LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.805	625	632	644	rBV	241086	534543	1.06%	0.151%
2	6.969	654	660	669	rBV	186686	323275	0.64%	0.092%
3	7.152	684	691	706	rBV	281324	501329	1.00%	0.142%
4	7.610	763	769	778	rBV	295226	496936	0.99%	0.141%
5	8.322	881	890	905	rBV	305317	639523	1.27%	0.181%
6	8.440	905	910	930	rVB	131712	275598	0.55%	0.078%
7	8.775	959	967	981	rBV	255206	512291	1.02%	0.145%
8	9.487	1081	1088	1102	rBV	243353	463744	0.92%	0.131%
9	10.028	1173	1180	1204	rBV	302272	683595	1.36%	0.194%
10	10.387	1232	1241	1246	rBV	378133	728955	1.45%	0.206%
11	10.546	1262	1268	1286	rBV	206391	522833	1.04%	0.148%
12	11.151	1362	1371	1383	rBV2	94859	250585	0.50%	0.071%
13	13.698	1798	1804	1821	rVB	698390	1188866	2.37%	0.337%
14	13.969	1841	1850	1852	rBV2	799490	1287479	2.56%	0.364%
15	13.998	1852	1855	1871	rVB	945093	1395730	2.78%	0.395%
16	14.281	1896	1903	1909	rBV	660375	1044513	2.08%	0.296%
17	14.345	1909	1914	1924	rBV	260839	483859	0.96%	0.137%
18	14.504	1934	1941	1942	rBV	1288835	2004996	3.99%	0.568%
19	14.522	1942	1944	1948	rVV	1514845	1585545	3.15%	0.449%
20	14.563	1948	1951	1968	rVV3	134003	452347	0.90%	0.128%
21	14.692	1968	1973	1982	rVV	171400	287808	0.57%	0.081%
22	15.298	2070	2076	2081	rBV	1087375	1605689	3.19%	0.455%
23	15.357	2081	2086	2099	rVB	622270	1018821	2.03%	0.288%
24	15.475	2099	2106	2112	rBV3	243937	523973	1.04%	0.148%
25	16.386	2255	2261	2268	rVV5	139806	368650	0.73%	0.104%
26	16.769	2320	2326	2332	rVB	537175	770172	1.53%	0.218%
27	16.851	2333	2340	2347	rBV4	123410	259629	0.52%	0.074%
28	16.922	2347	2352	2365	rVB	588255	973791	1.94%	0.276%
29	17.116	2379	2385	2388	rBV	689200	1215288	2.42%	0.344%
30	17.175	2388	2395	2399	rVV	15924280	25880725	51.49%	7.327%
31	17.222	2399	2403	2405	rVV	1355883	1767578	3.52%	0.500%
32	17.257	2405	2409	2415	rVV	4155741	6110059	12.16%	1.730%
33	17.551	2450	2459	2465	rBV2	311170	660534	1.31%	0.187%
34	17.663	2472	2478	2484	rBV	1319121	1715794	3.41%	0.486%
35	17.733	2484	2490	2497	rVB2	209934	460210	0.92%	0.130%
36	18.027	2534	2540	2545	rVV	1155504	1807329	3.60%	0.512%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	18.080	2545	2549	2556	rVV	1694919	2540084	5.05%	0.719%
38	18.169	2557	2564	2569	rVV	371527	627388	1.25%	0.178%
39	18.233	2569	2575	2579	rVV2	2860811	4849629	9.65%	1.373%
40	18.269	2579	2581	2591	rVB	865642	1214311	2.42%	0.344%
41	18.563	2625	2631	2636	rVV	3132102	4628280	9.21%	1.310%
42	18.622	2636	2641	2647	rVV	1744177	2528920	5.03%	0.716%
43	18.816	2666	2674	2679	rBV2	165861	380701	0.76%	0.108%
44	18.992	2699	2704	2709	rVV	593528	1052127	2.09%	0.298%
45	19.057	2709	2715	2719	rVV2	595559	1196455	2.38%	0.339%
46	19.092	2719	2721	2726	rVV2	335857	493255	0.98%	0.140%
47	19.157	2726	2732	2738	rVV	1377236	2406163	4.79%	0.681%
48	19.292	2745	2755	2759	rVV	22527887	38347463	76.29%	10.856%
49	19.351	2759	2765	2768	rVV	213750	373164	0.74%	0.106%
50	19.386	2768	2771	2773	rVV2	197049	282766	0.56%	0.080%
51	19.433	2773	2779	2785	rVV	4111363	6656526	13.24%	1.884%
52	19.527	2788	2795	2798	rVV2	737626	1339899	2.67%	0.379%
53	19.563	2798	2801	2806	rVV	380837	677111	1.35%	0.192%
54	19.680	2806	2821	2825	rVV2	25414813	50266902	100.00%	14.230%
55	19.727	2825	2829	2836	rVB3	268204	471053	0.94%	0.133%
56	19.851	2845	2850	2855	rVB	259185	412748	0.82%	0.117%
57	19.916	2856	2861	2868	rVB3	273859	546707	1.09%	0.155%
58	19.998	2868	2875	2882	rBV2	891688	1871281	3.72%	0.530%
59	20.174	2893	2905	2910	rVV	1857235	4518230	8.99%	1.279%
60	20.280	2919	2923	2928	rVV	925210	1388333	2.76%	0.393%
61	20.339	2928	2933	2937	rVV	1499052	2229270	4.43%	0.631%
62	20.380	2937	2940	2945	rVV	348837	552423	1.10%	0.156%
63	20.451	2945	2952	2954	rVV2	377290	709768	1.41%	0.201%
64	20.486	2954	2958	2962	rVV	1096358	1577500	3.14%	0.447%
65	20.539	2962	2967	2976	rVB	1448240	2138343	4.25%	0.605%
66	20.680	2986	2991	2996	rVB4	214481	355207	0.71%	0.101%
67	20.986	3038	3043	3049	rVB	788073	1302507	2.59%	0.369%
68	21.127	3063	3067	3069	rBV	309951	419629	0.83%	0.119%
69	21.169	3069	3074	3078	rVV2	1381459	2020920	4.02%	0.572%
70	21.210	3078	3081	3085	rVV	1621538	2166926	4.31%	0.613%
71	21.257	3085	3089	3094	rVB	2687818	3828537	7.62%	1.084%
72	21.345	3100	3104	3109	rVB	999009	1486636	2.96%	0.421%
73	21.468	3122	3125	3134	rVB	333893	722205	1.44%	0.204%
74	21.604	3140	3148	3154	rBV2	11954797	25029643	49.79%	7.086%
75	21.668	3154	3159	3165	rVB	8366909	13974181	27.80%	3.956%
76	21.810	3179	3183	3187	rBV	374597	612420	1.22%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

77	21.898	3192	3198	3204	rVV	1346531	2239307	4.45%	0.634%
78	22.151	3238	3241	3249	rVB3	184660	333846	0.66%	0.095%
79	22.292	3261	3265	3270	rBV3	221000	443965	0.88%	0.126%
80	22.380	3275	3280	3287	rVB	694018	1362854	2.71%	0.386%
81	22.451	3287	3292	3296	rBV	292694	509735	1.01%	0.144%
82	22.557	3308	3310	3320	rVB2	555613	1406325	2.80%	0.398%
83	22.651	3321	3326	3331	rBV2	565028	1120312	2.23%	0.317%
84	22.704	3331	3335	3342	rVB2	752041	1402562	2.79%	0.397%
85	22.821	3350	3355	3363	rVB	523345	1189325	2.37%	0.337%
86	23.257	3423	3429	3430	rBV4	156203	290857	0.58%	0.082%
87	23.404	3450	3454	3465	rVB5	314129	825159	1.64%	0.234%
88	23.680	3497	3501	3506	rBV4	145366	298258	0.59%	0.084%
89	23.945	3531	3546	3551	rBV	5383398	19133839	38.06%	5.417%
90	23.986	3551	3553	3563	rVB	2894590	5409596	10.76%	1.531%
91	24.180	3579	3586	3597	rVB	1133845	3124527	6.22%	0.885%
92	24.686	3658	3672	3679	rBV	3832890	11824833	23.52%	3.348%
93	24.745	3680	3682	3689	rVV2	808649	2069781	4.12%	0.586%
94	24.857	3689	3701	3710	rVB	6981704	19838208	39.47%	5.616%
95	24.980	3712	3722	3728	rBV2	650648	1868960	3.72%	0.529%
96	25.057	3728	3735	3751	rVB	1141377	3508551	6.98%	0.993%
97	28.833	4357	4377	4399	rVB2	2629606	13751018	27.36%	3.893%
98	29.486	4475	4488	4489	rBV3	428977	1290779	2.57%	0.365%
99	29.986	4560	4573	4574	rBV	1287850	3061078	6.09%	0.867%
100	30.033	4574	4581	4595	rVB	2507368	7932684	15.78%	2.246%

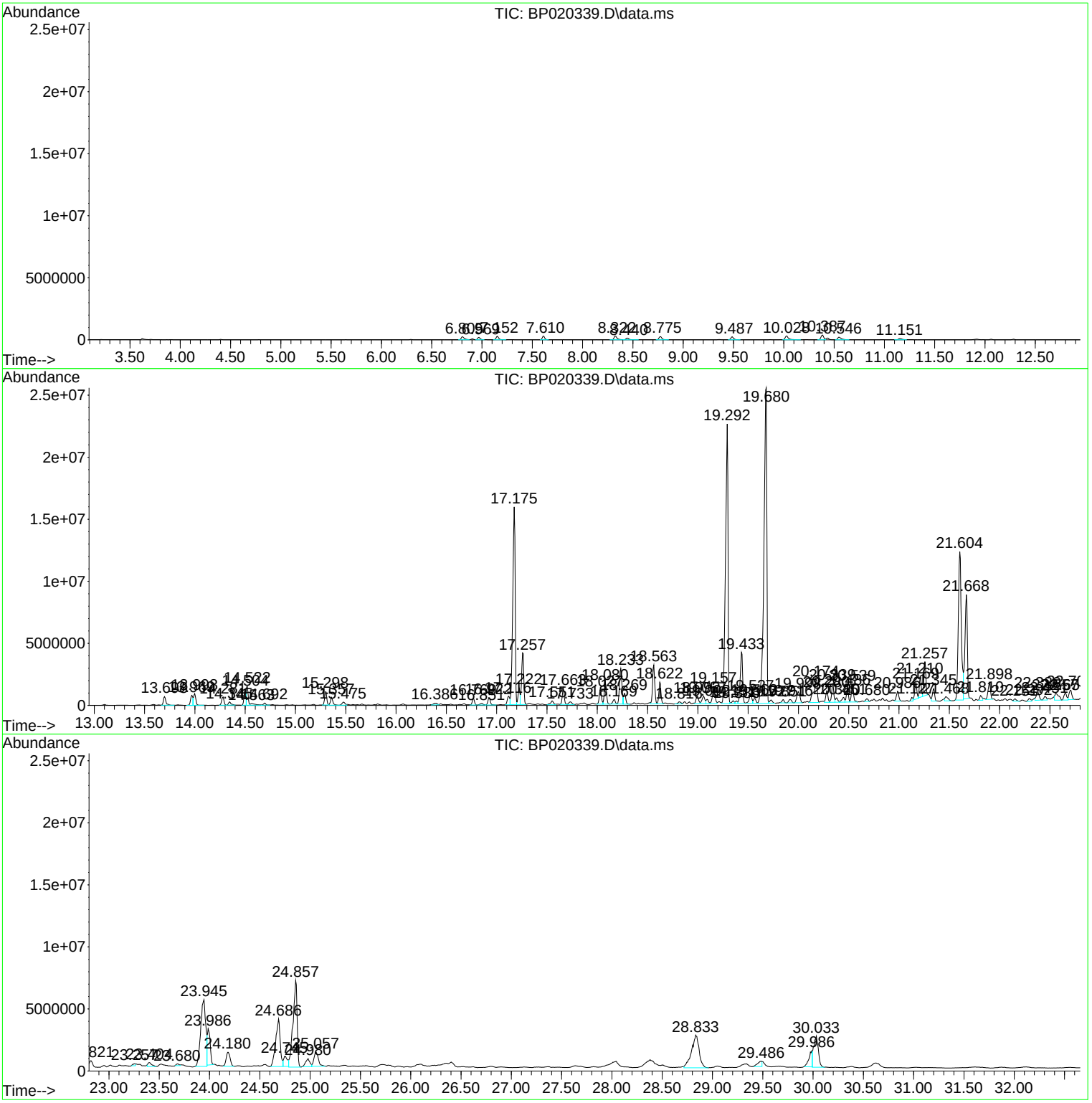
Sum of corrected areas: 353234562

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

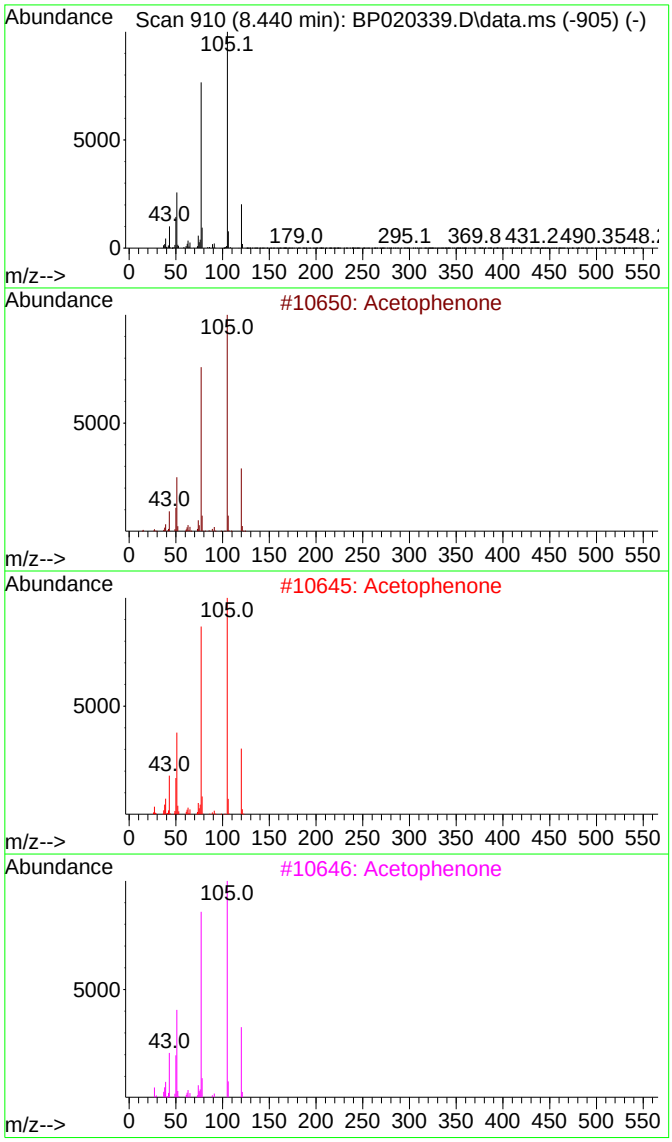
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

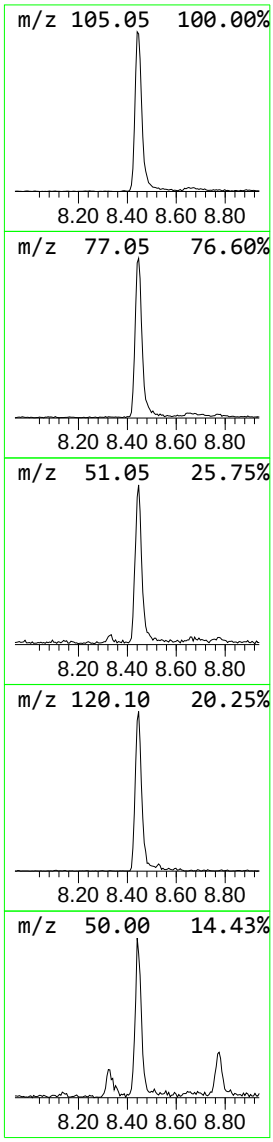
****

Peak Number 1 Aceto phenone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.440	11.09 ng/ul	275598	1,4-Dichlorobenzene-d4	7.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	Acetophenone	120	C8H8O	000098-86-2	93
3	Acetophenone	120	C8H8O	000098-86-2	93
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

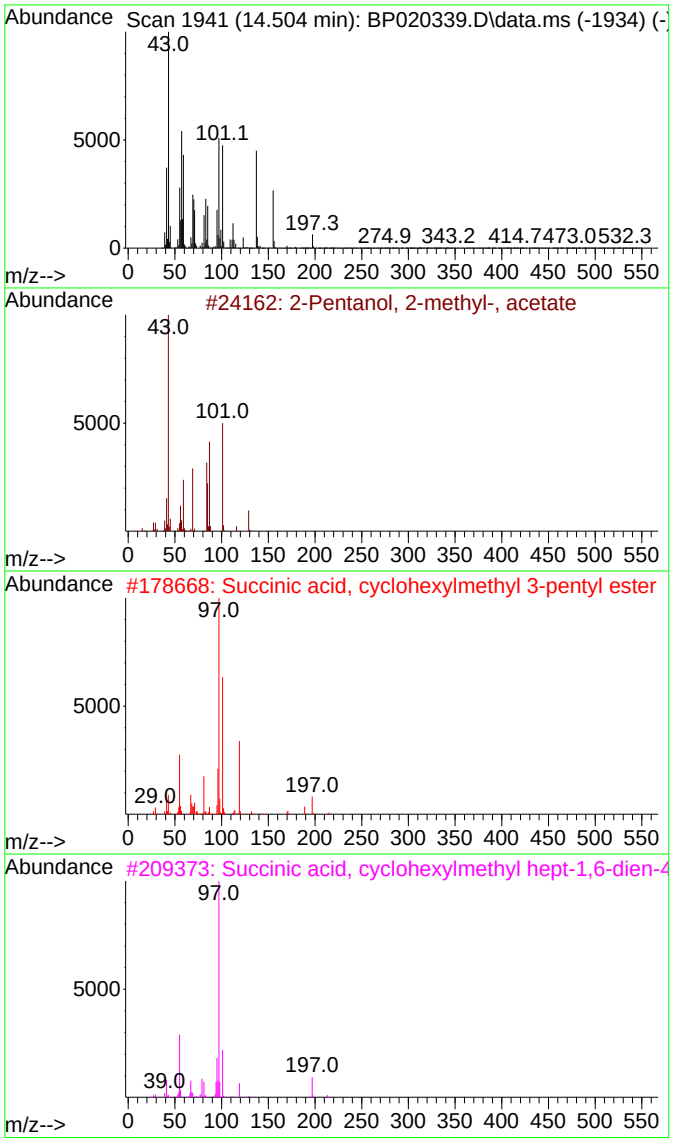
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

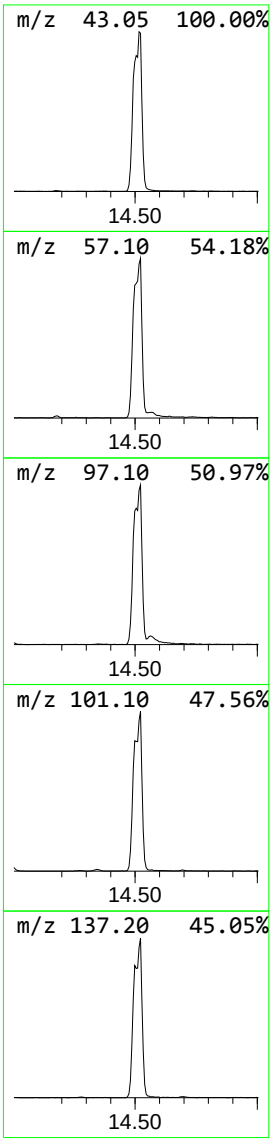
****

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	38.39 ng/ul	2005000	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
2	Succinic acid, cyclohexylmethyl ...	284	C16H28O4	1000370-91-3	14
3	Succinic acid, cyclohexylmethyl ...	308	C18H28O4	1000391-33-3	10
4	2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1010191-06-9	10
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

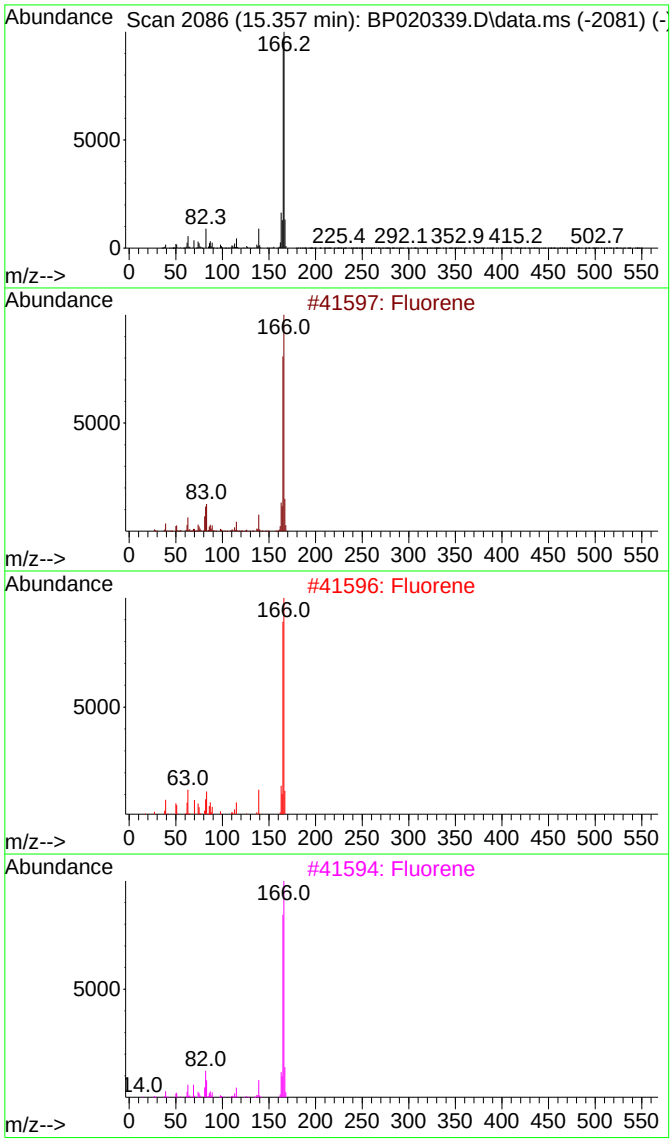
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

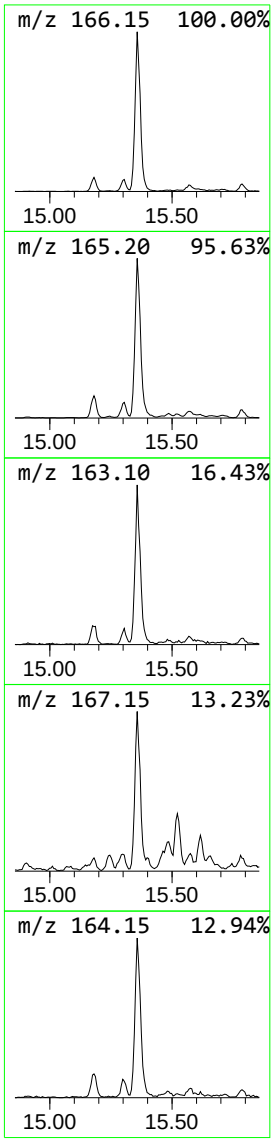
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fluo rene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	19.51 ng/ul	1018820	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	94
2	Fluorene	166	C13H10	000086-73-7	94
3	Fluorene	166	C13H10	000086-73-7	94
4	Fluorene	166	C13H10	000086-73-7	94
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

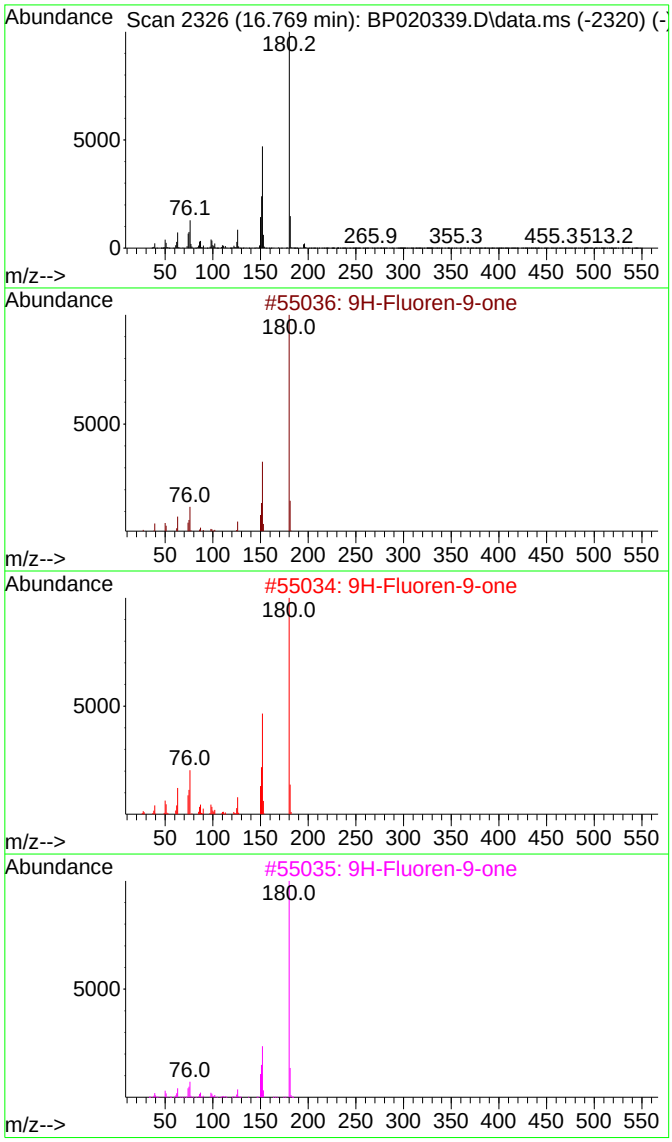
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

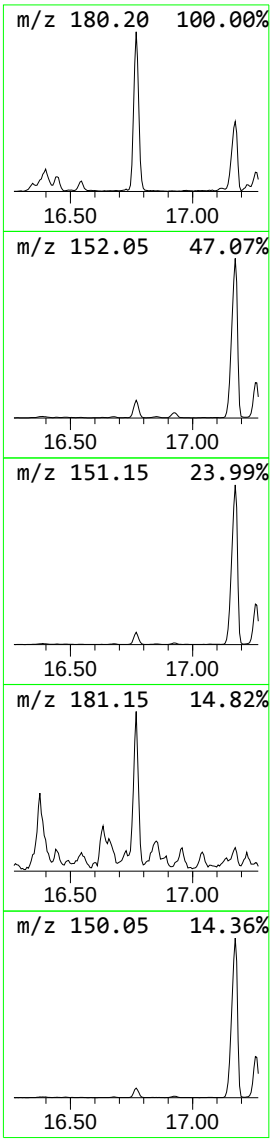
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.769	12.67 ng/ul	770172	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

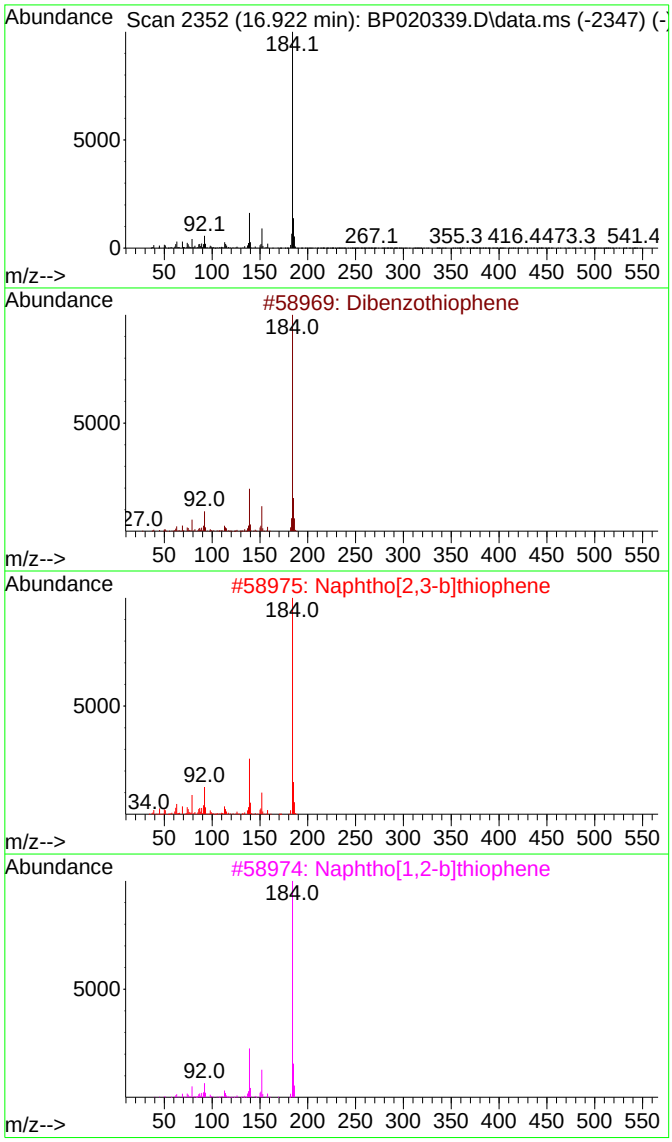
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

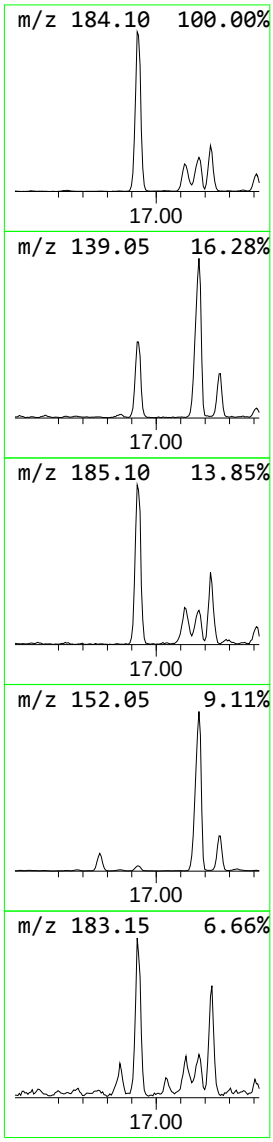
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.922	16.03 ng/ul	973791	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

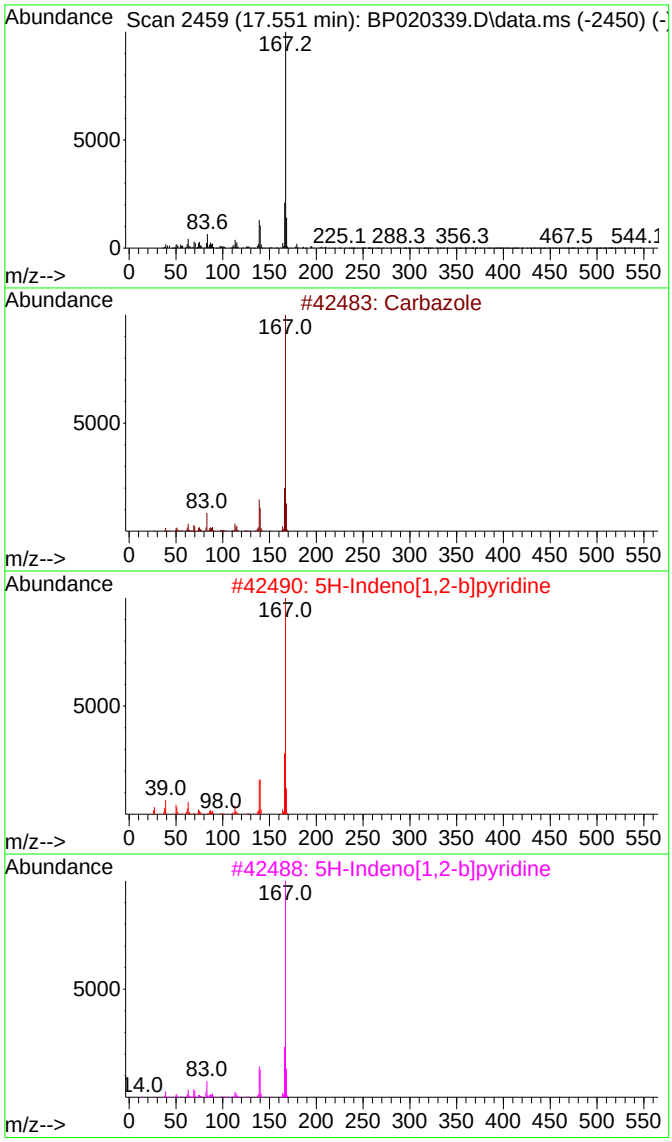
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

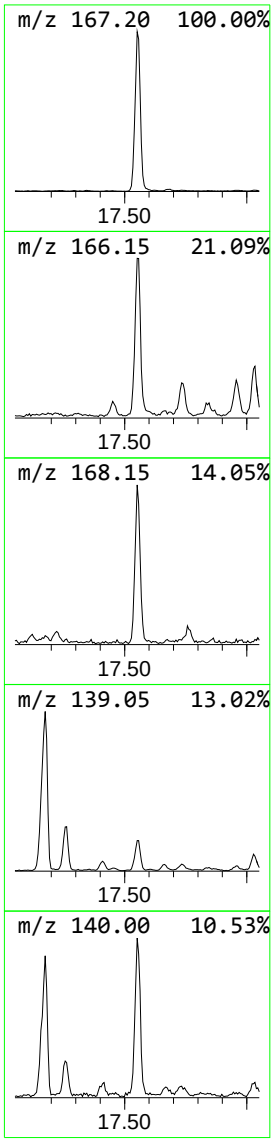
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Carba zole Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	10.87 ng/ul	660534	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	97
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91
5	Carbazole	167	C12H9N	000086-74-8	90





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

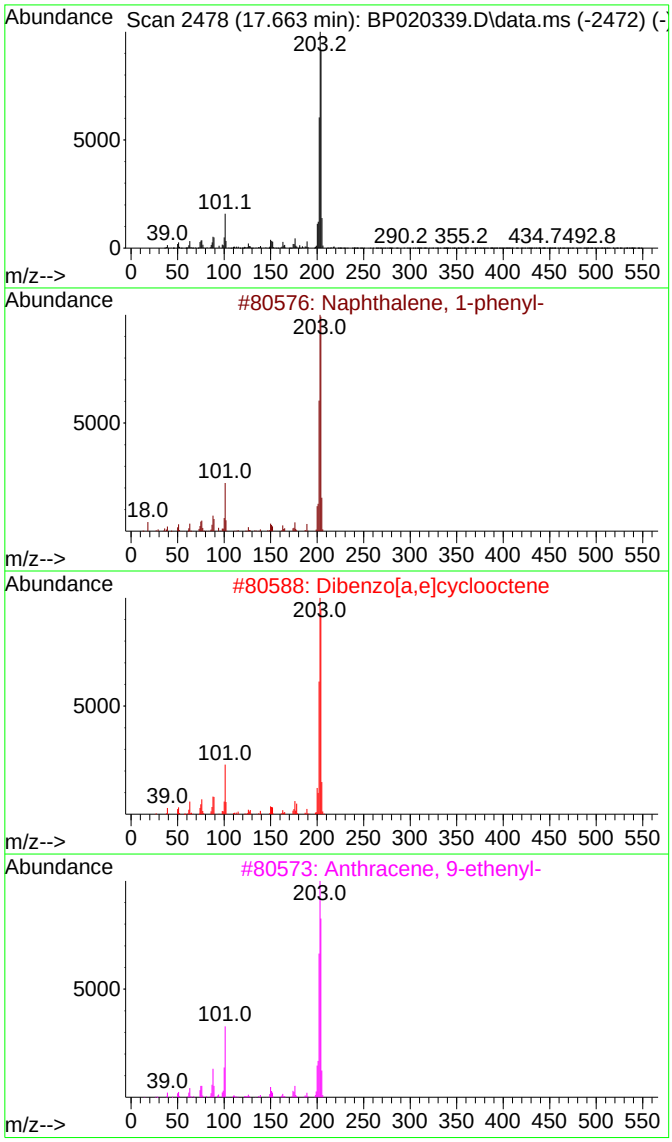
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

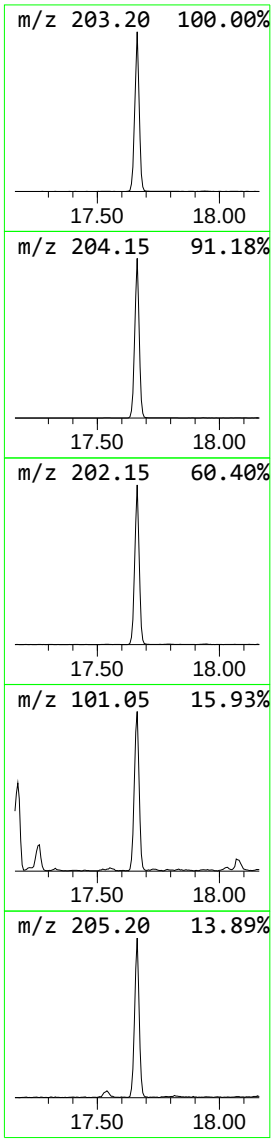
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.663	28.24 ng/ul	1715790	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

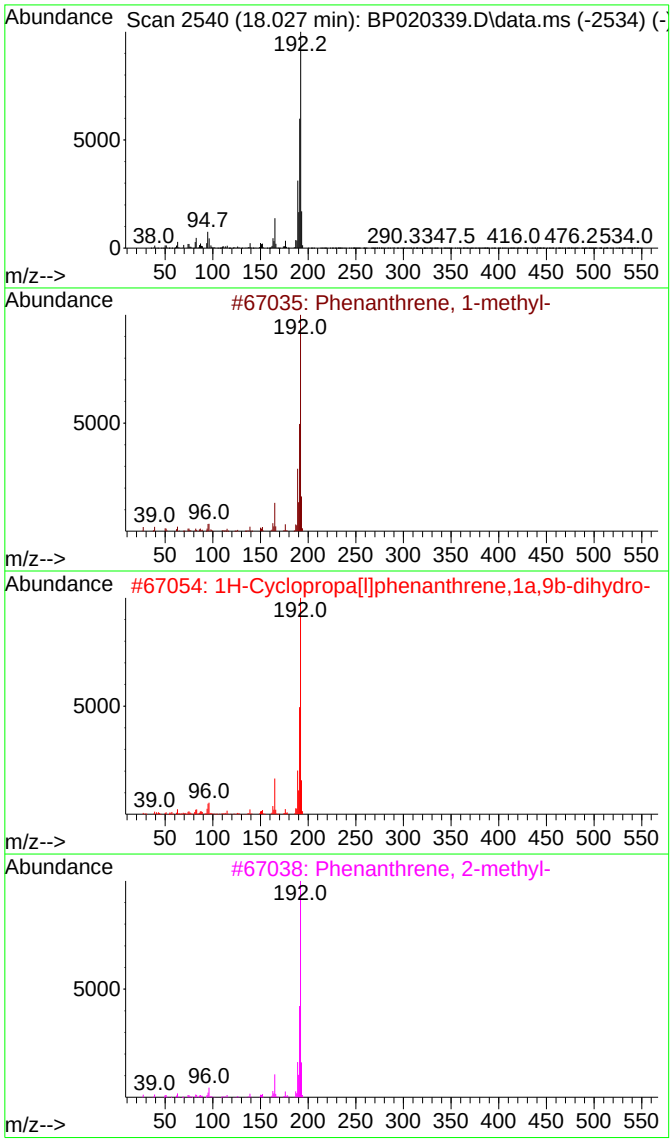
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

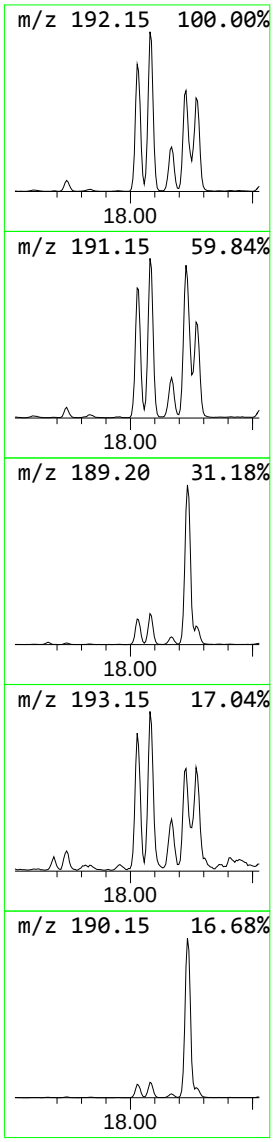
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	29.74 ng/ul	1807330	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

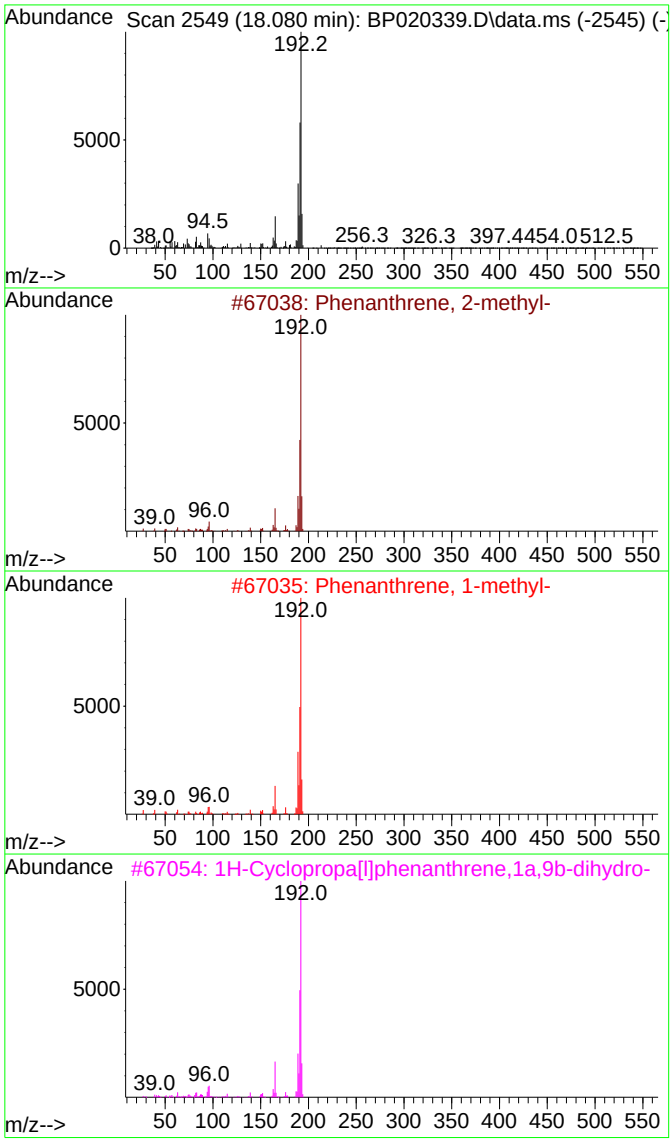
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

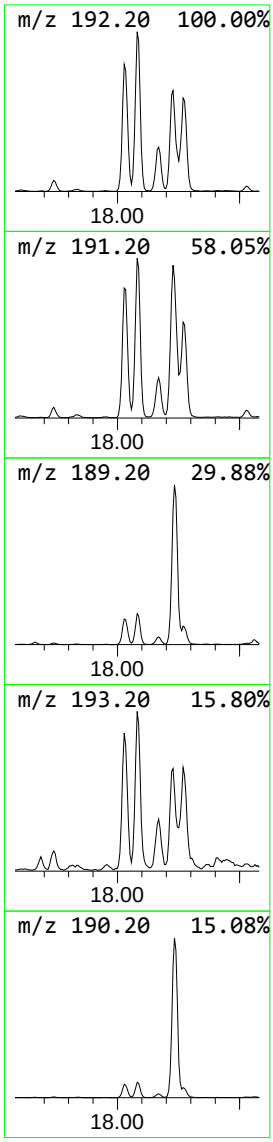
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	41.80 ng/ul	2540080	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

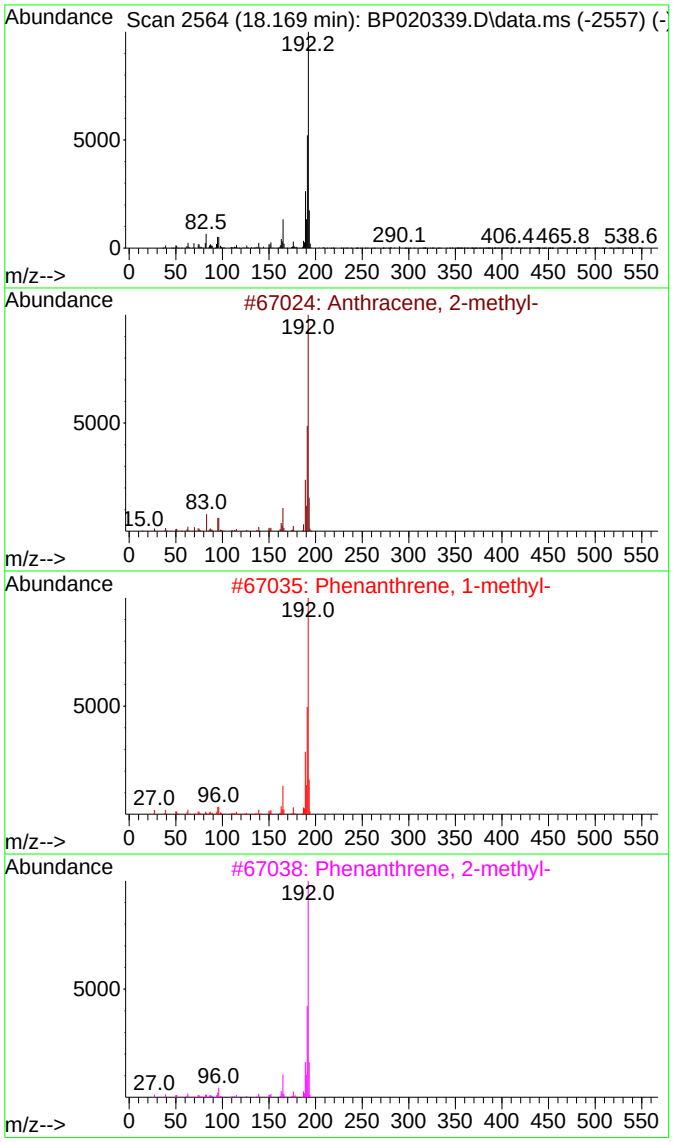
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

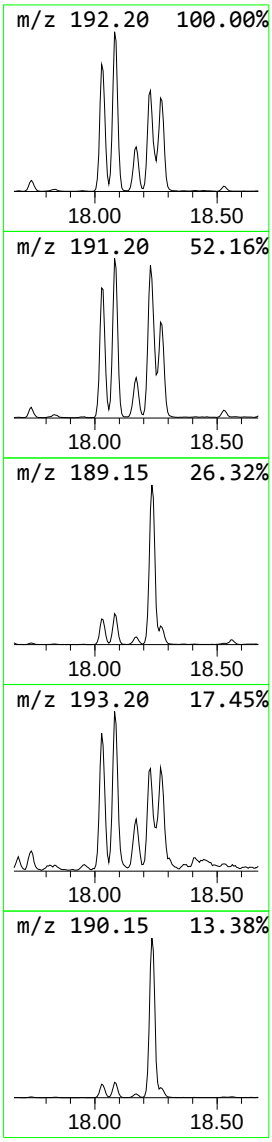
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	10.32 ng/ul	627388	Phenanthrene-d10	17.116

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





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Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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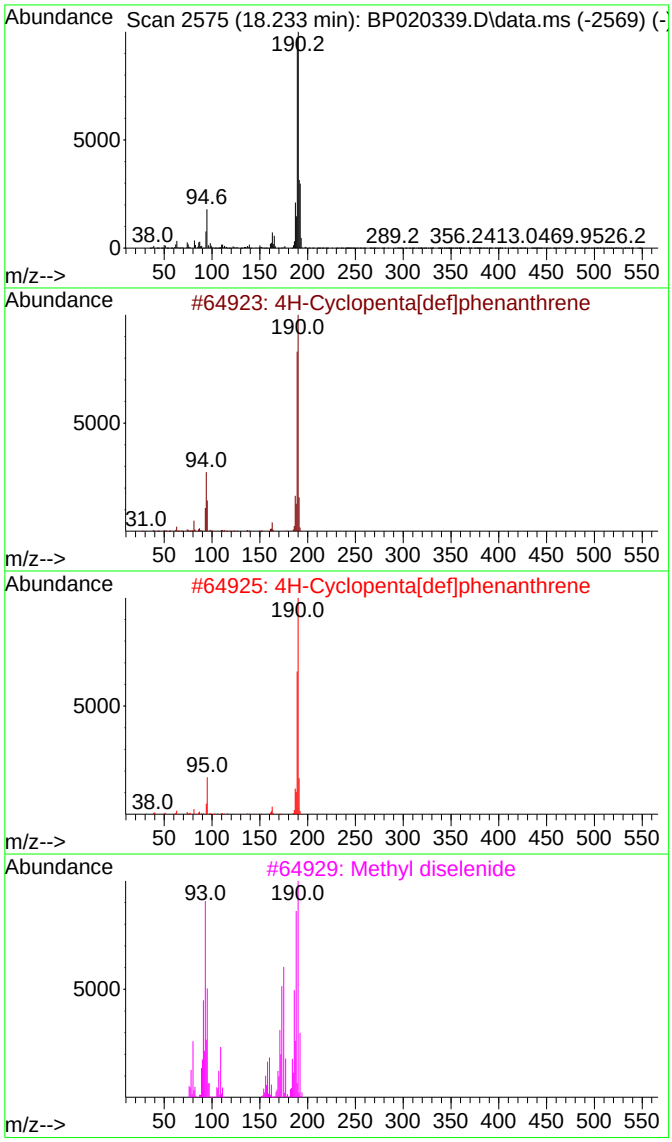
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

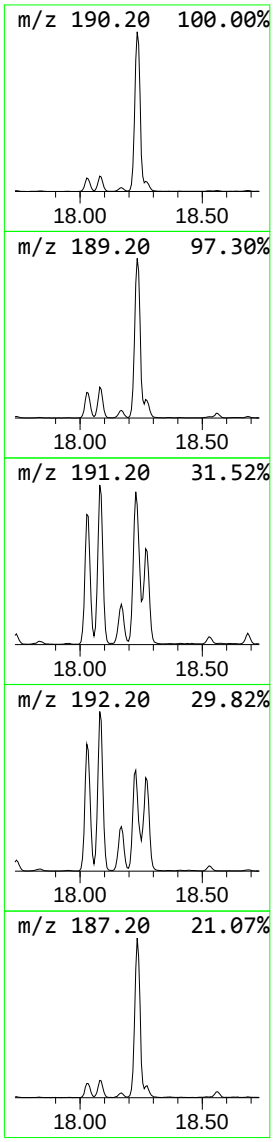
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	79.81 ng/ul	4849630	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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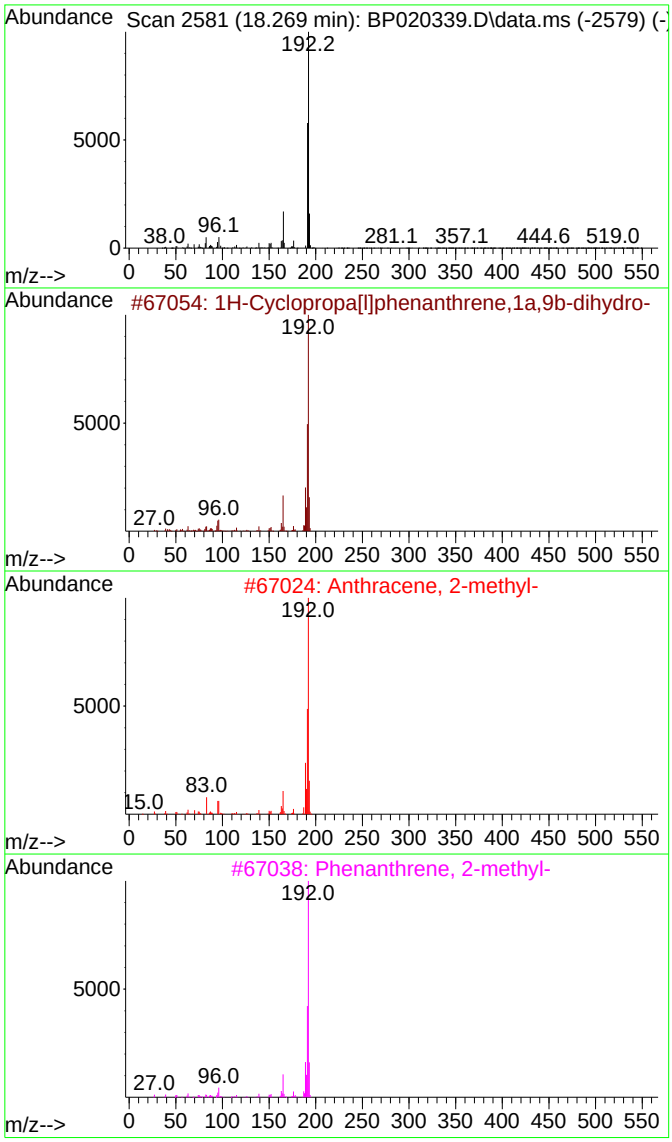
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

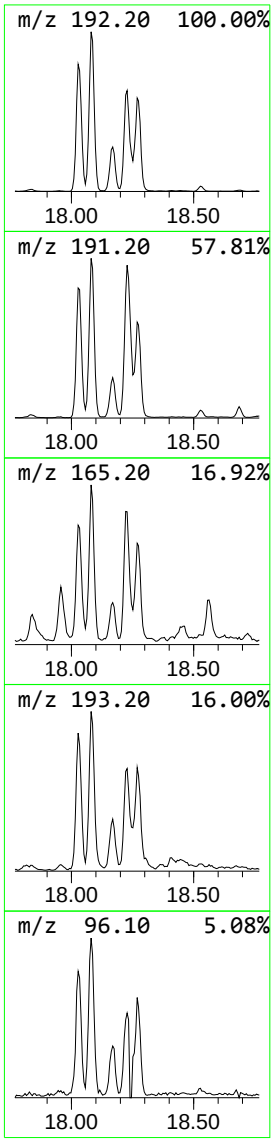
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	19.98 ng/ul	1214310	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

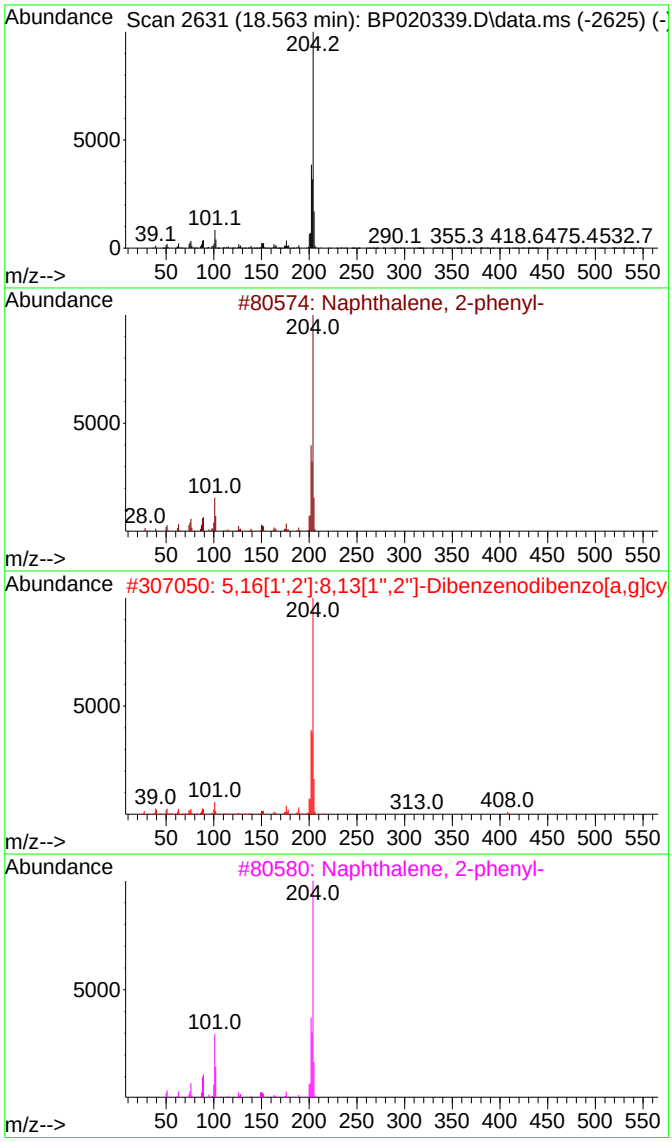
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

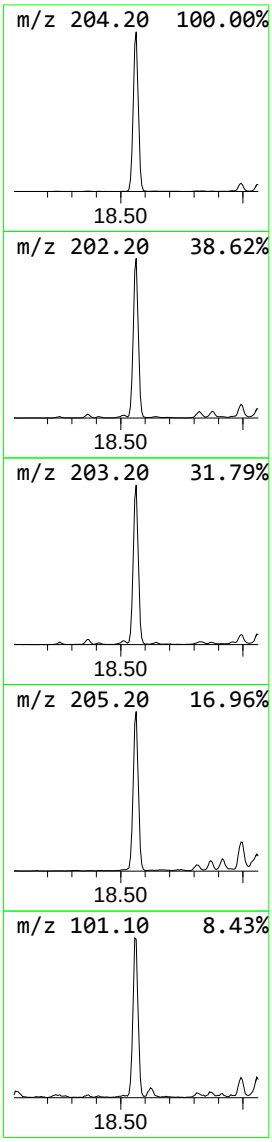
****

Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	76.17 ng/ul	4628280	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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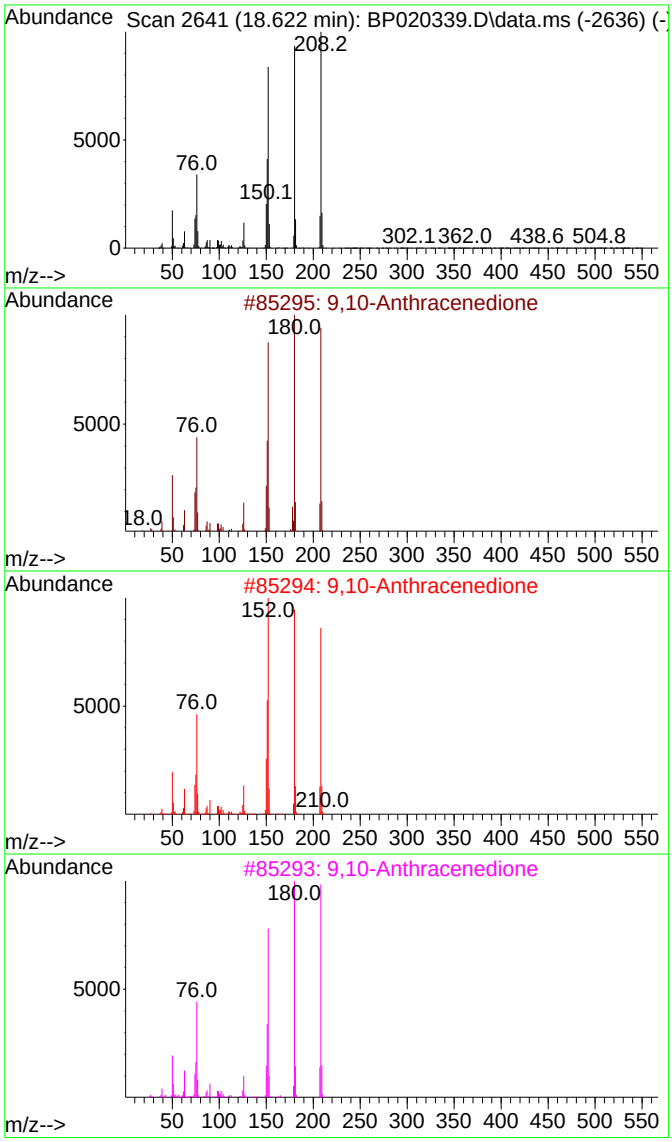
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

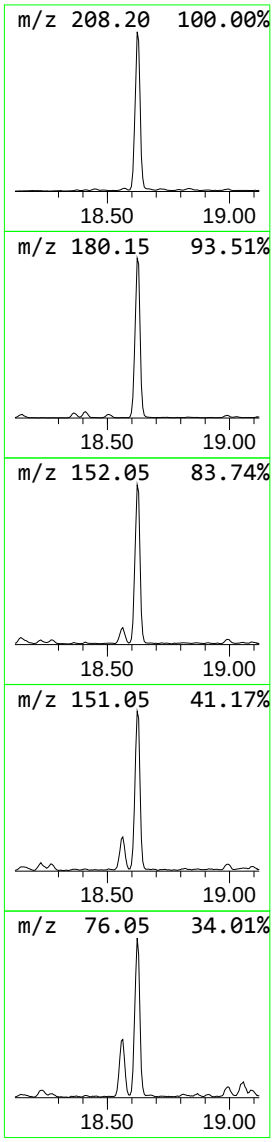
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	41.62 ng/ul	2528920	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

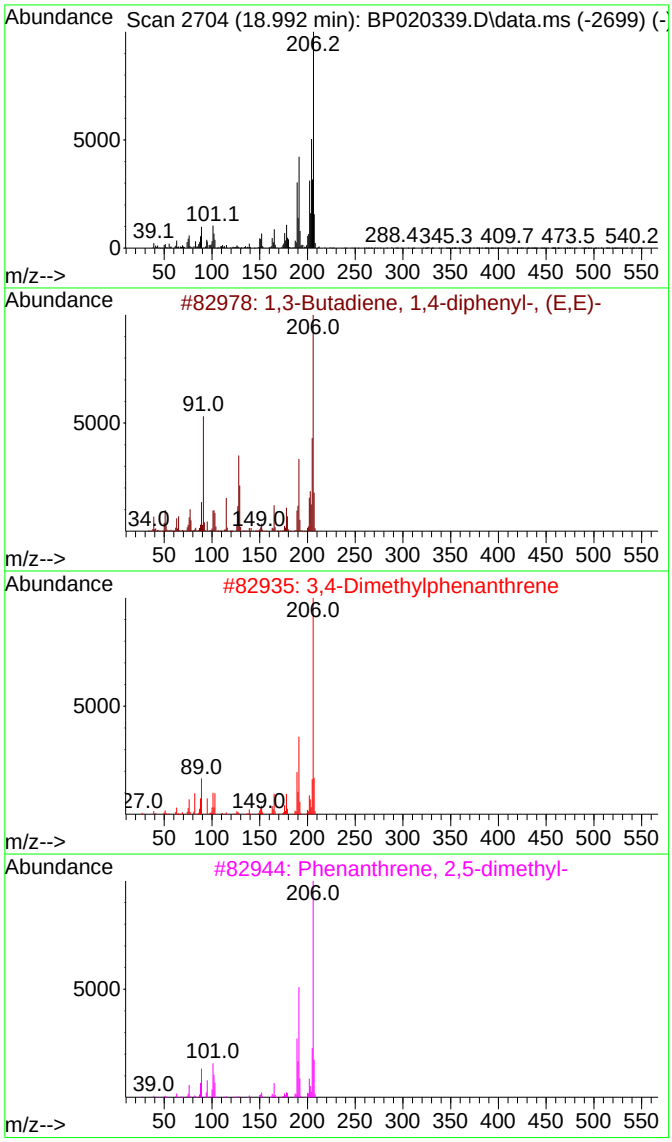
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

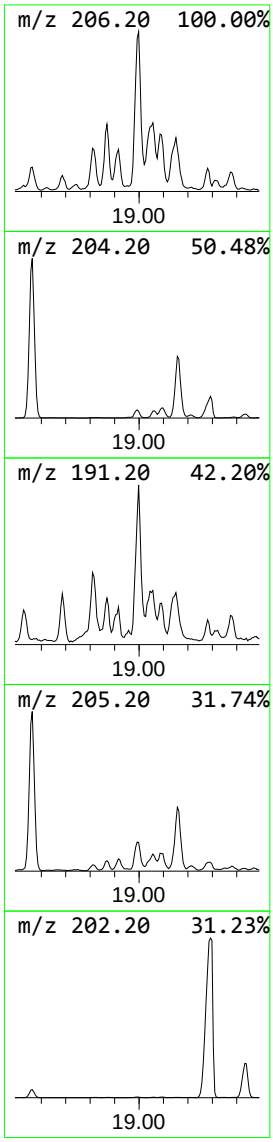
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,3-Butadiene, 1,4-diphenyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	17.31 ng/ul	1052130	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	91
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	83





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

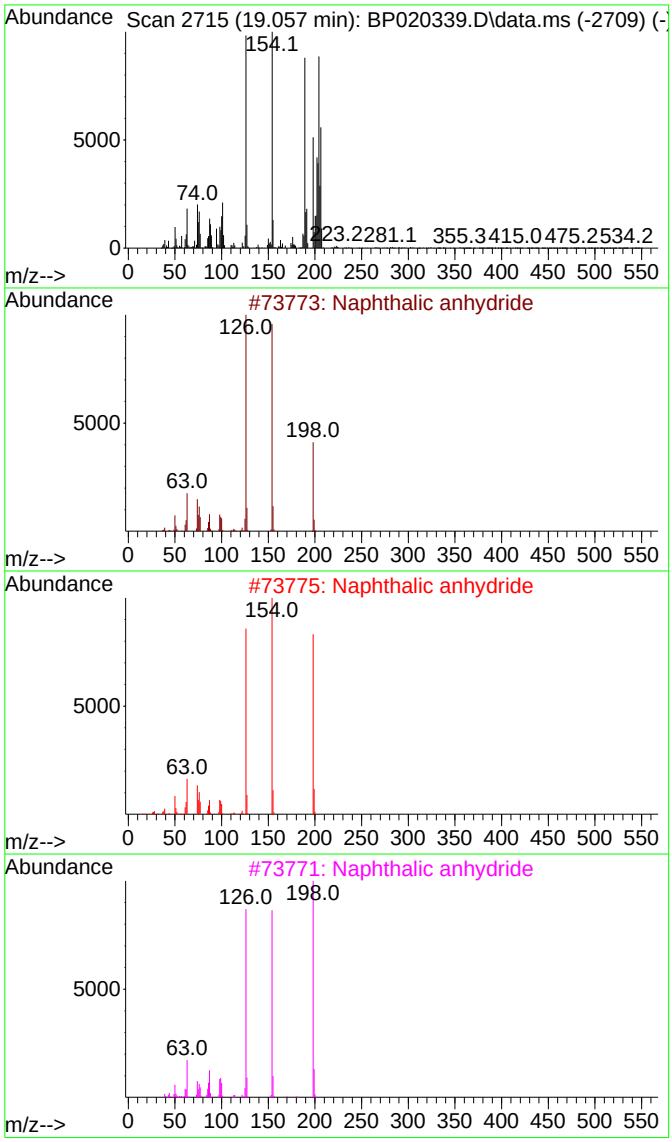
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

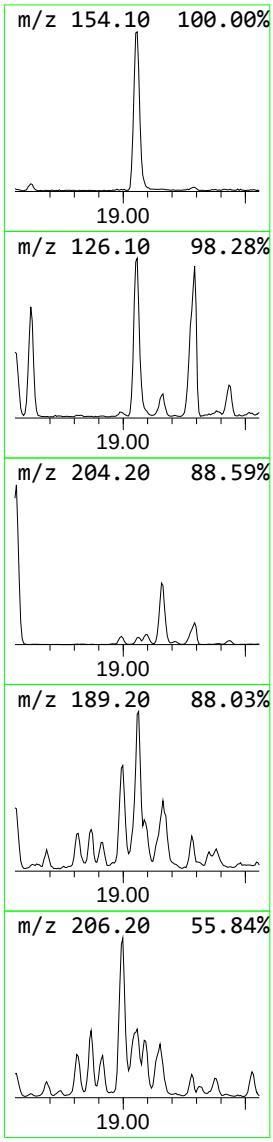
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalic anhydride Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	19.69 ng/ul	1196460	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	92
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	74
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	74
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	70





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

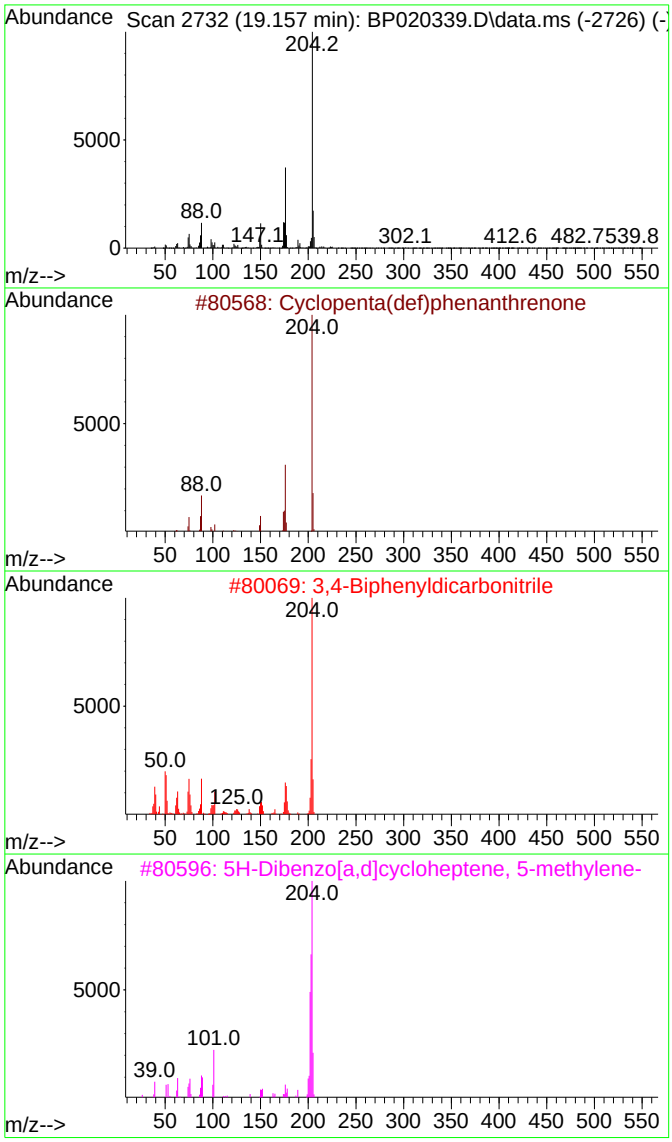
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

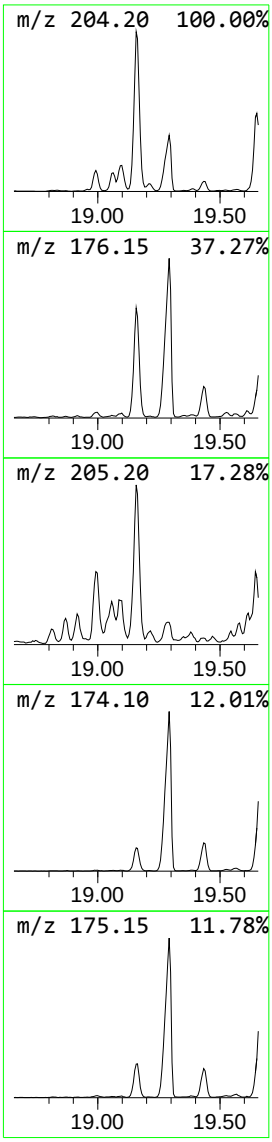
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	39.60 ng/ul	2406160	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
5	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	50





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Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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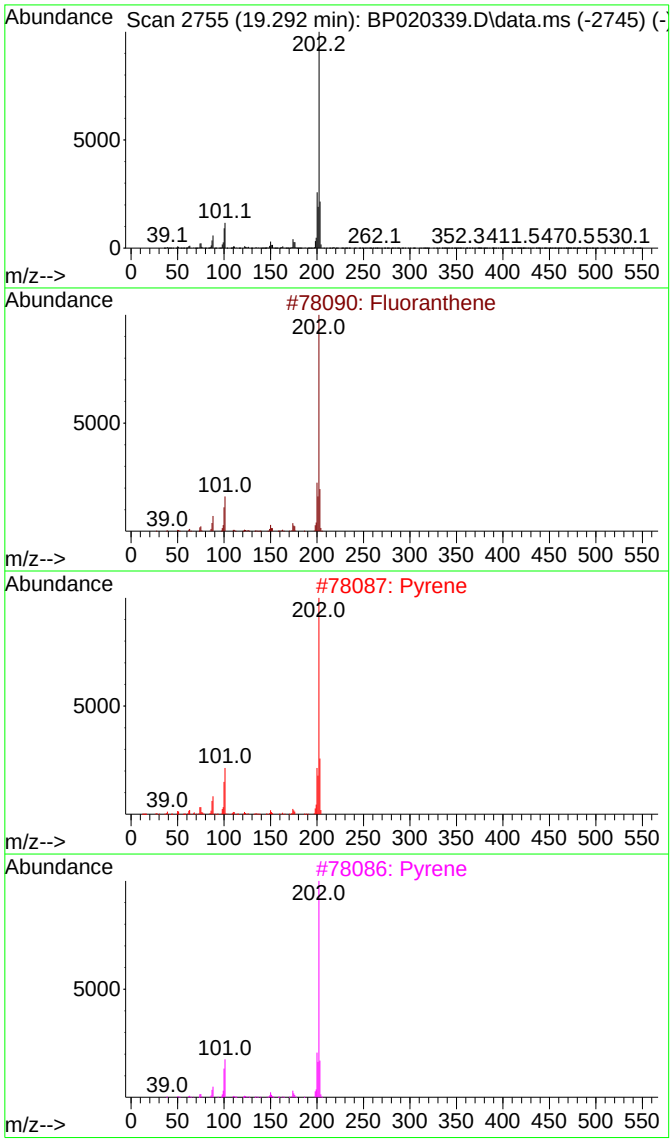
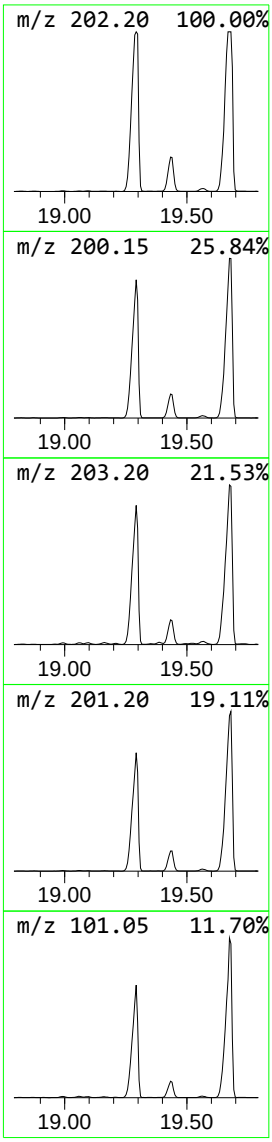
Peak Number 26 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	631.08 ng/ul	38347500	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	94
3	Pyrene	202	C16H10	000129-00-0	94
4	Fluoranthene	202	C16H10	000206-44-0	87
5	Pyrene	202	C16H10	000129-00-0	81





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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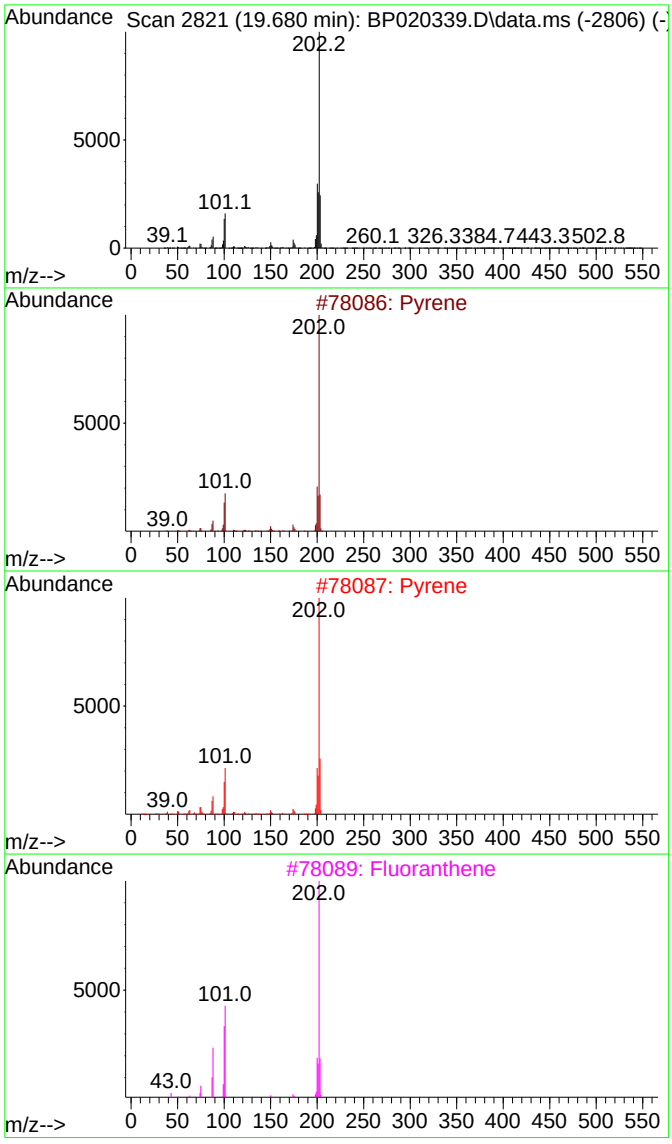
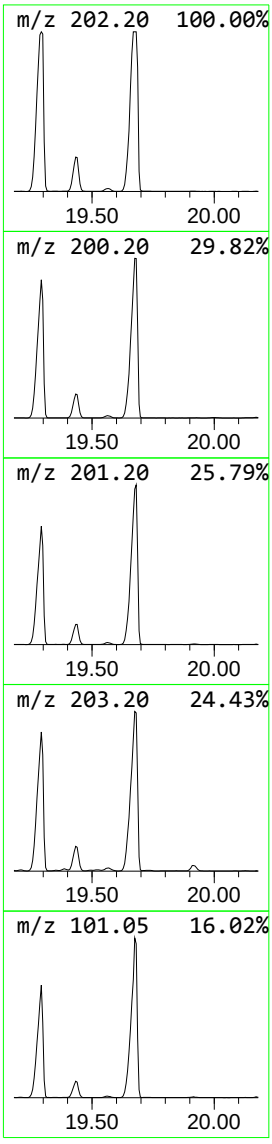
Peak Number 29 Pyr ene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.680	40.17 ng/ul	50266900	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	95
2	Pyrene	202	C16H10	000129-00-0	94
3	Fluoranthene	202	C16H10	000206-44-0	81
4	Pyrene	202	C16H10	000129-00-0	76
5	Pyrene	202	C16H10	000129-00-0	76





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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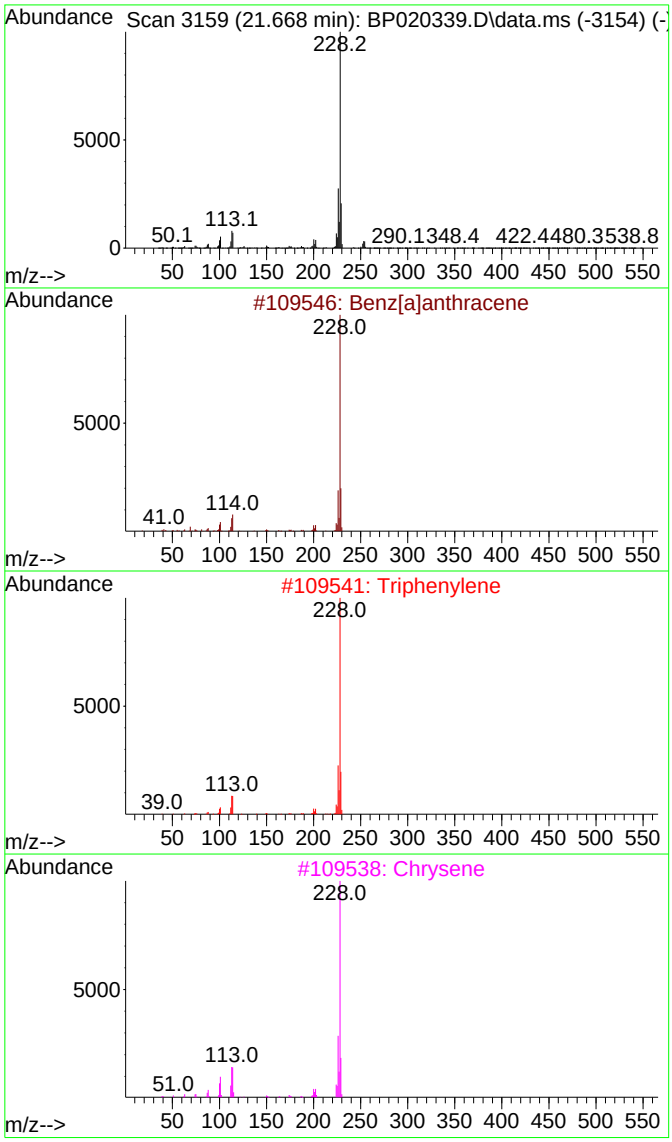
Quant Title : SVOA CALIBRATION

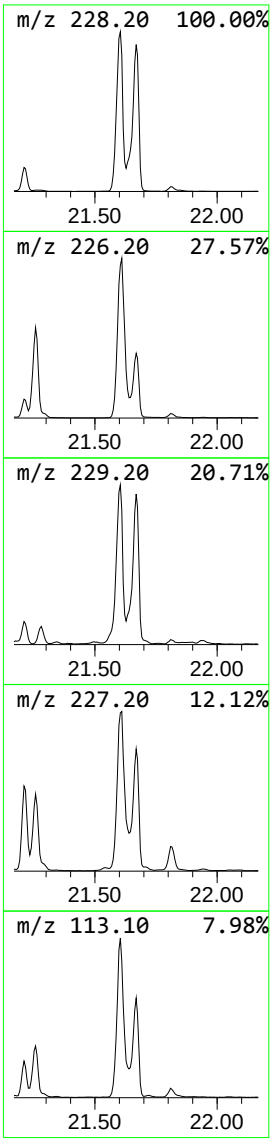
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benz[a]anthracene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.669	11.17 ng/ul	13974200	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene	228	C18H12	000056-55-3	98
2	Triphenylene	228	C18H12	000217-59-4	98
3	Chrysene	228	C18H12	000218-01-9	95
4	Chrysene	228	C18H12	000218-01-9	95
5	Triphenylene	228	C18H12	000217-59-4	94





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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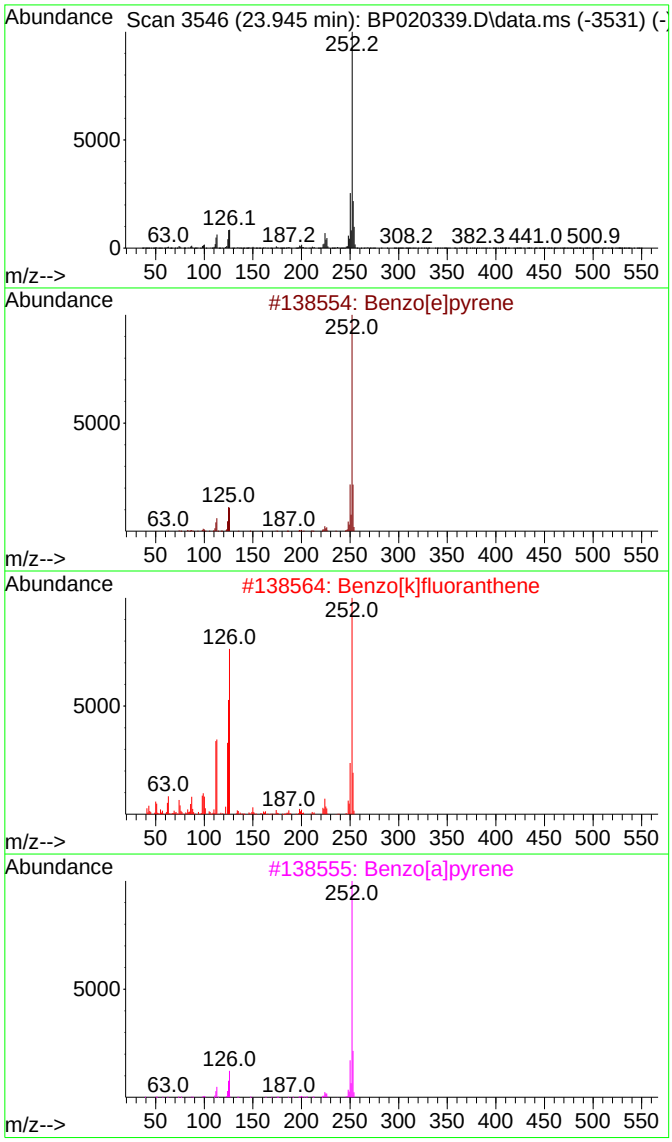
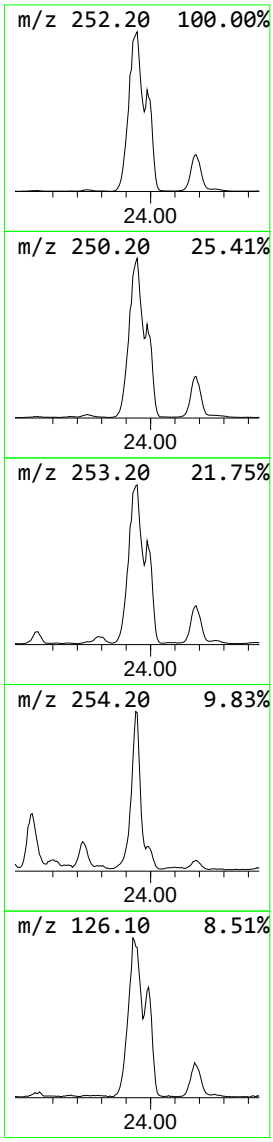
Peak Number 35 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.945	204.75 ng/ul	19133800	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





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Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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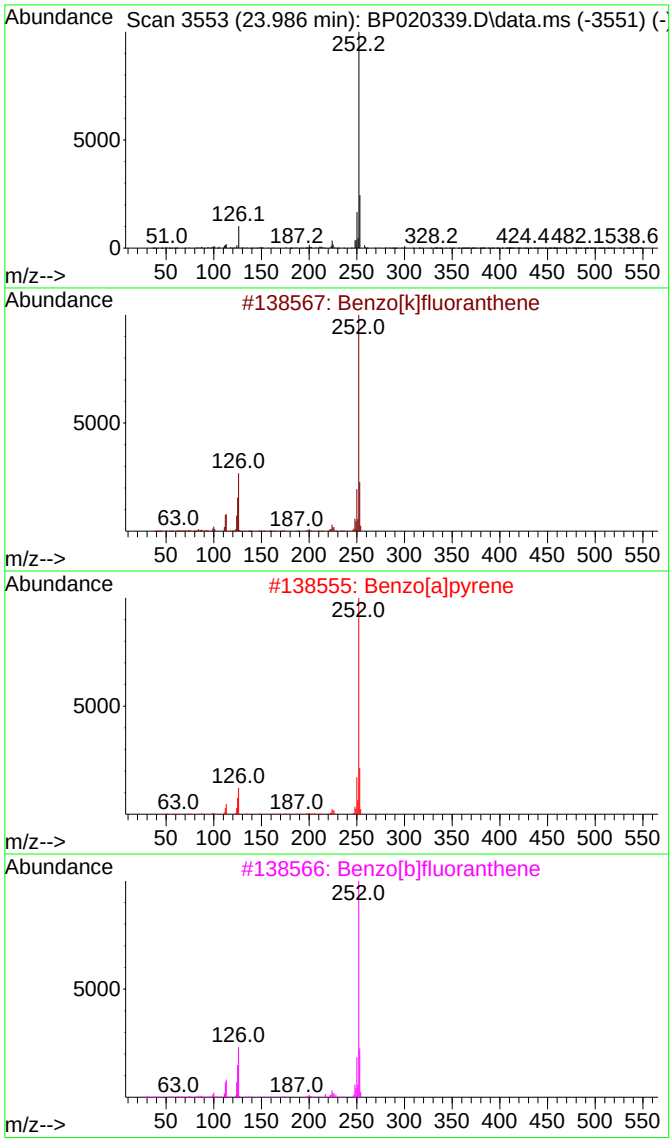
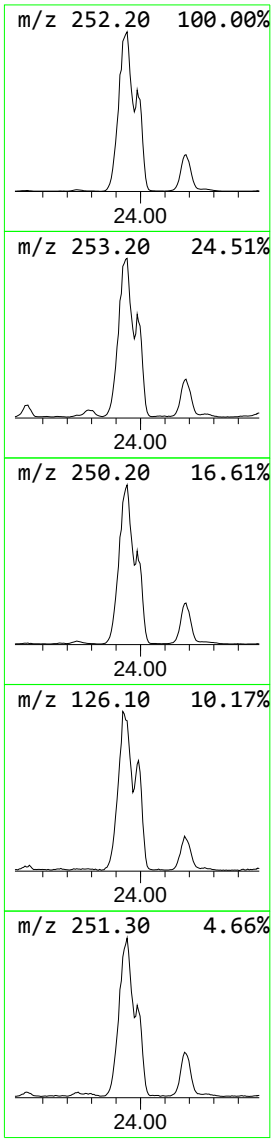
Peak Number 36 Benzo[k]fluoranthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	57.89 ng/ul	5409600	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	80
2	Benzo[a]pyrene	252	C20H12	000050-32-8	72
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
5	Perylene	252	C20H12	000198-55-0	64





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Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
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Instrument :
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ClientSampleId :
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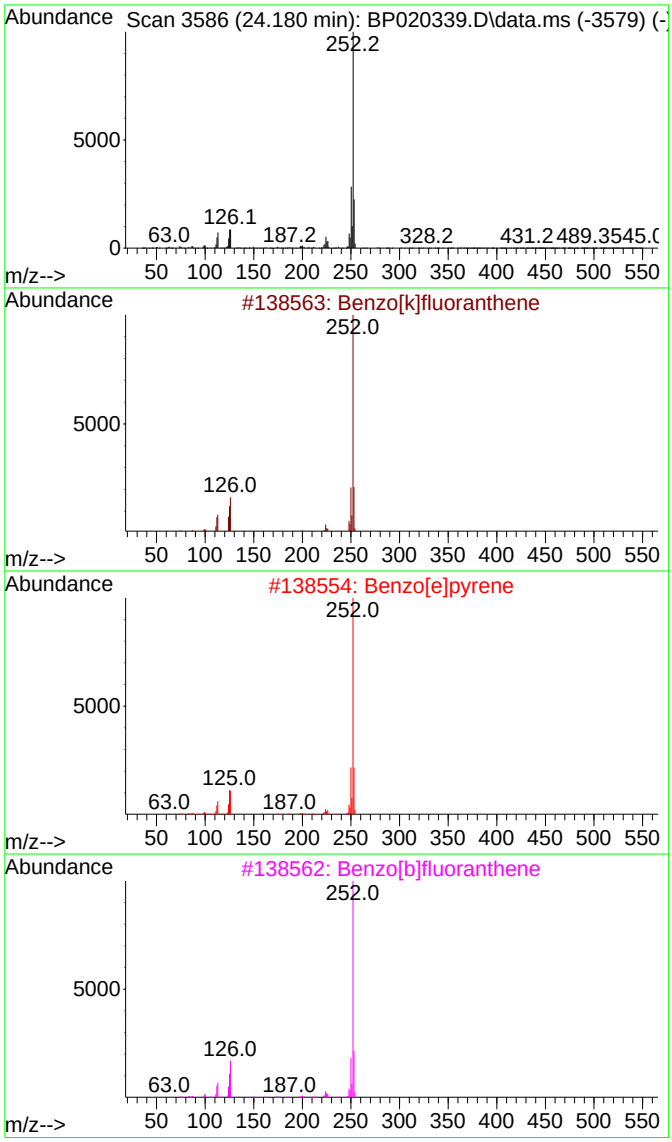
Quant Title : SVOA CALIBRATION

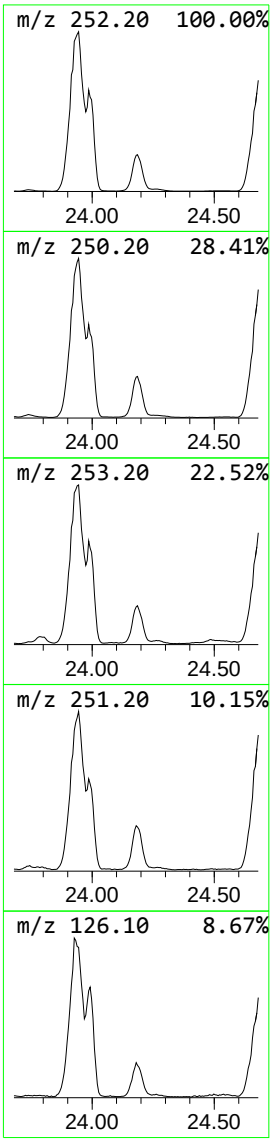
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzo[b]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	33.44 ng/ul	3124530	Perylene-d12	24.980

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





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Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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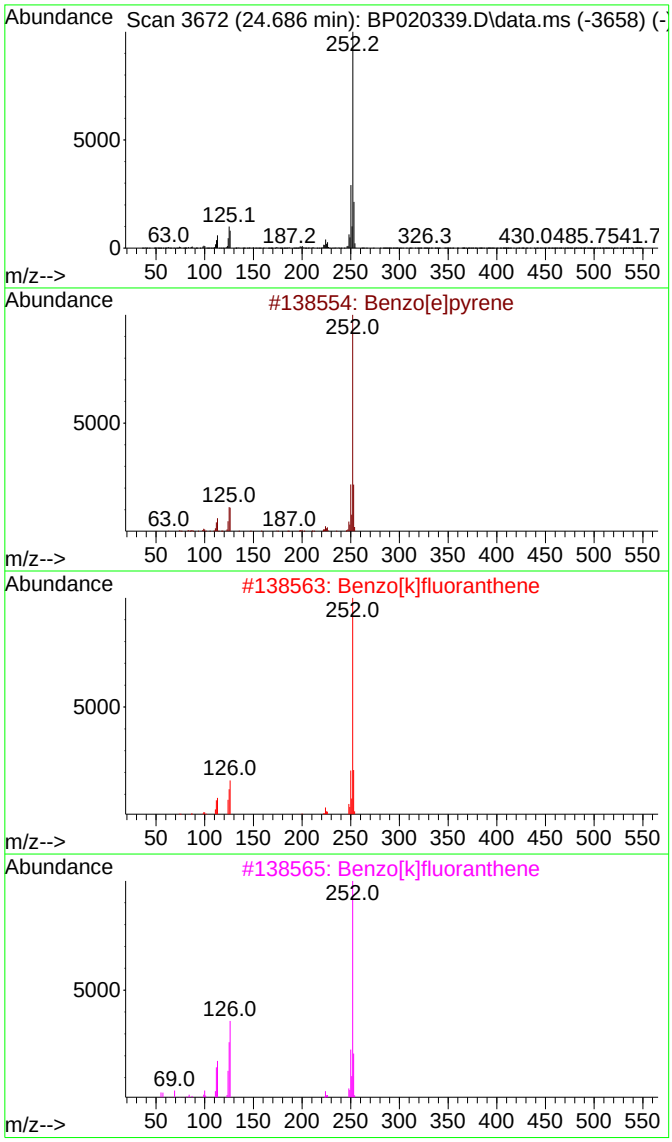
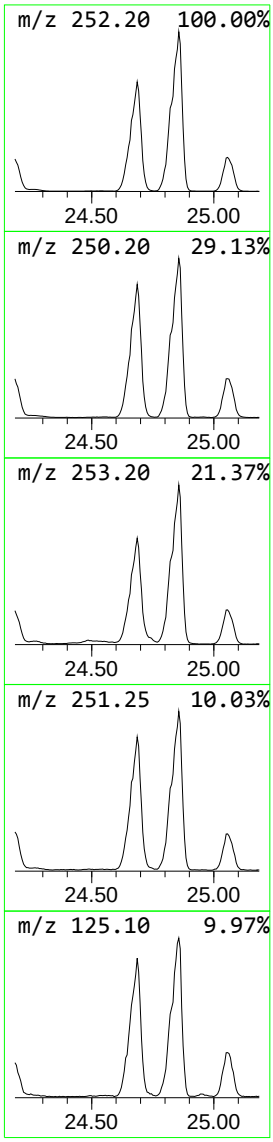
Peak Number 38 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.686	126.54 ng/ul	11824800	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





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Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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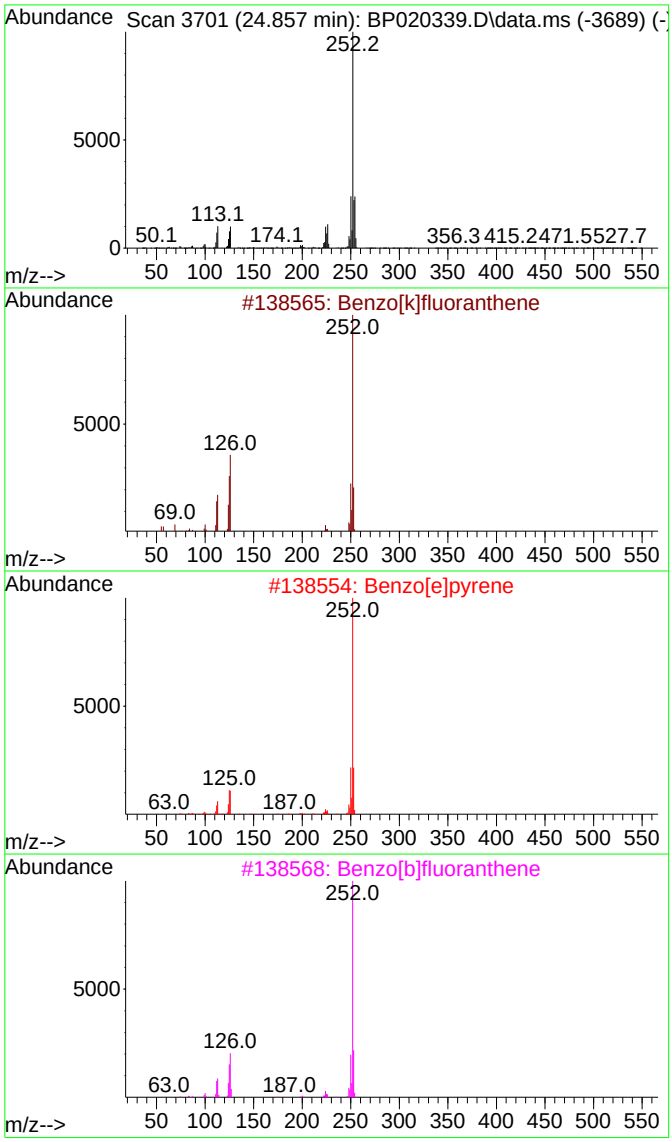
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

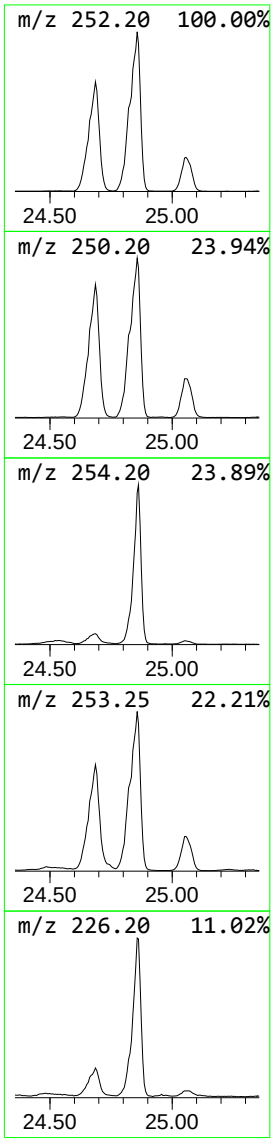
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzo[a]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.857	212.29 ng/ul	19838200	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
2	Benzo[e]pyrene	252	C20H12	000192-97-2	86
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70
4	Benzo[a]pyrene	252	C20H12	000050-32-8	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64





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Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

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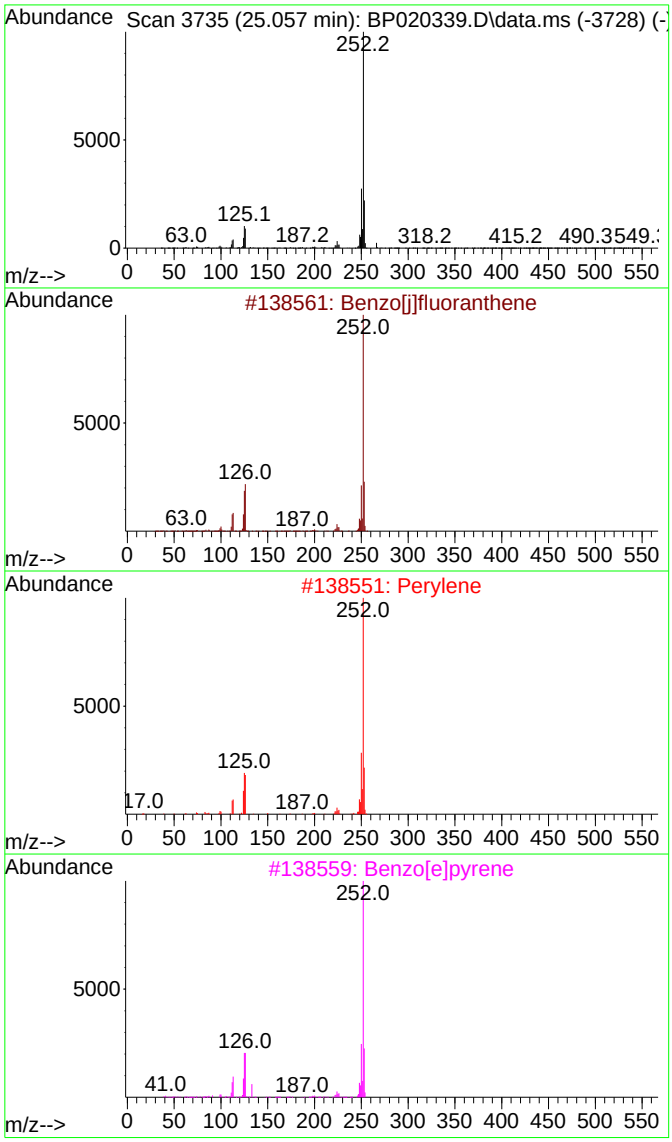
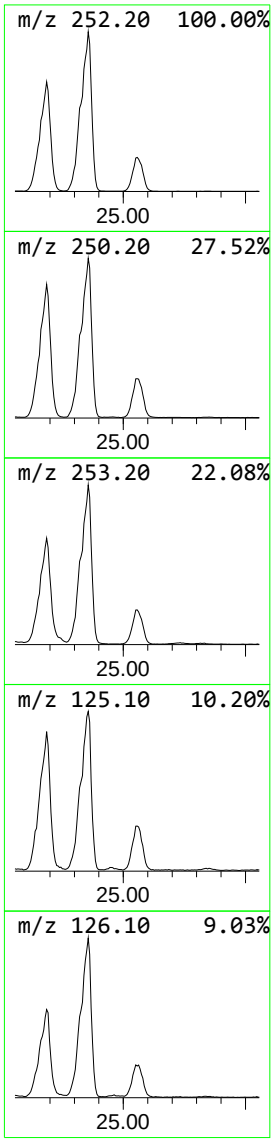
Peak Number 40 Perylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.057	37.55 ng/ul	3508550	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





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Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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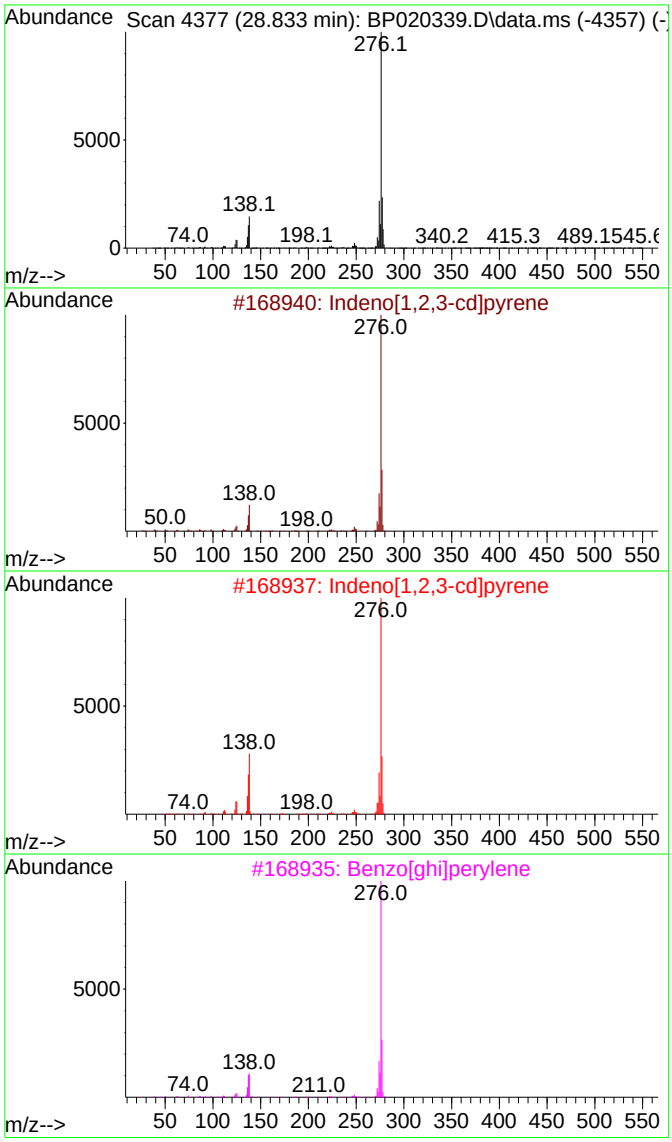
Quant Title : SVOA CALIBRATION

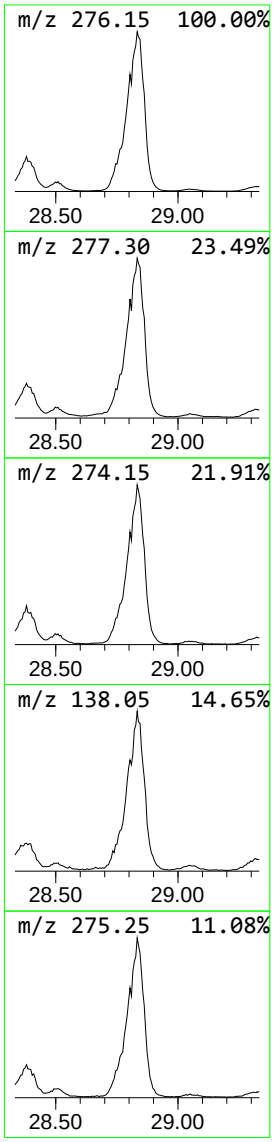
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Indeno[1,2,3-cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.833	147.15 ng/ul	13751000	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	98
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94





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Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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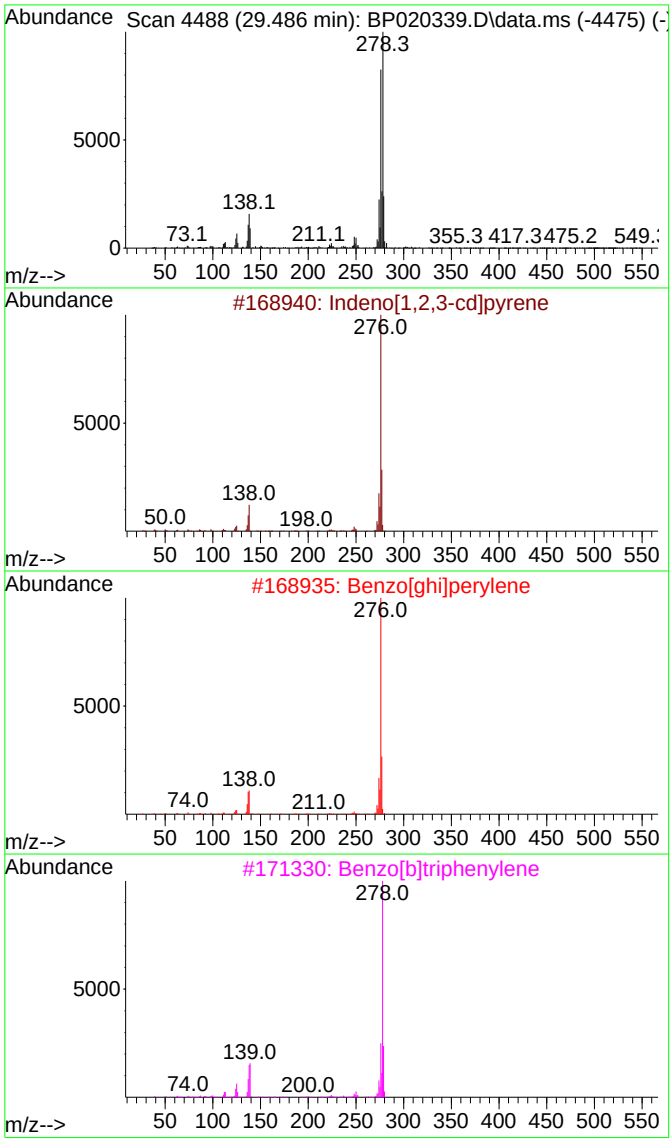
Quant Title : SVOA CALIBRATION

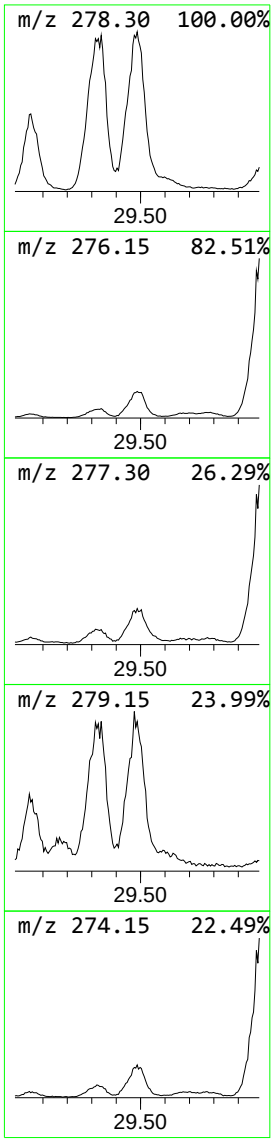
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzo[ghi]perylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.486	13.81 ng/ul	1290780	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	83
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	50
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	46





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ClientSampleId :
A43S0

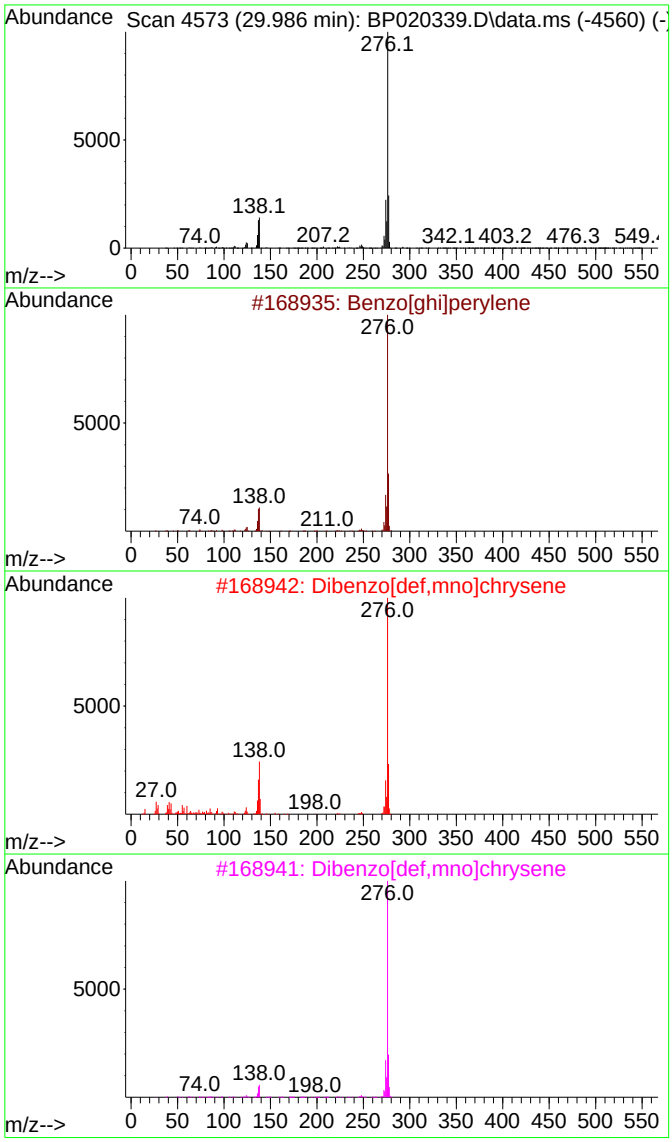
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

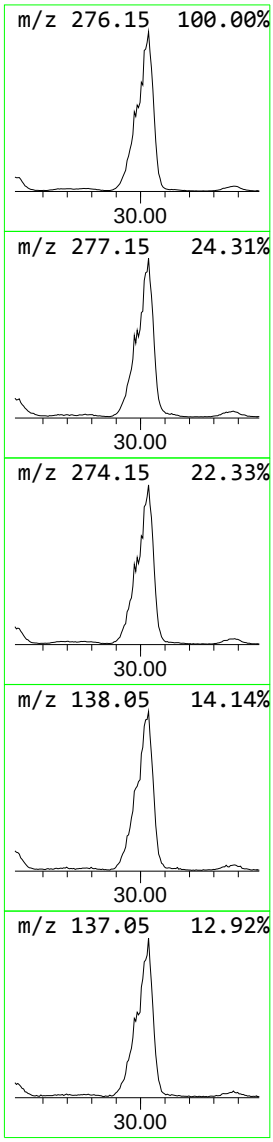
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.986	32.76 ng/ul	3061080	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	99
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

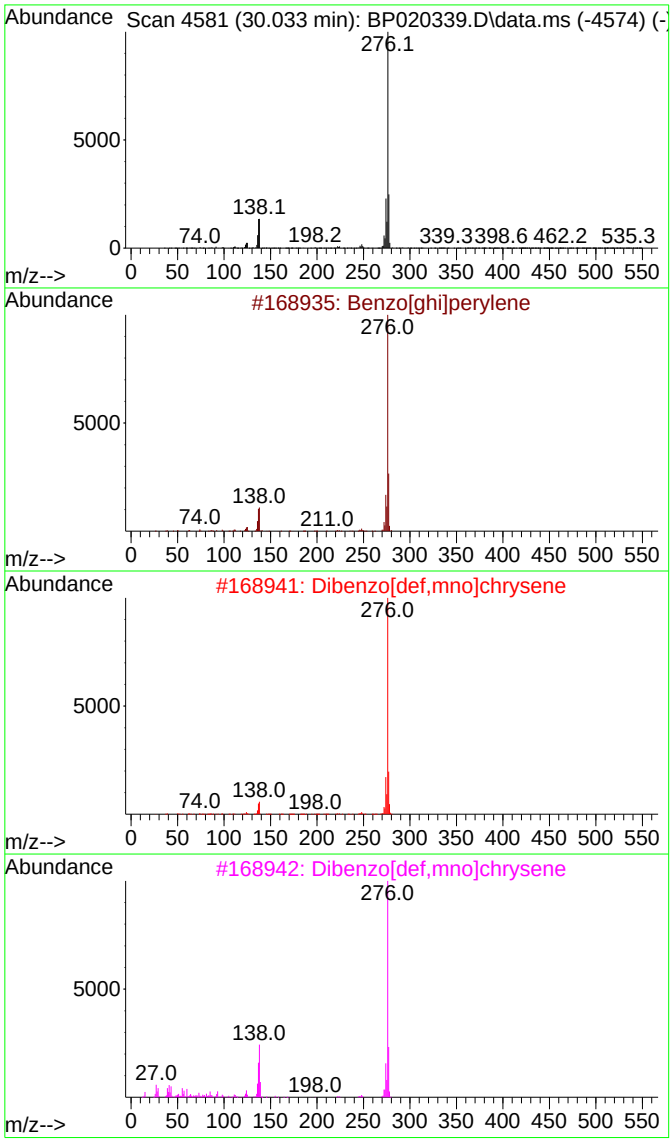
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

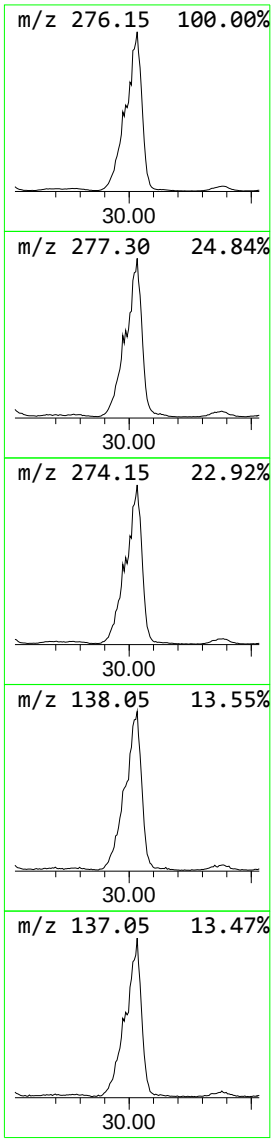
****

Peak Number 44 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.033	84.89 ng/ul	7932680	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	99
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aceto phenone	8.440	11.1	ng/ul	275598	1	7.610	496936	20.0
unknown-01	14.504	38.4	ng/ul	2005000	3	14.281	1044510	20.0
Fluo rene	15.357	19.5	ng/ul	1018820	3	14.281	1044510	20.0
9H-Fluoren-9-one	16.769	12.7	ng/ul	770172	4	17.116	1215290	20.0
Dibenzothiophene	16.922	16.0	ng/ul	973791	4	17.116	1215290	20.0
Carba zole	17.551	10.9	ng/ul	660534	4	17.116	1215290	20.0
Naphthalene, 1-...	17.663	28.2	ng/ul	1715790	4	17.116	1215290	20.0
Phenanthrene, 1...	18.028	29.7	ng/ul	1807330	4	17.116	1215290	20.0
Phenanthrene, 2...	18.080	41.8	ng/ul	2540080	4	17.116	1215290	20.0
Anthracene, 2-m...	18.169	10.3	ng/ul	627388	4	17.116	1215290	20.0
4H-Cyclopenta[d...	18.233	79.8	ng/ul	4849630	4	17.116	1215290	20.0
1H-Cyclopropa[l...	18.269	20.0	ng/ul	1214310	4	17.116	1215290	20.0
Naphthalene, 2-...	18.563	76.2	ng/ul	4628280	4	17.116	1215290	20.0
9,10-Anthracene...	18.622	41.6	ng/ul	2528920	4	17.116	1215290	20.0
1,3-Butadiene, ...	18.992	17.3	ng/ul	1052130	4	17.116	1215290	20.0
Naphthalic anhy...	19.057	19.7	ng/ul	1196460	4	17.116	1215290	20.0
Cyclopenta(def)...	19.157	39.6	ng/ul	2406160	4	17.116	1215290	20.0
Fluoran thene	19.292	631.1	ng/ul	38347500	4	17.116	1215290	20.0
Pyr ene	19.680	40.2	ng/ul	50266900	5	21.616	25029600	20.0
Benz[a]anthracene	21.669	11.2	ng/ul	13974200	5	21.616	25029600	20.0
Benzo[e]pyrene	23.945	204.8	ng/ul	19133800	6	24.980	1868960	20.0
Benzo[k]fluoran...	23.986	57.9	ng/ul	5409600	6	24.980	1868960	20.0
Benzo[b]fluoran...	24.180	33.4	ng/ul	3124530	6	24.980	1868960	20.0
Benzo[j]fluoran...	24.686	126.5	ng/ul	11824800	6	24.980	1868960	20.0
Benzo[a]pyrene	24.857	212.3	ng/ul	19838200	6	24.980	1868960	20.0
Perylene	25.057	37.5	ng/ul	3508550	6	24.980	1868960	20.0
Indeno[1,2,3-cd...	28.833	147.2	ng/ul	13751000	6	24.980	1868960	20.0
Benzo[ghi]perylene	29.486	13.8	ng/ul	1290780	6	24.980	1868960	20.0
Dibenzo[def,mno...	29.986	32.8	ng/ul	3061080	6	24.980	1868960	20.0
unknown-02	30.033	84.9	ng/ul	7932680	6	24.980	1868960	20.0