.47%	0.039%
56	15.120	2044	2048	2054	rVB6	16014	30181	0.88%	0.073%
57	15.197	2055	2061	2065	rVB9	8105	13531	0.40%	0.033%
58	15.267	2066	2073	2075	rVV8	4853	8231	0.24%	0.020%
59	15.291	2075	2077	2080	rVB4	5680	5925	0.17%	0.014%
60	15.344	2081	2086	2091	rVV9	5330	6492	0.19%	0.016%
61	15.455	2092	2105	2110	rBV2	85981	129893	3.80%	0.312%
62	15.526	2111	2117	2120	rBV7	6089	11585	0.34%	0.028%
63	15.608	2124	2131	2144	rBV	2144206	3211238	94.04%	7.715%
64	15.732	2144	2152	2165	rBV	514208	828244	24.26%	1.990%
65	15.855	2165	2173	2178	rBV3	58275	112671	3.30%	0.271%
66	15.908	2179	2182	2185	rVB5	7183	9223	0.27%	0.022%
67	15.955	2187	2190	2195	rVB7	13069	18768	0.55%	0.045%
68	16.008	2195	2199	2207	rBV7	13130	30184	0.88%	0.073%
69	16.072	2207	2210	2215	rBV7	17069	25086	0.73%	0.060%
70	16.196	2227	2231	2237	rVB9	8148	17299	0.51%	0.042%
71	16.313	2242	2251	2254	rBV	102397	158730	4.65%	0.381%

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72	16.531	2284	2288	2289	rBV4	6408	6871	0.20%	0.017%
73	16.566	2290	2294	2300	rVV8	7567	15209	0.45%	0.037%
74	16.654	2306	2309	2314	rBV6	12931	19855	0.58%	0.048%
75	16.766	2325	2328	2333	rVB6	13055	19593	0.57%	0.047%
76	16.818	2333	2337	2341	rBV7	14894	20466	0.60%	0.049%
77	16.883	2344	2348	2356	rBV9	12377	30697	0.90%	0.074%
78	17.048	2373	2376	2380	rBV6	5925	8587	0.25%	0.021%
79	17.100	2380	2385	2389	rVV	70909	90530	2.65%	0.217%
80	17.153	2389	2394	2403	rVB4	39340	73296	2.15%	0.176%
81	17.253	2407	2411	2416	rVB8	7990	13545	0.40%	0.033%
82	17.353	2422	2428	2438	rBV2	1270918	1992305	58.35%	4.786%
83	17.453	2438	2445	2456	rVV2	2069292	3198853	93.68%	7.685%
84	17.764	2493	2498	2500	rBV6	13998	19615	0.57%	0.047%
85	17.841	2506	2511	2516	rVB2	35869	45253	1.33%	0.109%
86	18.234	2574	2578	2593	rBV3	152399	331467	9.71%	0.796%
87	18.528	2624	2628	2634	rVB5	21070	28644	0.84%	0.069%
88	18.581	2635	2637	2639	rBV3	7457	7788	0.23%	0.019%
89	19.157	2731	2735	2738	rBV4	23209	32524	0.95%	0.078%
90	19.380	2766	2773	2777	rBV2	39427	79165	2.32%	0.190%
91	19.504	2790	2794	2807	rBV4	89751	208771	6.11%	0.502%
92	19.733	2827	2833	2843	rBV2	2264502	3414591	100.00%	8.203%
93	21.202	3079	3083	3087	rVB4	40069	57129	1.67%	0.137%
94	21.601	3144	3151	3161	rVB	1217493	2003701	58.68%	4.814%
95	22.441	3290	3294	3302	rBV10	51988	96498	2.83%	0.232%
96	23.828	3527	3530	3539	rVB9	54820	100721	2.95%	0.242%
97	24.551	3642	3653	3665	rBV2	1228815	3328513	97.48%	7.997%
98	24.762	3680	3689	3703	rVB2	837778	2349504	68.81%	5.645%
99	25.855	3869	3875	3885	rVB3	72871	188774	5.53%	0.454%
100	27.171	4093	4099	4109	rVB5	65629	194202	5.69%	0.467%

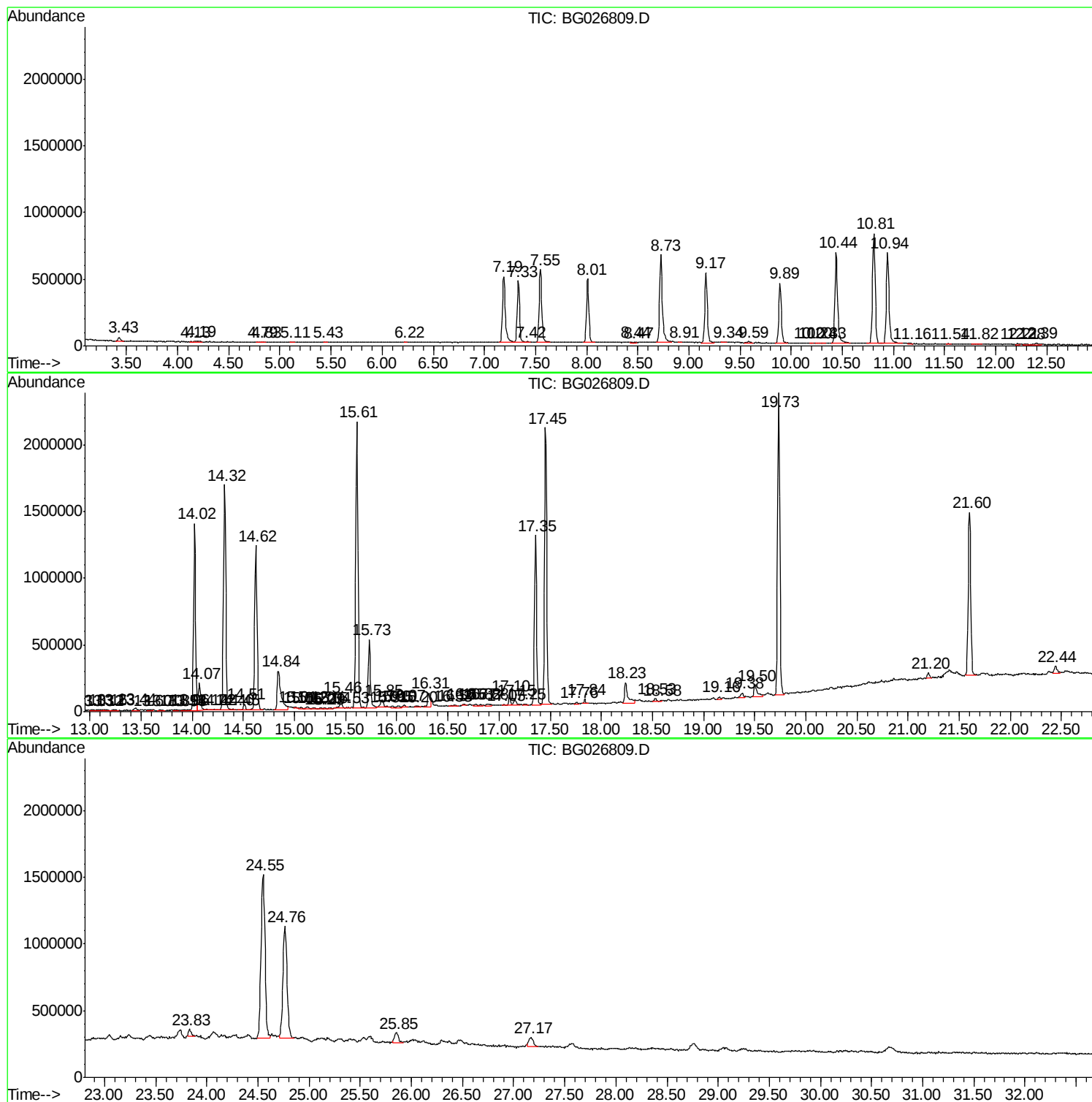
Sum of corrected areas: 41623691

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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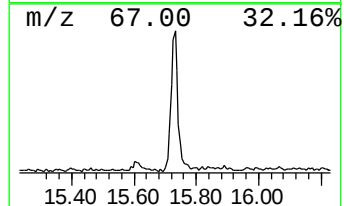
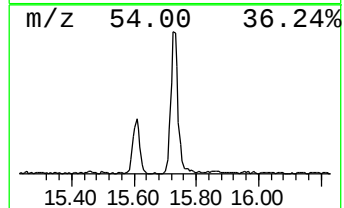
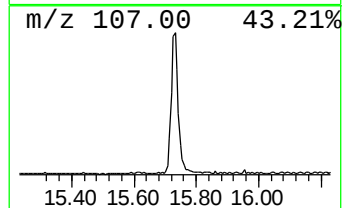
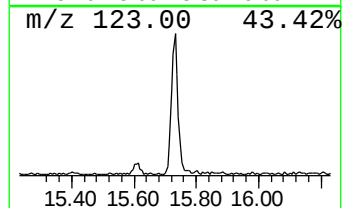
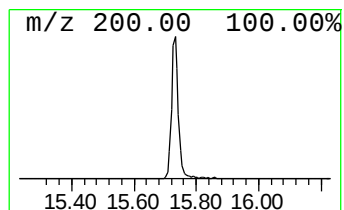
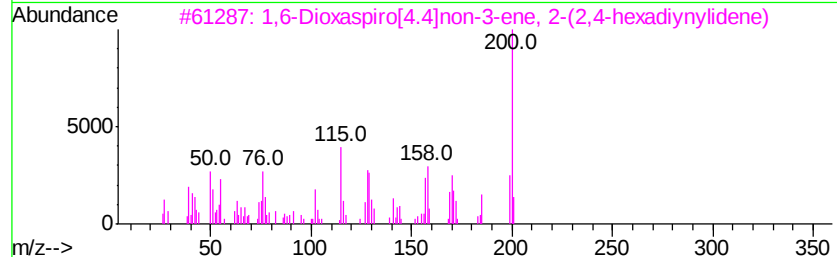
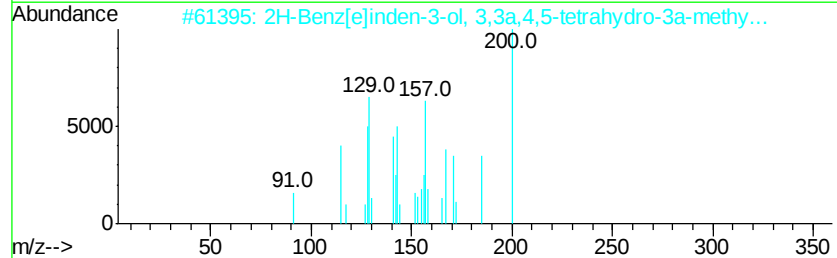
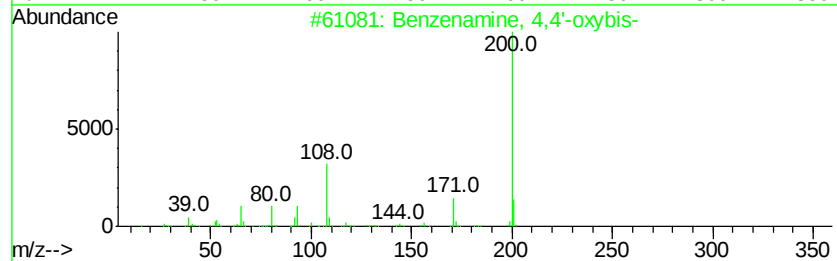
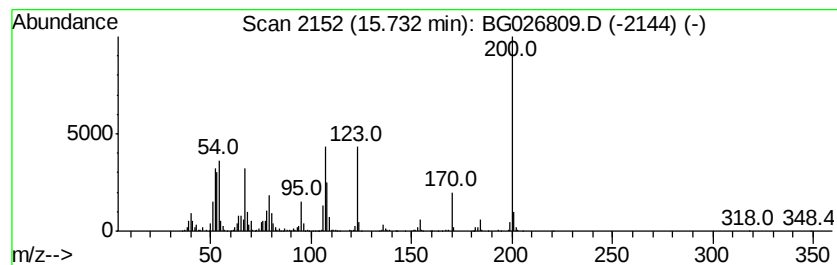
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.73	8.38 ng/ul	828244	Acenaphthene-d10	14.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	25
2	2H-Benz[elinden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	22
3	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	22
4	Benzenesulfonamide, N-[2-[(4-flu...	384	C21H21FN2O2S	1000319-67-4	14
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10



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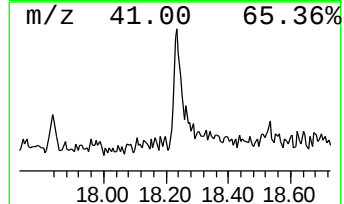
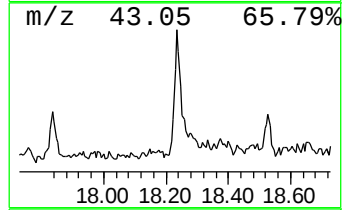
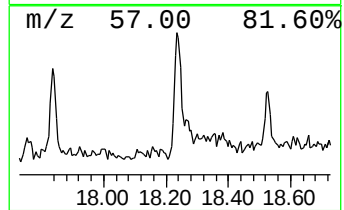
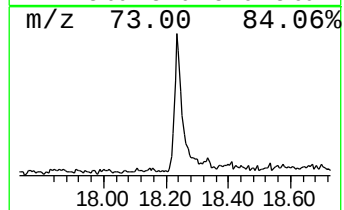
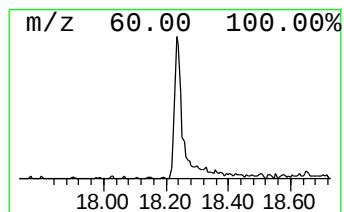
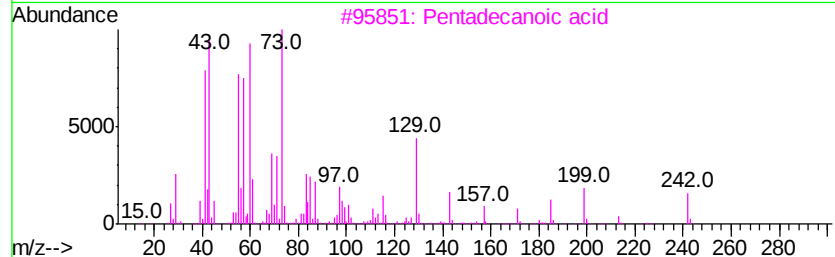
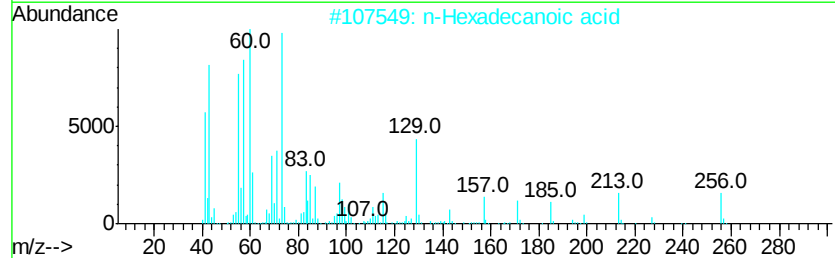
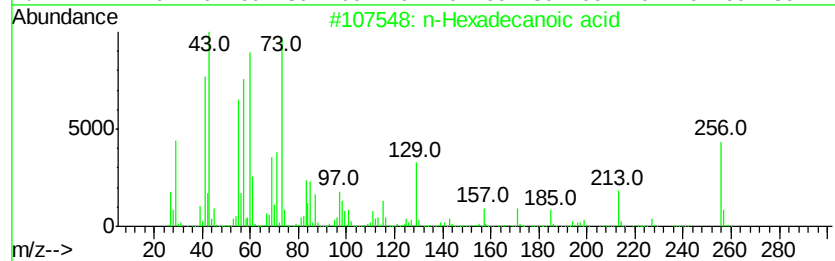
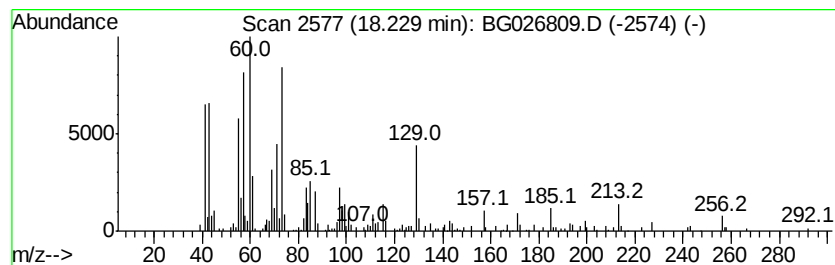
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.23	3.33 ng/ul	331467	Phenanthrene-d10		17.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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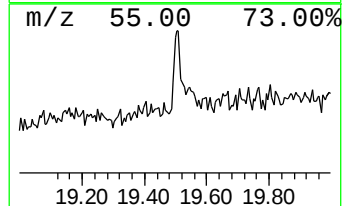
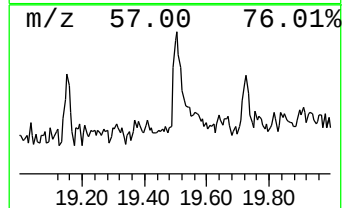
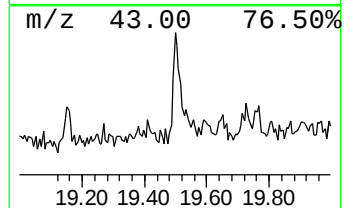
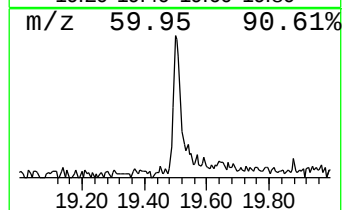
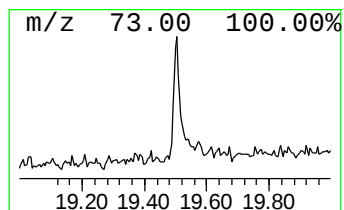
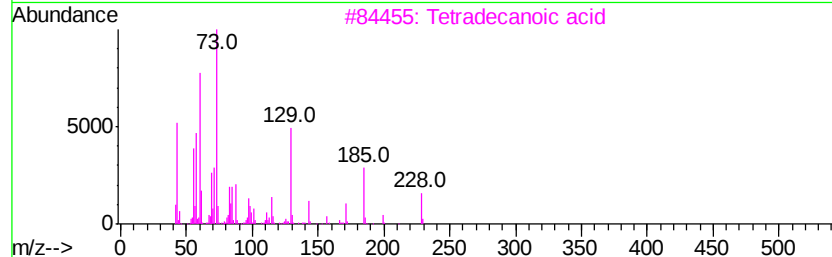
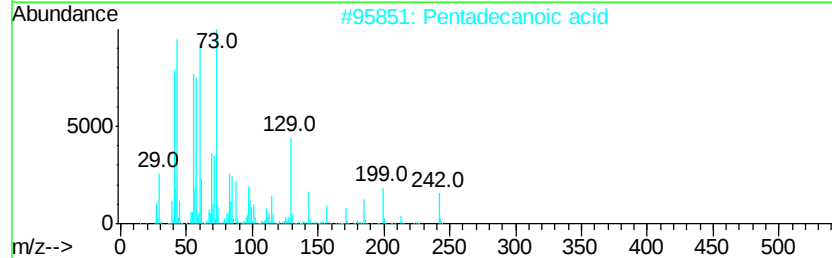
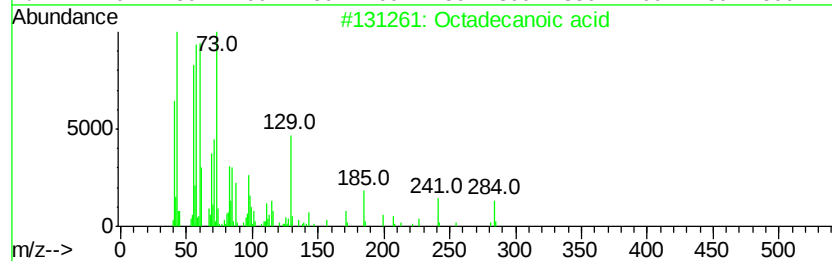
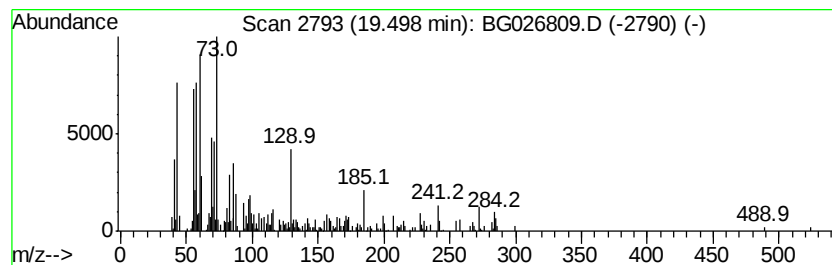
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.08 ng/ul	208771	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	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\BG050117\
Data File : BG026809.D
Acq On : 1 May 2017 16:37
Operator : SJ/MA
Sample : I2850-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT91

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	15.73	8.4	ng/ul	828244	3	14.62	1977770	20.0
n-Hexadecanoic acid	18.23	3.3	ng/ul	331467	4	17.35	1992310	20.0
Octadecanoic acid	19.50	2.1	ng/ul	208771	5	21.60	2003700	20.0