

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024312.D
 Acq On : 12 Oct 2016 22:02
 Operator : UM/SJ
 Sample : H5164-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNN2

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-BG0100716.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	4.413	264	268	275	rVB7	21882	38422	0.84%	0.078%
2	5.359	423	429	436	rBV2	52717	96574	2.11%	0.195%
3	5.665	478	481	489	rVB7	10791	19692	0.43%	0.040%
4	5.800	502	504	509	rVB5	10112	15612	0.34%	0.032%
5	5.858	509	514	517	rVB6	10098	17719	0.39%	0.036%
6	5.894	517	520	523	rBV5	17420	20794	0.45%	0.042%
7	6.246	579	580	585	rBV5	9934	16083	0.35%	0.032%
8	6.340	592	596	600	rBV7	9810	19856	0.43%	0.040%
9	6.487	616	621	624	rBV6	9800	15653	0.34%	0.032%
10	6.757	666	667	671	rBV3	10543	11802	0.26%	0.024%
11	6.934	695	697	701	rBV4	8191	11745	0.26%	0.024%
12	7.133	729	731	736	rVB2	9942	16273	0.36%	0.033%
13	7.192	736	741	742	rBV5	11154	15167	0.33%	0.031%
14	7.415	772	779	787	rVB2	179270	326434	7.14%	0.659%
15	7.603	803	811	822	rVB	453350	810630	17.73%	1.636%
16	7.697	822	827	830	rBV5	9790	21154	0.46%	0.043%
17	7.809	833	846	856	rVB	528716	957266	20.94%	1.931%
18	8.291	917	928	942	rVB	595714	1093836	23.93%	2.207%
19	8.397	942	946	952	rVB8	6917	14697	0.32%	0.030%
20	8.497	959	963	965	rBV5	13738	15408	0.34%	0.031%
21	8.972	1033	1044	1055	rBV	472872	829623	18.15%	1.674%
22	9.113	1063	1068	1070	rBV6	9707	14844	0.32%	0.030%
23	9.149	1070	1074	1078	rVB6	9236	16088	0.35%	0.032%
24	9.384	1109	1114	1119	rBV5	15115	31748	0.69%	0.064%
25	9.460	1119	1127	1141	rVB	669908	1265536	27.68%	2.553%
26	9.584	1144	1148	1154	rVB8	12547	18070	0.40%	0.036%
27	9.977	1212	1215	1221	rVB6	10431	17596	0.38%	0.036%
28	10.130	1237	1241	1242	rBV3	10302	11851	0.26%	0.024%
29	10.189	1242	1251	1262	rVB2	553172	1067944	23.36%	2.155%
30	10.524	1305	1308	1311	rVB5	12471	15127	0.33%	0.031%
31	10.723	1333	1342	1350	rBV	785982	1484105	32.46%	2.994%
32	11.011	1386	1391	1393	rBV5	13893	16614	0.36%	0.034%
33	11.117	1402	1409	1419	rBV	861002	1578159	34.52%	3.184%
34	11.246	1428	1431	1436	rVB6	17192	27961	0.61%	0.056%

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35	11.323	1443	1444	1453	rBV7	7518	18101	0.40%	0.037%
36	11.411	1457	1459	1466	rBV5	12109	20939	0.46%	0.042%
37	11.552	1479	1483	1488	rVV6	9705	12880	0.28%	0.026%
38	11.611	1488	1493	1497	rVB6	10777	19618	0.43%	0.040%
39	11.658	1497	1501	1504	rBV4	9083	11537	0.25%	0.023%
40	11.710	1509	1510	1516	rBV4	11720	20836	0.46%	0.042%
41	11.775	1516	1521	1524	rVB6	8269	18889	0.41%	0.038%
42	11.840	1528	1532	1536	rBV5	13663	23500	0.51%	0.047%
43	12.116	1573	1579	1585	rBV9	13495	29583	0.65%	0.060%
44	12.304	1603	1611	1614	rBV8	12483	22603	0.49%	0.046%
45	12.345	1614	1618	1623	rBV4	26501	41748	0.91%	0.084%
46	12.674	1667	1674	1682	rVB6	24869	59181	1.29%	0.119%
47	12.815	1695	1698	1702	rVB6	9428	13312	0.29%	0.027%
48	12.886	1706	1710	1714	rVB7	8247	11396	0.25%	0.023%
49	12.962	1719	1723	1728	rBV8	9732	19731	0.43%	0.040%
50	13.015	1728	1732	1733	rVB4	11306	13380	0.29%	0.027%
51	13.162	1750	1757	1763	rVB9	13966	34261	0.75%	0.069%
52	13.420	1795	1801	1804	rBV7	9914	22916	0.50%	0.046%
53	13.461	1804	1808	1811	rVB5	9766	13414	0.29%	0.027%
54	13.508	1811	1816	1820	rBV7	11645	25316	0.55%	0.051%
55	13.602	1831	1832	1842	rVB8	5833	15577	0.34%	0.031%
56	13.702	1845	1849	1853	rBV6	13305	21669	0.47%	0.044%
57	13.773	1855	1861	1864	rVB5	24377	35537	0.78%	0.072%
58	13.826	1864	1870	1874	rBV8	18950	36190	0.79%	0.073%
59	14.296	1940	1950	1957	rBV	1737141	2601545	56.91%	5.249%
60	14.525	1987	1989	1991	rBV3	13430	14378	0.31%	0.029%
61	14.601	1992	2002	2012	rVV	1822561	2909150	63.63%	5.870%
62	14.819	2035	2039	2043	rVB7	6791	12736	0.28%	0.026%
63	14.901	2043	2053	2062	rBV	1524157	2557659	55.95%	5.161%
64	15.059	2074	2080	2088	rVV2	220466	338739	7.41%	0.683%
65	15.265	2113	2115	2118	rVB4	13682	12847	0.28%	0.026%
66	15.547	2159	2163	2170	rBV5	21017	39577	0.87%	0.080%
67	15.671	2180	2184	2186	rBV5	8392	11492	0.25%	0.023%
68	15.706	2186	2190	2197	rVB9	21067	34565	0.76%	0.070%
69	15.888	2211	2221	2232	rBV	2426052	3895044	85.20%	7.859%
70	15.988	2232	2238	2251	rVV	860355	1340559	29.32%	2.705%
71	16.135	2256	2263	2268	rBV8	31609	74662	1.63%	0.151%

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72	16.246	2277	2282	2288	rBV9	14365	36799	0.80%	0.074%
73	16.364	2300	2302	2311	rVB9	9404	20285	0.44%	0.041%
74	16.493	2317	2324	2330	rVB9	11679	26725	0.58%	0.054%
75	16.740	2362	2366	2371	rVB7	7177	13821	0.30%	0.028%
76	16.828	2376	2381	2390	rVB10	21486	60339	1.32%	0.122%
77	16.916	2390	2396	2398	rBV7	9604	19288	0.42%	0.039%
78	17.210	2443	2446	2451	rBV6	27238	43523	0.95%	0.088%
79	17.345	2467	2469	2476	rBV7	11000	16844	0.37%	0.034%
80	17.427	2480	2483	2492	rVB8	13393	21965	0.48%	0.044%
81	17.539	2498	2502	2504	rBV4	7904	11793	0.26%	0.024%
82	17.568	2504	2507	2512	rBV6	16603	13736	0.30%	0.028%
83	17.645	2512	2520	2528	rBV2	1845505	3038002	66.45%	6.130%
84	17.745	2528	2537	2548	rVV	2592375	4141635	90.59%	8.357%
85	17.891	2558	2562	2568	rBV7	18177	39922	0.87%	0.081%
86	18.191	2607	2613	2617	rBV8	12603	20535	0.45%	0.041%
87	18.285	2622	2629	2637	rVB3	368063	514180	11.25%	1.037%
88	18.361	2637	2642	2645	rBV7	12149	19452	0.43%	0.039%
89	18.485	2658	2663	2673	rVV2	228237	345448	7.56%	0.697%
90	18.667	2691	2694	2697	rVB5	12631	13197	0.29%	0.027%
91	18.755	2705	2709	2712	rBV6	25167	29433	0.64%	0.059%
92	18.996	2745	2750	2753	rBV6	13694	29112	0.64%	0.059%
93	19.648	2855	2861	2867	rVB3	38561	63189	1.38%	0.127%
94	19.742	2873	2877	2888	rBV2	244400	396653	8.68%	0.800%
95	19.895	2900	2903	2909	rVB6	32661	41741	0.91%	0.084%
96	20.012	2915	2923	2933	rBV	2942726	4571674	100.00%	9.224%
97	21.940	3244	3251	3260	rBV	1953650	3467381	75.84%	6.996%
98	23.479	3507	3513	3523	rVB7	191616	401703	8.79%	0.811%
99	25.148	3786	3797	3812	rVB2	1444083	4343628	95.01%	8.764%
100	25.389	3827	3838	3853	rVB2	1122892	3444385	75.34%	6.950%

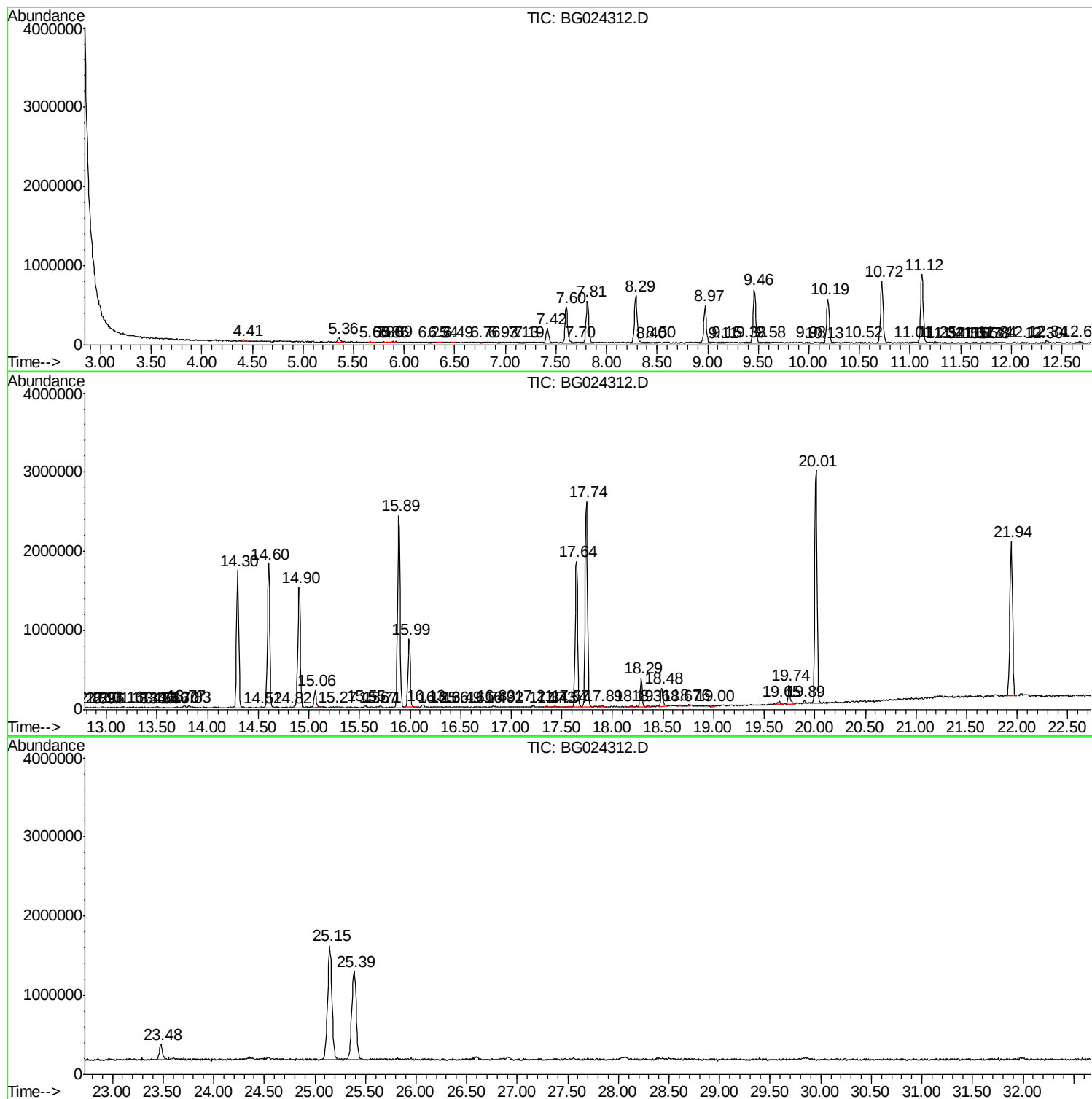
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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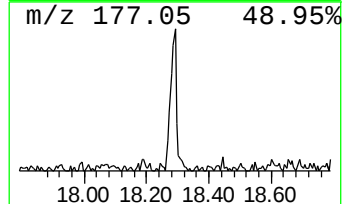
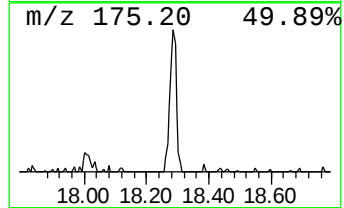
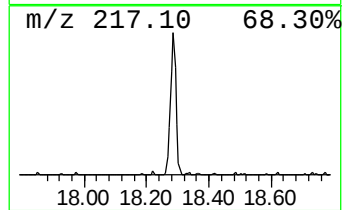
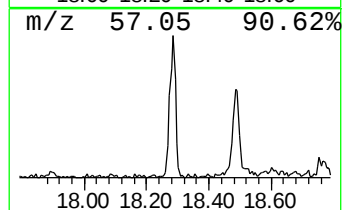
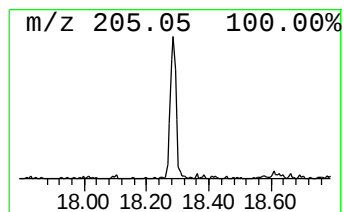
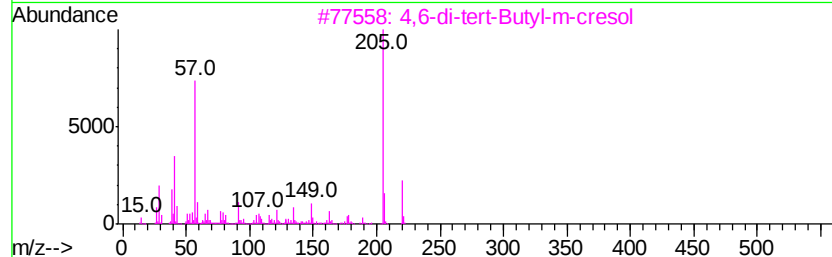
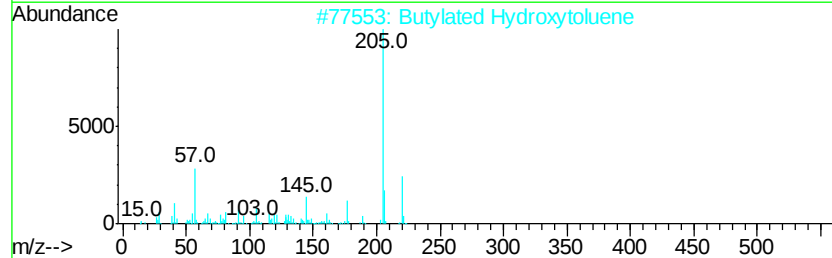
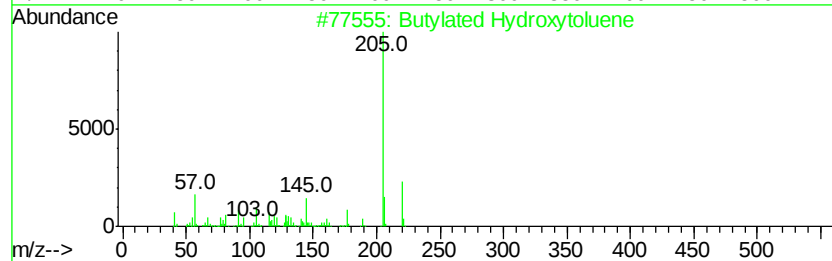
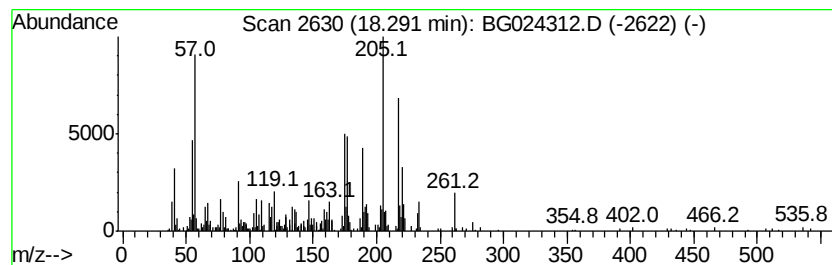
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.	
18.29	3.38 ng/ul	514180	Phenanthrene-d10		17.64	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	46
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	46
3		4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	46
4		9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	43
5		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	41



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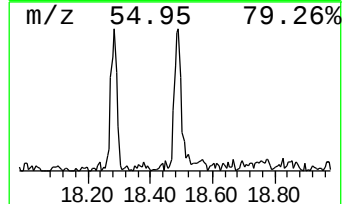
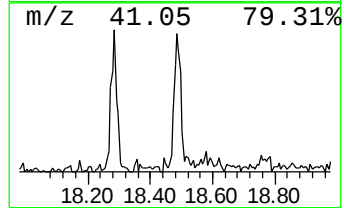
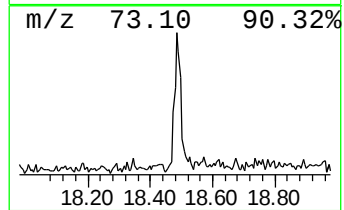
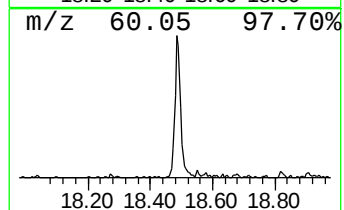
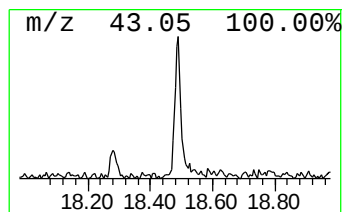
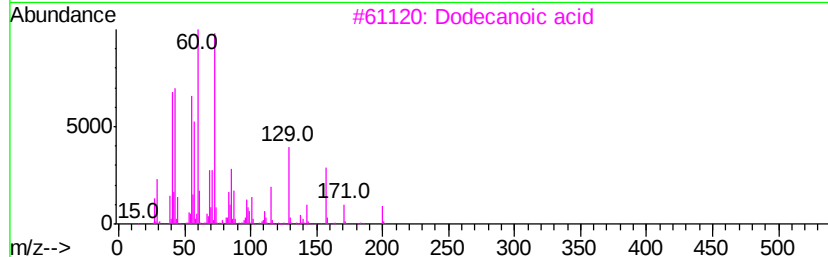
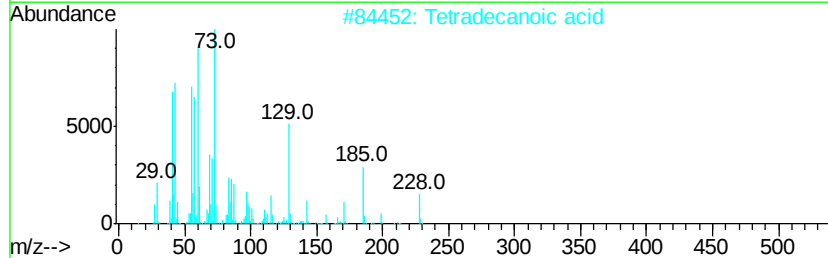
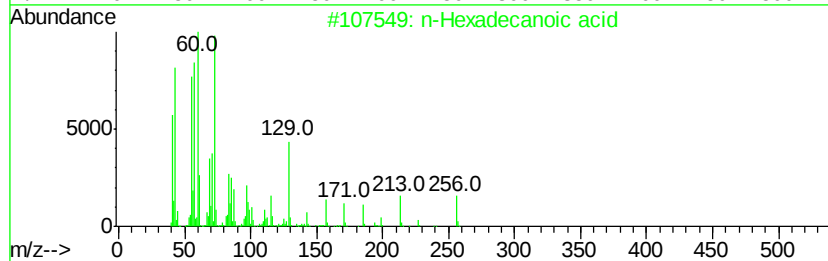
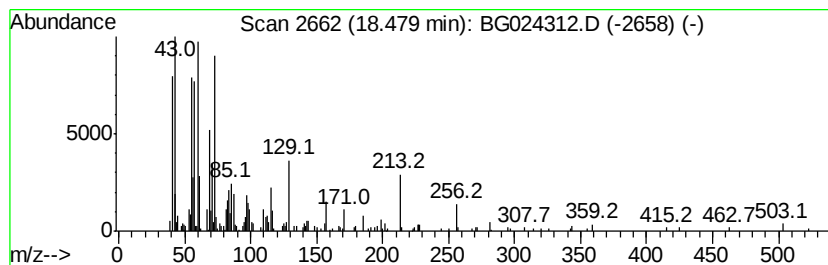
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.27 ng/ul	345448	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53	



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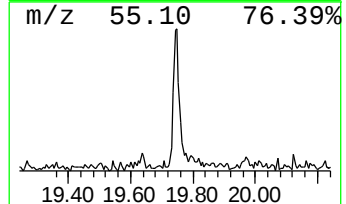
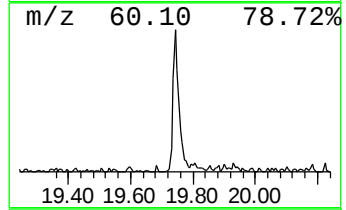
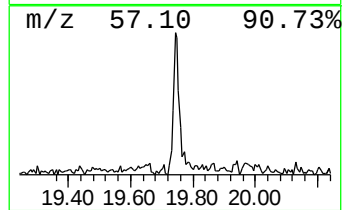
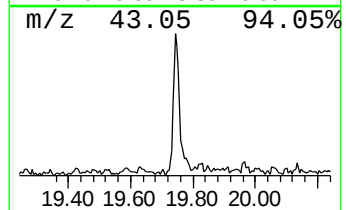
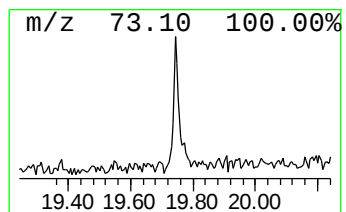
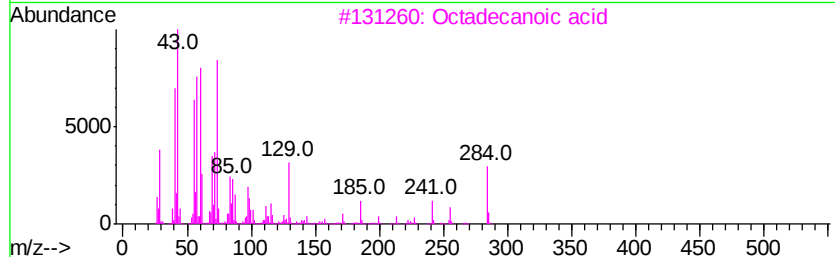
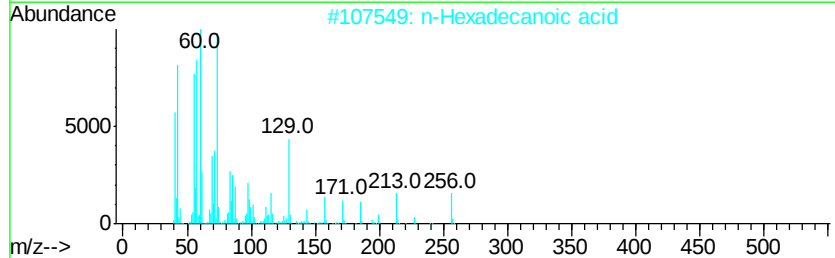
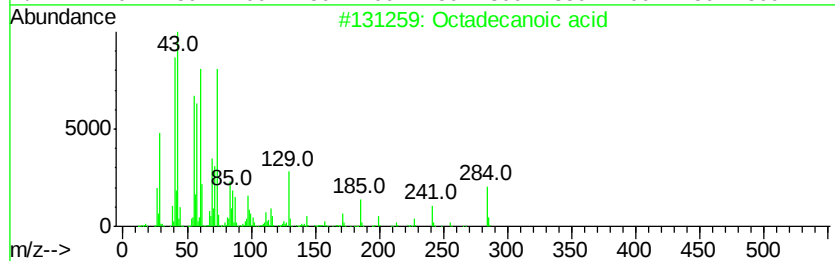
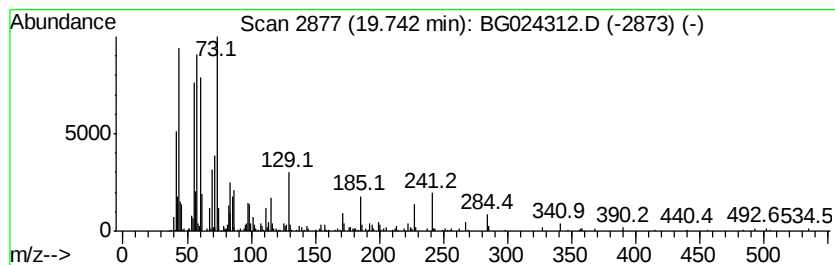
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.61 ng/ul	396653	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
Data File : BG024312.D
Acq On : 12 Oct 2016 22:02
Operator : UM/SJ
Sample : H5164-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNN2

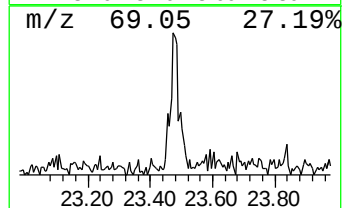
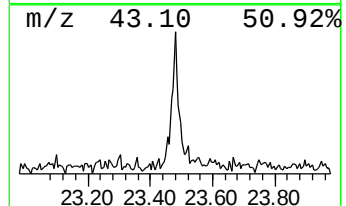
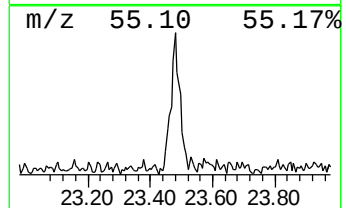
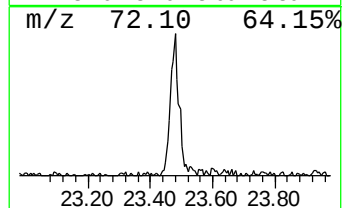
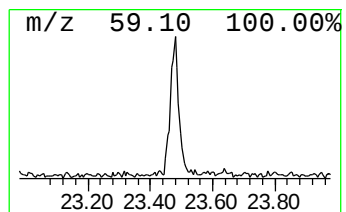
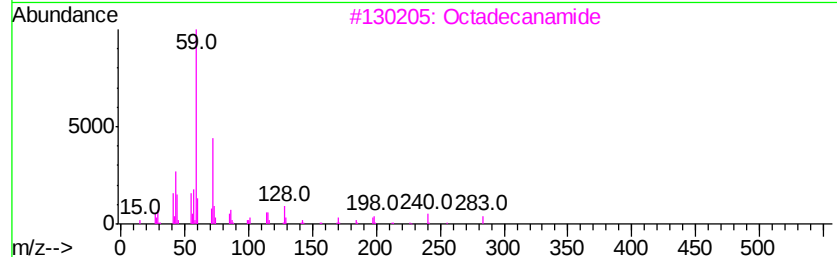
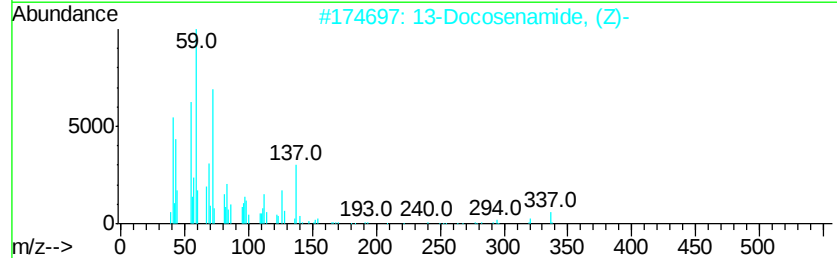
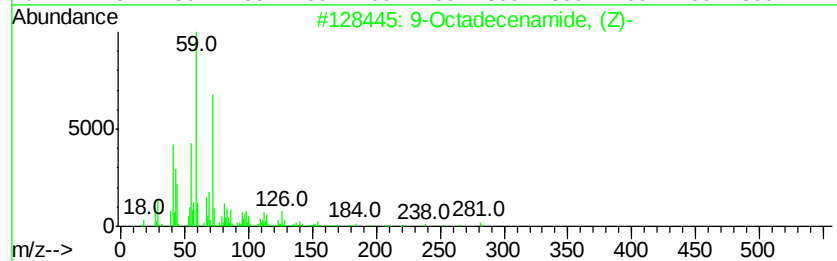
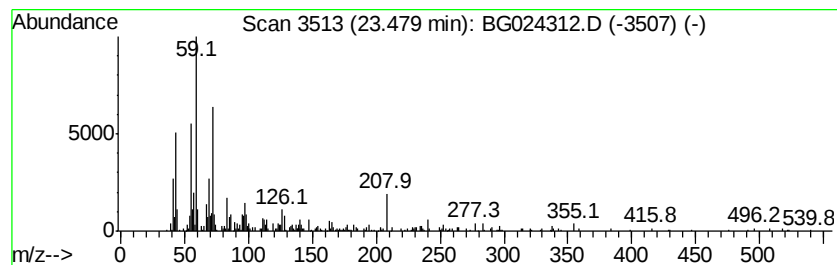
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	2.32 ng/ul	401703	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3		Octadecanamide	283	C18H37NO	000124-26-5	60
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101216\
Data File : BG024312.D
Acq On : 12 Oct 2016 22:02
Operator : UM/SJ
Sample : H5164-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNN2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	18.29	3.4	ng/ul	514180	4	17.64	3038000	20.0
n-Hexadecanoic acid	18.48	2.3	ng/ul	345448	4	17.64	3038000	20.0
Octadecanoic acid	19.74	2.6	ng/ul	396653	4	17.64	3038000	20.0
9-Octadecenamide,...	23.48	2.3	ng/ul	401703	5	21.94	3467380	20.0