

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004290.D
 Acq On : 15 Dec 2020 00:50
 Operator : CG/JU
 Sample : L5001-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54E0

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	3.840	107	111	118	rVB	78820	120479	1.22%	0.104%
2	6.999	641	648	661	rBV2	826725	1489594	15.14%	1.283%
3	7.169	670	677	687	rBV	598971	993467	10.10%	0.856%
4	7.369	704	711	718	rBV	848229	1344286	13.66%	1.158%
5	7.434	718	722	725	rBV3	25480	36072	0.37%	0.031%
6	7.840	783	791	798	rBV	1284158	2094832	21.29%	1.804%
7	8.540	903	910	918	rBV	959137	1569835	15.95%	1.352%
8	8.993	980	987	995	rVB	774123	1294132	13.15%	1.115%
9	9.428	1056	1061	1069	rVB2	51124	82635	0.84%	0.071%
10	9.710	1102	1109	1117	rBV	604048	1048129	10.65%	0.903%
11	9.916	1137	1144	1151	rVB	159149	250885	2.55%	0.216%
12	10.251	1193	1201	1211	rBV	1083430	1763062	17.92%	1.518%
13	10.634	1258	1266	1273	rBV	1892179	3173354	32.25%	2.733%
14	10.681	1273	1274	1281	rVV2	37107	45928	0.47%	0.040%
15	10.763	1281	1288	1307	rVB	887390	1566706	15.92%	1.349%
16	12.293	1543	1548	1557	rVB	21421	39391	0.40%	0.034%
17	13.316	1717	1722	1726	rVV4	33326	49034	0.50%	0.042%
18	13.657	1768	1780	1786	rBV8	12421	36817	0.37%	0.032%
19	13.804	1800	1805	1809	rBV	22784	36961	0.38%	0.032%
20	13.887	1809	1819	1824	rVV	1771732	2528757	25.70%	2.178%
21	13.934	1824	1827	1832	rVV	348024	464791	4.72%	0.400%
22	14.175	1857	1868	1885	rBV	2265722	3646175	37.06%	3.140%
23	14.486	1912	1921	1927	rVV	2755633	4286029	43.56%	3.691%
24	14.545	1927	1931	1939	rVV	121508	193250	1.96%	0.166%
25	14.675	1947	1953	1962	rBV	700770	1068420	10.86%	0.920%
26	14.745	1962	1965	1969	rVV5	32373	55410	0.56%	0.048%
27	14.886	1984	1989	1997	rVV	67950	118166	1.20%	0.102%
28	15.104	2020	2026	2031	rBV3	20811	52815	0.54%	0.045%
29	15.281	2049	2056	2059	rBV5	23911	49158	0.50%	0.042%
30	15.351	2064	2068	2072	rBV3	25624	37337	0.38%	0.032%
31	15.481	2083	2090	2096	rBV	2873239	4112405	41.80%	3.542%
32	15.539	2096	2100	2106	rVB	122785	172125	1.75%	0.148%
33	15.604	2106	2111	2118	rBV	273175	395468	4.02%	0.341%
34	15.722	2124	2131	2134	rBV2	29834	73916	0.75%	0.064%

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35	15.833	2146	2150	2159	rVB	51009	98740	1.00%	0.085%
36	15.981	2171	2175	2183	rVV	45097	101568	1.03%	0.087%
37	16.069	2184	2190	2198	rVB4	17322	45766	0.47%	0.039%
38	16.216	2211	2215	2221	rVB6	48894	82911	0.84%	0.071%
39	16.545	2269	2271	2276	rVB4	39441	55527	0.56%	0.048%
40	16.592	2276	2279	2285	rBV3	35108	50609	0.51%	0.044%
41	16.698	2294	2297	2302	rVB4	26317	35286	0.36%	0.030%
42	16.775	2307	2310	2314	rVV2	35578	53287	0.54%	0.046%
43	16.816	2314	2317	2321	rVB3	42647	55991	0.57%	0.048%
44	16.898	2326	2331	2337	rVB2	82219	135726	1.38%	0.117%
45	16.975	2340	2344	2346	rBV3	38760	57795	0.59%	0.050%
46	17.063	2354	2359	2365	rVB	114370	166588	1.69%	0.143%
47	17.122	2365	2369	2372	rVB	45834	50330	0.51%	0.043%
48	17.245	2383	2390	2394	rBV	3390144	5098120	51.81%	4.391%
49	17.286	2394	2397	2402	rVV	2270281	2959174	30.07%	2.549%
50	17.345	2402	2407	2411	rVV	2983012	4641294	47.17%	3.997%
51	17.375	2411	2412	2417	rVV	592834	619591	6.30%	0.534%
52	17.428	2417	2421	2428	rVB3	81955	150720	1.53%	0.130%
53	17.486	2428	2431	2435	rBV3	36338	59308	0.60%	0.051%
54	17.645	2450	2458	2463	rBV2	166951	310037	3.15%	0.267%
55	17.763	2474	2478	2482	rVB2	73606	107567	1.09%	0.093%
56	17.828	2485	2489	2491	rBV	149593	217765	2.21%	0.188%
57	17.963	2509	2512	2519	rVB3	70433	123805	1.26%	0.107%
58	18.033	2522	2524	2528	rVB2	37152	45294	0.46%	0.039%
59	18.116	2534	2538	2542	rBV	317674	507772	5.16%	0.437%
60	18.163	2542	2546	2552	rVB	498412	713862	7.26%	0.615%
61	18.239	2555	2559	2564	rBV	176141	248056	2.52%	0.214%
62	18.304	2564	2570	2574	rBV2	752251	1276459	12.97%	1.099%
63	18.339	2574	2576	2583	rVB	279016	369074	3.75%	0.318%
64	18.404	2584	2587	2592	rBV5	57203	100623	1.02%	0.087%
65	18.598	2613	2620	2623	rBV	336990	540783	5.50%	0.466%
66	18.633	2623	2626	2631	rVB2	213020	298493	3.03%	0.257%
67	18.716	2637	2640	2643	rBV2	73444	97088	0.99%	0.084%
68	18.745	2643	2645	2650	rVB5	69078	79424	0.81%	0.068%
69	18.839	2658	2661	2665	rVB	122561	134084	1.36%	0.115%
70	18.886	2666	2669	2672	rVB	79914	90192	0.92%	0.078%
71	19.004	2684	2689	2693	rBV	289687	463293	4.71%	0.399%

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72	19.051	2693	2697	2698	rVV4	165318	220304	2.24%	0.190%
73	19.098	2702	2705	2708	rVV2	191183	229626	2.33%	0.198%
74	19.139	2708	2712	2719	rVB	360849	565128	5.74%	0.487%
75	19.257	2727	2732	2738	rVB	5199799	6838838	69.50%	5.890%
76	19.404	2753	2757	2761	rBV	175019	229157	2.33%	0.197%
77	19.586	2782	2788	2790	rBV2	4712651	6693843	68.03%	5.765%
78	19.616	2790	2793	2800	rVV	4943848	6428796	65.34%	5.537%
79	19.680	2801	2804	2810	rVB3	203897	309864	3.15%	0.267%
80	19.786	2819	2822	2827	rVB	188763	207368	2.11%	0.179%
81	19.845	2829	2832	2837	rVB	210487	281400	2.86%	0.242%
82	19.927	2841	2846	2847	rBV2	316599	451311	4.59%	0.389%
83	20.092	2865	2874	2879	rBV	622771	1182396	12.02%	1.018%
84	20.192	2888	2891	2895	rVB2	337005	385621	3.92%	0.332%
85	20.251	2897	2901	2904	rVB2	424996	566057	5.75%	0.488%
86	20.386	2921	2924	2927	rBV	316918	368184	3.74%	0.317%
87	20.433	2929	2932	2935	rVB	303441	378454	3.85%	0.326%
88	20.827	2996	2999	3005	rVB	436865	602112	6.12%	0.519%
89	21.027	3030	3033	3035	rBV	366449	455498	4.63%	0.392%
90	21.057	3035	3038	3044	rVV3	495450	1067134	10.85%	0.919%
91	21.116	3045	3048	3054	rVB2	380507	526171	5.35%	0.453%
92	21.251	3068	3071	3075	rVB	399461	431012	4.38%	0.371%
93	21.333	3079	3085	3089	rVV2	5103860	9839379	100.00%	8.474%
94	21.374	3089	3092	3101	rVB	2479517	3300146	33.54%	2.842%
95	21.492	3109	3112	3117	rBV	482805	666626	6.78%	0.574%
96	22.986	3361	3366	3371	rBV	1914192	4168505	42.37%	3.590%
97	23.498	3448	3453	3457	rBV	1035619	1980265	20.13%	1.706%
98	23.551	3457	3462	3466	rVV	2331383	4423312	44.96%	3.810%
99	23.598	3466	3470	3479	rVB	2045296	3895594	39.59%	3.355%
100	23.704	3482	3488	3493	rBV	2517244	4883839	49.64%	4.206%

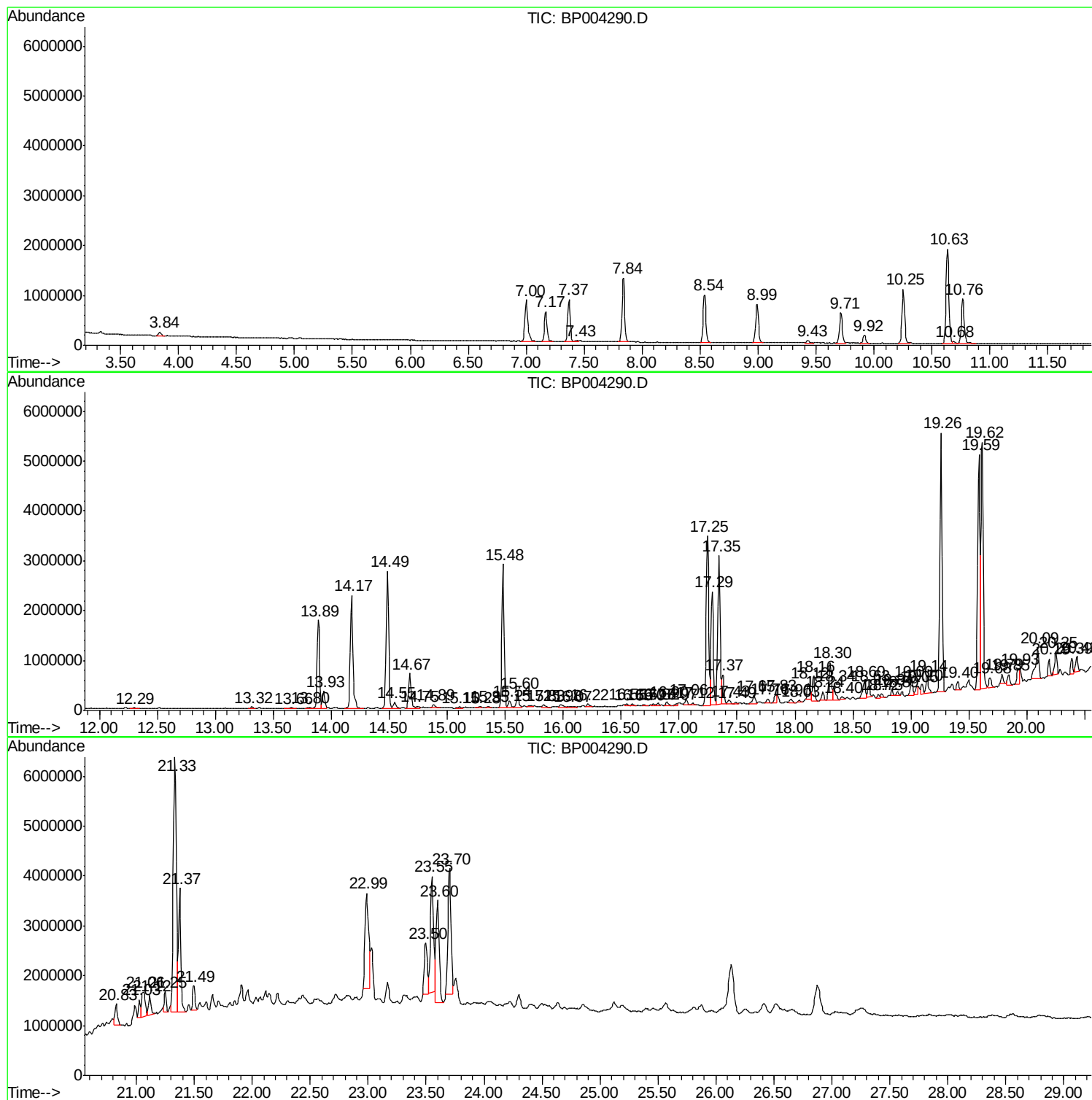
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



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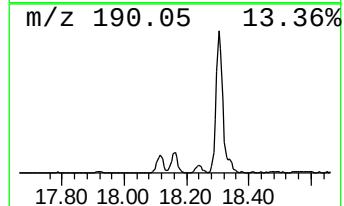
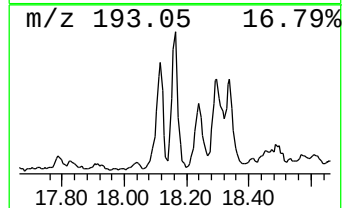
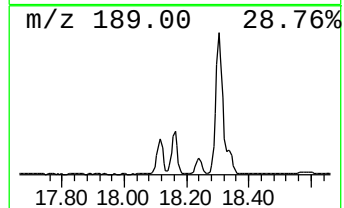
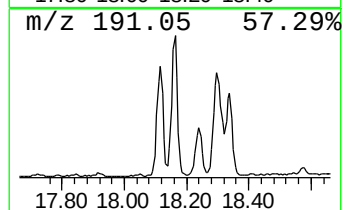
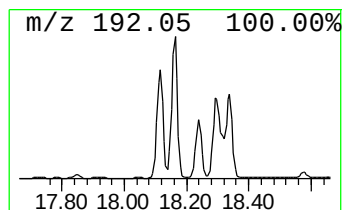
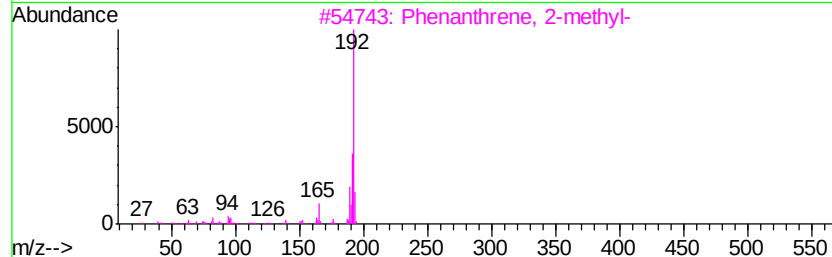
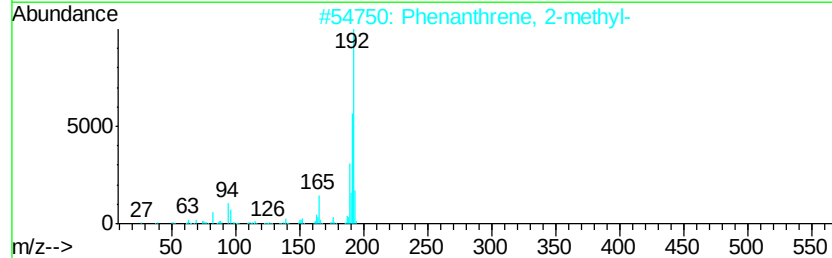
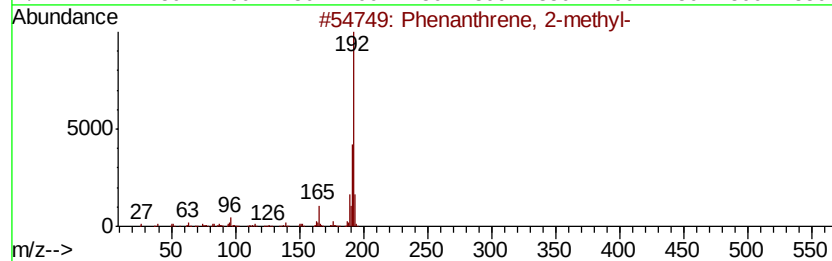
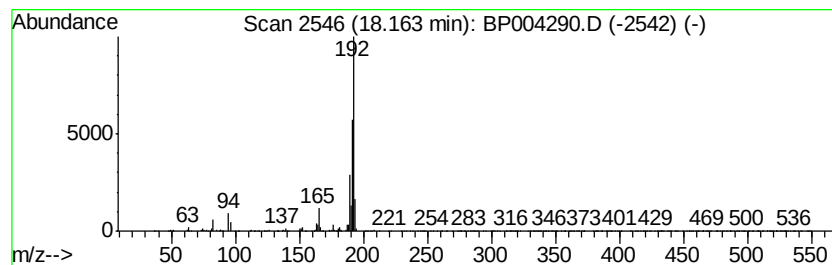
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.16	2.80 ng/ul	713862	Phenanthrene-d10	17.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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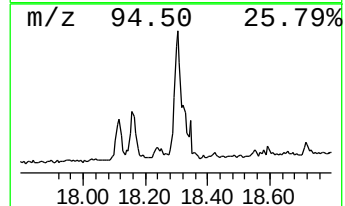
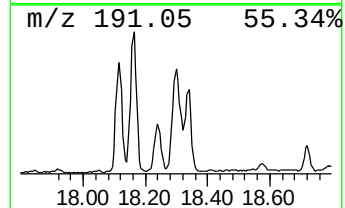
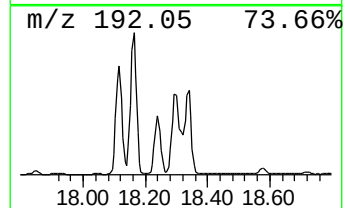
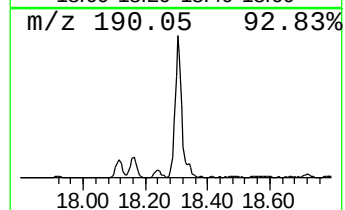
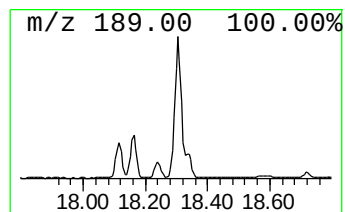
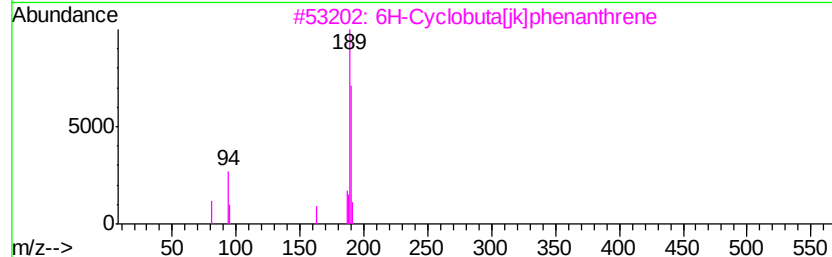
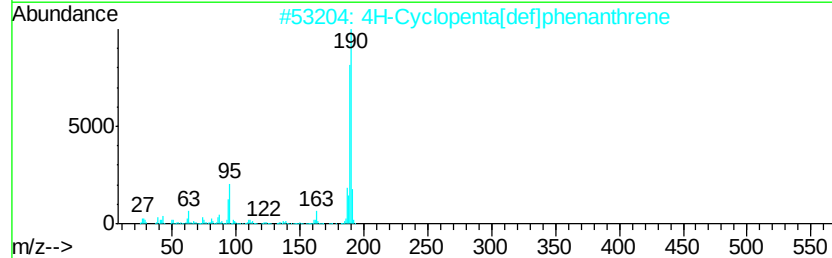
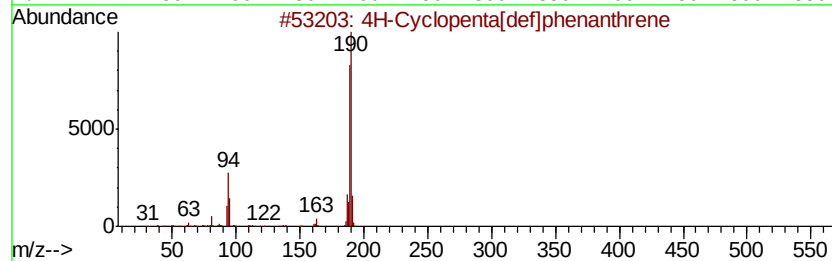
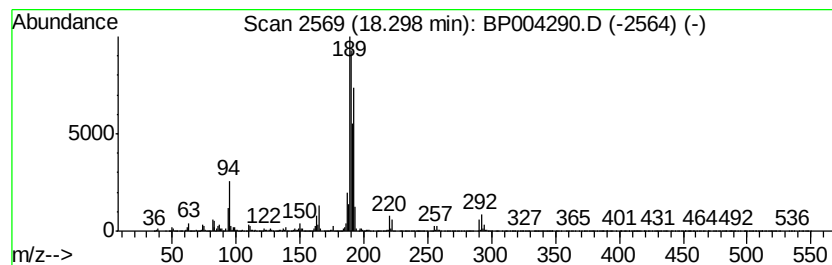
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.30	5.01 ng/ul	1276460	Phenanthrene-d10	17.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



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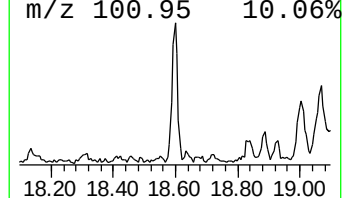
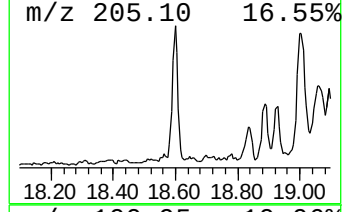
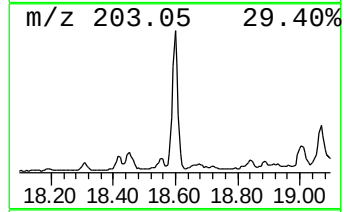
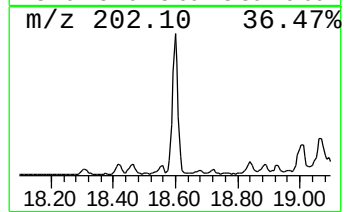
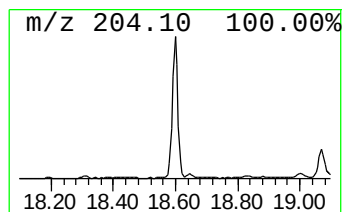
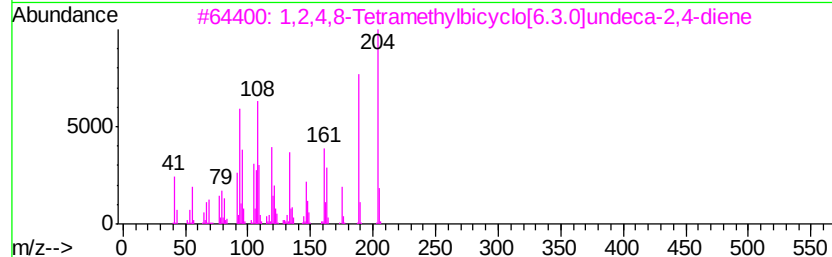
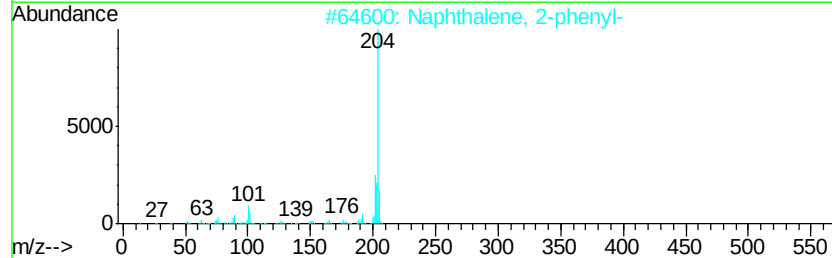
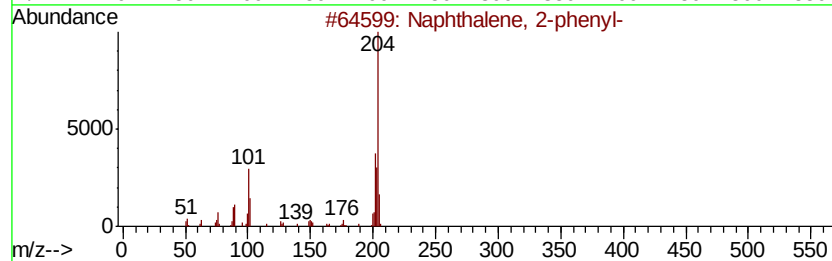
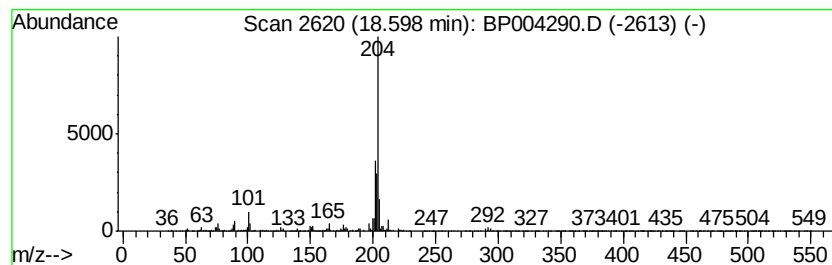
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Peak Number 3 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.12 ng/ul	540783	Phenanthrene-d10	17.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 93
2		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 89
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204 C15H24	137235-51-9 87
4		6-Phenylbenzocyclohepten-7-one	232 C17H12O	093327-56-1 86
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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Acq On : 15 Dec 2020 00:50
Operator : CG/JU
Sample : L5001-22
Misc :
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Instrument :
BNA_P
ClientSampleId :
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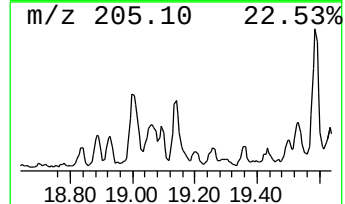
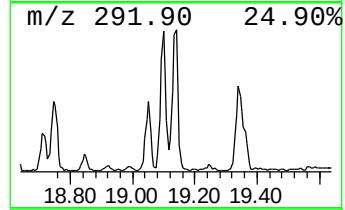
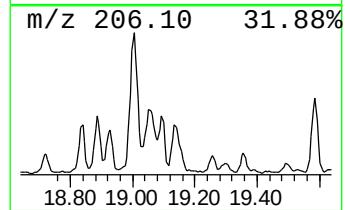
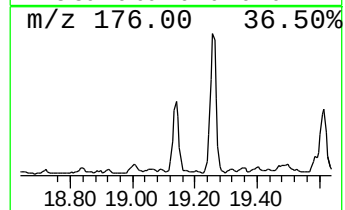
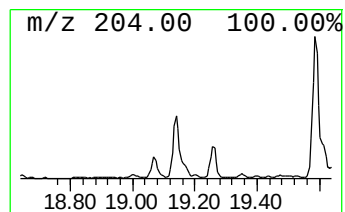
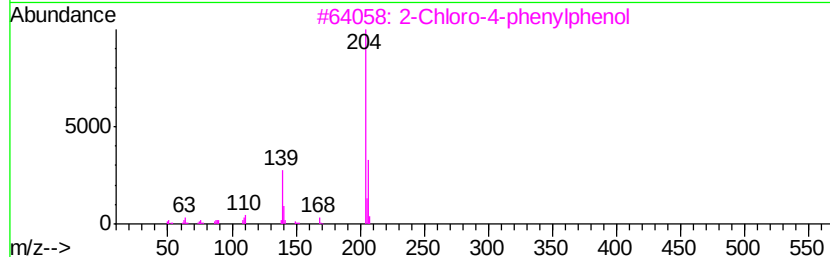
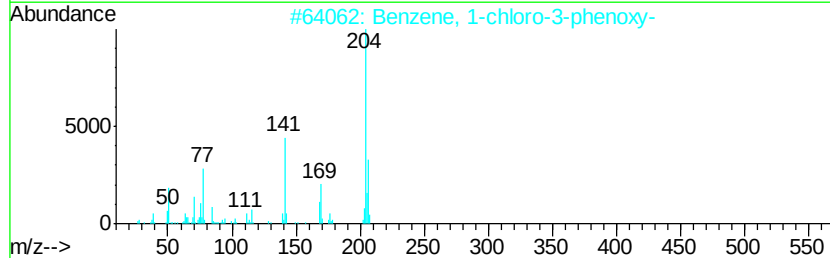
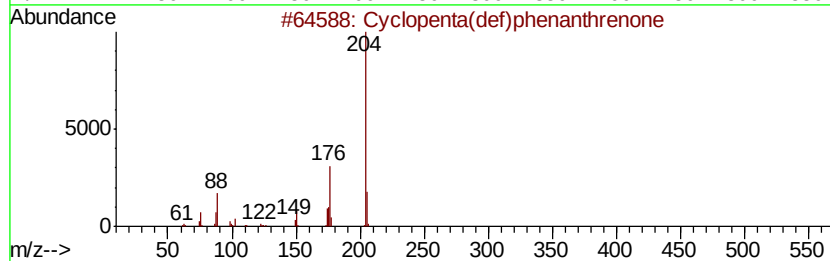
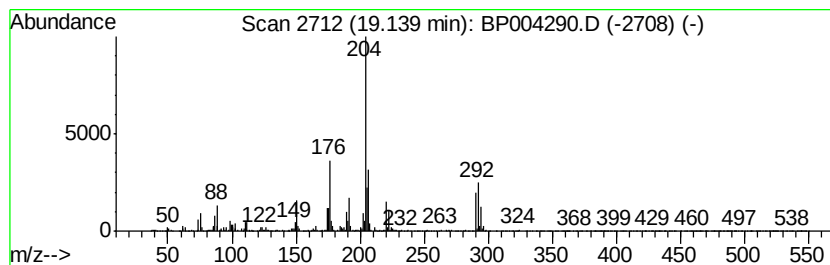
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.22 ng/ul	565128	Phenanthrene-d10	17.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
3		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004290.D
Acq On : 15 Dec 2020 00:50
Operator : CG/JU
Sample : L5001-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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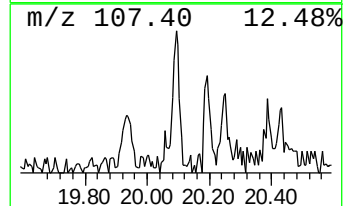
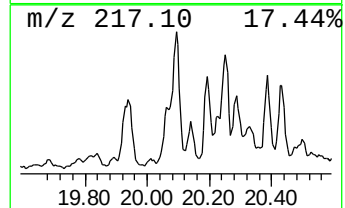
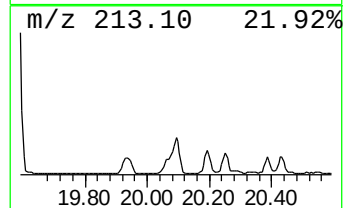
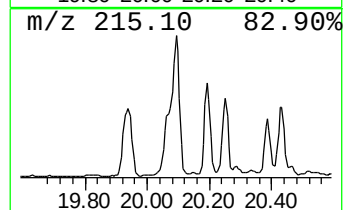
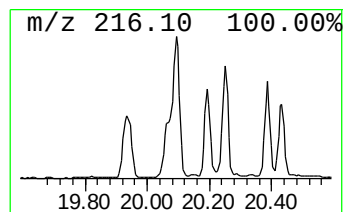
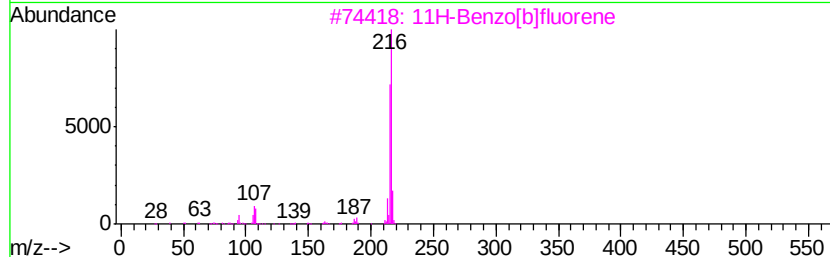
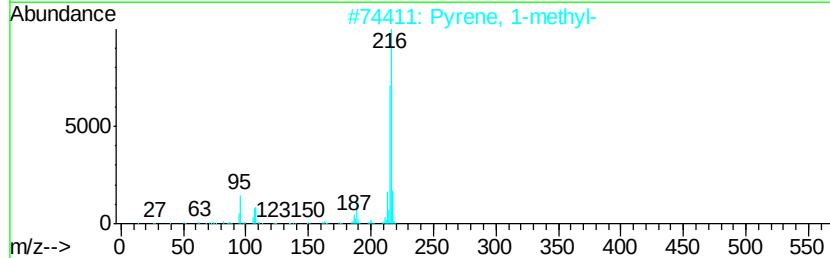
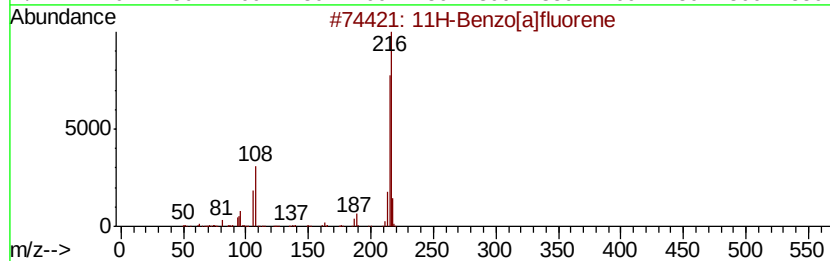
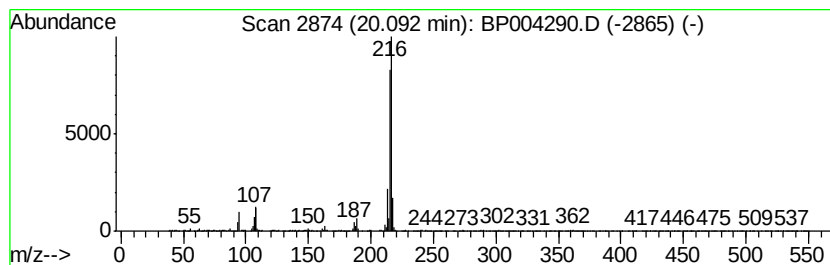
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.40 ng/ul	1182400	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004290.D
Acq On : 15 Dec 2020 00:50
Operator : CG/JU
Sample : L5001-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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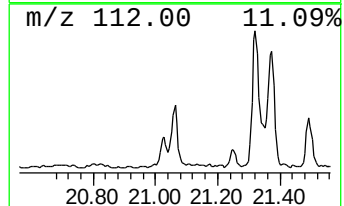
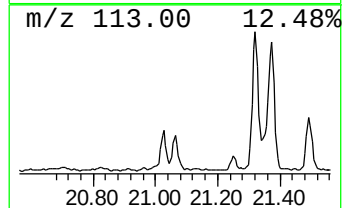
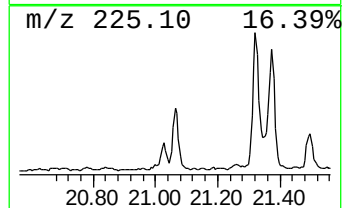
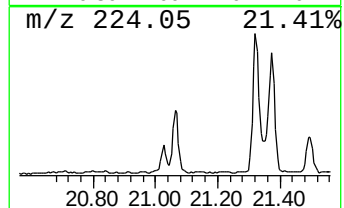
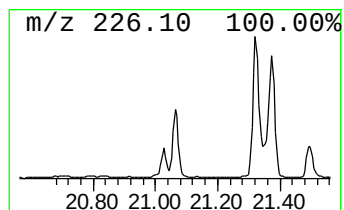
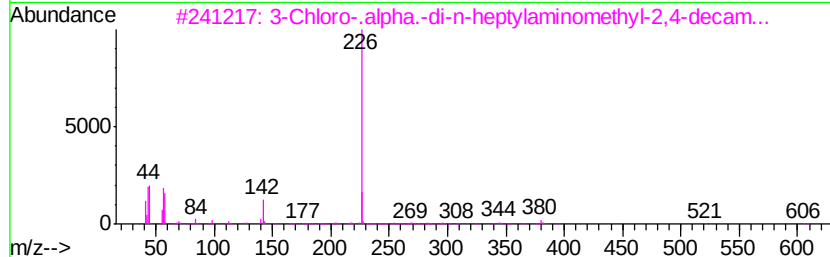
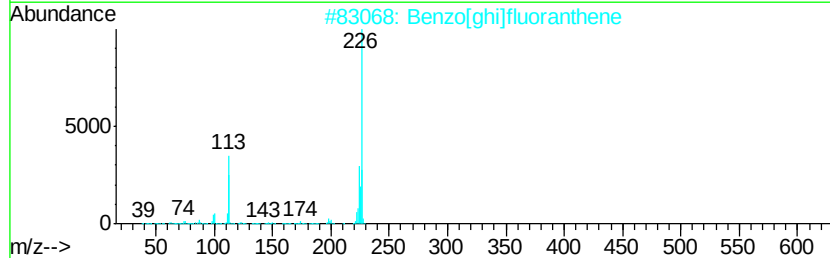
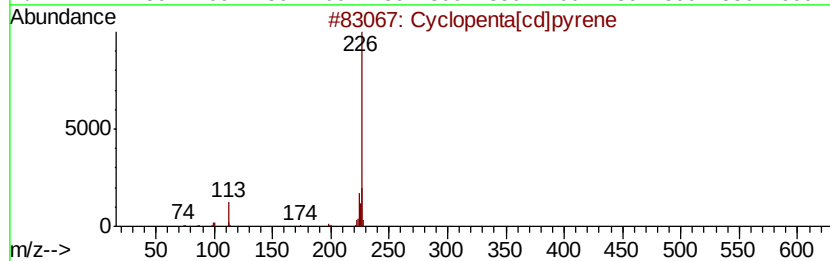
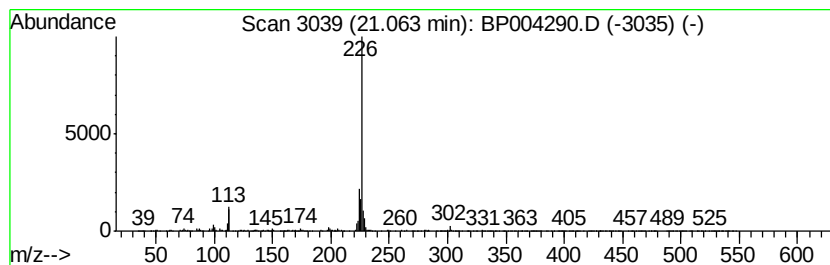
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.17 ng/ul	1067130	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
3		3-Chloro-.alpha.-di-n-heptylamin...	606	C39H59ClN2O	1000251-74-9	23
4		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	10
5		Anthralin	226	C14H10O3	001143-38-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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Operator : CG/JU
Sample : L5001-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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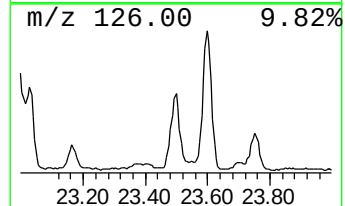
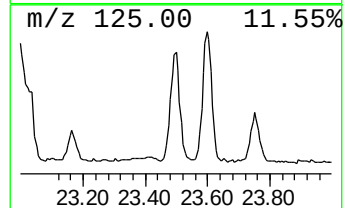
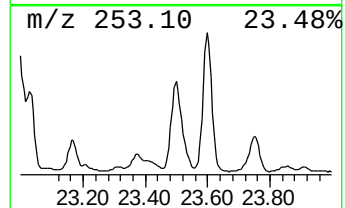
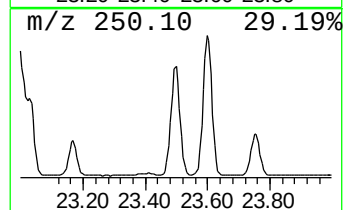
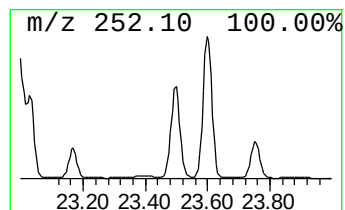
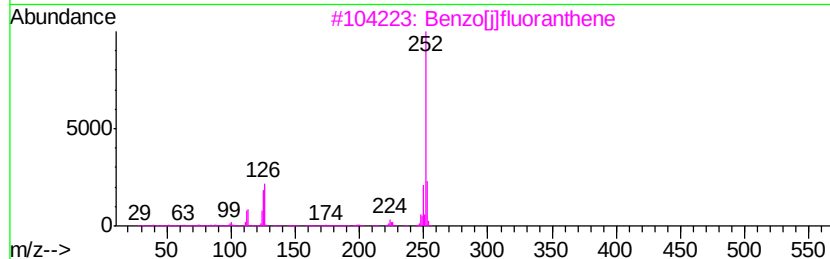
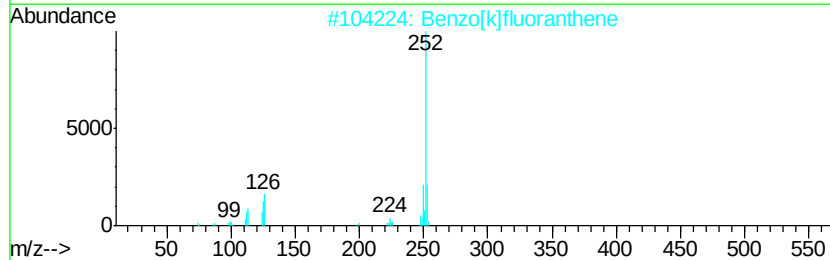
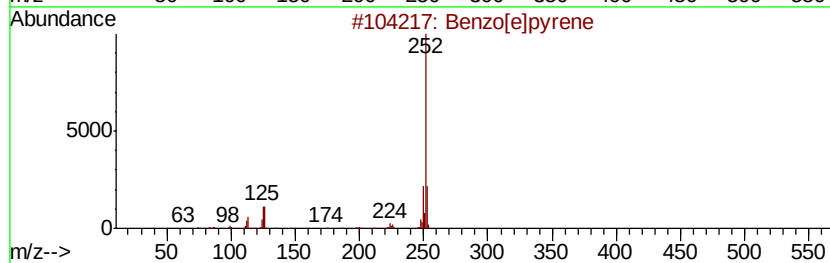
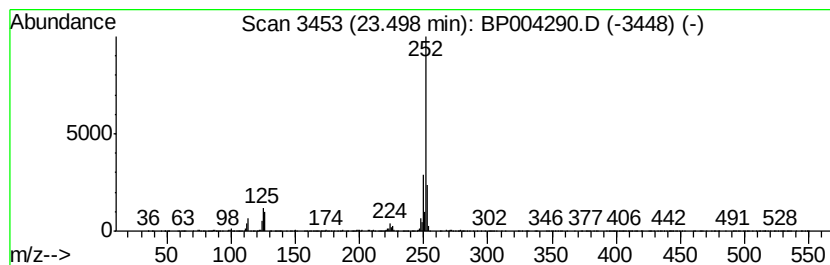
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	8.11 ng/ul	1980270	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[a]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
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Operator : CG/JU
Sample : L5001-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.16	2.8	ng/ul	713862	4	17.25	5098120	20.0
4H-Cyclopenta[def...	18.30	5.0	ng/ul	1276460	4	17.25	5098120	20.0
Naphthalene, 2-ph...	18.60	2.1	ng/ul	540783	4	17.25	5098120	20.0
Cyclopenta(def)ph...	19.14	2.2	ng/ul	565128	4	17.25	5098120	20.0
11H-Benzo[a]fluorene	20.09	2.4	ng/ul	1182400	5	21.34	9839380	20.0
Cyclopenta[cd]pyrene	21.06	2.2	ng/ul	1067130	5	21.34	9839380	20.0
Benzo[e]pyrene	23.50	8.1	ng/ul	1980270	6	23.70	4883840	20.0