

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047362.D
 Acq On : 19 Nov 2020 21:24
 Operator : CG/JU
 Sample : L4710-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B40

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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	3.615	45	47	48	rBV	5382	3667	0.28%	0.025%
2	3.774	72	74	77	rBV2	3526	3026	0.23%	0.020%
3	4.062	118	123	125	rVV3	5459	8758	0.67%	0.059%
4	4.156	133	139	145	rVV2	18104	34188	2.60%	0.231%
5	4.232	148	152	155	rVV2	4808	5874	0.45%	0.040%
6	4.291	158	162	168	rVB3	6226	11520	0.88%	0.078%
7	4.397	174	180	184	rBV4	3874	6780	0.52%	0.046%
8	4.608	212	216	219	rBV4	2470	4327	0.33%	0.029%
9	4.720	234	235	238	rBV	3578	3075	0.23%	0.021%
10	5.413	351	353	356	rBV3	3825	4620	0.35%	0.031%
11	5.924	437	440	443	rBV	2449	3710	0.28%	0.025%
12	6.306	503	505	509	rBV	2724	3689	0.28%	0.025%
13	7.399	685	691	701	rVB	118087	222212	16.89%	1.504%
14	7.587	716	723	730	rBV	88116	154580	11.75%	1.046%
15	7.799	752	759	765	rBV	136205	229037	17.41%	1.550%
16	8.275	831	840	847	rBV	195937	341984	26.00%	2.314%
17	8.516	880	881	886	rVB2	3223	3373	0.26%	0.023%
18	8.962	947	957	964	rBV	118615	207929	15.81%	1.407%
19	9.438	1030	1038	1047	rVV2	140891	253232	19.25%	1.714%
20	9.861	1106	1110	1114	rVB2	4994	6545	0.50%	0.044%
21	10.061	1138	1144	1146	rBV	2006	3204	0.24%	0.022%
22	10.167	1155	1162	1170	rVB2	117801	207563	15.78%	1.405%
23	10.707	1244	1254	1262	rBV	178521	326826	24.85%	2.212%
24	11.101	1314	1321	1330	rBV	254748	459096	34.90%	3.107%
25	11.218	1334	1341	1350	rVV	119456	215403	16.38%	1.458%
26	11.571	1396	1401	1403	rBV	2595	4151	0.32%	0.028%
27	12.440	1545	1549	1552	rBV	2780	3588	0.27%	0.024%
28	12.670	1584	1588	1591	rVV2	4765	7321	0.56%	0.050%
29	12.846	1615	1618	1622	rVB2	3167	3238	0.25%	0.022%
30	13.251	1684	1687	1693	rVB2	2685	4393	0.33%	0.030%
31	13.498	1723	1729	1732	rVV2	4190	7603	0.58%	0.051%
32	13.762	1771	1774	1775	rBV2	7045	6340	0.48%	0.043%
33	13.862	1789	1791	1795	rVB	3095	3818	0.29%	0.026%
34	14.279	1854	1862	1866	rBV	326723	483032	36.72%	3.269%

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35	14.321	1866	1869	1875	rVB	140189	206392	15.69%	1.397%
36	14.579	1907	1913	1921	rVB	344209	558554	42.46%	3.780%
37	14.767	1941	1945	1949	rBV2	4891	7302	0.56%	0.049%
38	14.885	1957	1965	1971	rBV2	414961	676312	51.41%	4.576%
39	14.949	1971	1976	1981	rVB4	8186	13792	1.05%	0.093%
40	15.031	1984	1990	1997	rBV2	73167	118643	9.02%	0.803%
41	15.196	2014	2018	2023	rBV5	4764	9066	0.69%	0.061%
42	15.278	2027	2032	2038	rBV6	9443	14433	1.10%	0.098%
43	15.478	2062	2066	2067	rBV	2553	3660	0.28%	0.025%
44	15.654	2092	2096	2097	rBV2	3229	3666	0.28%	0.025%
45	15.672	2097	2099	2102	rVV3	3549	3927	0.30%	0.027%
46	15.701	2102	2104	2111	rVB4	3896	6016	0.46%	0.041%
47	15.866	2124	2132	2139	rBV	446282	685720	52.13%	4.640%
48	15.919	2139	2141	2144	rVV2	8752	10265	0.78%	0.069%
49	15.966	2144	2149	2155	rVB2	77979	116505	8.86%	0.788%
50	16.107	2169	2173	2177	rVB4	8347	11533	0.88%	0.078%
51	16.212	2187	2191	2195	rVB4	5987	11157	0.85%	0.075%
52	16.271	2199	2201	2204	rVB3	3250	3088	0.23%	0.021%
53	16.353	2211	2215	2218	rBV5	3719	4663	0.35%	0.032%
54	16.541	2242	2247	2250	rVV3	10885	17490	1.33%	0.118%
55	16.624	2260	2261	2264	rBV2	4352	5587	0.42%	0.038%
56	16.647	2264	2265	2268	rVB2	6343	4319	0.33%	0.029%
57	16.741	2279	2281	2284	rVV4	6039	6351	0.48%	0.043%
58	16.853	2297	2300	2304	rVB2	8548	13104	1.00%	0.089%
59	16.894	2304	2307	2310	rVB4	3695	5433	0.41%	0.037%
60	16.923	2310	2312	2313	rBV2	4908	3801	0.29%	0.026%
61	16.982	2320	2322	2323	rVB2	5439	3551	0.27%	0.024%
62	17.000	2323	2325	2328	rBV4	4852	5496	0.42%	0.037%
63	17.153	2345	2351	2353	rBV5	11176	17108	1.30%	0.116%
64	17.170	2353	2354	2356	rBV2	4529	3785	0.29%	0.026%
65	17.264	2368	2370	2374	rVB3	7550	7884	0.60%	0.053%
66	17.335	2381	2382	2383	rBV2	5707	3655	0.28%	0.025%
67	17.435	2396	2399	2402	rVB	11247	11183	0.85%	0.076%
68	17.617	2423	2430	2434	rBV	548492	867377	65.94%	5.869%
69	17.658	2434	2437	2442	rVB	233976	328411	24.97%	2.222%
70	17.717	2442	2447	2452	rBV	454819	689086	52.39%	4.663%
71	17.799	2459	2461	2463	rBV3	5387	4310	0.33%	0.029%

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72	17.916	2479	2481	2486	rBV6	5357	9660	0.73%	0.065%
73	18.010	2490	2497	2503	rVV3	25964	49309	3.75%	0.334%
74	18.093	2509	2511	2514	rVB2	6875	6410	0.49%	0.043%
75	18.122	2514	2516	2518	rBV3	8530	9875	0.75%	0.067%
76	18.192	2525	2528	2530	rBV3	5292	6270	0.48%	0.042%
77	18.263	2538	2540	2542	rBV3	7035	8070	0.61%	0.055%
78	18.404	2562	2564	2566	rVB3	7445	5020	0.38%	0.034%
79	18.486	2573	2578	2583	rBV3	52234	88464	6.73%	0.599%
80	18.539	2583	2587	2595	rVB3	42929	74775	5.68%	0.506%
81	18.615	2597	2600	2604	rVB3	9458	12544	0.95%	0.085%
82	18.686	2605	2612	2615	rBV2	52534	93530	7.11%	0.633%
83	18.974	2657	2661	2664	rBV	36120	53950	4.10%	0.365%
84	19.009	2664	2667	2675	rVB4	61193	96132	7.31%	0.651%
85	19.256	2706	2709	2714	rVB2	64803	77366	5.88%	0.524%
86	19.520	2751	2754	2762	rBV4	26964	58600	4.45%	0.397%
87	19.650	2770	2776	2781	rVB	684146	967658	73.56%	6.548%
88	19.744	2789	2792	2796	rBV6	18837	28393	2.16%	0.192%
89	19.979	2827	2832	2835	rBV2	621384	1023329	77.80%	6.925%
90	20.008	2835	2837	2843	rVB	523414	672241	51.11%	4.549%
91	20.184	2864	2867	2873	rVB2	33775	43173	3.28%	0.292%
92	20.319	2887	2890	2896	rBV4	29952	67935	5.16%	0.460%
93	20.490	2917	2919	2924	rVB	79232	101039	7.68%	0.684%
94	20.596	2933	2937	2940	rBV	45053	63117	4.80%	0.427%
95	21.512	3089	3093	3098	rBV2	100458	161287	12.26%	1.091%
96	21.894	3150	3158	3164	rBV3	533999	1315408	100.00%	8.901%
97	21.947	3164	3167	3177	rVB	251757	418349	31.80%	2.831%
98	24.221	3547	3554	3561	rBV2	149400	479733	36.47%	3.246%
99	25.067	3692	3698	3705	rVB2	199044	460924	35.04%	3.119%
100	25.302	3731	3738	3746	rVB	222954	615218	46.77%	4.163%

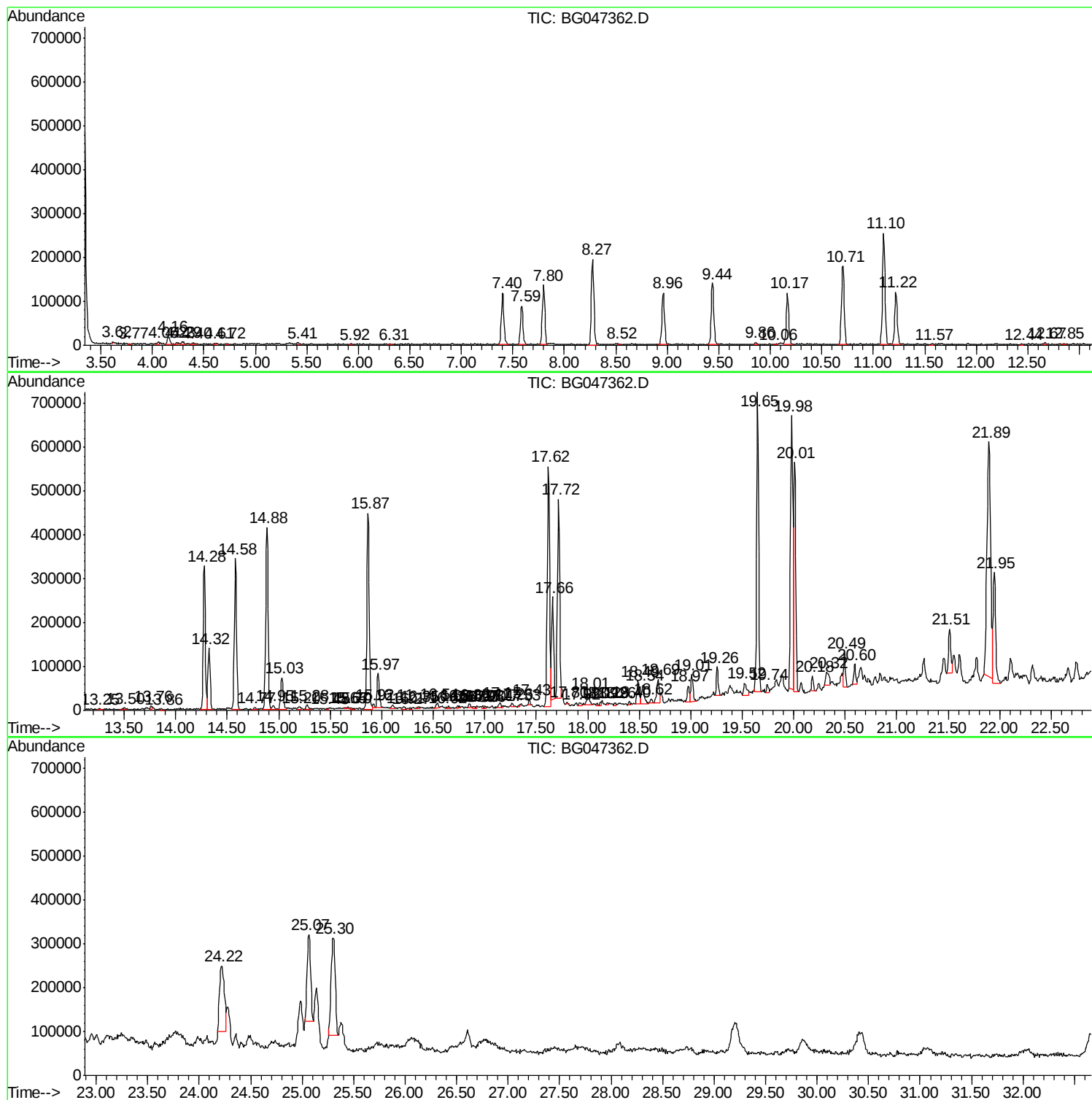
Sum of corrected areas: 14778106

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



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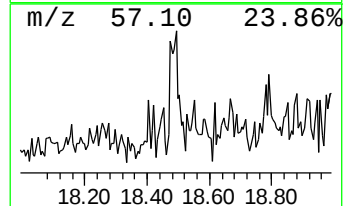
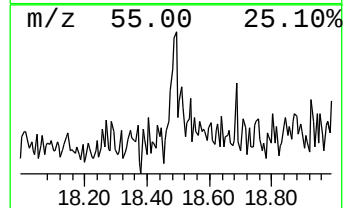
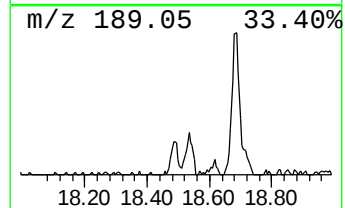
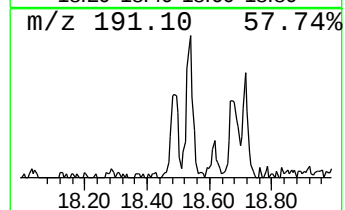
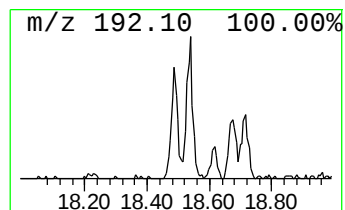
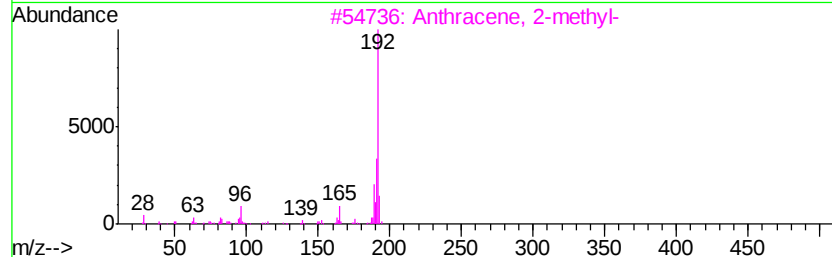
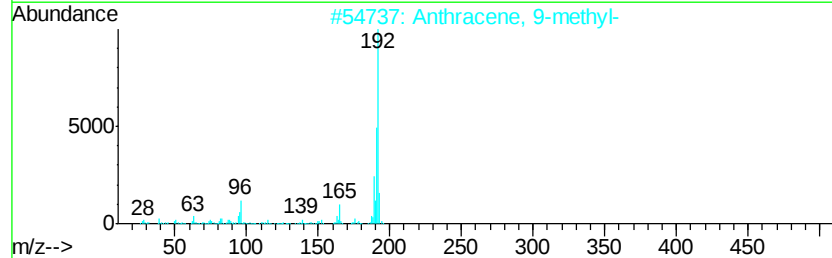
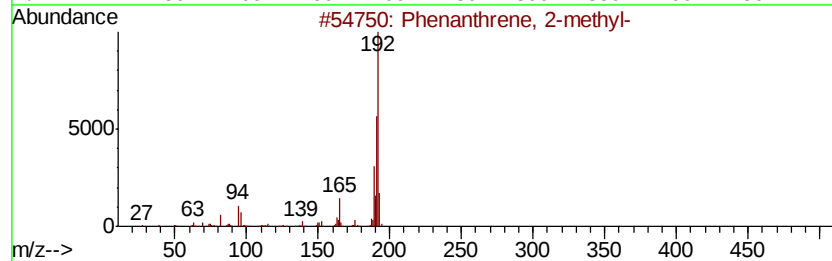
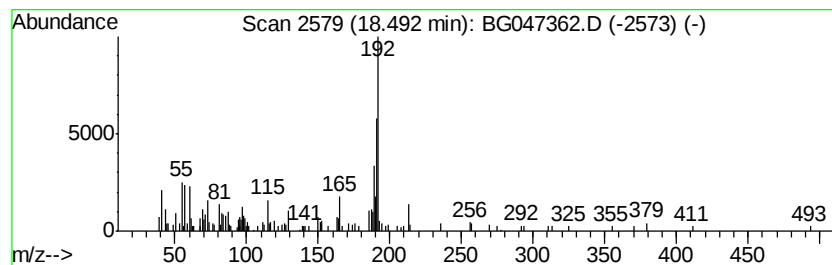
Instrument :
BNA_G
ClientSampled :
C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.49	2.04 ng/ul	88464	Phenanthrene-d10	17.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83	
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64	
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60	



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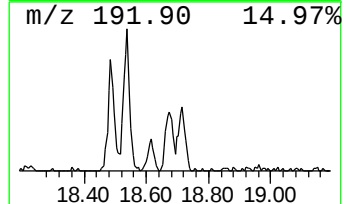
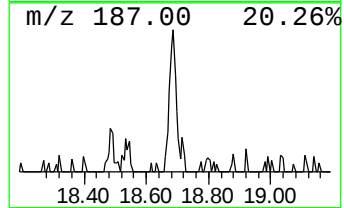
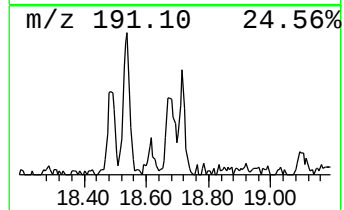
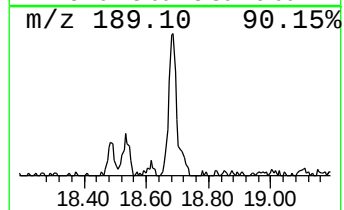
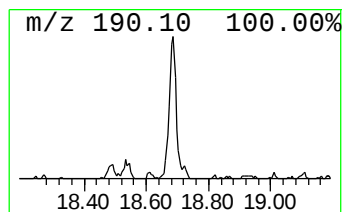
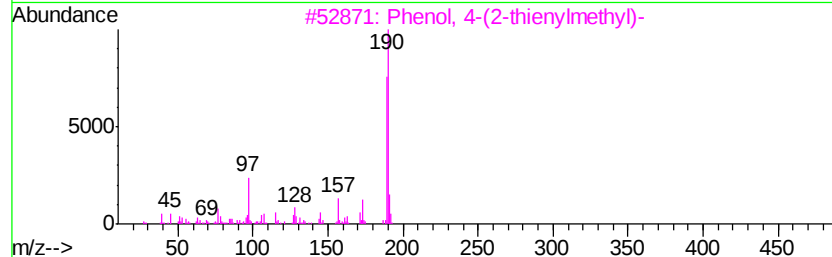
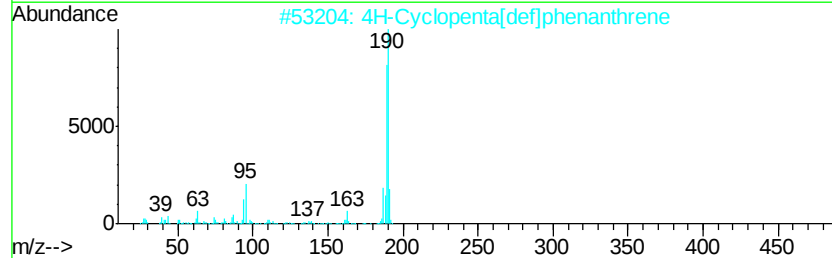
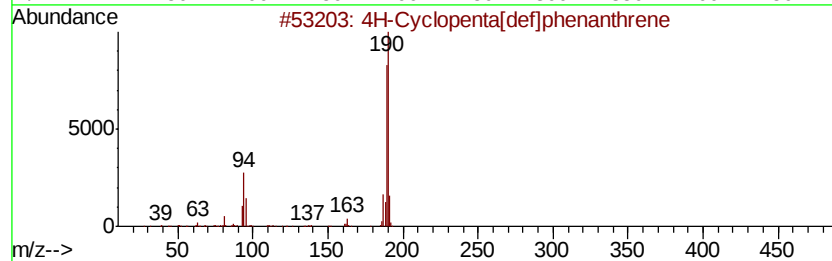
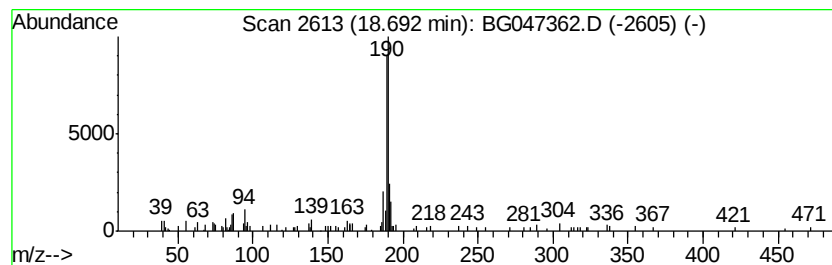
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.69	2.16 ng/ul	93530	Phenanthrene-d10		17.62		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3			Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5			Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	42



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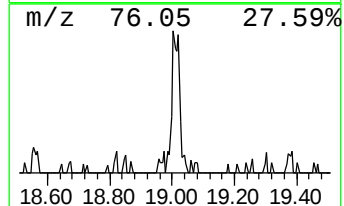
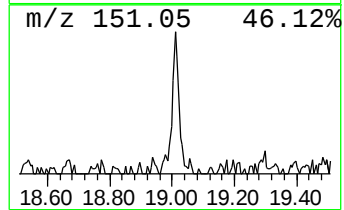
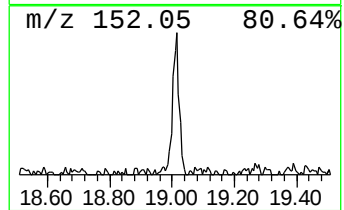
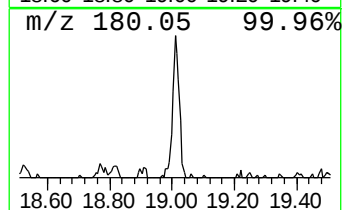
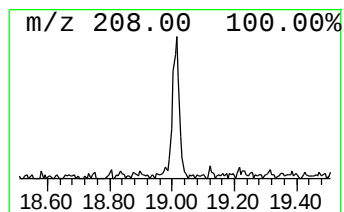
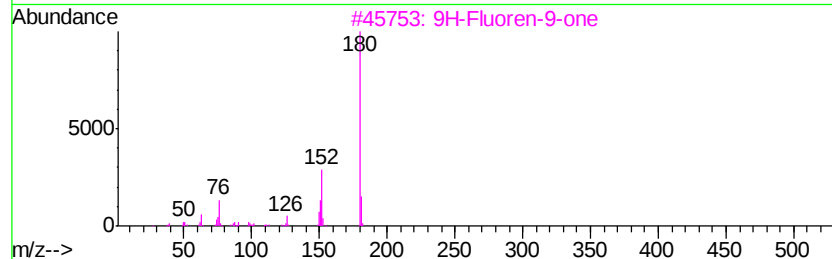
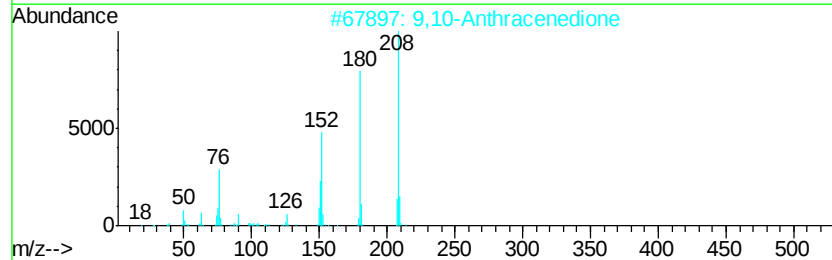
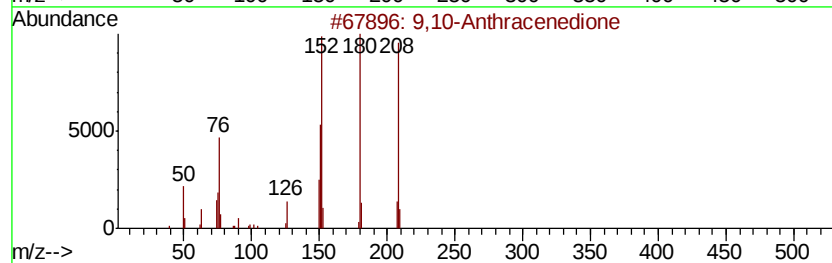
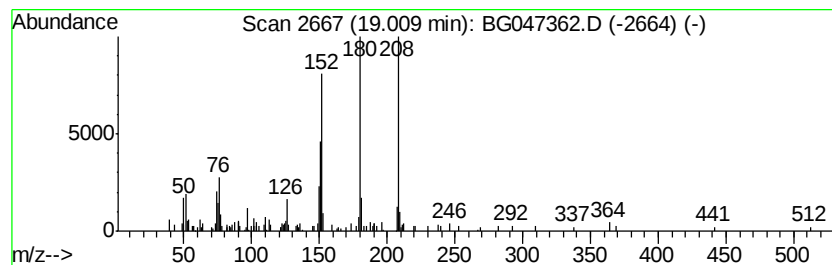
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.22 ng/ul	96132	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047362.D
Acq On : 19 Nov 2020 21:24
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B40

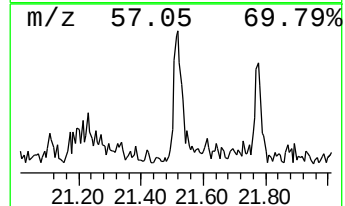
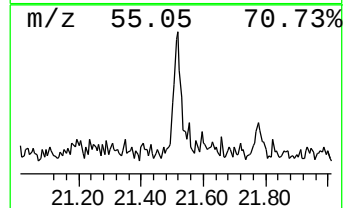
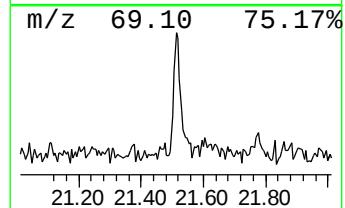
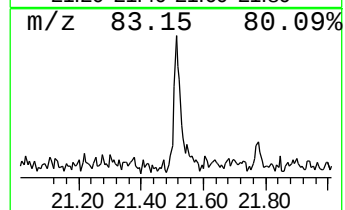
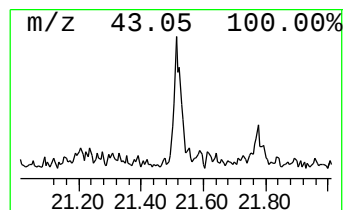
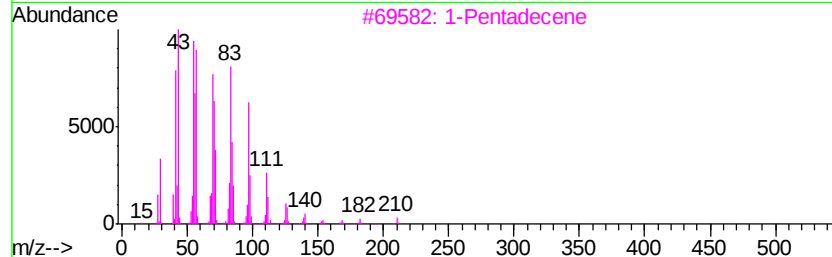
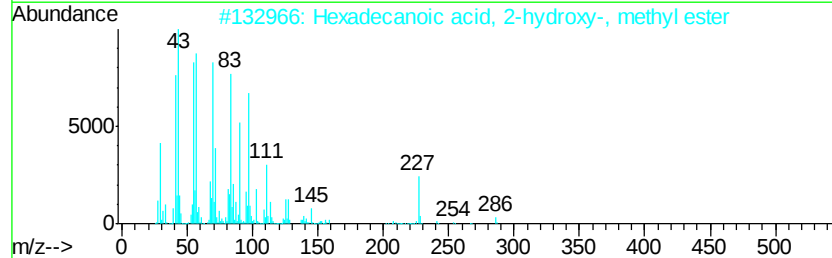
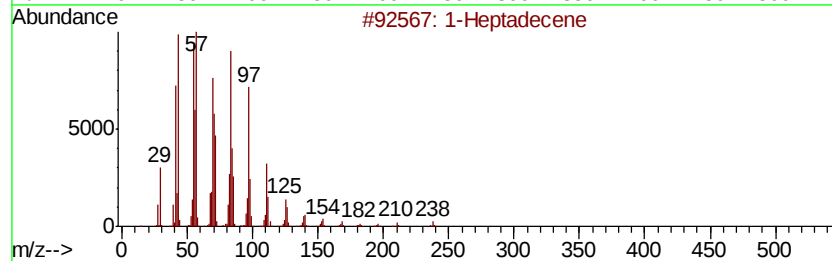
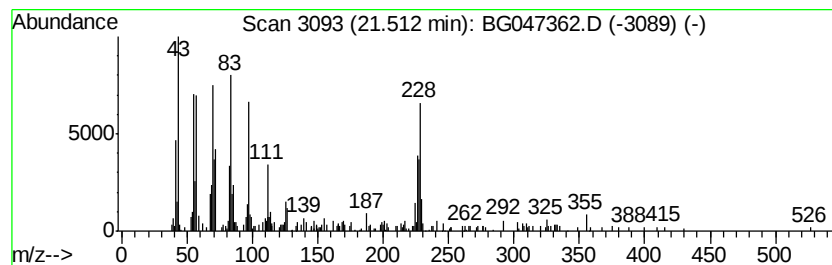
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.45 ng/ul	161287	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	83
2		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	58
3		1-Pentadecene	210	C15H30	013360-61-7	58
4		Cyclohexadecane	224	C16H32	000295-65-8	58
5		1-Octadecene	252	C18H36	000112-88-9	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111920\
Data File : BG047362.D
Acq On : 19 Nov 2020 21:24
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
Phenanthrene, 2-m...	18.49	2.0	ng/ul	88464	4	17.62	867377	20.0
4H-Cyclopenta[def...	18.69	2.2	ng/ul	93530	4	17.62	867377	20.0
9,10-Anthracenedione	19.01	2.2	ng/ul	96132	4	17.62	867377	20.0
(DEL) Alkane: Str...	21.51	2.5	ng/ul	161287	5	21.90	1315410	20.0