

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004298.D
 Acq On : 15 Dec 2020 11:39
 Operator : CG/JU
 Sample : L5001-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A8

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	7.005	643	649	661	rVB2	536016	1023974	13.39%	1.232%
2	7.175	672	678	692	rVB	434349	691363	9.04%	0.832%
3	7.375	706	712	719	rBV	556148	891645	11.66%	1.073%
4	7.440	720	723	727	rBV2	25285	37749	0.49%	0.045%
5	7.846	785	792	800	rVB	1236536	1954588	25.57%	2.353%
6	8.546	904	911	919	rBV	656793	1053476	13.78%	1.268%
7	8.999	981	988	996	rVB	532569	883921	11.56%	1.064%
8	9.722	1104	1111	1122	rVB	402230	667458	8.73%	0.803%
9	10.263	1195	1203	1210	rBV	667403	1142073	14.94%	1.375%
10	10.640	1259	1267	1274	rBV	1759376	3007244	39.33%	3.620%
11	10.693	1274	1276	1281	rVV2	29895	40371	0.53%	0.049%
12	10.775	1283	1290	1311	rVB	579211	1041601	13.62%	1.254%
13	12.310	1544	1551	1557	rVB	21458	39085	0.51%	0.047%
14	12.522	1582	1587	1593	rVB	19446	31974	0.42%	0.038%
15	13.651	1774	1779	1789	rVB7	12561	31405	0.41%	0.038%
16	13.810	1800	1806	1811	rBV2	26898	47096	0.62%	0.057%
17	13.898	1811	1821	1825	rVV	1103357	1646946	21.54%	1.982%
18	13.940	1825	1828	1834	rVB	176252	249089	3.26%	0.300%
19	14.181	1858	1869	1881	rBV	1502065	2302945	30.12%	2.772%
20	14.492	1911	1922	1928	rBV	2777320	4055817	53.05%	4.882%
21	14.551	1928	1932	1939	rVB	124813	197670	2.59%	0.238%
22	14.687	1948	1955	1968	rBV	349261	561532	7.34%	0.676%
23	14.892	1985	1990	1998	rVB	61961	102154	1.34%	0.123%
24	15.122	2020	2029	2033	rBV7	17447	40258	0.53%	0.048%
25	15.286	2050	2057	2060	rBV7	17323	36644	0.48%	0.044%
26	15.486	2082	2091	2097	rVV	1822540	2764333	36.16%	3.327%
27	15.545	2097	2101	2106	rVV	128449	187573	2.45%	0.226%
28	15.610	2107	2112	2119	rVV	167695	279717	3.66%	0.337%
29	15.669	2119	2122	2125	rVV2	35412	50573	0.66%	0.061%
30	15.710	2125	2129	2135	rVV5	30698	79060	1.03%	0.095%
31	15.839	2147	2151	2160	rVB2	37275	70999	0.93%	0.085%
32	15.986	2172	2176	2184	rVB3	28698	61209	0.80%	0.074%
33	16.186	2198	2210	2213	rBV	53640	95457	1.25%	0.115%
34	16.222	2213	2216	2223	rVV6	40942	75564	0.99%	0.091%

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35	16.557	2270	2273	2277	rVV3	32677	46853	0.61%	0.056%
36	16.604	2277	2281	2287	rVV4	26366	37197	0.49%	0.045%
37	16.904	2327	2332	2339	rVB	76530	129923	1.70%	0.156%
38	17.004	2341	2349	2356	rBV6	39962	130786	1.71%	0.157%
39	17.069	2356	2360	2365	rVB	96245	133326	1.74%	0.160%
40	17.251	2385	2391	2395	rBV	3184822	4655792	60.90%	5.604%
41	17.292	2395	2398	2403	rVV	1686289	2359818	30.87%	2.840%
42	17.351	2403	2408	2412	rVV2	1910158	2897096	37.89%	3.487%
43	17.386	2412	2414	2420	rVV	343357	401126	5.25%	0.483%
44	17.445	2420	2424	2429	rVB4	36826	57012	0.75%	0.069%
45	17.569	2442	2445	2450	rVB	24565	33517	0.44%	0.040%
46	17.657	2450	2460	2465	rBV2	139883	276025	3.61%	0.332%
47	17.775	2476	2480	2484	rBV2	39531	54835	0.72%	0.066%
48	17.833	2486	2490	2494	rVV	73341	91961	1.20%	0.111%
49	17.975	2510	2514	2522	rVB	46983	83643	1.09%	0.101%
50	18.045	2522	2526	2530	rBV2	35289	53136	0.70%	0.064%
51	18.122	2534	2539	2543	rVV	300251	457508	5.98%	0.551%
52	18.169	2543	2547	2552	rVV	414695	562656	7.36%	0.677%
53	18.251	2556	2561	2565	rVV	110608	153050	2.00%	0.184%
54	18.310	2565	2571	2575	rVV2	400038	756182	9.89%	0.910%
55	18.345	2575	2577	2584	rVB	235063	293592	3.84%	0.353%
56	18.427	2585	2591	2593	rBV4	26620	51313	0.67%	0.062%
57	18.457	2594	2596	2601	rVV4	33220	46514	0.61%	0.056%
58	18.510	2601	2605	2608	rVV3	26921	39467	0.52%	0.048%
59	18.610	2617	2622	2625	rBV	197860	267363	3.50%	0.322%
60	18.645	2625	2628	2639	rVB2	196359	298011	3.90%	0.359%
61	18.727	2639	2642	2648	rBV	41681	67847	0.89%	0.082%
62	18.845	2659	2662	2667	rVV	97334	139171	1.82%	0.168%
63	18.892	2667	2670	2674	rVV2	82201	118939	1.56%	0.143%
64	18.933	2674	2677	2681	rVB	62343	76124	1.00%	0.092%
65	19.016	2686	2691	2695	rBV	207082	324613	4.25%	0.391%
66	19.075	2695	2701	2704	rVV3	100191	219957	2.88%	0.265%
67	19.104	2704	2706	2709	rVB	64714	57590	0.75%	0.069%
68	19.151	2709	2714	2721	rBV4	154904	292792	3.83%	0.352%
69	19.269	2729	2734	2740	rVB	2798854	3555768	46.51%	4.280%
70	19.333	2741	2745	2747	rBV	55338	67670	0.89%	0.081%
71	19.363	2747	2750	2755	rVB2	70254	93082	1.22%	0.112%

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72	19.504	2771	2774	2778	rVB	70179	85013	1.11%	0.102%
73	19.592	2783	2789	2792	rBV	2985146	4619230	60.42%	5.560%
74	19.622	2792	2794	2802	rVV	2809222	3116113	40.76%	3.751%
75	19.692	2802	2806	2813	rVB2	125705	204153	2.67%	0.246%
76	19.792	2820	2823	2829	rVB	96747	134148	1.75%	0.161%
77	19.851	2830	2833	2838	rVB2	108458	153228	2.00%	0.184%
78	19.939	2842	2848	2854	rBV4	200169	492142	6.44%	0.592%
79	20.104	2866	2876	2881	rBV	391315	831220	10.87%	1.000%
80	20.204	2889	2893	2897	rBV2	231760	287690	3.76%	0.346%
81	20.257	2897	2902	2906	rVV2	307058	461714	6.04%	0.556%
82	20.298	2906	2909	2912	rVB	93257	111899	1.46%	0.135%
83	20.398	2922	2926	2929	rBV2	229198	294896	3.86%	0.355%
84	20.439	2929	2933	2937	rVB	234583	317593	4.15%	0.382%
85	20.833	2997	3000	3007	rVB	255119	386430	5.05%	0.465%
86	20.998	3022	3028	3031	rBV3	263631	477731	6.25%	0.575%
87	21.033	3031	3034	3037	rVV	266148	382052	5.00%	0.460%
88	21.069	3037	3040	3046	rVV3	306306	634874	8.30%	0.764%
89	21.127	3046	3050	3058	rVB2	270914	445460	5.83%	0.536%
90	21.257	3069	3072	3076	rVB	287967	335965	4.39%	0.404%
91	21.345	3080	3087	3091	rVV2	4521994	7645231	100.00%	9.202%
92	21.386	3091	3094	3103	rVB	1358034	1783262	23.33%	2.146%
93	21.463	3104	3107	3110	rBV2	125295	160354	2.10%	0.193%
94	21.504	3111	3114	3120	rVV	259039	358990	4.70%	0.432%
95	21.916	3182	3184	3188	rVB2	243885	276216	3.61%	0.332%
96	22.998	3362	3368	3374	rBV	1156602	2772483	36.26%	3.337%
97	23.510	3450	3455	3459	rBV	583279	1131434	14.80%	1.362%
98	23.563	3459	3464	3468	rVV	1623980	3053079	39.93%	3.675%
99	23.610	3468	3472	3480	rVB	1155554	2131677	27.88%	2.566%
100	23.715	3483	3490	3497	rBV	2554291	5176332	67.71%	6.230%

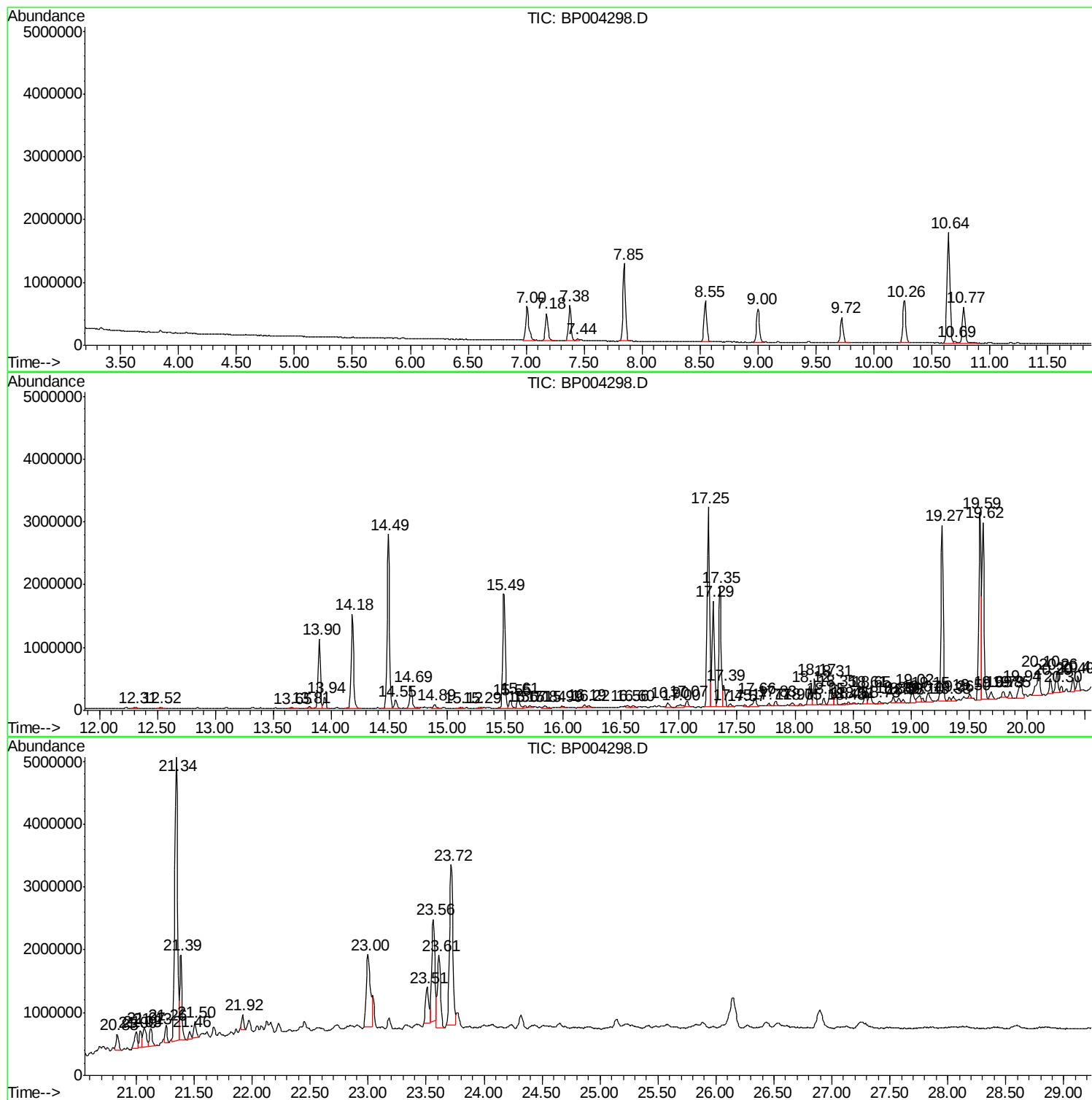
Sum of corrected areas: 83084427

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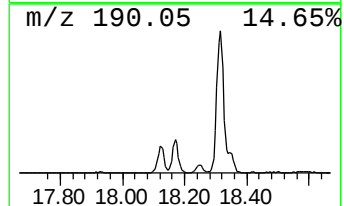
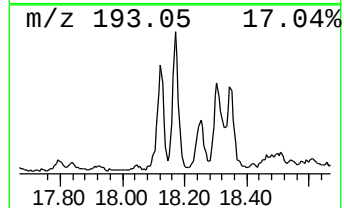
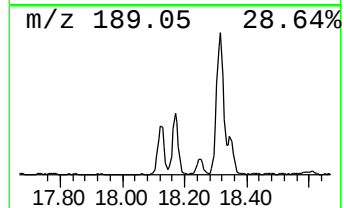
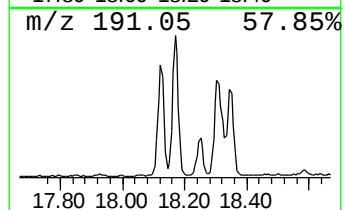
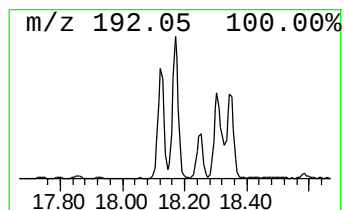
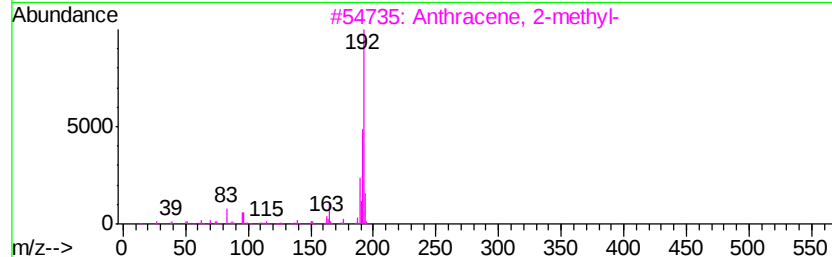
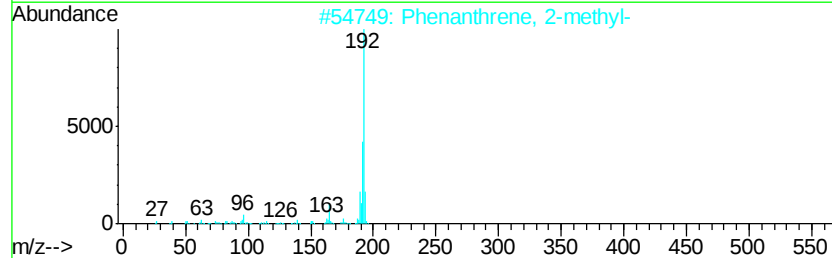
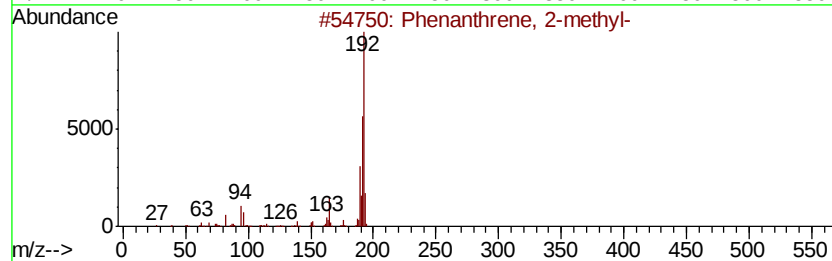
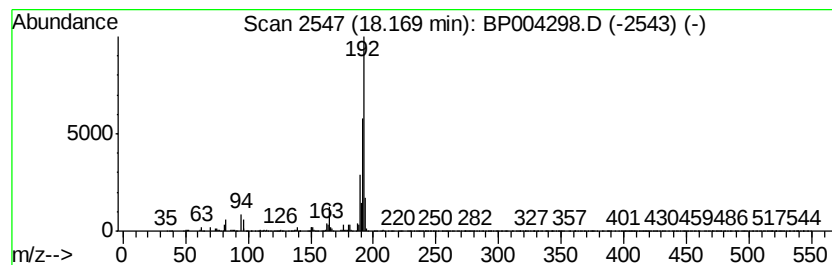
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.42 ng/ul	562656	Phenanthrene-d10	17.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



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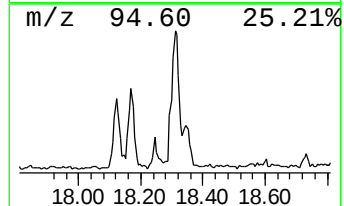
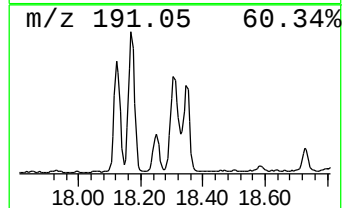
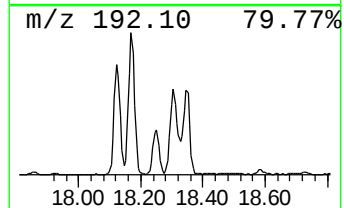
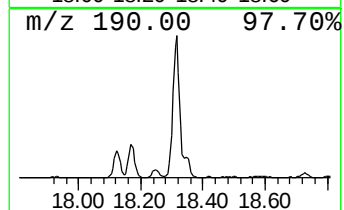
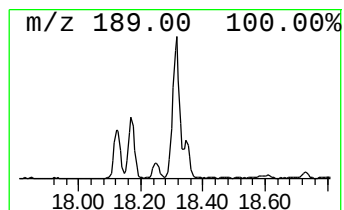
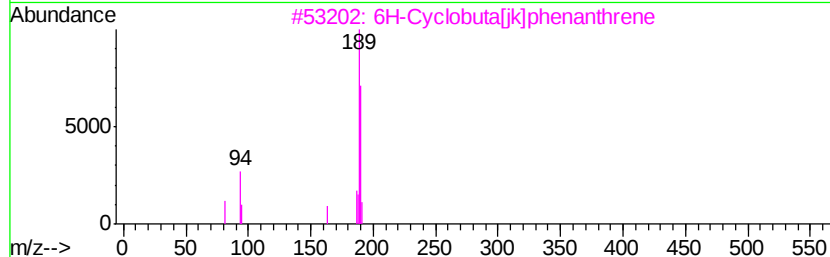
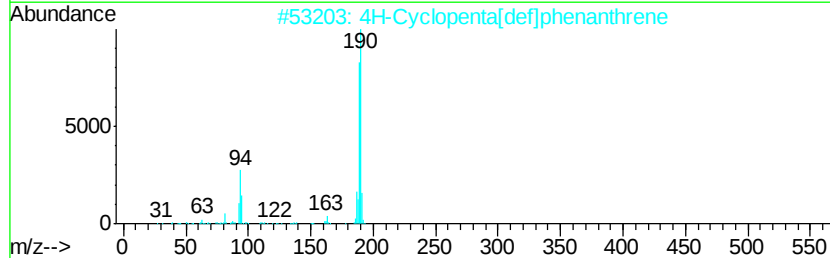
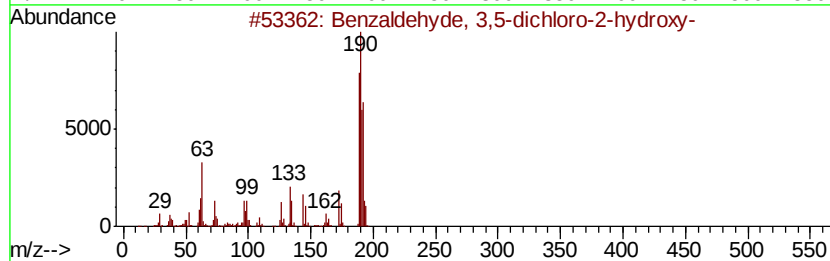
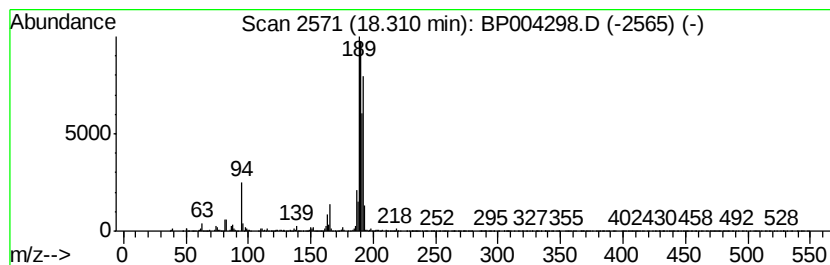
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.25 ng/ul	756182	Phenanthrene-d10	17.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



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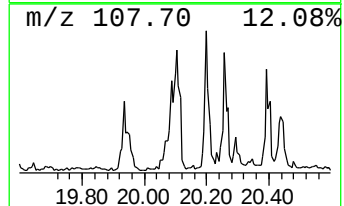
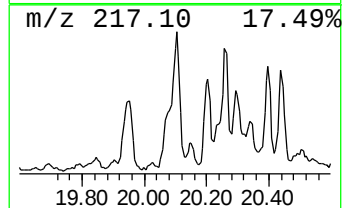
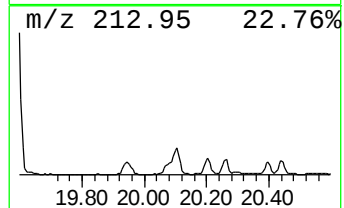
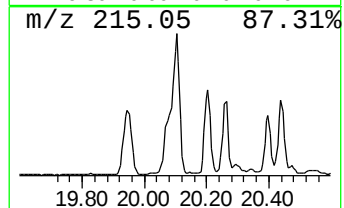
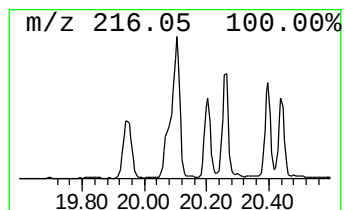
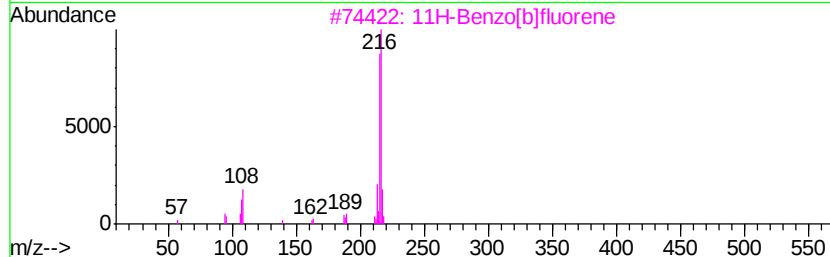
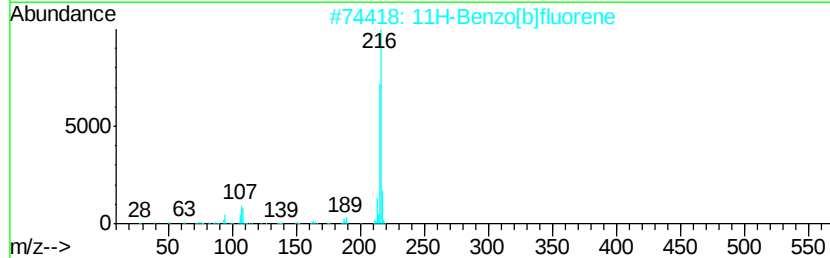
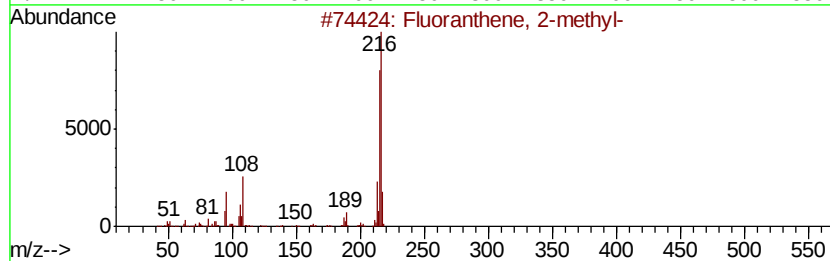
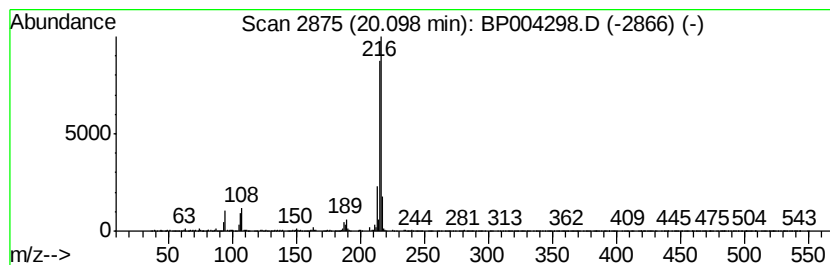
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Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.17 ng/ul	831220	Chrysene-d12	21.34

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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Acq On : 15 Dec 2020 11:39
Operator : CG/JU
Sample : L5001-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A54A8

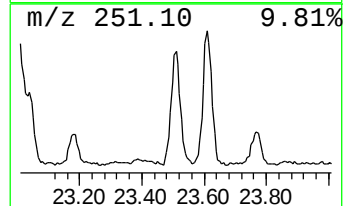
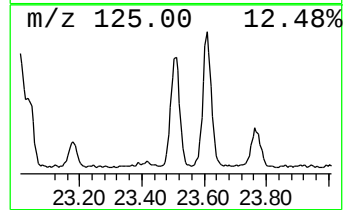
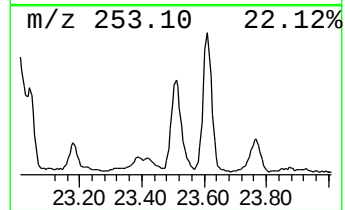
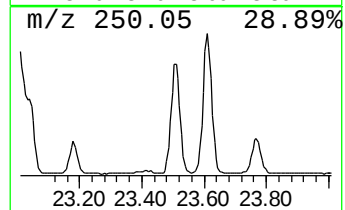
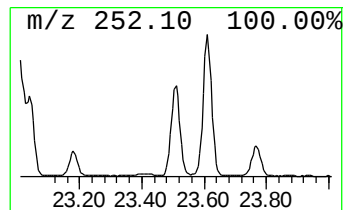
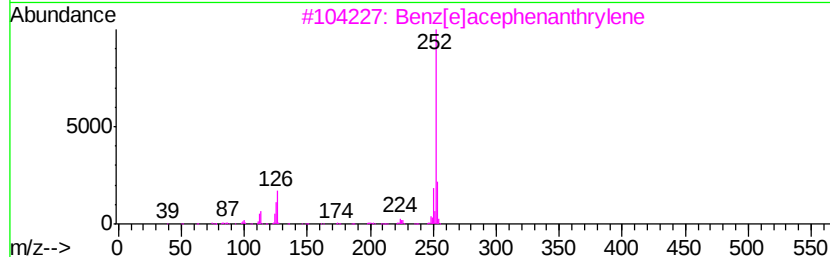
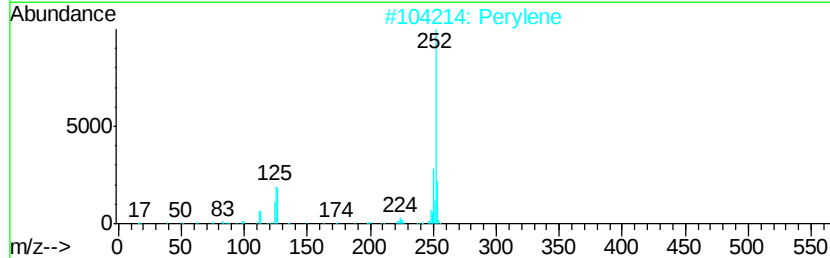
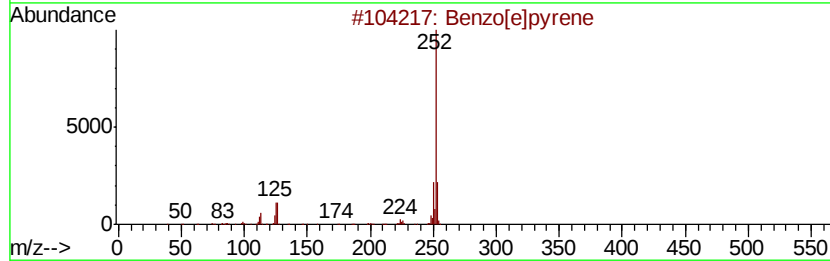
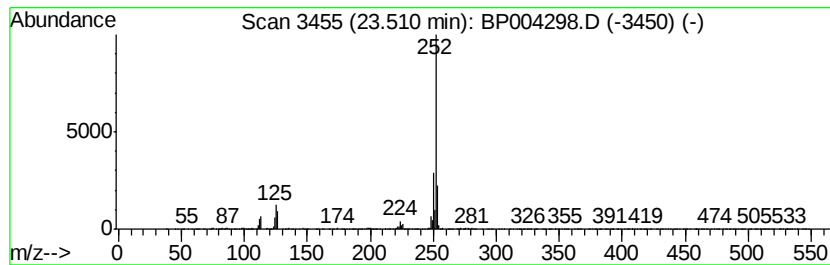
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	4.37 ng/ul	1131430	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
Data File : BP004298.D
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Operator : CG/JU
Sample : L5001-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A8

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...	18.17	2.4	ng/ul	562656	4	17.25	4655790	20.0
Benzaldehyde, 3,5...	18.31	3.3	ng/ul	756182	4	17.25	4655790	20.0
Fluoranthene, 2-m...	20.10	2.2	ng/ul	831220	5	21.34	7645230	20.0
Benzo[e]pyrene	23.51	4.4	ng/ul	1131430	6	23.72	5176330	20.0