

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022731.D
 Acq On : 30 Jun 2016 17:41
 Operator : UM/SJ
 Sample : H3759-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHM4

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-BG063016.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	3.966	190	192	195	rVB4	7977	7515	0.13%	0.014%
2	4.300	248	249	254	rVB3	11677	13714	0.24%	0.026%
3	4.647	305	308	309	rBV2	7055	8213	0.14%	0.016%
4	4.665	309	311	315	rVB5	11753	13859	0.24%	0.026%
5	4.765	325	328	329	rBV3	8290	7541	0.13%	0.014%
6	5.622	473	474	477	rBV2	9650	9208	0.16%	0.017%
7	6.175	564	568	574	rBV7	8752	19047	0.33%	0.036%
8	6.521	624	627	632	rVB4	5750	9305	0.16%	0.018%
9	6.604	638	641	644	rVB5	7544	8107	0.14%	0.015%
10	7.115	721	728	729	rBV4	15522	23741	0.41%	0.045%
11	7.309	754	761	768	rBV	186588	322677	5.58%	0.609%
12	7.473	783	789	798	rBV	464885	809681	14.01%	1.529%
13	7.691	817	826	834	rBV	531061	978580	16.93%	1.848%
14	8.161	898	906	911	rBV	409590	723612	12.52%	1.367%
15	8.208	911	914	920	rVB2	72488	116935	2.02%	0.221%
16	8.378	939	943	948	rBV7	8741	15645	0.27%	0.030%
17	8.584	976	978	981	rBV3	6500	8300	0.14%	0.016%
18	8.701	991	998	1001	rBV7	9727	15488	0.27%	0.029%
19	8.866	1019	1026	1036	rBV	495097	917382	15.87%	1.733%
20	9.265	1088	1094	1098	rBV3	26775	48227	0.83%	0.091%
21	9.330	1098	1105	1113	rVV	721523	1299593	22.48%	2.454%
22	9.418	1117	1120	1125	rVV5	13852	23303	0.40%	0.044%
23	9.471	1127	1129	1133	rVB4	10540	12781	0.22%	0.024%
24	9.882	1196	1199	1203	rBV3	5184	8663	0.15%	0.016%
25	10.058	1220	1229	1238	rBV	650882	1231230	21.30%	2.325%
26	10.194	1250	1252	1256	rBV4	8194	8835	0.15%	0.017%
27	10.264	1259	1264	1271	rVV6	21598	45501	0.79%	0.086%
28	10.323	1271	1274	1277	rVB4	5985	7804	0.14%	0.015%
29	10.446	1290	1295	1298	rBV6	5497	10574	0.18%	0.020%
30	10.599	1312	1321	1330	rBV	980397	1777539	30.75%	3.357%
31	10.816	1354	1358	1359	rBV3	12065	10750	0.19%	0.020%
32	10.887	1367	1370	1373	rVB5	6889	9474	0.16%	0.018%
33	10.987	1379	1387	1396	rBV	606992	1142616	19.77%	2.158%
34	11.122	1404	1410	1417	rVB4	50164	99891	1.73%	0.189%

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35	11.521	1475	1478	1482	rVB4	8316	13604	0.24%	0.026%
36	11.639	1494	1498	1499	rBV4	8007	8164	0.14%	0.015%
37	11.651	1499	1500	1504	rVB4	9060	7510	0.13%	0.014%
38	11.745	1512	1516	1522	rBV4	40178	69554	1.20%	0.131%
39	12.209	1593	1595	1598	rVB3	8979	8950	0.15%	0.017%
40	12.444	1631	1635	1638	rBV3	5543	7511	0.13%	0.014%
41	12.567	1649	1656	1660	rVB4	19694	35142	0.61%	0.066%
42	12.755	1682	1688	1690	rBV5	13294	21429	0.37%	0.040%
43	12.796	1692	1695	1696	rVV2	8642	8864	0.15%	0.017%
44	12.849	1700	1704	1708	rVB4	9323	16185	0.28%	0.031%
45	13.049	1736	1738	1744	rBV6	13867	21053	0.36%	0.040%
46	13.666	1842	1843	1847	rVB3	11840	13519	0.23%	0.026%
47	13.713	1847	1851	1857	rBV5	28177	45013	0.78%	0.085%
48	13.971	1891	1895	1897	rBV3	6123	8434	0.15%	0.016%
49	14.195	1924	1933	1940	rBV	2012432	2964574	51.29%	5.599%
50	14.318	1949	1954	1959	rBV7	11370	20405	0.35%	0.039%
51	14.430	1969	1973	1978	rBV6	21000	39605	0.69%	0.075%
52	14.494	1978	1984	1994	rVB	1939861	3120023	53.98%	5.893%
53	14.800	2027	2036	2043	rBV2	1138001	1934985	33.48%	3.655%
54	14.865	2045	2047	2054	rVB7	18734	29906	0.52%	0.056%
55	15.000	2063	2070	2076	rBV2	209406	363780	6.29%	0.687%
56	15.188	2099	2102	2106	rBV5	12808	23018	0.40%	0.043%
57	15.464	2148	2149	2155	rVB5	13956	17885	0.31%	0.034%
58	15.581	2165	2169	2170	rBV3	6943	9742	0.17%	0.018%
59	15.793	2197	2205	2214	rBV	2786617	4422045	76.51%	8.352%
60	15.905	2217	2224	2234	rBV	1031056	1583765	27.40%	2.991%
61	16.034	2242	2246	2250	rVB4	30467	50005	0.87%	0.094%
62	16.145	2261	2265	2269	rBV6	11948	18417	0.32%	0.035%
63	16.486	2318	2323	2333	rBV	135983	223353	3.86%	0.422%
64	16.680	2352	2356	2360	rVB6	14056	24948	0.43%	0.047%
65	16.715	2360	2362	2363	rBV2	10399	7934	0.14%	0.015%
66	16.892	2391	2392	2395	rBV3	6773	7536	0.13%	0.014%
67	16.921	2395	2397	2405	rVB8	16136	31293	0.54%	0.059%
68	17.132	2432	2433	2437	rVB3	12782	15542	0.27%	0.029%
69	17.344	2467	2469	2472	rVB3	14772	9781	0.17%	0.018%
70	17.462	2481	2489	2493	rBV	203148	288058	4.98%	0.544%
71	17.556	2498	2505	2513	rBV2	1584622	2469993	42.73%	4.665%

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72	17.655	2515	2522	2529	rVV	3087497	4929891	85.29%	9.311%
73	17.714	2530	2532	2537	rVB4	44322	61206	1.06%	0.116%
74	17.826	2547	2551	2553	rBV2	31293	35476	0.61%	0.067%
75	17.914	2565	2566	2568	rBV2	8194	8518	0.15%	0.016%
76	18.214	2612	2617	2622	rBV2	578509	774403	13.40%	1.463%
77	18.313	2632	2634	2637	rBV4	10816	8693	0.15%	0.016%
78	18.425	2647	2653	2659	rBV2	122050	179227	3.10%	0.338%
79	18.507	2662	2667	2671	rVB	135560	184330	3.19%	0.348%
80	18.930	2737	2739	2742	rVB4	19037	16659	0.29%	0.031%
81	19.195	2778	2784	2790	rBV2	957608	1505560	26.05%	2.843%
82	19.571	2845	2848	2854	rVB3	54003	78894	1.36%	0.149%
83	19.688	2865	2868	2872	rBV5	68372	97461	1.69%	0.184%
84	19.941	2904	2911	2919	rBV	3821293	5779994	100.00%	10.916%
85	21.850	3230	3236	3249	rVB2	1693405	2955343	51.13%	5.582%
86	22.556	3350	3356	3363	rBV2	621184	1078789	18.66%	2.037%
87	24.988	3761	3770	3785	rVB2	1679515	5039257	87.18%	9.517%
88	25.217	3802	3809	3820	rVB2	838761	2486922	43.03%	4.697%

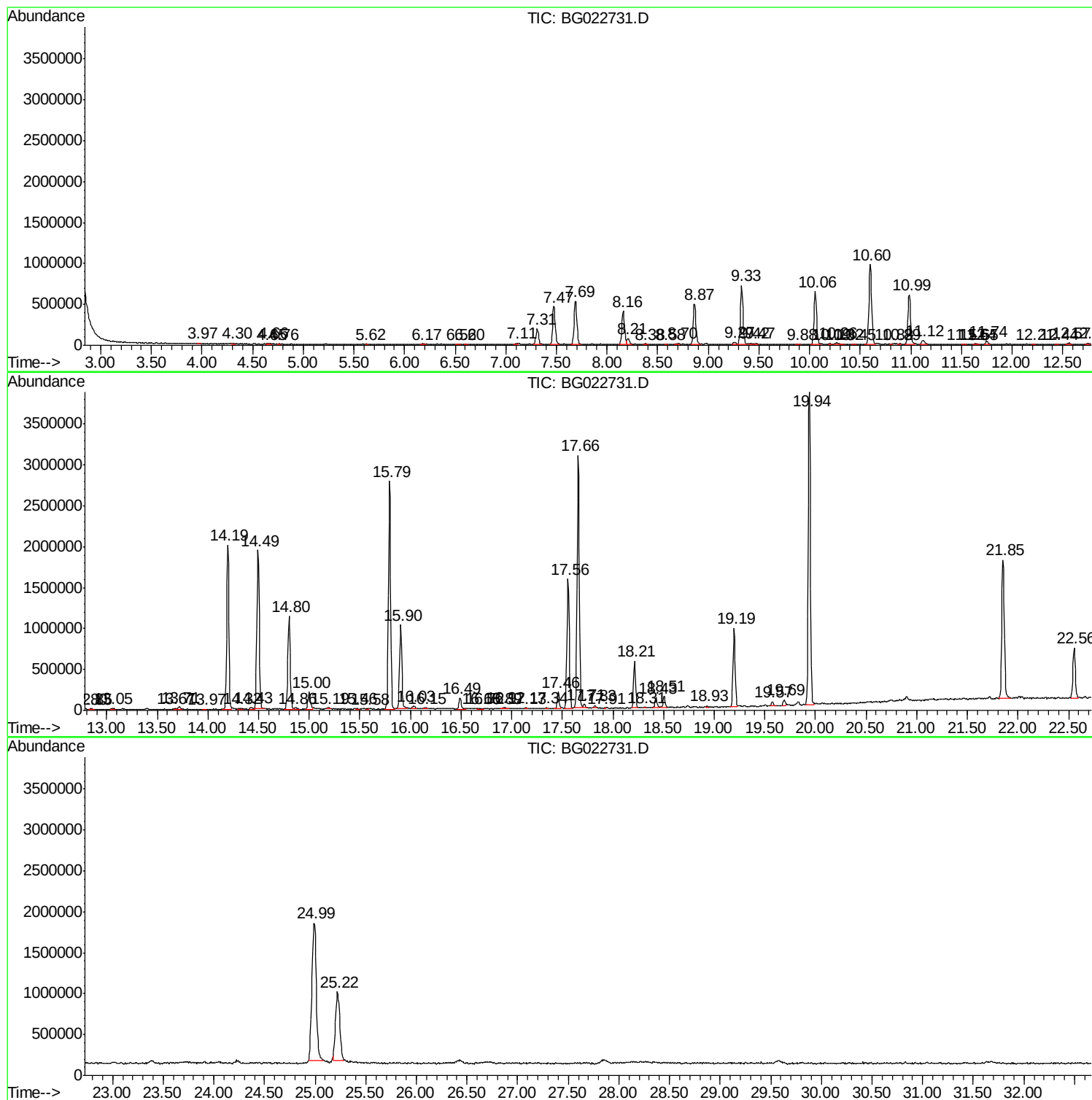
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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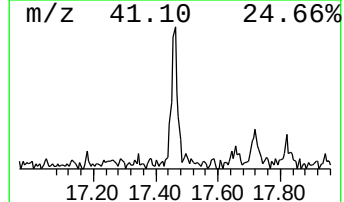
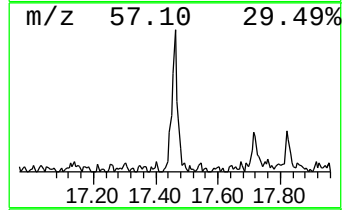
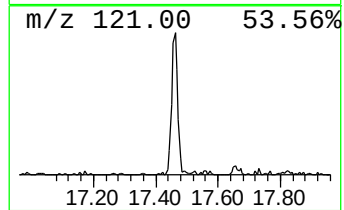
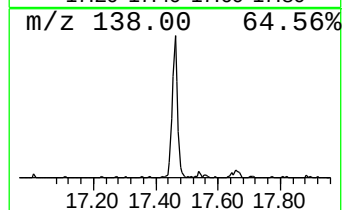
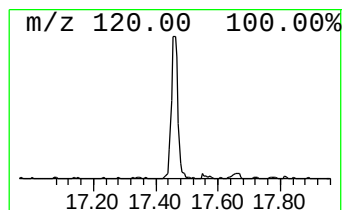
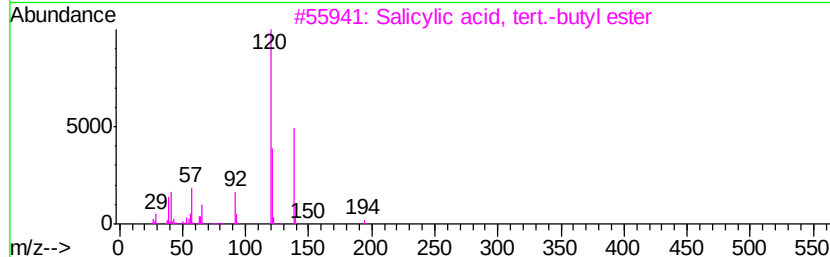
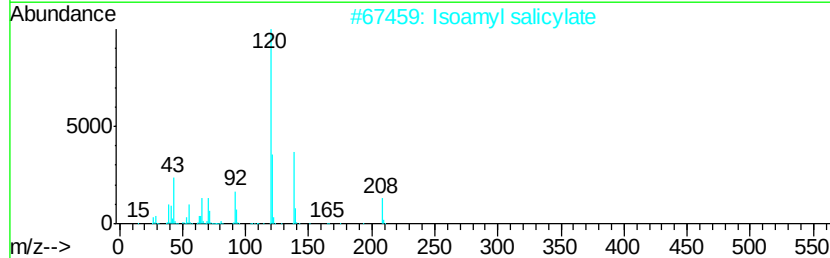
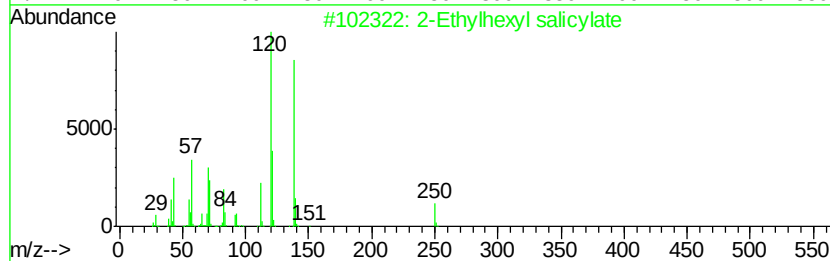
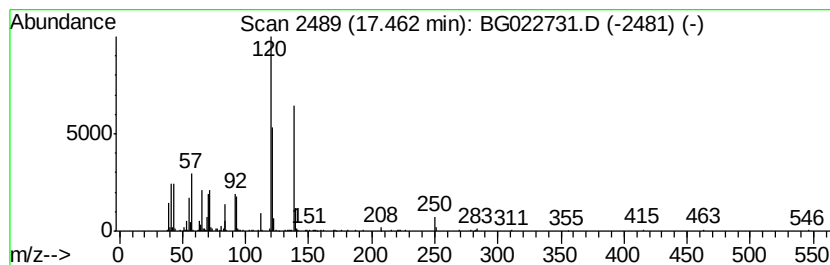
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Ethylhexyl salicylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.33 ng/ul	288058	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethylhexyl salicylate	250	C15H22O3	000118-60-5	64
2		Isoamyl salicylate	208	C12H16O3	000087-20-7	59
3		Salicylic acid, tert.-butyl ester	194	C11H14O3	1000375-42-6	50
4		Benzoic acid, 2-(1-methylpropyl)...	208	C12H16O3	1000375-33-4	38
5		2-Aminophenyl 2-aminobenzoate	228	C13H12N2O2	031317-57-4	35



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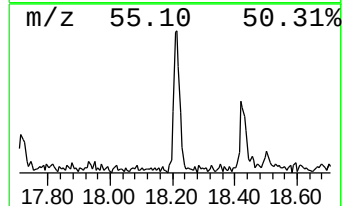
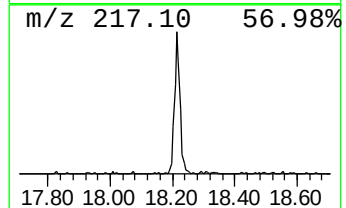
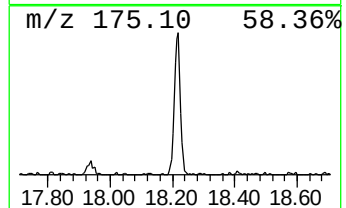
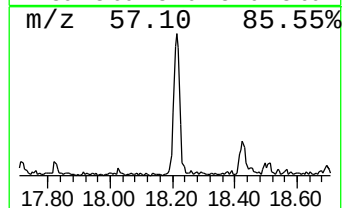
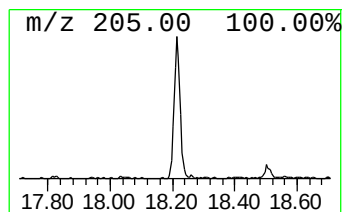
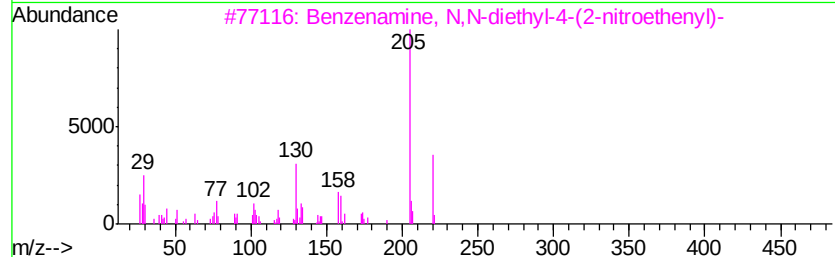
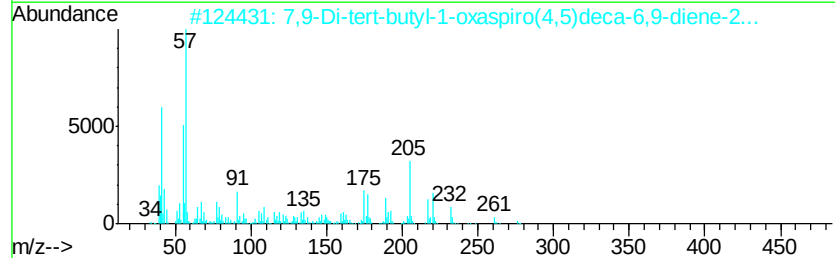
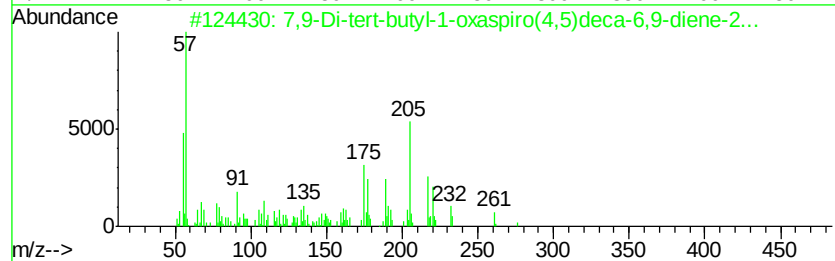
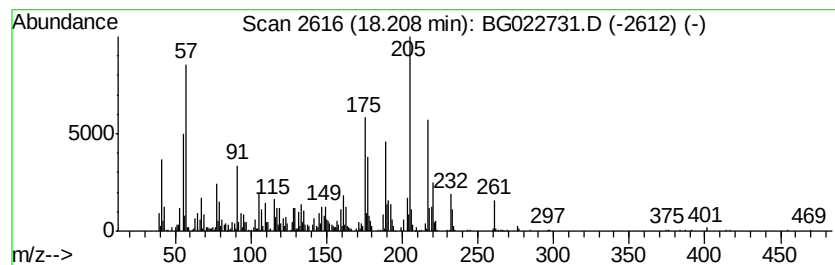
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	6.27 ng/ul	774403	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	55
3		Benzenamine, N,N-diethyl-4-(2-nitroethenyl)-	220	C12H16N2O2	064462-51-7	52
4		Ethanone, 1-(5,6,7,8-tetrahydro-2H-benzo[5,6-b]pyridine-2-yl)-	220	C14H20O2	071596-88-8	38
5		2-Acetylphenanthrene	220	C16H12O	005960-69-0	30



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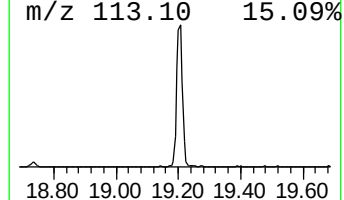
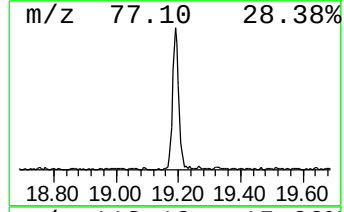
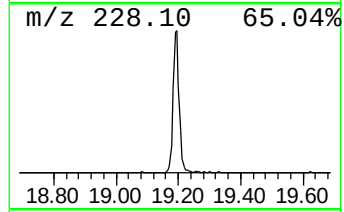
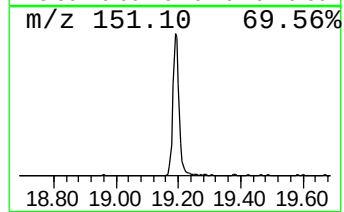
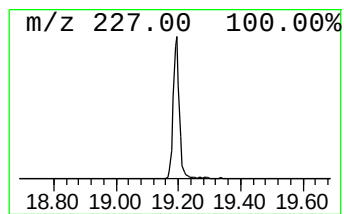
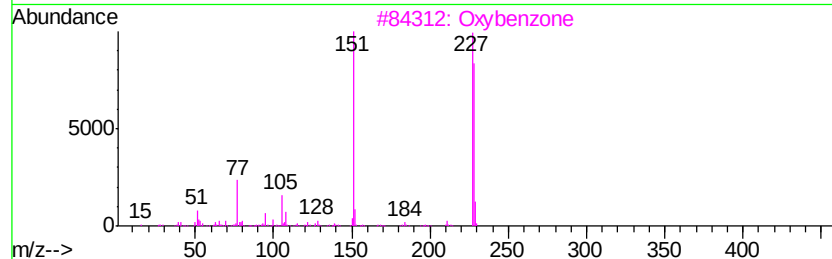
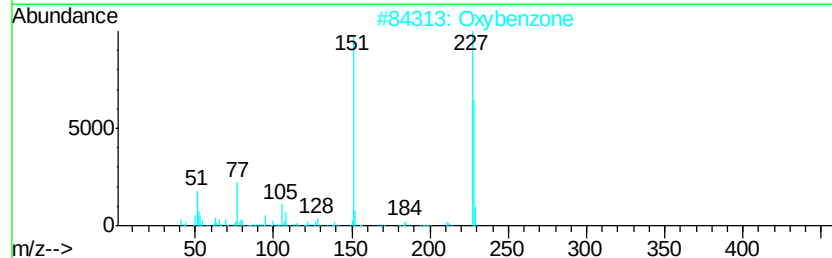
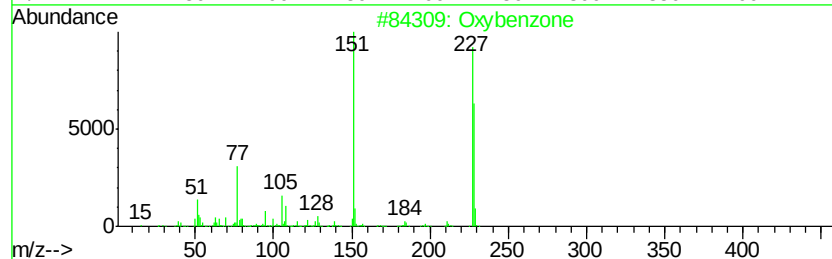
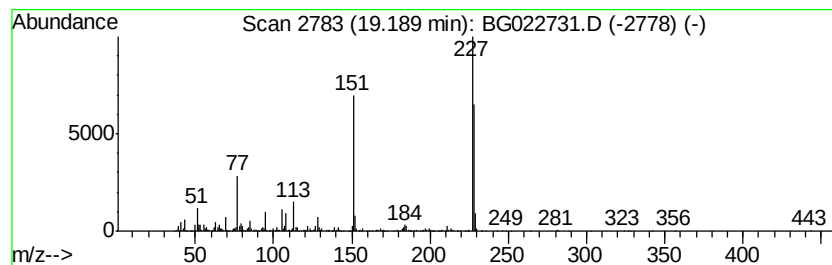
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Oxybenzone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	12.19 ng/ul	1505560	Phenanthrene-d10	17.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxybenzone	228 C14H12O3	000131-57-7	95
2	Oxybenzone	228 C14H12O3	000131-57-7	87
3	Oxybenzone	228 C14H12O3	000131-57-7	55
4	Oxybenzone	228 C14H12O3	000131-57-7	43
5	2-Amino-3-cyano-4-ethyl-5-phenyl...	228 C13H12N2S	1000251-78-4	30



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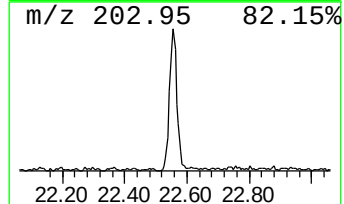
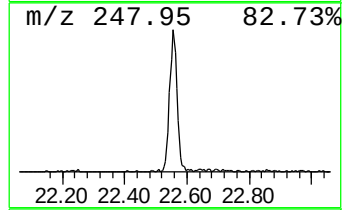
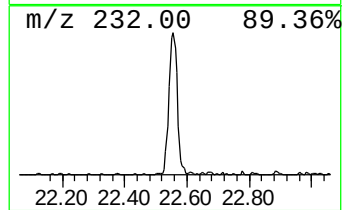
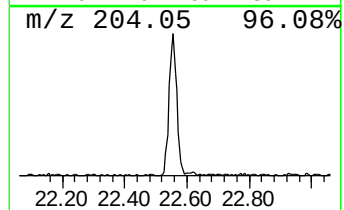
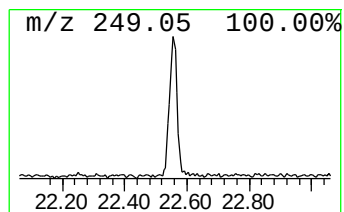
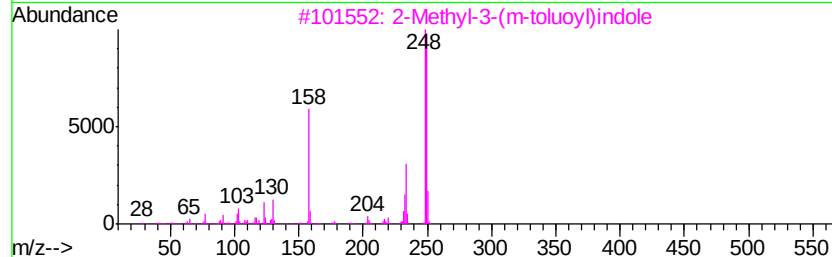
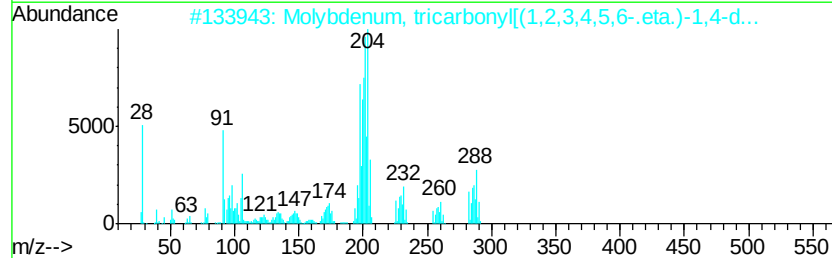
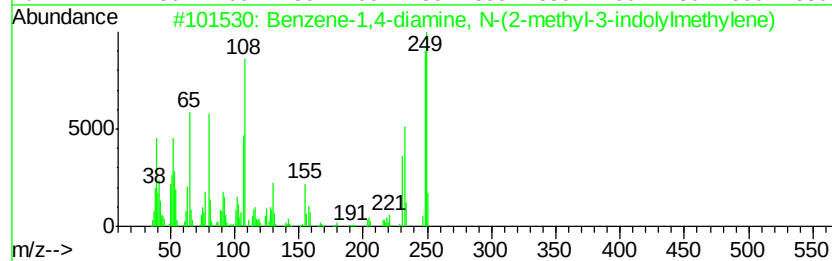
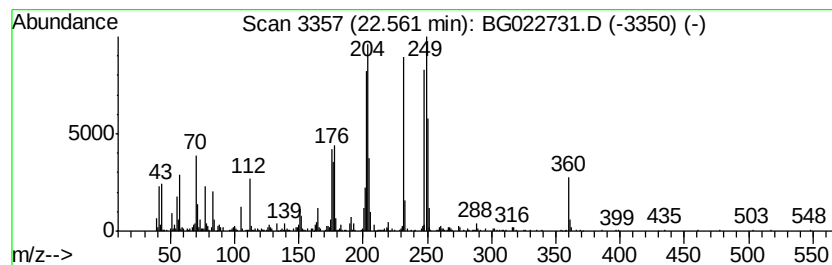
Instrument :
BNA_G
ClientSampleId :
BDHM4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	7.30 ng/ul	1078790	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene-1,4-diamine, N-(2-methyl...	249 C16H15N3	1000269-06-5 38
2		Molybdenum, tricarbonyl[(1,2,3,4...	288 C11H10MoO3	012093-13-9 27
3		2-Methyl-3-(m-toluo yl)indole	249 C17H15NO	026206-11-1 27
4		Octocrylene	361 C24H27NO2	006197-30-4 22
5		Cinchophen	249 C16H11NO2	000132-60-5 14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022731.D
Acq On : 30 Jun 2016 17:41
Operator : UM/SJ
Sample : H3759-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHM4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
2-Ethylhexyl sali...	17.46	2.3	ng/ul	288058	4	17.56	2469990	20.0
7,9-Di-tert-butyl...	18.21	6.3	ng/ul	774403	4	17.56	2469990	20.0
Oxybenzone	19.19	12.2	ng/ul	1505560	4	17.56	2469990	20.0
unknown-01	22.56	7.3	ng/ul	1078790	5	21.85	2955340	20.0