

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025116.D
 Acq On : 12 Dec 2016 16:07
 Operator : UM/SJ
 Sample : H5860-13 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8E0

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-BG113016.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	3.275	71	74	79	rVB5	11832	12151	0.45%	0.057%
2	3.363	86	89	96	rVB6	11762	21344	0.80%	0.099%
3	3.434	99	101	104	rVB3	8539	7767	0.29%	0.036%
4	3.933	184	186	194	rBV7	9284	19819	0.74%	0.092%
5	4.139	215	221	224	rVB8	8779	13470	0.50%	0.063%
6	4.333	250	254	256	rBV3	5610	8485	0.32%	0.039%
7	4.479	274	279	283	rBV6	5124	11106	0.41%	0.052%
8	5.014	368	370	373	rBV4	8232	10342	0.39%	0.048%
9	5.079	379	381	385	rVB3	6390	7492	0.28%	0.035%
10	5.114	385	387	393	rBV4	5636	11911	0.44%	0.055%
11	5.167	393	396	401	rBV6	4036	8597	0.32%	0.040%
12	5.384	431	433	437	rVB4	6792	7706	0.29%	0.036%
13	5.854	510	513	518	rVB3	4805	7959	0.30%	0.037%
14	5.913	518	523	526	rBV3	4989	8946	0.33%	0.042%
15	6.219	570	575	576	rBV2	6064	8485	0.32%	0.039%
16	6.236	576	578	584	rBV4	5384	8125	0.30%	0.038%
17	6.753	662	666	669	rBV3	7802	12180	0.45%	0.057%
18	6.794	669	673	675	rVV4	5160	7447	0.28%	0.035%
19	6.918	690	694	697	rVB5	7089	9528	0.36%	0.044%
20	7.276	749	755	758	rBV6	4326	8440	0.31%	0.039%
21	7.388	766	774	787	rBV3	56778	144355	5.39%	0.672%
22	7.552	796	802	814	rBV2	43532	85488	3.19%	0.398%
23	7.770	827	839	849	rBV4	57536	117299	4.38%	0.546%
24	8.011	876	880	883	rBV2	6783	10607	0.40%	0.049%
25	8.240	912	919	933	rBV	311624	585089	21.83%	2.723%
26	8.534	962	969	970	rVB4	5883	9114	0.34%	0.042%
27	8.945	1030	1039	1052	rVV6	61390	140597	5.25%	0.654%
28	9.321	1094	1103	1107	rVV5	4664	9575	0.36%	0.045%
29	9.415	1111	1119	1128	rBV3	62029	120767	4.51%	0.562%
30	9.591	1146	1149	1157	rBV4	4151	7761	0.29%	0.036%
31	10.143	1234	1243	1252	rBV5	50440	117373	4.38%	0.546%
32	10.578	1312	1317	1319	rBV2	3360	7573	0.28%	0.035%
33	10.690	1328	1336	1344	rBV3	64967	144815	5.40%	0.674%
34	10.901	1368	1372	1376	rVB3	5087	10231	0.38%	0.048%

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35	11.066	1389	1400	1414	rBV	469079	903023	33.69%	4.202%
36	11.213	1418	1425	1439	rVB5	26980	72461	2.70%	0.337%
37	11.747	1512	1516	1521	rVB3	5951	8181	0.31%	0.038%
38	12.364	1616	1621	1625	rBV4	4582	8212	0.31%	0.038%
39	12.652	1666	1670	1672	rVB4	5883	7602	0.28%	0.035%
40	12.887	1708	1710	1714	rVB2	6788	9581	0.36%	0.045%
41	12.922	1714	1716	1720	rBV2	8282	11128	0.42%	0.052%
42	13.005	1729	1730	1736	rBV	6225	9891	0.37%	0.046%
43	13.128	1748	1751	1758	rVB6	6549	13906	0.52%	0.065%
44	13.240	1767	1770	1774	rBV5	7027	7172	0.27%	0.033%
45	13.304	1779	1781	1786	rBV2	4710	7790	0.29%	0.036%
46	13.381	1793	1794	1800	rVV3	6573	8642	0.32%	0.040%
47	13.440	1800	1804	1809	rVB3	5073	7142	0.27%	0.033%
48	13.710	1848	1850	1853	rBV2	7815	9393	0.35%	0.044%
49	13.968	1889	1894	1896	rBV4	6368	9157	0.34%	0.043%
50	14.068	1905	1911	1916	rVB5	5451	13623	0.51%	0.063%
51	14.103	1916	1917	1923	rBV4	5290	9822	0.37%	0.046%
52	14.250	1935	1942	1947	rBV	158345	238424	8.89%	1.109%
53	14.297	1947	1950	1960	rVB2	35266	57491	2.14%	0.268%
54	14.474	1977	1980	1983	rBV3	5306	9060	0.34%	0.042%
55	14.556	1987	1994	2004	rVB	136758	247788	9.24%	1.153%
56	14.744	2024	2026	2029	rBV2	8839	7928	0.30%	0.037%
57	14.861	2038	2046	2054	rBV	782373	1312072	48.95%	6.106%
58	15.073	2077	2082	2093	rBV7	28534	74668	2.79%	0.347%
59	15.155	2093	2096	2101	rVB5	10303	12651	0.47%	0.059%
60	15.261	2110	2114	2117	rVB5	7811	10198	0.38%	0.047%
61	15.543	2161	2162	2165	rBV3	6866	7105	0.27%	0.033%
62	15.649	2176	2180	2185	rVB6	17153	33724	1.26%	0.157%
63	15.848	2205	2214	2220	rBV2	208190	364479	13.60%	1.696%
64	15.907	2220	2224	2228	rVB6	18227	27630	1.03%	0.129%
65	15.966	2230	2234	2243	rBV4	45772	89191	3.33%	0.415%
66	16.130	2259	2262	2268	rVB7	7999	11887	0.44%	0.055%
67	16.295	2285	2290	2293	rBV5	7934	14708	0.55%	0.068%
68	16.336	2295	2297	2301	rBV5	6938	7865	0.29%	0.037%
69	16.512	2321	2327	2333	rVB6	14819	35009	1.31%	0.163%
70	16.577	2336	2338	2341	rBV4	10802	11047	0.41%	0.051%
71	16.648	2345	2350	2352	rVB4	8041	11982	0.45%	0.056%

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72	16.677	2352	2355	2356	rBV3	7101	7933	0.30%	0.037%
73	16.935	2397	2399	2401	rBV3	9797	8771	0.33%	0.041%
74	17.000	2408	2410	2412	rBV3	10212	9318	0.35%	0.043%
75	17.076	2421	2423	2425	rBV3	7667	7916	0.30%	0.037%
76	17.259	2447	2454	2459	rBV4	27257	61409	2.29%	0.286%
77	17.306	2459	2462	2464	rVB3	12275	11795	0.44%	0.055%
78	17.423	2479	2482	2486	rVB4	22141	31881	1.19%	0.148%
79	17.605	2506	2513	2517	rBV	978042	1661647	61.99%	7.732%
80	17.646	2517	2520	2524	rVB	379208	518092	19.33%	2.411%
81	17.699	2525	2529	2540	rVB3	229756	409117	15.26%	1.904%
82	17.793	2543	2545	2553	rBV8	19962	35514	1.32%	0.165%
83	18.005	2575	2581	2591	rBV	69269	143438	5.35%	0.667%
84	18.440	2652	2655	2657	rBV4	32110	43443	1.62%	0.202%
85	18.469	2657	2660	2664	rVB2	53978	71879	2.68%	0.334%
86	18.516	2666	2668	2676	rVB3	74764	114736	4.28%	0.534%
87	18.675	2688	2695	2705	rVB4	58986	159381	5.95%	0.742%
88	18.962	2739	2744	2747	rVV2	45271	68299	2.55%	0.318%
89	19.015	2747	2753	2760	rVB2	166416	280240	10.45%	1.304%
90	19.521	2835	2839	2848	rBV	71513	135028	5.04%	0.628%
91	19.638	2854	2859	2865	rVB	1299961	1975665	73.70%	9.194%
92	20.002	2909	2921	2927	rBV2	1071199	2208220	82.38%	10.276%
93	21.266	3132	3136	3143	rVB	168994	277356	10.35%	1.291%
94	21.606	3191	3194	3203	rVB	155783	311301	11.61%	1.449%
95	21.894	3234	3243	3248	rBV2	1191491	2680510	100.00%	12.474%
96	21.941	3249	3251	3261	rVB	530619	814903	30.40%	3.792%
97	24.221	3632	3639	3647	rBV2	391131	1235705	46.10%	5.750%
98	24.997	3765	3771	3779	rVB	200626	471800	17.60%	2.196%
99	25.149	3792	3797	3806	rVB	221027	585942	21.86%	2.727%
100	25.314	3816	3825	3835	rBV2	571853	1724509	64.34%	8.025%

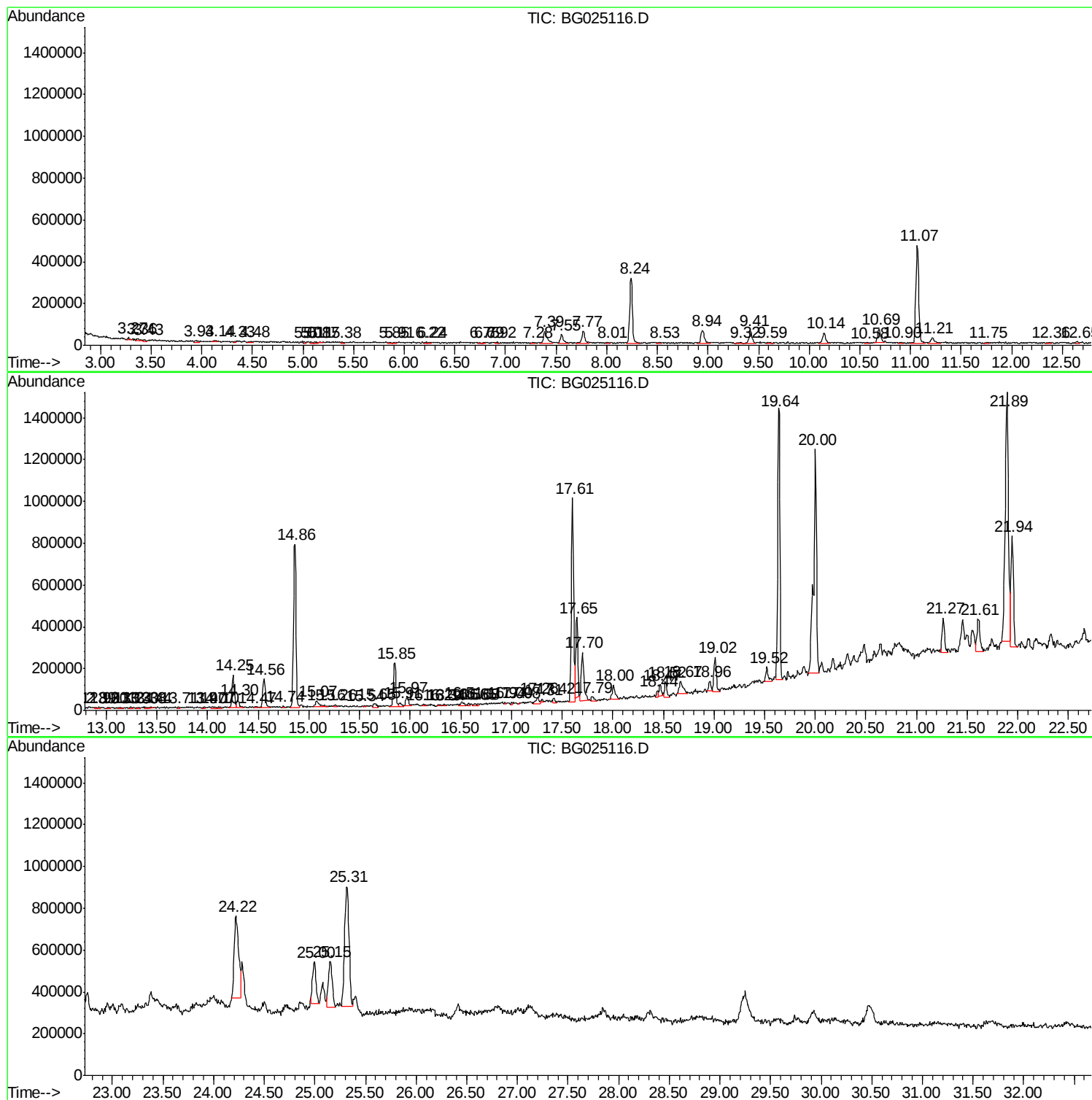
Sum of corrected areas: 21489325

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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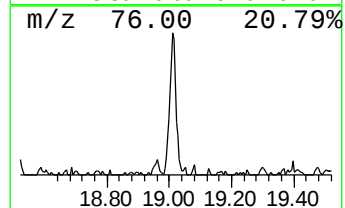
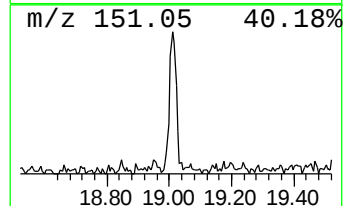
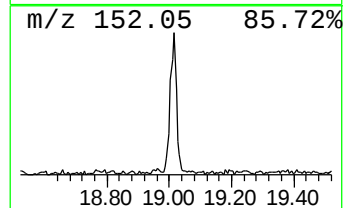
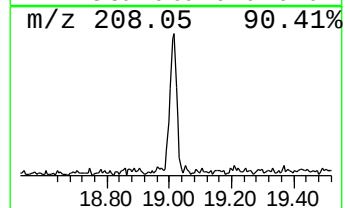
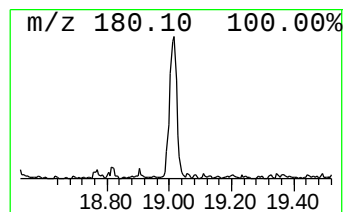
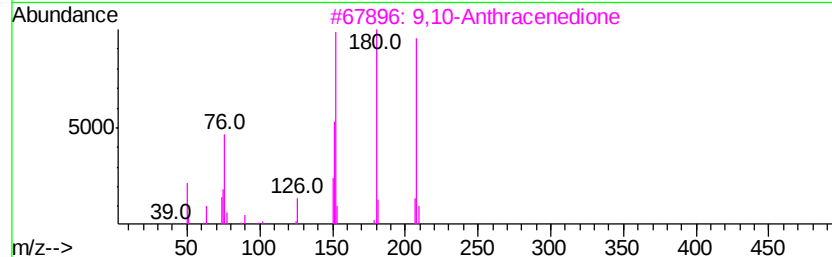
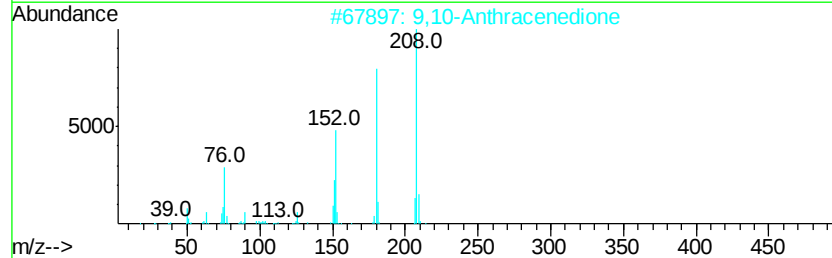
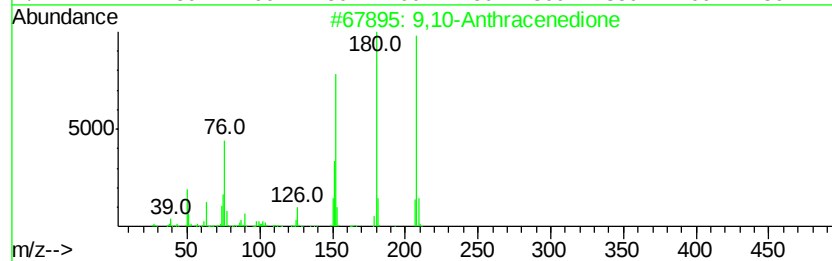
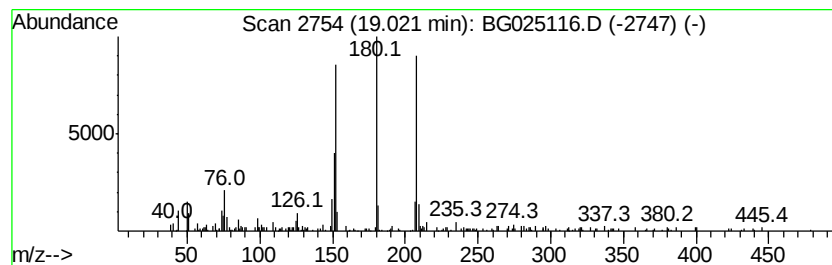
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.37 ng/ul	280240	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62



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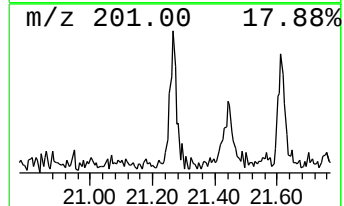
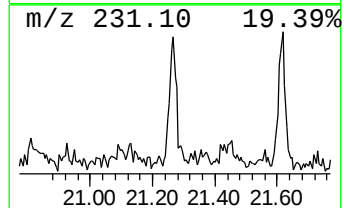
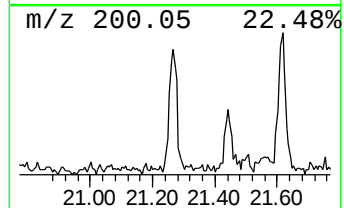
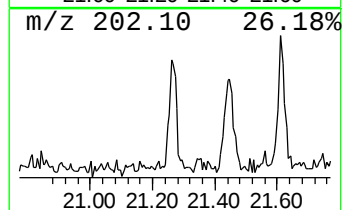
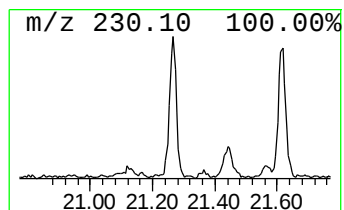
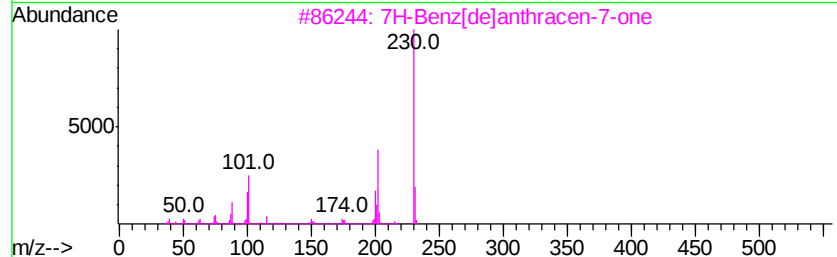
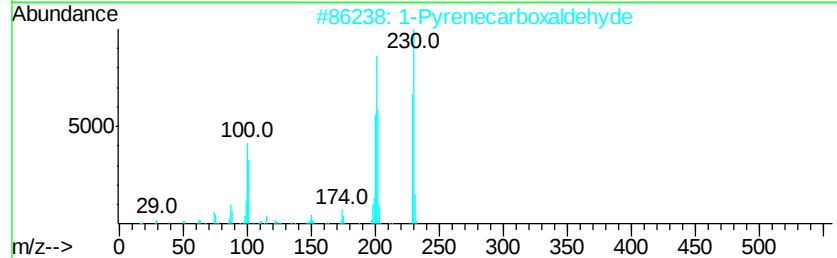
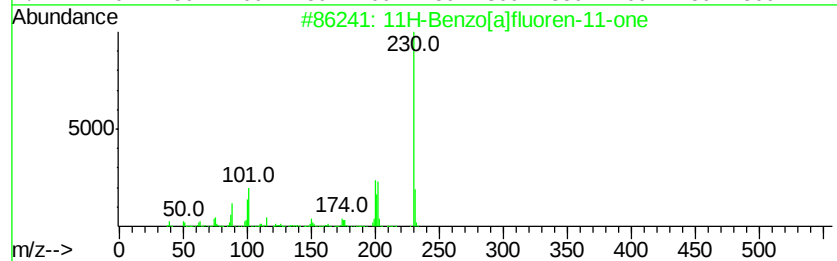
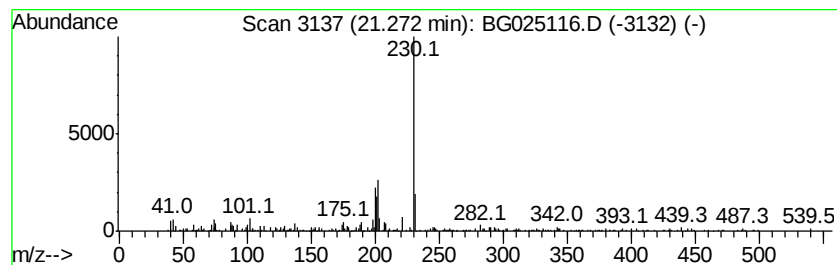
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.07 ng/ul	277356	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59



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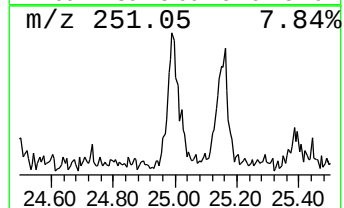
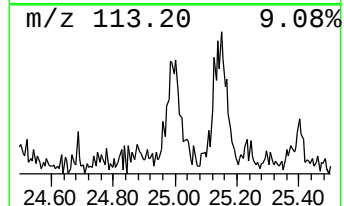
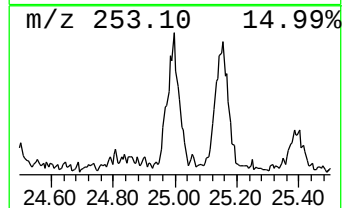
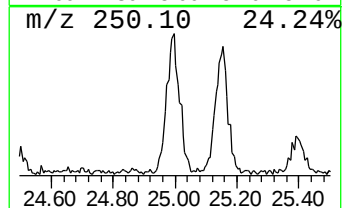
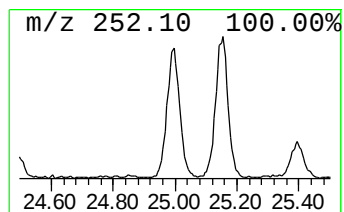
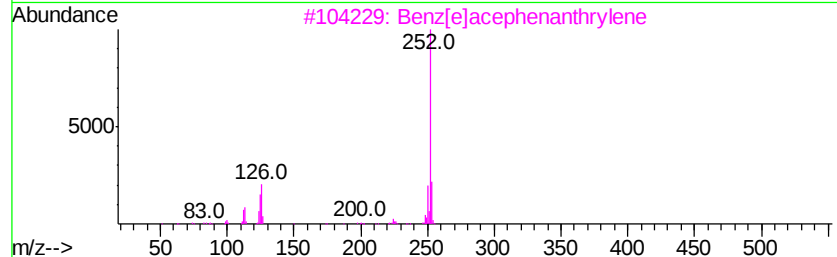
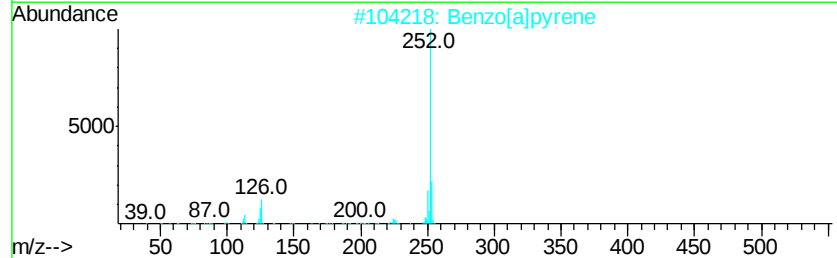
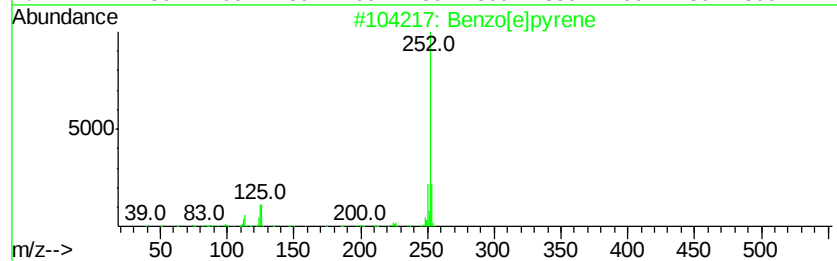
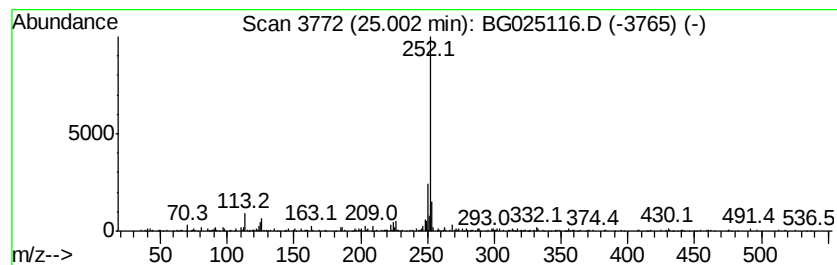
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	5.47 ng/ul	471800	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	76
2		Benzo[a]pyrene	252	C20H12	000050-32-8	76
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	76
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025116.D
Acq On : 12 Dec 2016 16:07
Operator : UM/SJ
Sample : H5860-13 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8E0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
9,10-Anthracenedione	19.02	3.4	ng/ul	280240	4	17.61	1661650	20.0
11H-Benzo[a]fluor...	21.27	2.1	ng/ul	277356	5	21.89	2680510	20.0
Benzo[e]pyrene	25.00	5.5	ng/ul	471800	6	25.31	1724510	20.0