

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004238.D
 Acq On : 11 Dec 2020 20:54
 Operator : CG/JU
 Sample : L5000-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B5

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	3.834	107	110	117	rVB	133491	181521	2.10%	0.170%
2	5.858	450	454	461	rVB2	77732	128987	1.49%	0.121%
3	6.987	640	646	656	rBV2	875379	1664224	19.23%	1.563%
4	7.164	670	676	683	rBV	715398	1164480	13.45%	1.094%
5	7.358	703	709	718	rBV	881681	1433997	16.57%	1.347%
6	7.475	724	729	736	rVB2	59298	132643	1.53%	0.125%
7	7.828	782	789	798	rBV	1504730	2475680	28.61%	2.325%
8	8.528	901	908	918	rVB	786892	1293003	14.94%	1.214%
9	8.646	923	928	935	rVV	105297	183060	2.12%	0.172%
10	8.981	979	985	992	rVV	860614	1407839	16.27%	1.322%
11	9.705	1100	1108	1115	rBV	591262	985994	11.39%	0.926%
12	10.240	1191	1199	1209	rVV	1056181	1745629	20.17%	1.639%
13	10.622	1255	1264	1270	rBV	2080787	3607609	41.68%	3.388%
14	10.675	1270	1273	1279	rVB	118522	182438	2.11%	0.171%
15	10.757	1279	1287	1293	rBV	808111	1419943	16.41%	1.334%
16	11.663	1435	1441	1448	rBV	53681	89417	1.03%	0.084%
17	12.063	1501	1509	1514	rBV	60105	95978	1.11%	0.090%
18	12.287	1541	1547	1553	rVB	178362	296490	3.43%	0.278%
19	12.510	1579	1585	1590	rVV	166856	266217	3.08%	0.250%
20	13.310	1714	1721	1727	rVB	102547	153801	1.78%	0.144%
21	13.793	1798	1803	1808	rVV	128268	218027	2.52%	0.205%
22	13.881	1808	1818	1822	rVV	1880719	2749595	31.77%	2.582%
23	13.928	1822	1826	1830	rVV	526197	725689	8.38%	0.682%
24	13.969	1830	1833	1837	rVV2	70990	94335	1.09%	0.089%
25	14.028	1837	1843	1847	rVV2	72521	133442	1.54%	0.125%
26	14.163	1856	1866	1876	rBV	2377206	3579220	41.36%	3.362%
27	14.387	1899	1904	1909	rVB	83225	109850	1.27%	0.103%
28	14.475	1909	1919	1925	rBV	3074314	4692004	54.21%	4.407%
29	14.534	1925	1929	1938	rVB3	63881	127360	1.47%	0.120%
30	14.657	1944	1950	1961	rBV	566645	909708	10.51%	0.854%
31	14.875	1982	1987	1994	rVB	113338	193618	2.24%	0.182%
32	15.098	2017	2025	2030	rBV2	56536	116774	1.35%	0.110%
33	15.269	2046	2054	2058	rBV4	71192	134624	1.56%	0.126%
34	15.345	2063	2067	2072	rVB2	78185	96077	1.11%	0.090%

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Instrument :
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 ClientSampleId :
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Integration Parameters: LSCINT.P

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

35	15.469	2081	2088	2094	rVV	2837692	4063795	46.96%	3.817%
36	15.522	2094	2097	2102	rVV3	129908	188153	2.17%	0.177%
37	15.581	2102	2107	2115	rVV	492289	703330	8.13%	0.661%
38	15.745	2132	2135	2141	rVV4	54476	86329	1.00%	0.081%
39	15.822	2141	2148	2157	rVB	98532	189028	2.18%	0.178%
40	15.969	2166	2173	2181	rVB2	92817	211443	2.44%	0.199%
41	16.057	2181	2188	2195	rVB5	40626	86763	1.00%	0.081%
42	16.210	2209	2214	2216	rBV2	111244	159358	1.84%	0.150%
43	16.234	2216	2218	2226	rVB	137908	193423	2.23%	0.182%
44	16.769	2301	2309	2313	rBV3	79559	174949	2.02%	0.164%
45	16.881	2323	2328	2336	rVB2	106837	190748	2.20%	0.179%
46	16.963	2338	2342	2346	rVV3	57865	127558	1.47%	0.120%
47	17.010	2346	2350	2353	rVV2	103551	163476	1.89%	0.154%
48	17.051	2353	2357	2366	rVB2	84279	165672	1.91%	0.156%
49	17.234	2381	2388	2392	rBV	3623953	5420682	62.63%	5.091%
50	17.275	2392	2395	2399	rVB	1306931	1639153	18.94%	1.539%
51	17.334	2399	2405	2409	rBV	2880713	4225693	48.83%	3.969%
52	17.545	2438	2441	2447	rVB2	64413	88454	1.02%	0.083%
53	17.634	2448	2456	2460	rBV2	96851	172620	1.99%	0.162%
54	17.751	2472	2476	2481	rVB2	106315	139902	1.62%	0.131%
55	18.104	2531	2536	2538	rVV	269736	399879	4.62%	0.376%
56	18.145	2538	2543	2550	rVV2	450522	913060	10.55%	0.858%
57	18.222	2553	2556	2561	rVV	96538	161369	1.86%	0.152%
58	18.286	2561	2567	2571	rVV2	365894	673756	7.78%	0.633%
59	18.328	2571	2574	2581	rVB	229627	316856	3.66%	0.298%
60	18.422	2587	2590	2598	rVB3	104447	163049	1.88%	0.153%
61	18.586	2614	2618	2621	rBV	207902	279169	3.23%	0.262%
62	18.622	2621	2624	2630	rVB3	166517	229847	2.66%	0.216%
63	18.828	2655	2659	2663	rVV	83850	102932	1.19%	0.097%
64	18.875	2663	2667	2670	rVV2	106907	139317	1.61%	0.131%
65	18.910	2670	2673	2677	rVB	83303	112919	1.30%	0.106%
66	18.992	2682	2687	2691	rBV2	238538	378433	4.37%	0.355%
67	19.033	2691	2694	2700	rVV5	170123	312417	3.61%	0.293%
68	19.081	2700	2702	2705	rVV	103336	107960	1.25%	0.101%
69	19.122	2705	2709	2717	rVB	186317	316184	3.65%	0.297%
70	19.245	2725	2730	2737	rVB	2699503	3490036	40.33%	3.278%
71	19.433	2758	2762	2765	rBV2	72736	117006	1.35%	0.110%

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Integrator: RTE
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72	19.569	2780	2785	2788	rBV	4364856	6390121	73.83%	6.002%
73	19.598	2788	2790	2798	rVV	2700977	3046274	35.20%	2.861%
74	19.669	2798	2802	2809	rVB2	162804	273711	3.16%	0.257%
75	19.775	2815	2820	2825	rBV	127480	223621	2.58%	0.210%
76	19.828	2827	2829	2835	rVB3	106836	138346	1.60%	0.130%
77	19.916	2839	2844	2850	rBV4	202851	502947	5.81%	0.472%
78	20.045	2862	2866	2868	rBV3	145926	204712	2.37%	0.192%
79	20.080	2869	2872	2875	rVB	262973	338622	3.91%	0.318%
80	20.110	2875	2877	2881	rVB	95158	104191	1.20%	0.098%
81	20.180	2885	2889	2892	rBV	133346	168563	1.95%	0.158%
82	20.233	2893	2898	2902	rVV2	276984	413303	4.78%	0.388%
83	20.375	2918	2922	2925	rBV	188423	248817	2.87%	0.234%
84	20.416	2926	2929	2933	rVB2	180515	260676	3.01%	0.245%
85	20.810	2992	2996	3002	rVB	394783	556682	6.43%	0.523%
86	20.975	3018	3024	3027	rBV2	258782	480866	5.56%	0.452%
87	21.016	3027	3031	3032	rVV	255728	309432	3.58%	0.291%
88	21.045	3032	3036	3042	rVV3	691032	1324917	15.31%	1.244%
89	21.098	3042	3045	3054	rVB2	384431	634028	7.33%	0.595%
90	21.322	3076	3083	3087	rBV2	5230112	8654638	100.00%	8.128%
91	21.357	3087	3089	3099	rVB	1480436	1870580	21.61%	1.757%
92	21.480	3107	3110	3115	rBV2	274576	369789	4.27%	0.347%
93	21.886	3177	3179	3184	rVB	262603	319431	3.69%	0.300%
94	21.945	3185	3189	3195	rVB3	358950	544369	6.29%	0.511%
95	22.963	3356	3362	3368	rBV	1219333	3052051	35.26%	2.866%
96	23.469	3443	3448	3451	rBV	628382	1108432	12.81%	1.041%
97	23.521	3451	3457	3462	rVV	2676488	5231494	60.45%	4.913%
98	23.569	3462	3465	3474	rVB	991583	1941575	22.43%	1.824%
99	23.674	3475	3483	3490	rBV	3171193	6439094	74.40%	6.048%
100	26.074	3884	3891	3906	rVB3	567308	1929621	22.30%	1.812%

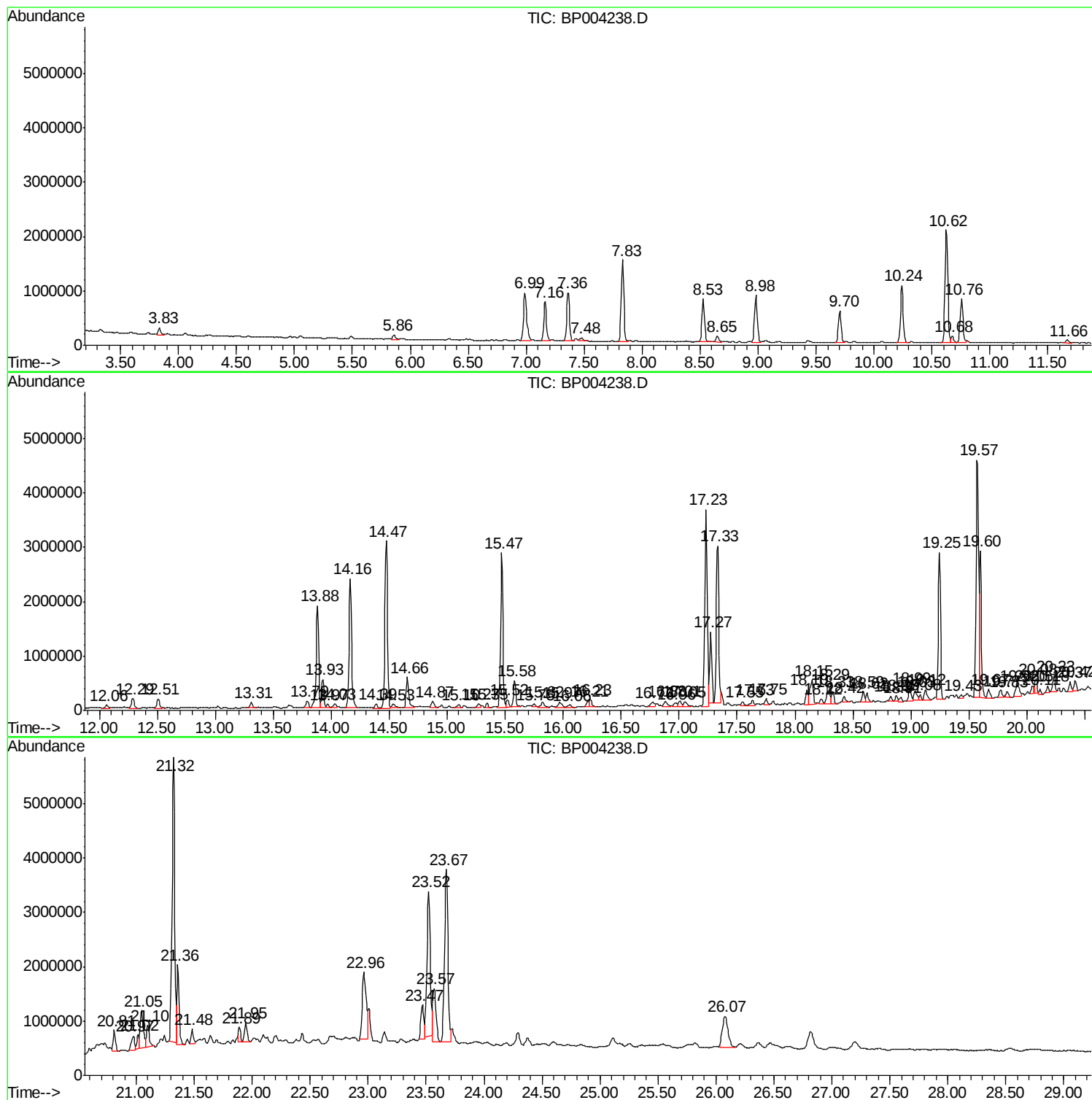
Sum of corrected areas: 106474894

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
A54B5

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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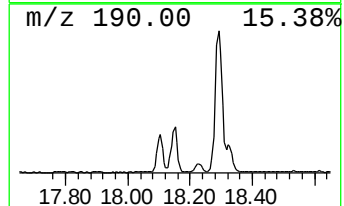
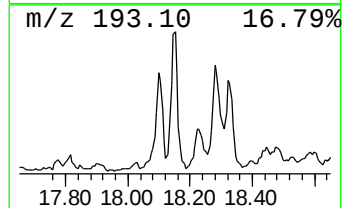
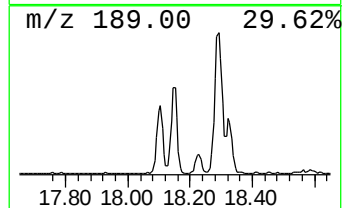
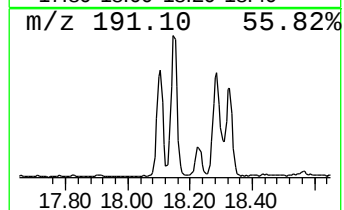
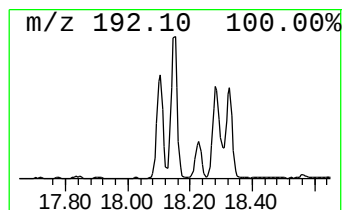
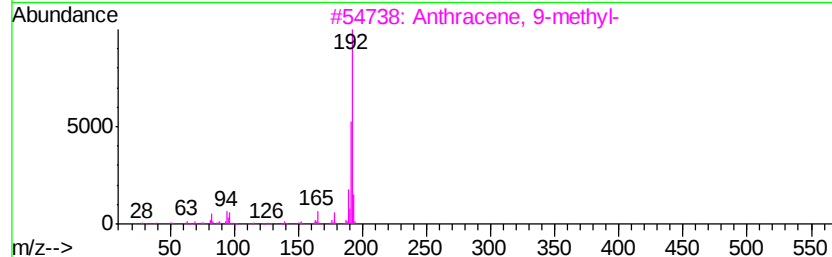
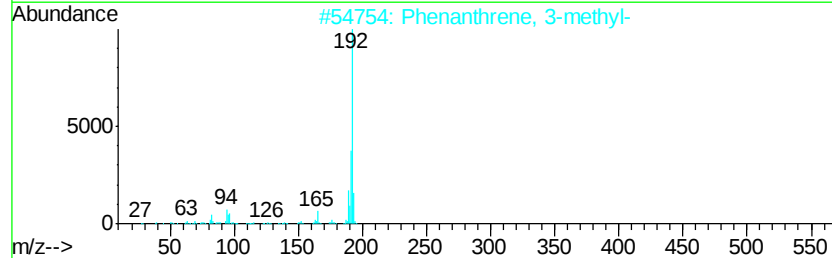
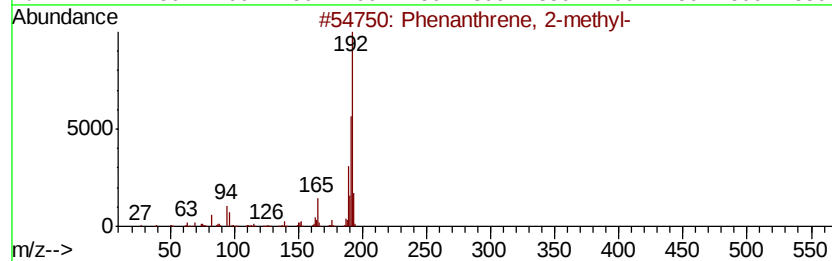
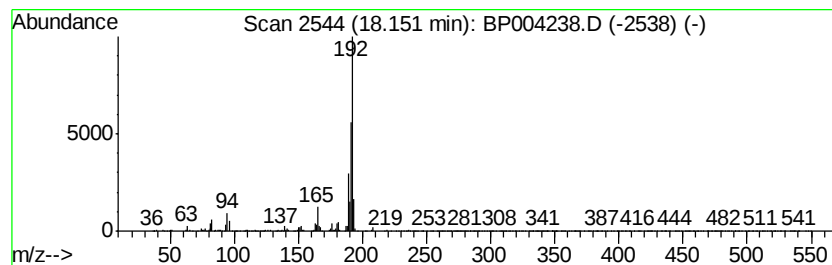
Instrument :
BNA_P
ClientSampleId :
A54B5

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	3.37 ng/ul	913060	Phenanthrene-d10	17.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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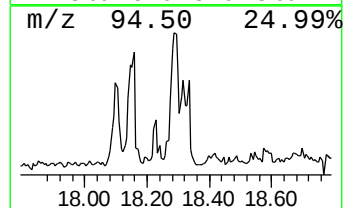
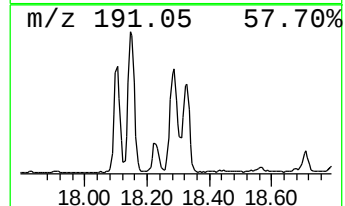
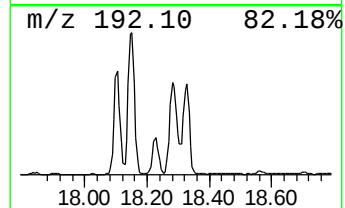
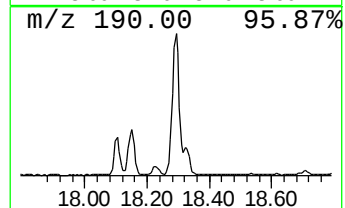
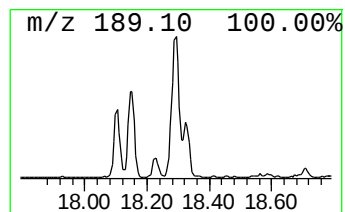
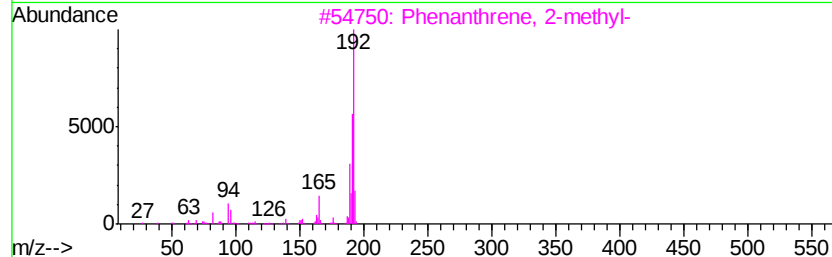
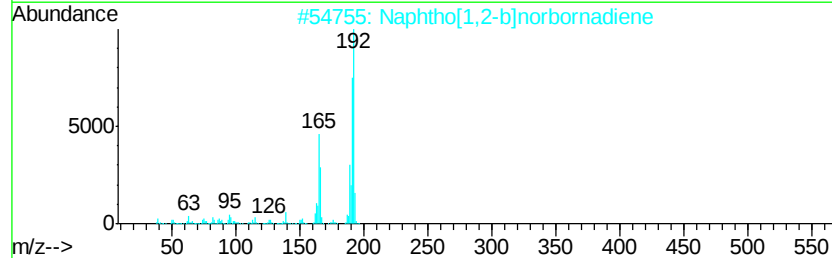
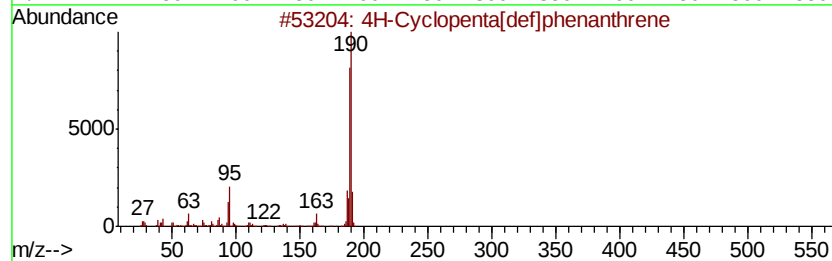
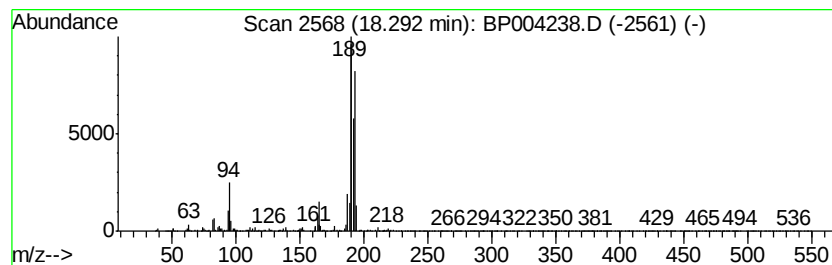
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.29	2.49 ng/ul	673756	Phenanthrene-d10	17.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89	
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50	
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50	
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50	



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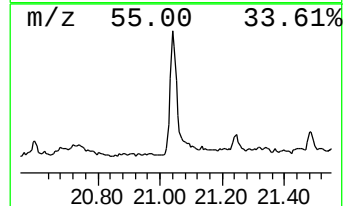
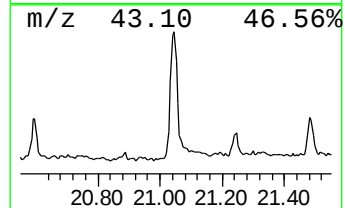
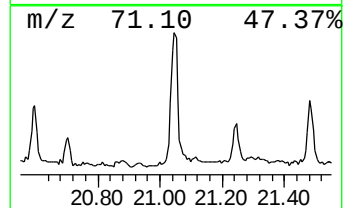
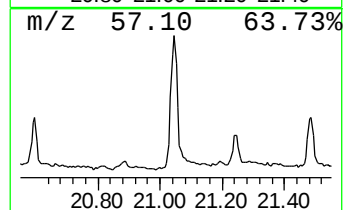
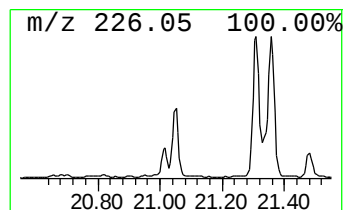
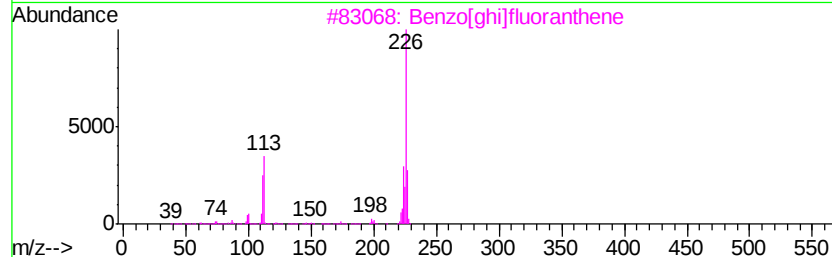
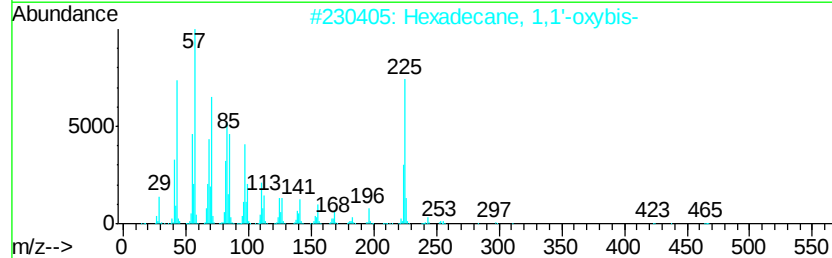
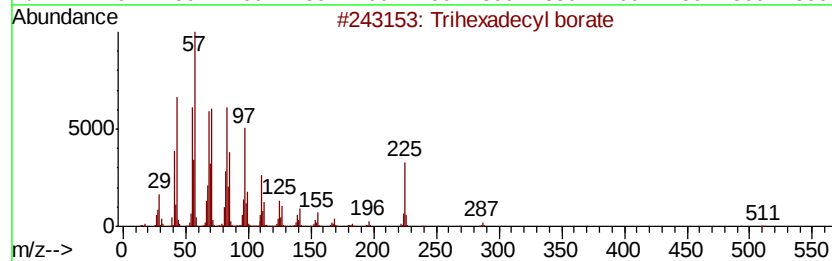
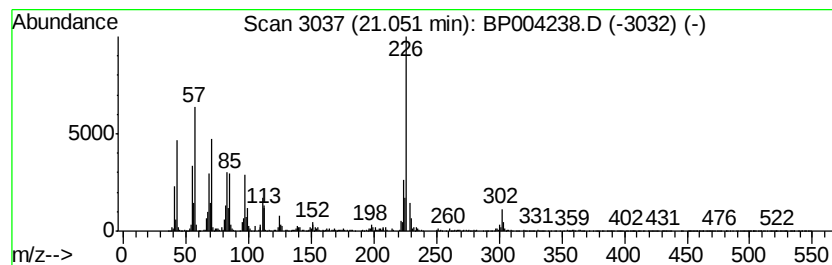
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.06 ng/ul	1324920	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trihexadecyl borate	735	C48H99B03	002665-11-4	49
2		Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	42
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	30
4		Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	30
5		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004238.D
Acq On : 11 Dec 2020 20:54
Operator : CG/JU
Sample : L5000-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B5

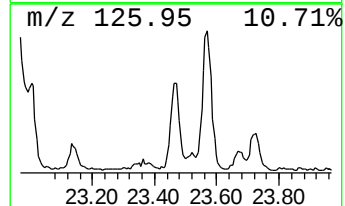
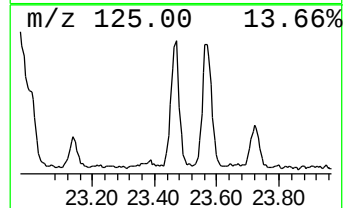
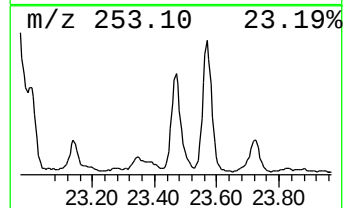
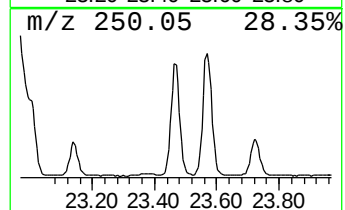
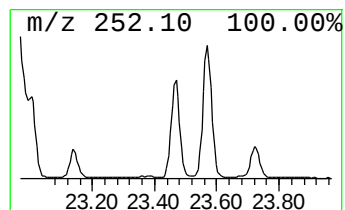
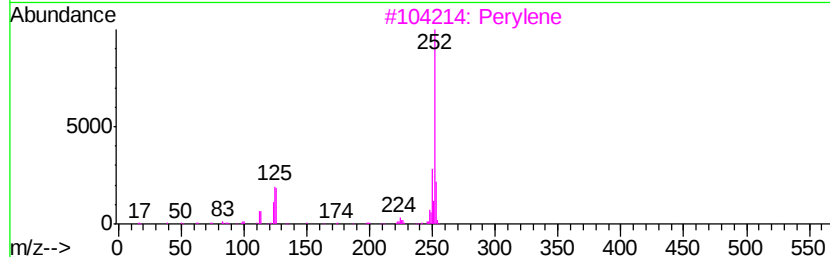
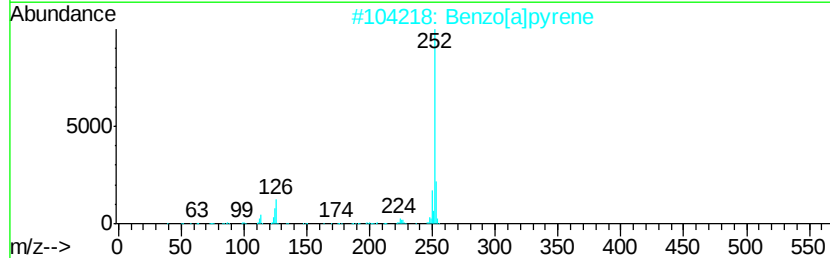
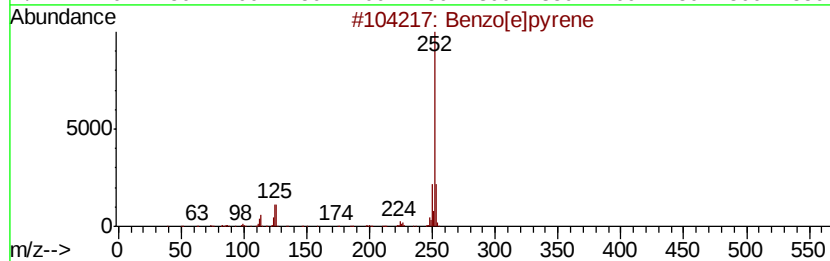
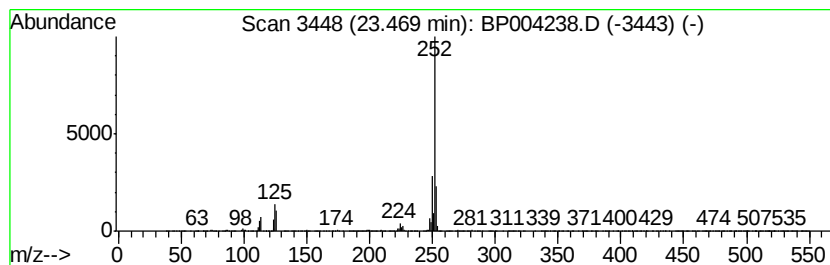
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Quant Title : SVOA CALIBRATION

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.
23.47	3.44 ng/ul	1108430	Perylene-d12	23.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
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Operator : CG/JU
Sample : L5000-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B5

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...	18.15	3.4	ng/ul	913060	4	17.23	5420680	20.0
4H-Cyclopenta[def...	18.29	2.5	ng/ul	673756	4	17.23	5420680	20.0
unknown-01	21.05	3.1	ng/ul	1324920	5	21.32	8654640	20.0
Benzo[e]pyrene	23.47	3.4	ng/ul	1108430	6	23.67	6439090	20.0