

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031653.D
 Acq On : 24 May 2024 09:44
 Operator : MA/JU
 Sample : P2547-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W9DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.464	77	81	88	rBV	47328	66185	1.05%	0.085%
2	3.605	102	105	119	rBV	216275	328076	5.23%	0.419%
3	6.852	651	657	669	rVB	296321	468460	7.47%	0.598%
4	7.028	681	687	696	rVB	262099	397936	6.34%	0.508%
5	7.216	712	719	728	rBV	276378	458857	7.31%	0.586%
6	7.687	792	799	807	rBV	1755694	2812713	44.83%	3.591%
7	8.387	912	918	925	rBV	311802	507374	8.09%	0.648%
8	8.840	988	995	1006	rBV	259430	436527	6.96%	0.557%
9	9.557	1110	1117	1123	rBV	165742	276901	4.41%	0.354%
10	10.087	1200	1207	1218	rBV	311643	530388	8.45%	0.677%
11	10.469	1264	1272	1278	rBV	2388297	4139093	65.97%	5.285%
12	10.522	1278	1281	1287	rVV	205741	308225	4.91%	0.394%
13	10.610	1287	1296	1314	rVB	320999	569212	9.07%	0.727%
14	11.210	1392	1398	1408	rBV	36395	71429	1.14%	0.091%
15	12.134	1548	1555	1563	rVB	94763	155442	2.48%	0.198%
16	12.357	1583	1593	1601	rBV	75786	130975	2.09%	0.167%
17	13.157	1724	1729	1736	rBV3	39488	61836	0.99%	0.079%
18	13.645	1803	1812	1817	rBV2	59098	113688	1.81%	0.145%
19	13.698	1817	1821	1823	rVV	39616	56526	0.90%	0.072%
20	13.739	1823	1828	1834	rVB	529455	739657	11.79%	0.944%
21	14.016	1865	1875	1886	rBV	623428	988835	15.76%	1.262%
22	14.328	1918	1928	1934	rVV	3157484	4820949	76.84%	6.155%
23	14.386	1934	1938	1946	rVV	551827	832272	13.27%	1.063%
24	14.516	1955	1960	1973	rVV2	124235	275315	4.39%	0.352%
25	14.722	1989	1995	2003	rVV	300629	484639	7.72%	0.619%
26	15.322	2090	2097	2101	rVV	742421	1110549	17.70%	1.418%
27	15.375	2101	2106	2111	rVV	440861	640214	10.20%	0.817%
28	15.433	2111	2116	2120	rVV	81446	139332	2.22%	0.178%
29	15.498	2124	2127	2130	rVV2	60191	88361	1.41%	0.113%
30	15.539	2130	2134	2138	rVV	74622	123383	1.97%	0.158%
31	15.628	2145	2149	2152	rVV2	46828	77707	1.24%	0.099%
32	15.669	2152	2156	2164	rVV	118924	181297	2.89%	0.231%
33	15.816	2176	2181	2189	rVV	130700	261805	4.17%	0.334%
34	15.904	2189	2196	2202	rVB4	29704	68639	1.09%	0.088%
35	16.045	2212	2220	2227	rVB4	44083	81534	1.30%	0.104%
36	16.357	2265	2273	2274	rBV3	43316	81913	1.31%	0.105%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
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37	16.380	2274	2277	2281	rVV2	72747	111580	1.78%	0.142%
38	16.428	2281	2285	2290	rVV2	39519	66044	1.05%	0.084%
39	16.528	2297	2302	2306	rVV4	29102	53421	0.85%	0.068%
40	16.610	2312	2316	2318	rVV2	49870	76534	1.22%	0.098%
41	16.645	2319	2322	2326	rVV3	55806	86552	1.38%	0.111%
42	16.722	2330	2335	2342	rVB	139796	228257	3.64%	0.291%
43	16.804	2343	2349	2359	rBV3	60627	172372	2.75%	0.220%
44	16.886	2359	2363	2372	rVB	214136	319026	5.08%	0.407%
45	17.069	2388	2394	2398	rBV	3006563	4554532	72.59%	5.815%
46	17.110	2398	2401	2407	rVV	4129259	5679827	90.53%	7.252%
47	17.169	2407	2411	2414	rVV	750156	1139587	18.16%	1.455%
48	17.204	2414	2417	2422	rVV	927804	1233211	19.66%	1.574%
49	17.257	2422	2426	2432	rVB2	69770	118038	1.88%	0.151%
50	17.475	2452	2463	2467	rBV2	382461	653718	10.42%	0.835%
51	17.592	2479	2483	2488	rBV3	52060	81753	1.30%	0.104%
52	17.651	2489	2493	2501	rVB5	37622	73303	1.17%	0.094%
53	17.945	2533	2543	2547	rBV	304234	518864	8.27%	0.662%
54	17.992	2547	2551	2557	rVB2	452437	661070	10.54%	0.844%
55	18.075	2558	2565	2570	rBV	157866	244567	3.90%	0.312%
56	18.139	2570	2576	2580	rBV2	477316	838440	13.36%	1.070%
57	18.175	2580	2582	2589	rVB	199907	250094	3.99%	0.319%
58	18.451	2624	2629	2632	rVV	238106	314598	5.01%	0.402%
59	18.486	2632	2635	2640	rVB2	185115	243075	3.87%	0.310%
60	18.698	2667	2671	2675	rBV2	56825	78489	1.25%	0.100%
61	18.786	2682	2686	2690	rVB3	50896	66294	1.06%	0.085%
62	18.869	2694	2700	2705	rBV2	131030	238401	3.80%	0.304%
63	18.927	2705	2710	2714	rBV4	60223	108166	1.72%	0.138%
64	19.004	2719	2723	2733	rVB2	118481	218045	3.48%	0.278%
65	19.127	2739	2744	2751	rBV	3735601	5251491	83.70%	6.705%
66	19.227	2758	2761	2767	rVB2	51807	62011	0.99%	0.079%
67	19.327	2773	2778	2780	rBV5	42604	73013	1.16%	0.093%
68	19.374	2782	2786	2789	rVV	98405	133209	2.12%	0.170%
69	19.463	2795	2801	2803	rBV2	1299416	1840323	29.33%	2.350%
70	19.492	2803	2806	2814	rVV	3050804	4260891	67.91%	5.440%
71	19.563	2814	2818	2824	rVB3	130802	204729	3.26%	0.261%
72	19.674	2833	2837	2842	rVB	165531	212926	3.39%	0.272%
73	19.733	2843	2847	2853	rVB	150084	213556	3.40%	0.273%
74	19.816	2856	2861	2868	rBV2	152859	395567	6.30%	0.505%
75	19.874	2868	2871	2875	rVV	57422	65291	1.04%	0.083%
76	19.957	2880	2885	2887	rVV4	122364	215832	3.44%	0.276%

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 Title : SVOA CALIBRATION

77	19.992	2887	2891	2895	rVB2	334821	448706	7.15%	0.573%
78	20.092	2904	2908	2912	rBV	202072	258227	4.12%	0.330%
79	20.145	2912	2917	2922	rVV3	236514	413519	6.59%	0.528%
80	20.186	2922	2924	2928	rVB3	77765	82770	1.32%	0.106%
81	20.233	2929	2932	2937	rVB3	48968	61205	0.98%	0.078%
82	20.286	2938	2941	2945	rBV	100723	119584	1.91%	0.153%
83	20.333	2945	2949	2953	rBV3	107107	162333	2.59%	0.207%
84	20.739	3014	3018	3024	rBV	174820	266475	4.25%	0.340%
85	20.910	3043	3047	3051	rVV2	146536	199537	3.18%	0.255%
86	20.951	3051	3054	3057	rVV	176401	219060	3.49%	0.280%
87	20.998	3057	3062	3067	rVV2	198585	398396	6.35%	0.509%
88	21.051	3067	3071	3080	rVB2	218116	358842	5.72%	0.458%
89	21.298	3106	3113	3118	rBV3	3099424	6273949	100.00%	8.010%
90	21.345	3118	3121	3131	rVB	1239375	1829063	29.15%	2.335%
91	21.480	3140	3144	3152	rBV	197712	343129	5.47%	0.438%
92	21.680	3173	3178	3183	rVB2	131868	265538	4.23%	0.339%
93	21.974	3225	3228	3232	rVB2	167281	241886	3.86%	0.309%
94	23.310	3448	3455	3462	rBV2	807879	2518984	40.15%	3.216%
95	23.539	3491	3494	3502	rVB	153123	289590	4.62%	0.370%
96	23.962	3560	3566	3572	rBV2	442264	1030975	16.43%	1.316%
97	24.033	3573	3578	3583	rVV2	323535	653987	10.42%	0.835%
98	24.098	3583	3589	3602	rVB	802965	1963455	31.30%	2.507%
99	24.233	3604	3612	3620	rBV	1733247	4289026	68.36%	5.476%
100	27.527	4166	4172	4194	rVB3	333627	1393770	22.22%	1.779%

Sum of corrected areas: 78324947

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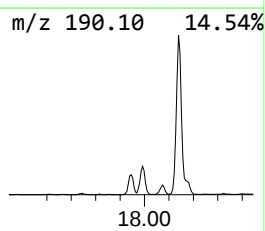
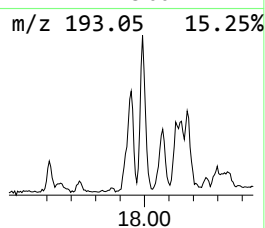
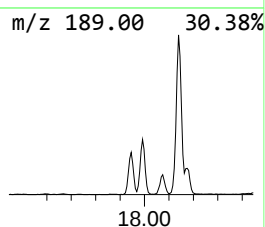
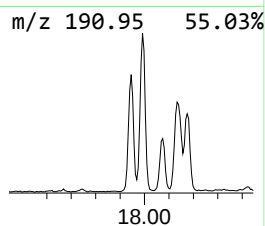
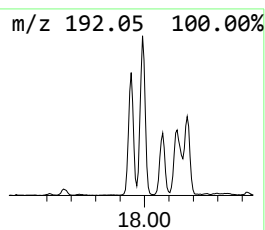
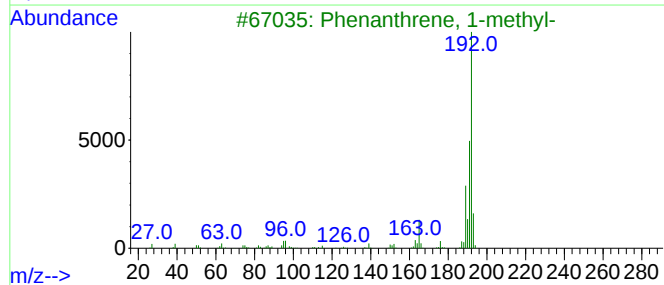
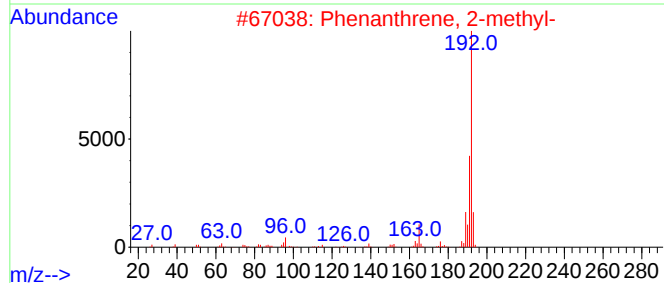
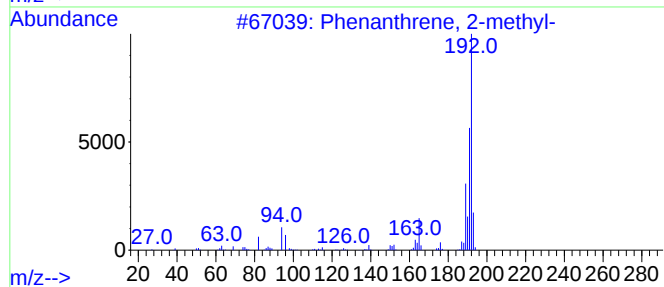
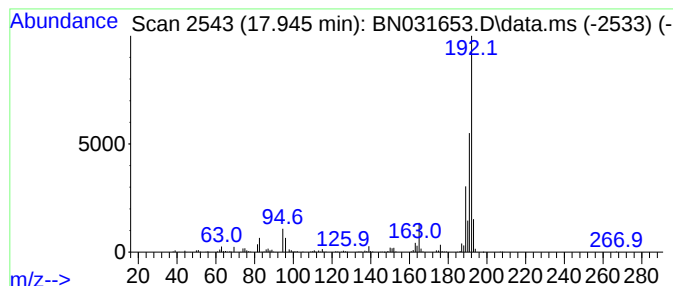
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	2.28 ng/ul	518864	Phenanthrene-d10	17.069

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



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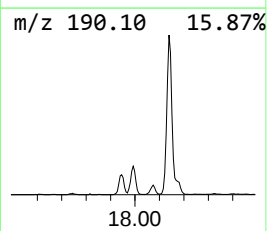
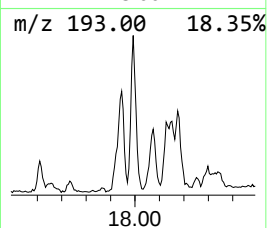
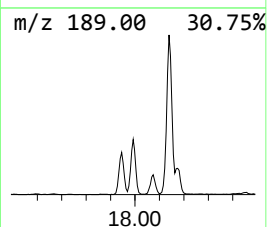
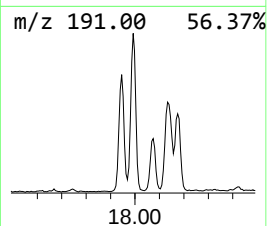
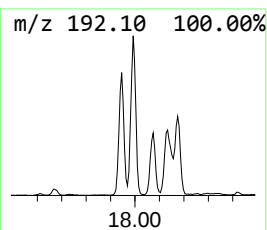
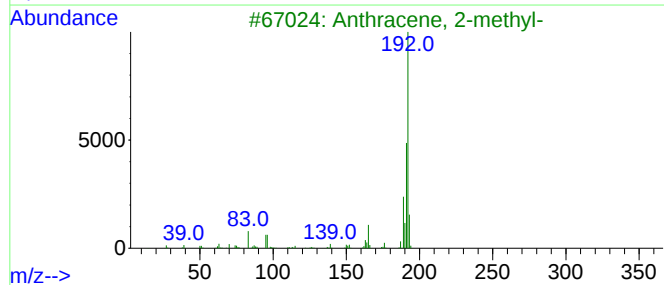
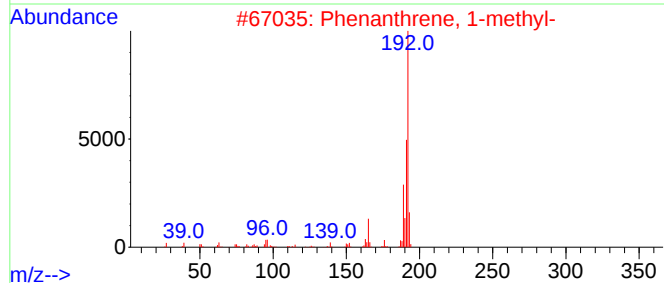
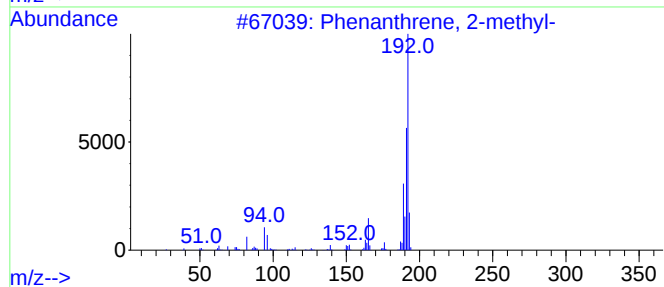
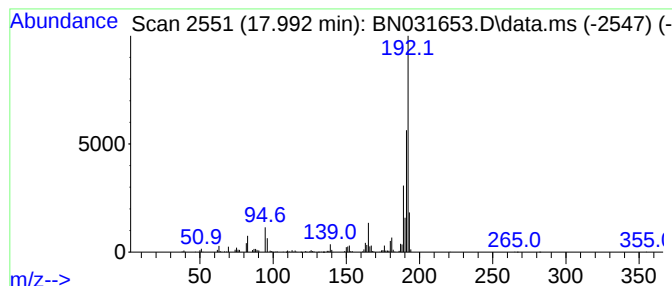
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	2.90 ng/ul	661070	Phenanthrene-d10	17.069

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



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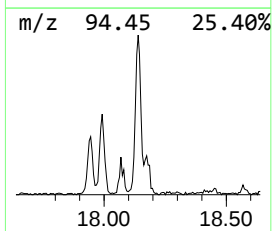
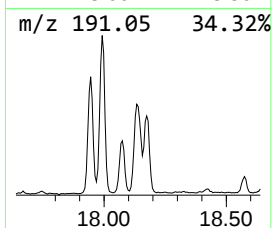
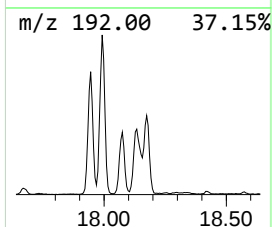
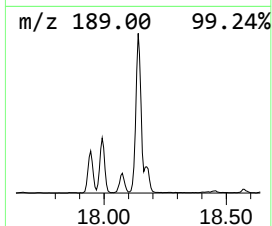
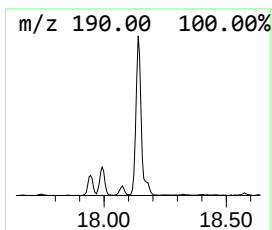
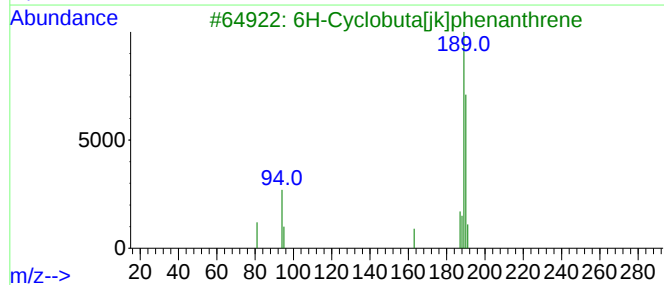
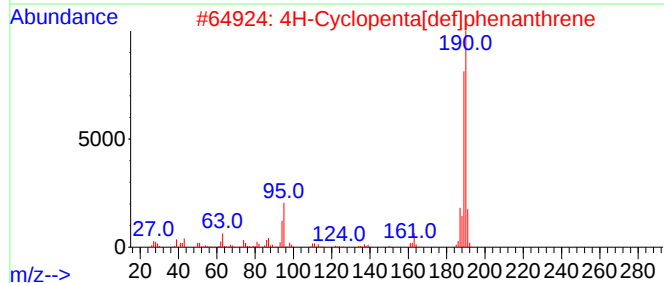
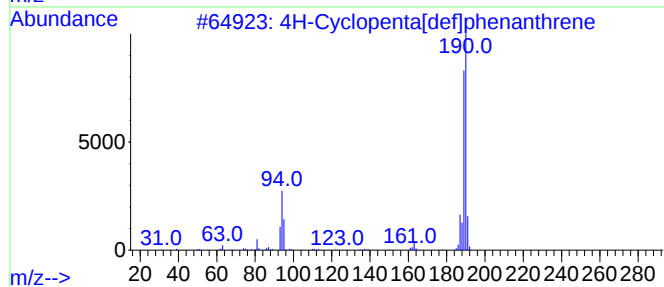
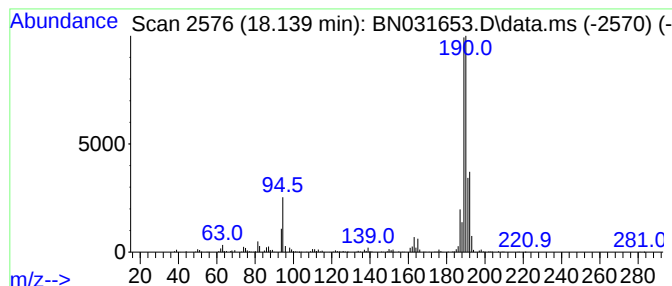
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.68 ng/ul	838440	Phenanthrene-d10	17.069

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			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49



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Acq On : 24 May 2024 09:44
Operator : MA/JU
Sample : P2547-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W9DL

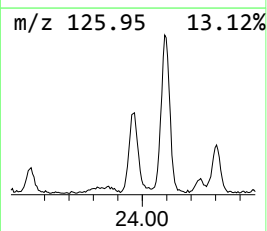
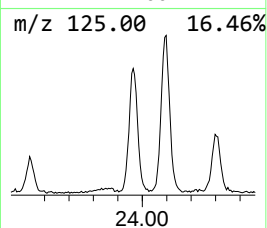
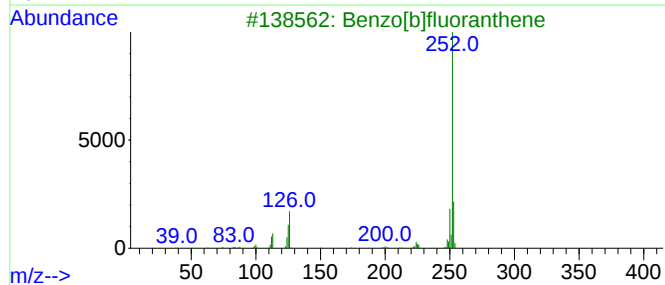
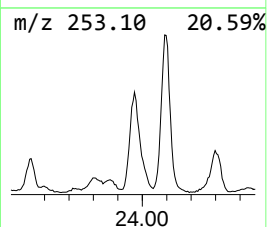
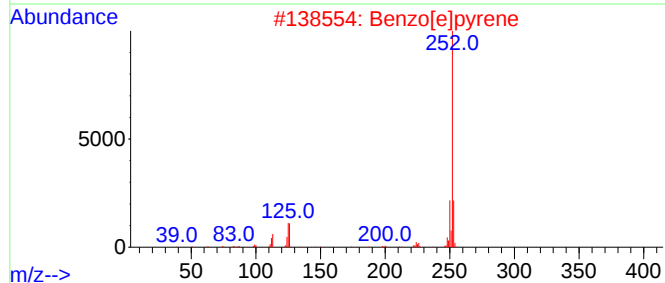
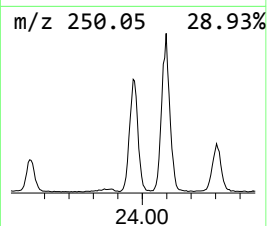
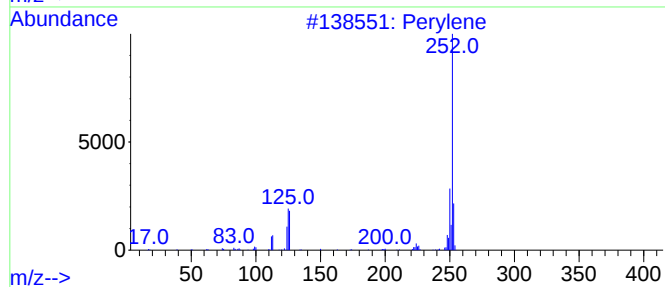
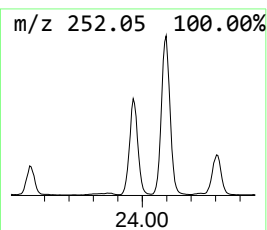
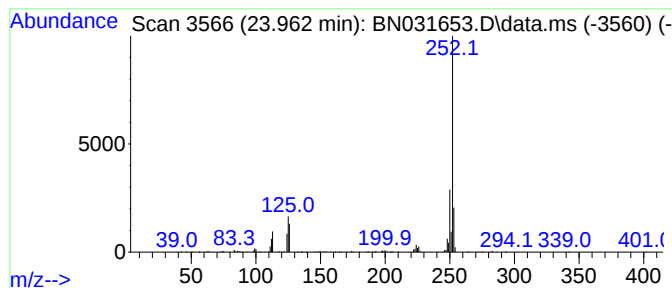
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	4.81 ng/ul	1030980	Perylene-d12	24.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031653.D
Acq On : 24 May 2024 09:44
Operator : MA/JU
Sample : P2547-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	17.945	2.3	ng/u1	518864	4	17.069	4554530	20.0
Phenanthrene, 1...	17.992	2.9	ng/u1	661070	4	17.069	4554530	20.0
4H-Cyclopenta[d...	18.139	3.7	ng/u1	838440	4	17.069	4554530	20.0
Perylene	23.962	4.8	ng/u1	1030980	6	24.233	4289030	20.0