

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
 Data File : BP004330.D
 Acq On : 16 Dec 2020 18:21
 Operator : CG/JU
 Sample : L5001-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C8DL

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_P\METHODS\SOM-EPA-BP121020MA.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	6.999	643	648	662	rVB2	92761	191067	2.61%	0.280%
2	7.163	672	676	685	rVB	69795	117216	1.60%	0.172%
3	7.369	705	711	719	rVB	93020	159397	2.18%	0.233%
4	7.834	784	790	798	rVB	961852	1542713	21.10%	2.259%
5	8.534	904	909	918	rVB2	100191	168758	2.31%	0.247%
6	8.987	981	986	993	rVB	83030	143328	1.96%	0.210%
7	9.710	1104	1109	1116	rVB2	62714	110831	1.52%	0.162%
8	10.251	1195	1201	1210	rVB	120060	200590	2.74%	0.294%
9	10.634	1257	1266	1272	rBV	1330574	2308536	31.57%	3.380%
10	10.681	1272	1274	1281	rVB	60752	80052	1.09%	0.117%
11	10.763	1281	1288	1298	rBV	71843	135695	1.86%	0.199%
12	12.298	1540	1549	1555	rBV	37309	61665	0.84%	0.090%
13	12.516	1579	1586	1593	rBV	33041	54265	0.74%	0.079%
14	13.310	1716	1721	1727	rBV2	20572	31389	0.43%	0.046%
15	13.804	1799	1805	1810	rVV	26327	51036	0.70%	0.075%
16	13.887	1810	1819	1823	rVV	209697	325961	4.46%	0.477%
17	13.934	1823	1827	1831	rVV	47294	71841	0.98%	0.105%
18	14.175	1858	1868	1879	rVB	257202	439738	6.01%	0.644%
19	14.481	1910	1920	1927	rBV2	2053537	3128914	42.79%	4.581%
20	14.545	1927	1931	1938	rVV	230732	341566	4.67%	0.500%
21	14.681	1949	1954	1963	rBV2	67159	123351	1.69%	0.181%
22	14.881	1983	1988	1997	rVV	111071	177224	2.42%	0.259%
23	15.104	2019	2026	2031	rBV4	16635	32498	0.44%	0.048%
24	15.481	2081	2090	2095	rVV	327843	491530	6.72%	0.720%
25	15.534	2095	2099	2105	rVV	233472	336646	4.60%	0.493%
26	15.604	2107	2111	2118	rVV3	42541	87260	1.19%	0.128%
27	15.663	2118	2121	2124	rVV2	27174	38090	0.52%	0.056%
28	15.698	2124	2127	2132	rVV3	32318	51619	0.71%	0.076%
29	15.786	2139	2142	2146	rVV3	20827	29930	0.41%	0.044%
30	15.834	2146	2150	2160	rVB	51102	83951	1.15%	0.123%
31	15.981	2170	2175	2183	rVV	57967	124502	1.70%	0.182%
32	16.075	2183	2191	2197	rVB3	14713	37593	0.51%	0.055%
33	16.216	2210	2215	2223	rVB5	35380	70816	0.97%	0.104%
34	16.522	2259	2267	2268	rBV4	22913	43728	0.60%	0.064%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	16.545	2268	2271	2276	rVB2	39714	60656	0.83%	0.089%
36	16.592	2276	2279	2285	rVB4	22142	33917	0.46%	0.050%
37	16.775	2301	2310	2314	rBV4	28674	64847	0.89%	0.095%
38	16.816	2314	2317	2321	rVB2	24075	31150	0.43%	0.046%
39	16.892	2325	2330	2338	rVB	142423	228698	3.13%	0.335%
40	16.981	2338	2345	2346	rBV2	32978	54980	0.75%	0.081%
41	17.063	2355	2359	2368	rVB	130163	199205	2.72%	0.292%
42	17.245	2383	2390	2393	rBV	2463974	3637612	49.74%	5.326%
43	17.286	2393	2397	2402	rVV	2875406	4061346	55.54%	5.947%
44	17.345	2402	2407	2410	rVV	420036	678625	9.28%	0.994%
45	17.375	2410	2412	2418	rVV	424878	560870	7.67%	0.821%
46	17.433	2418	2422	2428	rVB	57591	92457	1.26%	0.135%
47	17.645	2449	2458	2464	rBV2	338856	576210	7.88%	0.844%
48	17.763	2474	2478	2484	rBV4	40451	62571	0.86%	0.092%
49	17.828	2485	2489	2499	rVB2	47302	73847	1.01%	0.108%
50	17.969	2509	2513	2520	rVB	24559	42924	0.59%	0.063%
51	18.039	2521	2525	2528	rBV4	20155	28236	0.39%	0.041%
52	18.116	2533	2538	2542	rVV	279053	408857	5.59%	0.599%
53	18.163	2542	2546	2553	rVB	400974	563949	7.71%	0.826%
54	18.239	2554	2559	2563	rBV	95650	140676	1.92%	0.206%
55	18.304	2563	2570	2574	rBV2	473028	811332	11.09%	1.188%
56	18.339	2574	2576	2580	rVB	180976	194974	2.67%	0.285%
57	18.410	2583	2588	2591	rBV4	35038	71640	0.98%	0.105%
58	18.451	2592	2595	2598	rVB3	37835	48716	0.67%	0.071%
59	18.539	2607	2610	2615	rVB6	24718	33854	0.46%	0.050%
60	18.598	2615	2620	2623	rBV	229445	300763	4.11%	0.440%
61	18.639	2623	2627	2632	rVB	382400	512437	7.01%	0.750%
62	18.722	2638	2641	2647	rBV3	24891	32229	0.44%	0.047%
63	18.839	2657	2661	2665	rBV	61693	72639	0.99%	0.106%
64	18.886	2666	2669	2672	rVV	54014	65193	0.89%	0.095%
65	18.922	2672	2675	2679	rVB2	53179	65285	0.89%	0.096%
66	19.004	2684	2689	2693	rBV2	153418	246395	3.37%	0.361%
67	19.139	2708	2712	2719	rBV	170652	265381	3.63%	0.389%
68	19.257	2727	2732	2739	rVB	4372711	5946637	81.32%	8.707%
69	19.322	2740	2743	2745	rVV	49027	58250	0.80%	0.085%
70	19.357	2745	2749	2753	rVB	84543	114414	1.56%	0.168%
71	19.451	2760	2765	2767	rBV3	70393	110053	1.50%	0.161%

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72	19.498	2770	2773	2777	rVB	93893	116943	1.60%	0.171%
73	19.586	2782	2788	2789	rBV3	1232340	1696515	23.20%	2.484%
74	19.610	2789	2792	2800	rVV	3468115	4963289	67.87%	7.267%
75	19.680	2800	2804	2810	rVB2	173312	269125	3.68%	0.394%
76	19.786	2817	2822	2827	rBV	213661	291762	3.99%	0.427%
77	19.845	2828	2832	2837	rVB	200539	281540	3.85%	0.412%
78	19.933	2840	2847	2852	rBV3	222699	585187	8.00%	0.857%
79	19.980	2852	2855	2858	rVB	67383	80393	1.10%	0.118%
80	20.063	2865	2869	2870	rBV2	121507	163330	2.23%	0.239%
81	20.092	2871	2874	2880	rVB	469699	669833	9.16%	0.981%
82	20.192	2887	2891	2895	rBV	324710	418341	5.72%	0.613%
83	20.251	2895	2901	2904	rVV2	315173	550281	7.52%	0.806%
84	20.286	2904	2907	2911	rVB	172118	206931	2.83%	0.303%
85	20.327	2911	2914	2919	rVB3	78888	107060	1.46%	0.157%
86	20.386	2921	2924	2927	rBV2	163715	196490	2.69%	0.288%
87	20.433	2928	2932	2935	rVV	158377	208489	2.85%	0.305%
88	20.827	2995	2999	3005	rVB	410958	548887	7.51%	0.804%
89	20.992	3021	3027	3030	rBV2	338630	612304	8.37%	0.897%
90	21.027	3030	3033	3036	rVV	341923	425373	5.82%	0.623%
91	21.069	3036	3040	3044	rVV2	327006	624492	8.54%	0.914%
92	21.116	3044	3048	3056	rVB2	468667	685656	9.38%	1.004%
93	21.333	3079	3085	3089	rBV2	3827525	7312906	100.00%	10.708%
94	21.374	3089	3092	3101	rVB	1969338	2541862	34.76%	3.722%
95	21.492	3109	3112	3118	rBV2	336808	483239	6.61%	0.708%
96	21.657	3137	3140	3146	rVB2	260273	363928	4.98%	0.533%
97	22.986	3360	3366	3372	rBV	1508001	3753110	51.32%	5.495%
98	23.498	3448	3453	3458	rBV	722520	1364473	18.66%	1.998%
99	23.598	3465	3470	3478	rVB	1339371	2561290	35.02%	3.750%
100	23.704	3481	3488	3494	rBV	2017180	4266949	58.35%	6.248%

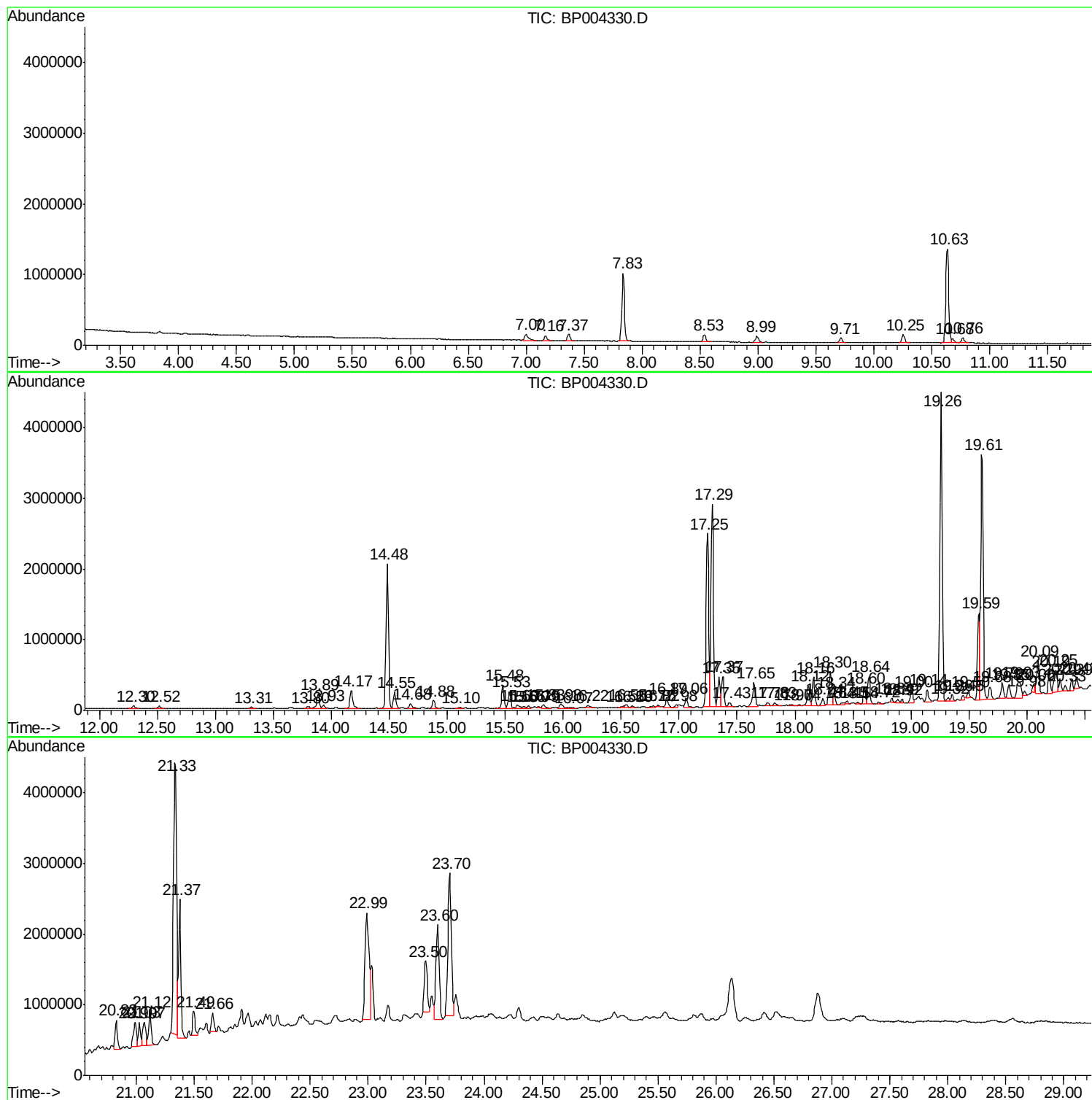
Sum of corrected areas: 68295099

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Instrument :
BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



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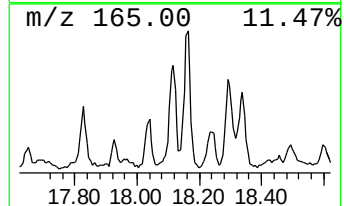
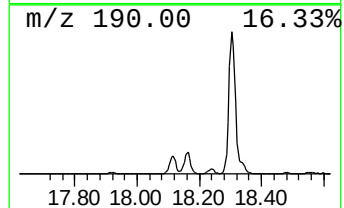
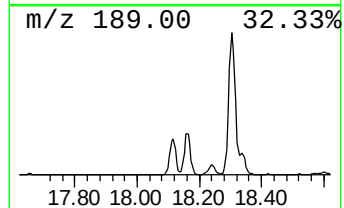
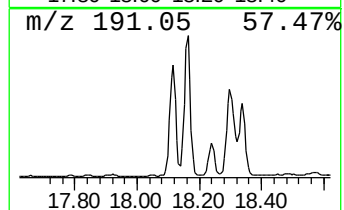
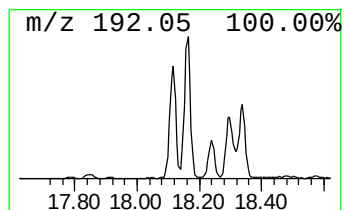
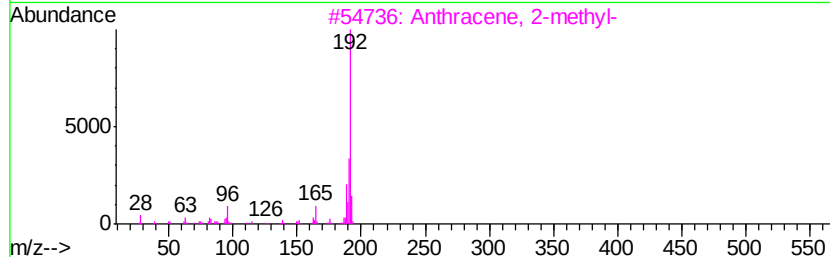
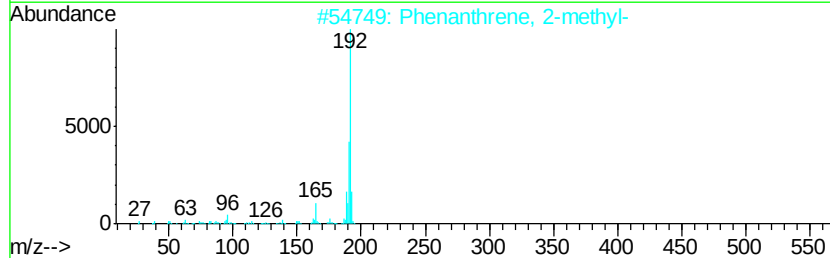
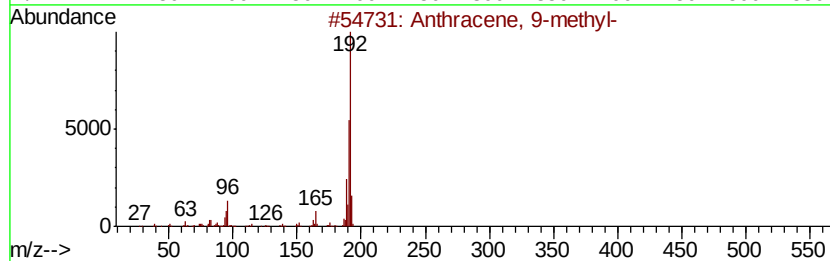
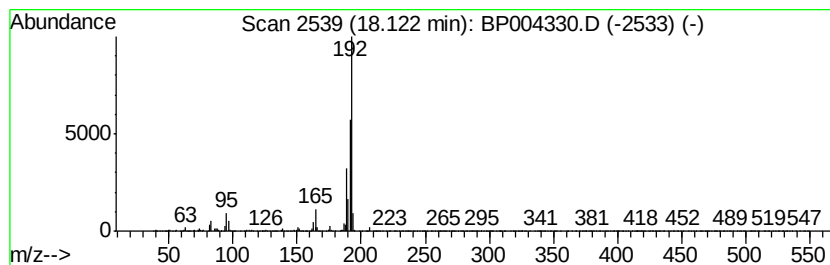
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.25 ng/ul	408857	Phenanthrene-d10	17.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	81
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



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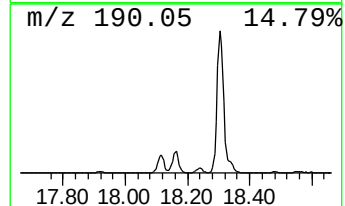
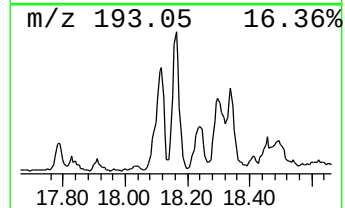
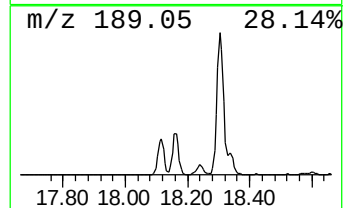
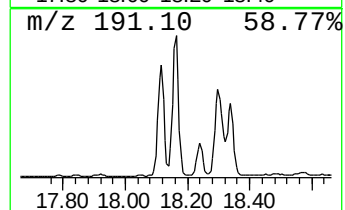
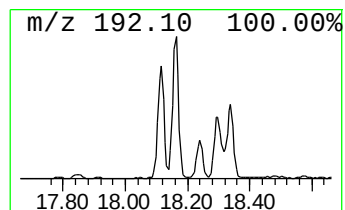
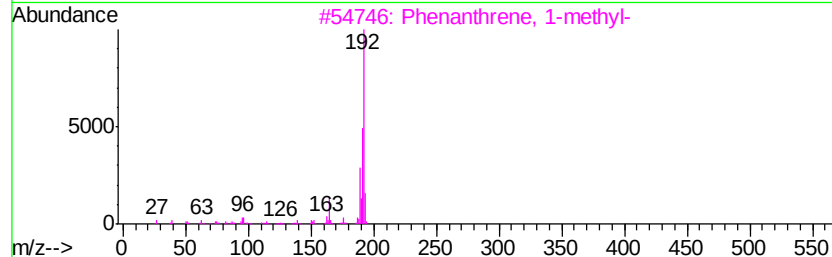
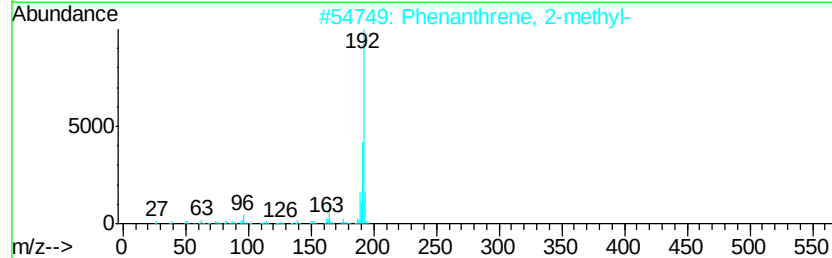
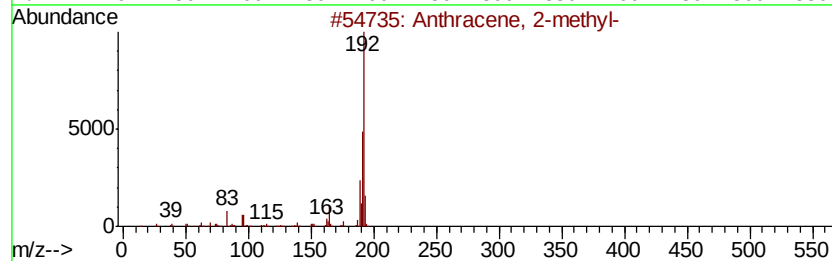
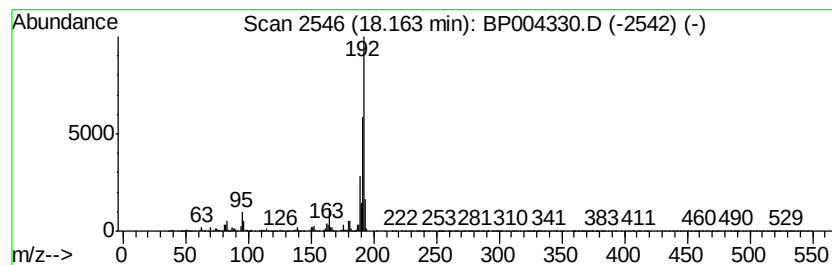
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.10 ng/ul	563949	Phenanthrene-d10	17.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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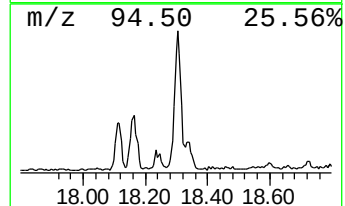
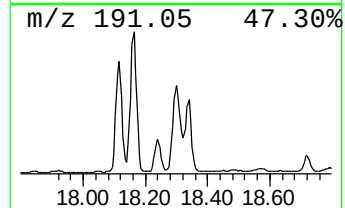
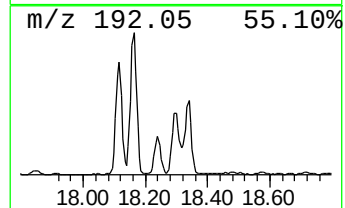
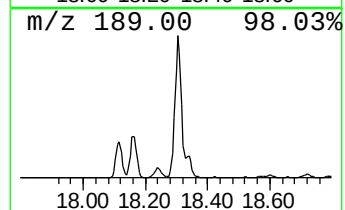
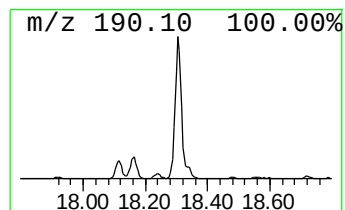
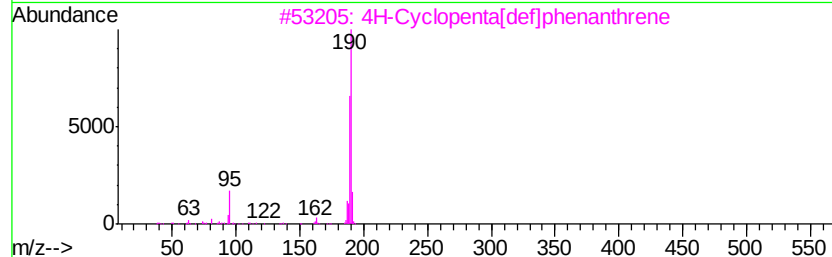
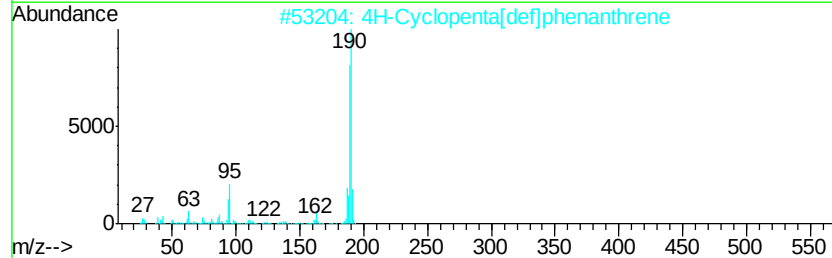
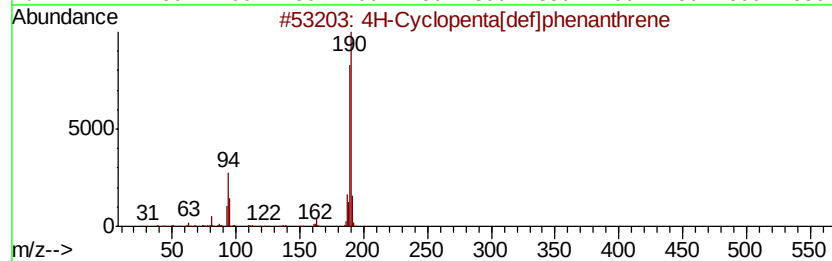
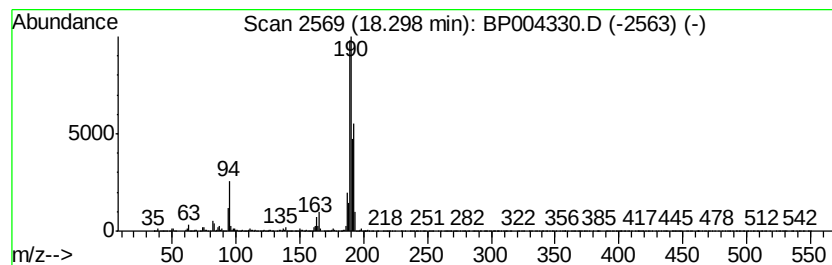
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.30	4.46 ng/ul	811332	Phenanthrene-d10		17.25		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4			6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5			Methyl diselenide	190	C2H6Se2	007101-31-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004330.D
Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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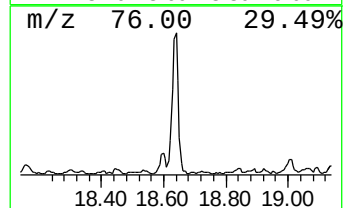
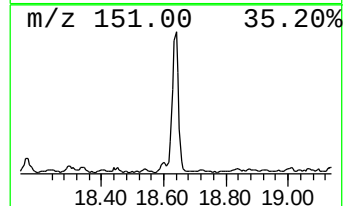
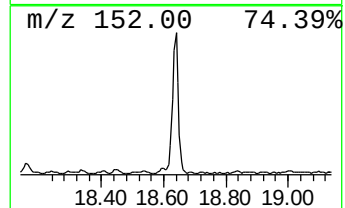
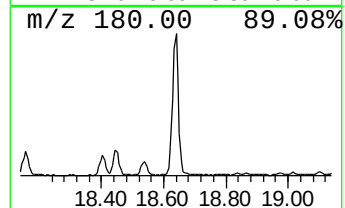
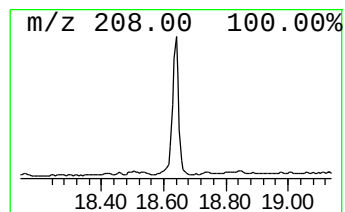
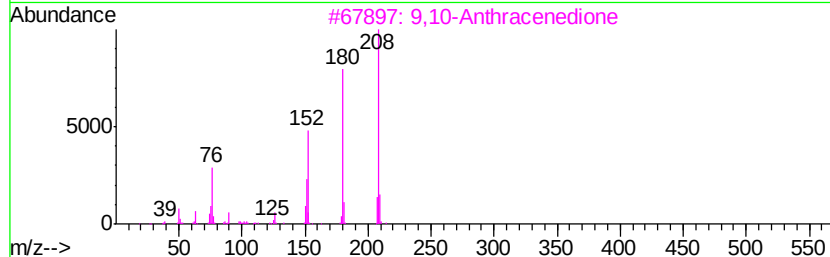
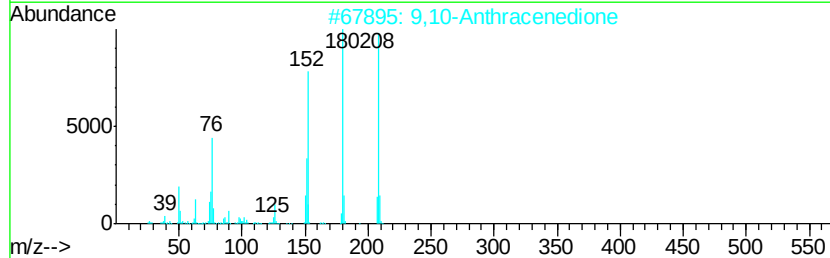
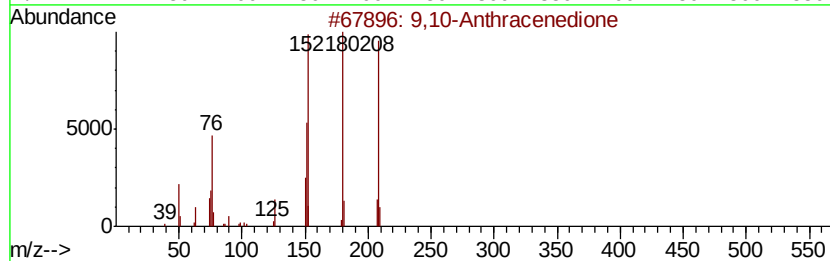
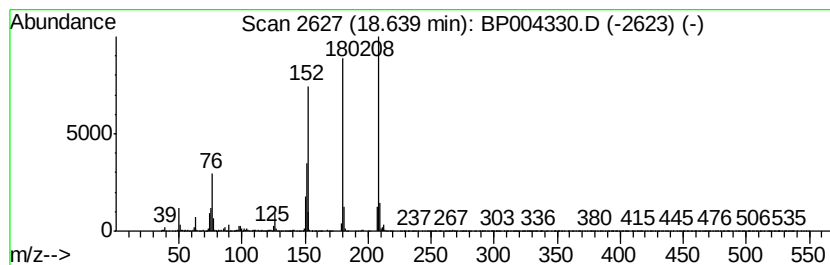
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.82 ng/ul	512437	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004330.D
Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C8DL

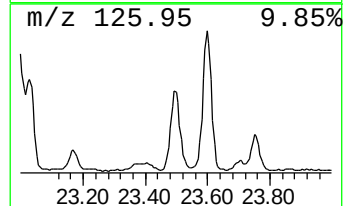
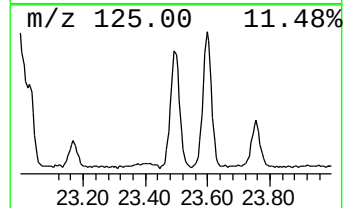
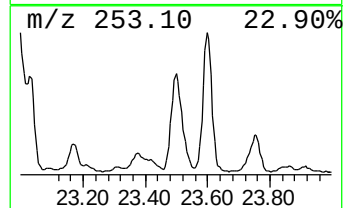
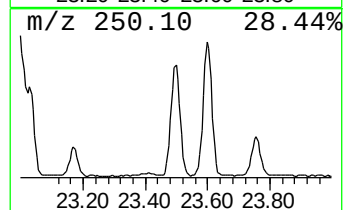
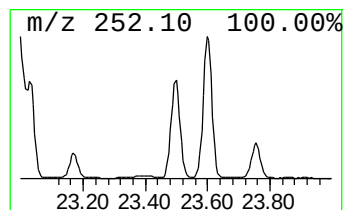
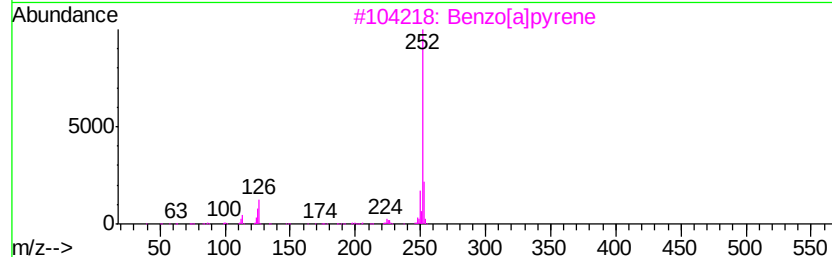
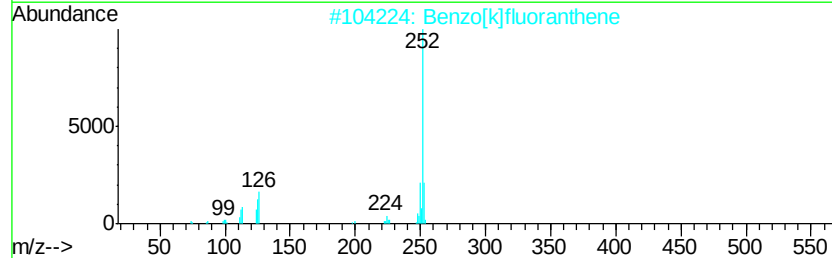
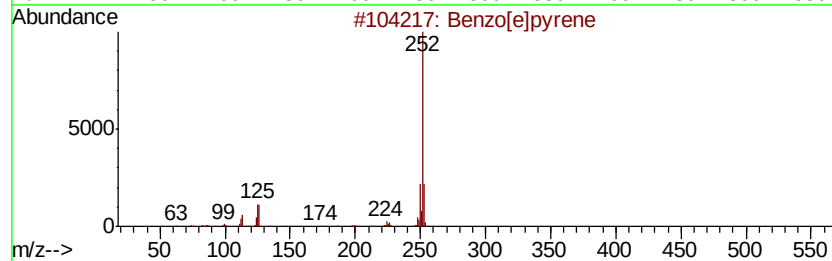
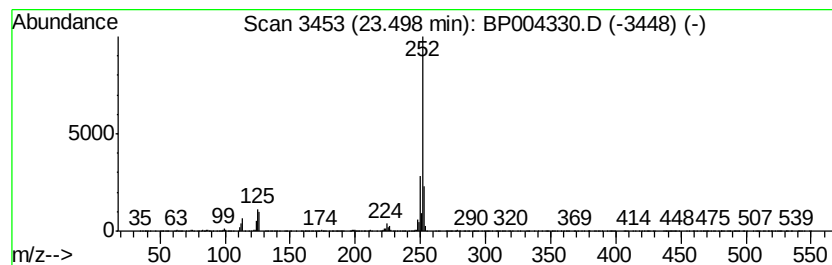
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	6.40 ng/ul	1364470	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121620\
Data File : BP004330.D
Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
Anthracene, 9-met...	18.12	2.3	ng/ul	408857	4	17.25	3637610	20.0
Anthracene, 2-met...	18.16	3.1	ng/ul	563949	4	17.25	3637610	20.0
4H-Cyclopenta[def...	18.30	4.5	ng/ul	811332	4	17.25	3637610	20.0
9,10-Anthracenedione	18.64	2.8	ng/ul	512437	4	17.25	3637610	20.0
Benzo[e]pyrene	23.50	6.4	ng/ul	1364470	6	23.70	4266950	20.0