LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

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-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN032187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.463	1266	1271	1279	rVV	9012699	16547139	16.21%	1.039%
2	12.081	1536	1546	1553	rVV	6383039	10495901	10.28%	0.659%
3	12.305	1574	1584	1594	rVB	4374762	7565916	7.41%	0.475%
4	13.434	1769	1776	1778	rBV	2436639	4057941	3.98%	0.255%
5	13.599	1796	1804	1809	rVV	4028493	7764409	7.61%	0.488%
6	13.651	1809	1813	1817	rVV	3211769	4752243	4.66%	0.299%
7	13.834	1832	1844	1847	rBV2	2521345	4323683	4.24%	0.272%
8	13.969	1862	1867	1870	rVV2	2695960	4424318	4.33%	0.278%
9	14.351	1925	1932	1938	rBV	15153115	28221271	27.65%	1.773%
10	14.593	1967	1973	1978	rVB	2885398	4780515	4.68%	0.300%
11	14.687	1982	1989	1996	rVV	12203073	20878653	20.46%	1.312%
12	15.275	2083	2089	2094	rVV2	3167606	5540593	5.43%	0.348%
13	15.346	2094	2101	2110	rVB	15108646	29856572	29.25%	1.876%
14	15.428	2110	2115	2117	rBV	2753510	3972289	3.89%	0.250%
15	15.457	2117	2120	2123	rVV	4244993	5899888	5.78%	0.371%
16	15.498	2123	2127	2130	rVV	4984791	7294583	7.15%	0.458%
17	15.540	2130	2134	2138	rVV2	4719246	6870024	6.73%	0.432%
18	15.581	2138	2141	2145	rVV2	3083854	4488815	4.40%	0.282%
19	15.628	2145	2149	2157	rVB	6906880	10732690	10.52%	0.674%
20	15.775	2169	2174	2182	rVB	7092318	14744665	14.45%	0.926%
21	15.863	2182	2189	2196	rVB2	2126771	5073621	4.97%	0.319%
22	15.987	2203	2210	2219	rVB5	2011759	5098622	5.00%	0.320%
23	16.263	2249	2257	2260	rBV3	2461038	4396633	4.31%	0.276%
24	16.340	2262	2270	2274	rVB3	5249646	12015394	11.77%	0.755%
25	16.387	2274	2278	2283	rVB2	3198691	4529772	4.44%	0.285%
26	16.487	2289	2295	2300	rVB3	2740639	5360208	5.25%	0.337%
27	16.569	2305	2309	2312	rVV3	2916018	4422170	4.33%	0.278%
28	16.610	2312	2316	2319	rVB3	2895614	4042514	3.96%	0.254%
29	16.704	2326	2332	2338	rVB	5108332	9451131	9.26%	0.594%
30	16.787	2338	2346	2353	rBV3	6773092	16787769	16.45%	1.055%
31	16.857	2353	2358	2367	rVB	8950632	14822007	14.52%	0.931%
32	17.128	2382	2404	2407	rBV2	29351280	102062264	100.00%	6.411%
33	17.157	2407	2409	2410	rVV	5549956	5430647	5.32%	0.341%
34	17.198	2410	2416	2420	rVV	19022487	39992953	39.18%	2.512%
35	17.240	2420	2423	2427	rVV	4974804	6939840	6.80%	0.436%
36	17.463	2450	2461	2473	rVV2	12675229	33091066	32.42%	2.079%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

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-BN052924.MA.M
Title : SVOA CALIBRATION

37	17.557	2473	2477	2483	rBV4	3124711	5517116	5.41%	0.347%
38	17.628	2483	2489	2496	rVV5	4597627	11812556	11.57%	0.742%
39	17.757	2507	2511	2516	rVB2	2369994	3839504	3.76%	0.241%
40	17.922	2530	2539	2543	rBV2	12919046	26819766	26.28%	1.685%
41	17.975	2543	2548	2553	rVB	16280179	29131365	28.54%	1.830%
42	18.051	2553	2561	2566	rBV	10706011	18627148	18.25%	1.170%
43	18.122	2566	2573	2577	rBV2	16136705	39130132	38.34%	2.458%
44	18.157	2577	2579	2584	rVB	11708988	13041999	12.78%	0.819%
45	18.222	2585	2590	2595	rBV3	3630252	6143874	6.02%	0.386%
46	18.275	2595	2599	2603	rVB	3159711	4099441	4.02%	0.258%
47	18.422	2619	2624	2629	rVB	10387374	16576769	16.24%	1.041%
48	18.487	2629	2635	2640	rBV	6147049	10413928	10.20%	0.654%
49	18.663	2660	2665	2670	rBV2	4621204	7425007	7.27%	0.466%
50	18.716	2670	2674	2677	rVB	4383083	5380777	5.27%	0.338%
51	18.757	2677	2681	2687	rVB3	3324077	5411492	5.30%	0.340%
52	18.839	2688	2695	2700	rBV	7583401	16247418	15.92%	1.021%
53	18.904	2700	2706	2710	rBV4	4108221	7847090	7.69%	0.493%
54	19.010	2716	2724	2734	rVB4	4697939	14473552	14.18%	0.909%
55	19.151	2735	2748	2751	rVV2	28087414	87720723	85.95%	5.510%
56	19.216	2755	2759	2765	rVB3	4033428	6978770	6.84%	0.438%
57	19.351	2774	2782	2787	rBV3	5106989	10864436	10.64%	0.682%
58	19.486	2795	2805	2806	rBV3	21785108	47689034	46.73%	2.996%
59	19.551	2812	2816	2822	rVB2	9362853	14279730	13.99%	0.897%
60	19.657	2822	2834	2839	rBV	9657276	18782621	18.40%	1.180%
61	19.728	2840	2846	2852	rVB	7145776	12898937	12.64%	0.810%
62	19.810	2852	2860	2866	rBV2	9159019	24317192	23.83%	1.528%
63	19.981	2876	2889	2893	rVB3	14182540	41616452	40.78%	2.614%
64	20.081	2900	2906	2909	rVV	12386347	20249817	19.84%	1.272%
65	20.134	2909	2915	2919	rVV2	10068595	24139784	23.65%	1.516%
66	20.169	2919	2921	2925	rVV	6435036	8717821	8.54%	0.548%
67	20.210	2925	2928	2933	rVB	4552984	6595570	6.46%	0.414%
68	20.275	2934	2939	2942	rBV	6271537	9476013	9.28%	0.595%
69	20.322	2943	2947	2957	rVB2	8649246	15429408	15.12%	0.969%
70	20.404	2958	2961	2965	rBV2	2603167	4199275	4.11%	0.264%
71	20.563	2984	2988	2991	rVV3	4694155	8052152	7.89%	0.506%
72	20.604	2991	2995	3003	rVB3	6886653	13788990	13.51%	0.866%
73	20.686	3004	3009	3012	rBV3	3252785	5975289	5.85%	0.375%
74	20.733	3012	3017	3022	rVB	8220026	13006361	12.74%	0.817%
75	20.898	3040	3045	3048	rBV	7519328	12563364	12.31%	0.789%
76	20.933	3048	3051	3055	rVV	8228218	12469053	12.22%	0.783%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

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-BN052924.MA.M
Title : SVOA CALIBRATION

77	20.980	3055	3059	3067	rVV3	7163919	15431328	15.12%	0.969%
78	21.057	3067	3072	3080	rVB	9007953	17610825	17.25%	1.106%
79	21.151	3081	3088	3094	rBV	3218319	9021668	8.84%	0.567%
80	21.292	3100	3112	3117	rBV3	18700780	68029264	66.65%	4.273%
81	21.480	3139	3144	3151	rBV	7709681	13252636	12.98%	0.833%
82	21.616	3164	3167	3170	rVB	3673824	4738150	4.64%	0.298%
83	21.669	3171	3176	3181	rVB3	3892356	8384588	8.22%	0.527%
84	21.833	3199	3204	3209	rBV4	2961982	5352227	5.24%	0.336%
85	21.892	3209	3214	3219	rVV2	4070546	9904921	9.70%	0.622%
86	21.963	3221	3226	3231	rVV	10083532	21068520	20.64%	1.323%
87	22.028	3232	3237	3244	rVB	5650377	10345627	10.14%	0.650%
88	22.157	3255	3259	3264	rVB5	3814357	6894448	6.76%	0.433%
89	22.216	3264	3269	3273	rBV	5143490	10680005	10.46%	0.671%
90	22.333	3283	3289	3295	rVB2	3937738	8313857	8.15%	0.522%
91	22.604	3328	3335	3340	rBV3	4858647	12488148	12.24%	0.784%
92	22.975	3391	3398	3403	rBV4	3803755	9506126	9.31%	0.597%
93	23.363	3445	3464	3468	rBV3	14838584	79090522	77.49%	4.968%
94	23.551	3489	3496	3502	rBV2	6674951	14026691	13.74%	0.881%
95	23.751	3520	3530	3537	rBV2	2458589	10112258	9.91%	0.635%
96	23.974	3561	3568	3582	rVV4	5658301	19928826	19.53%	1.252%
97	24.133	3583	3595	3602	rVB	11774477	36918938	36.17%	2.319%
98	25.474	3818	3823	3832	rVB5	1490623	3942002	3.86%	0.248%
99	27.610	4171	4186	4201	rVB5	7395047	42226126	41.37%	2.653%
100	27.992	4236	4251	4261	rBV3	3404442	16150338	15.82%	1.015%

Sum of corrected areas: 1591896484

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Data File : BN032187.D
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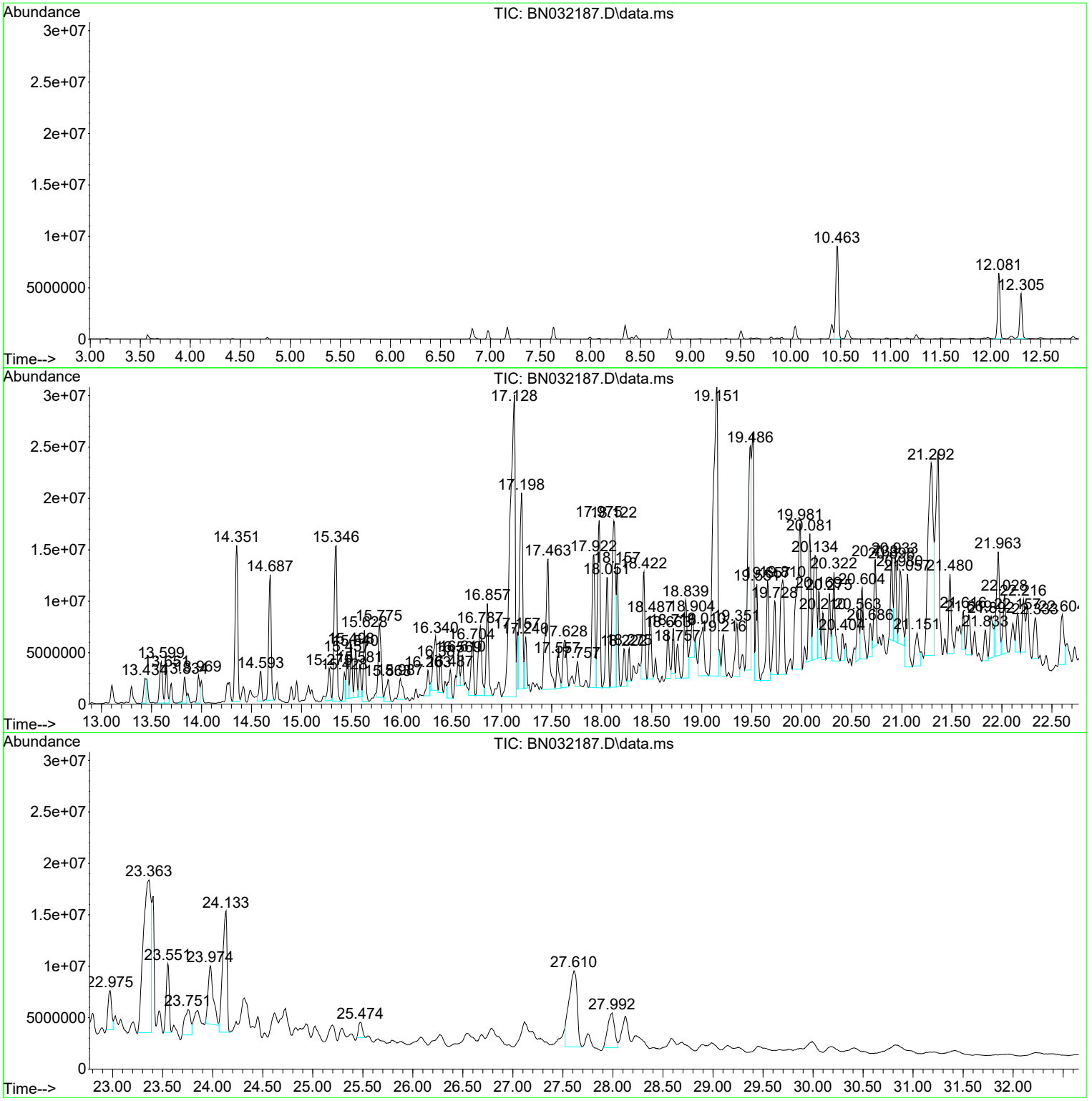
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

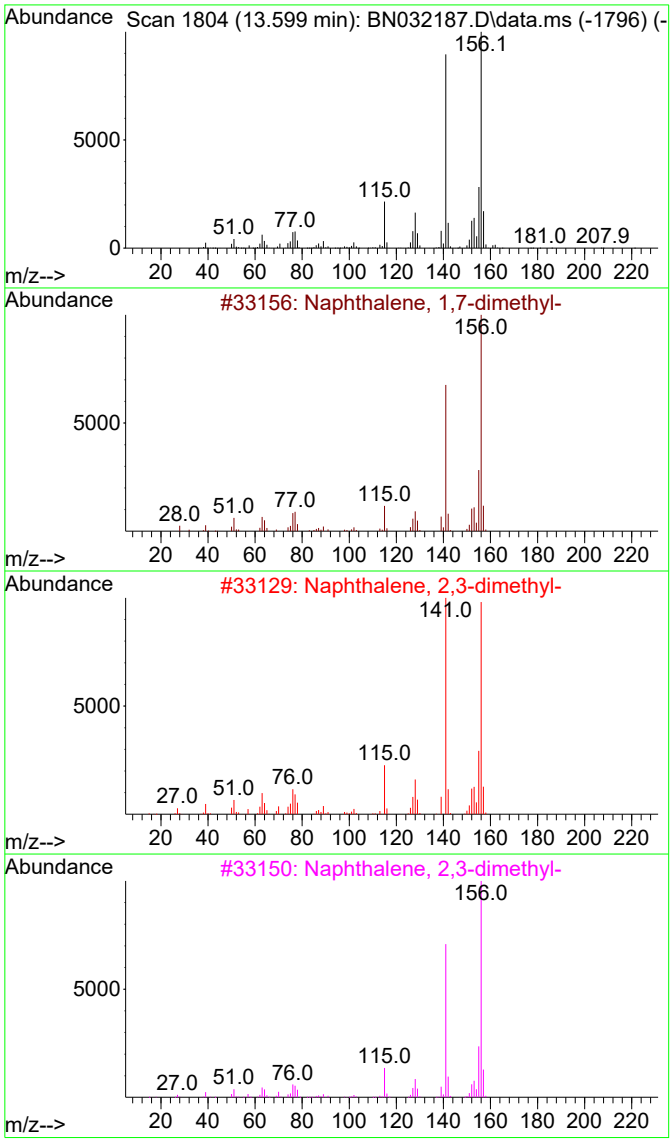
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

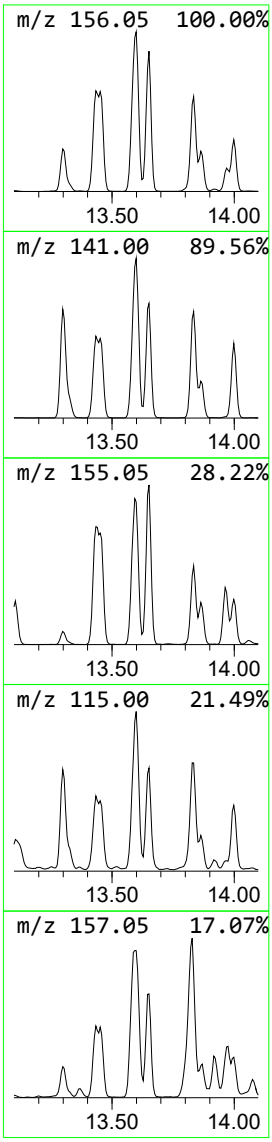
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.599	5.50 ng/ul	7764410	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

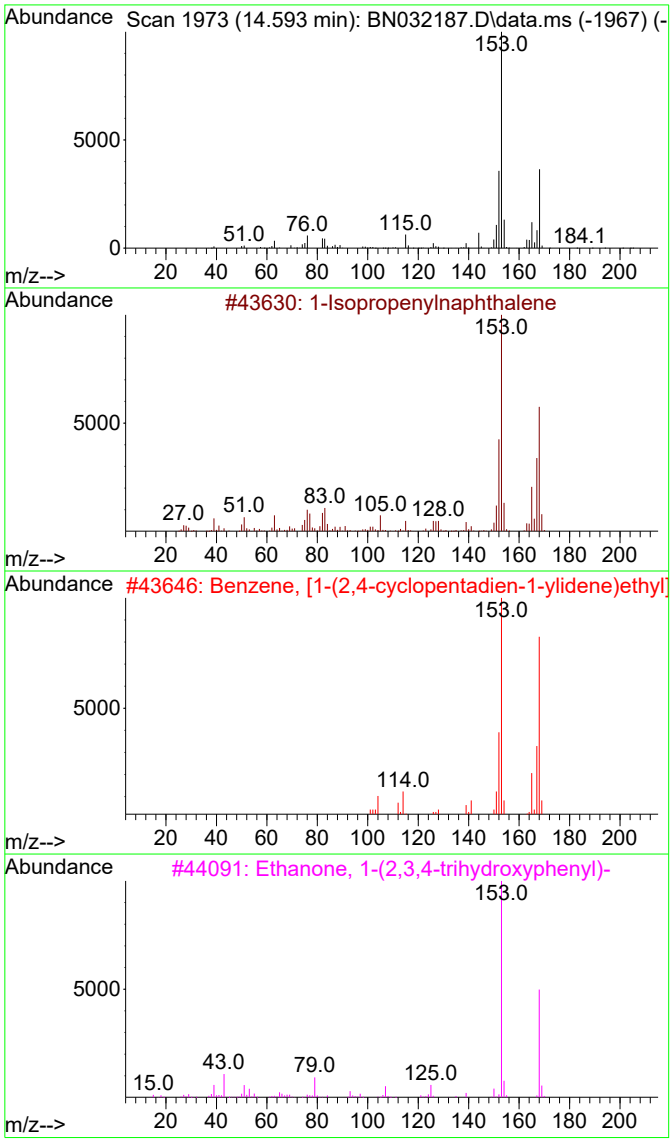
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

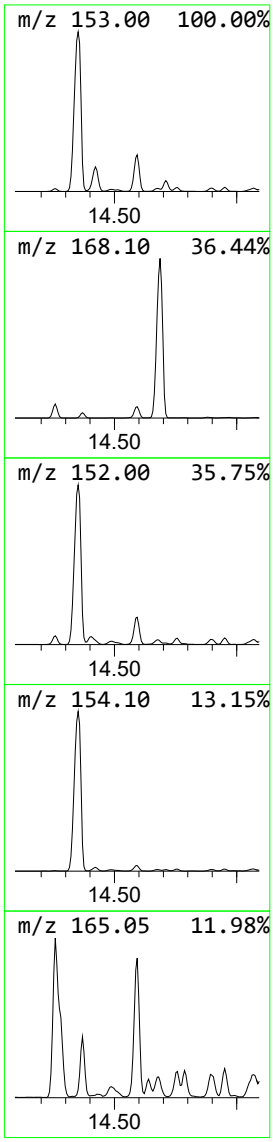
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	3.39 ng/ul	4780520	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	40





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Instrument :
BNA_N
ClientSampleId :
A4D56

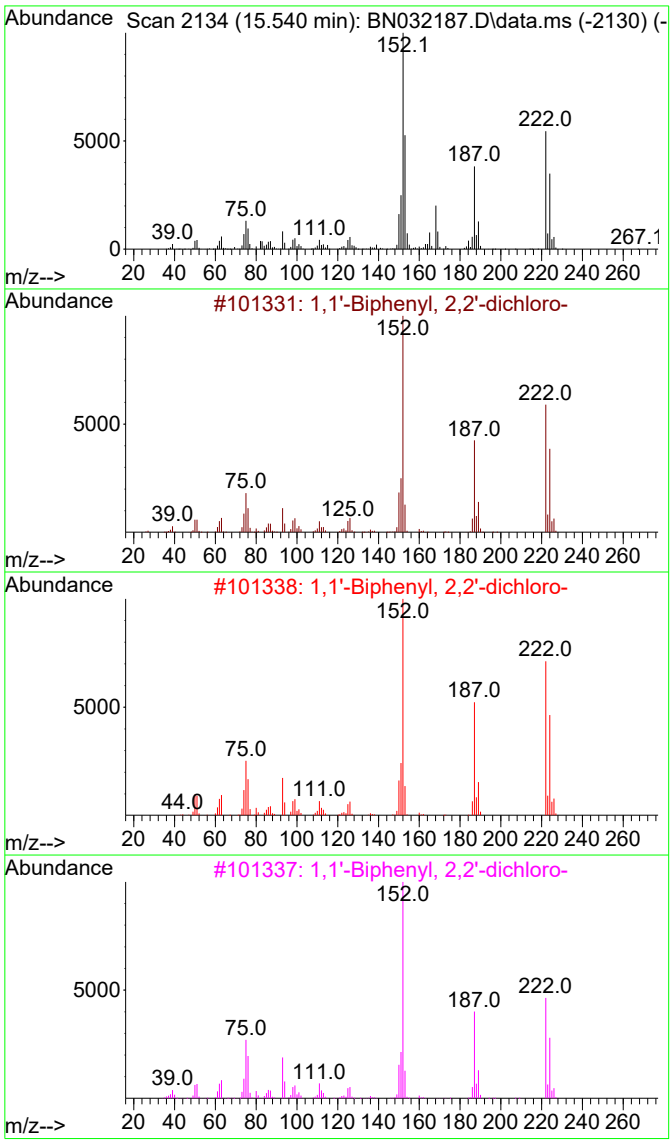
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

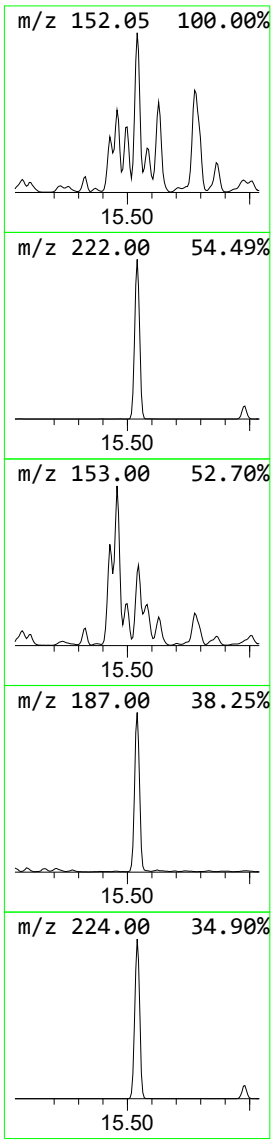
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.540	4.87 ng/ul	6870020	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	92
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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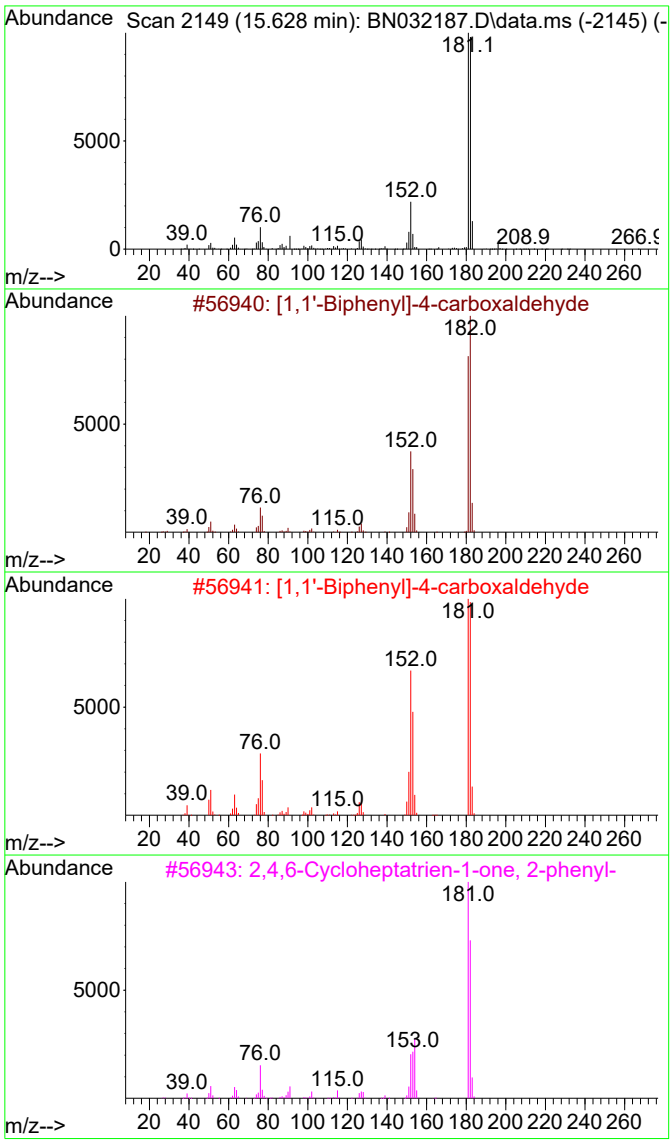
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

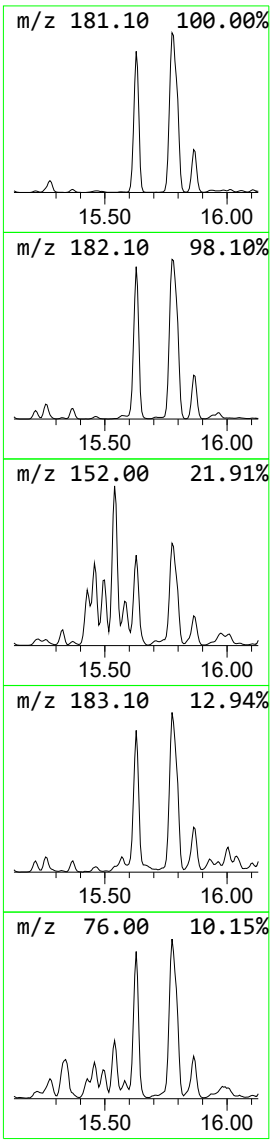
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	7.61 ng/ul	10732700	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

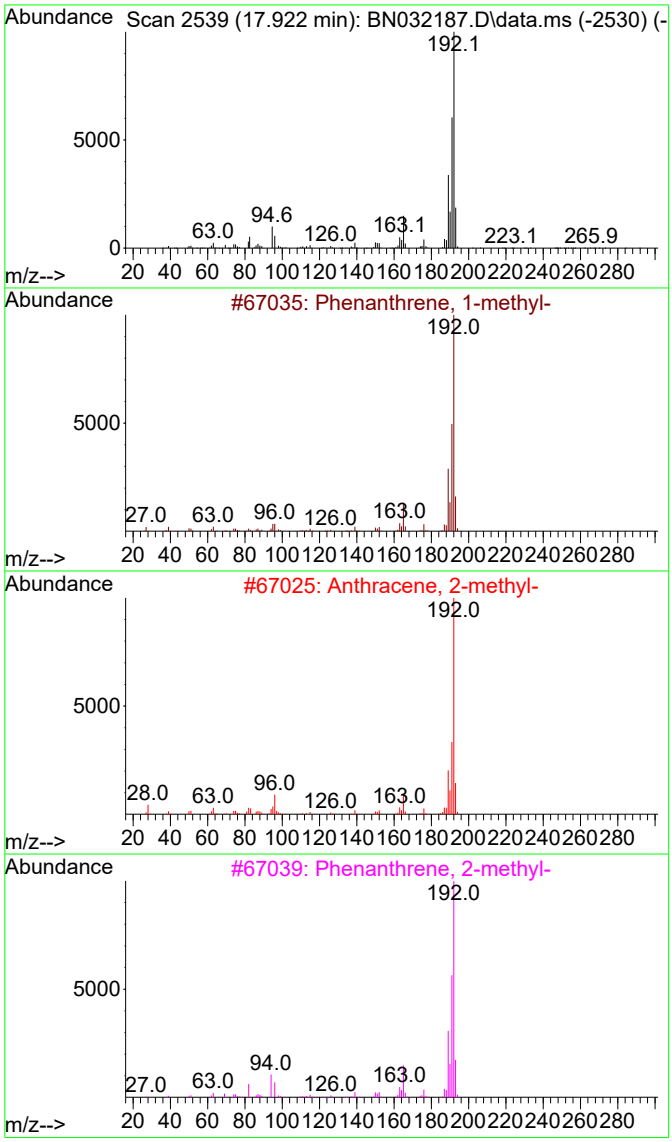
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

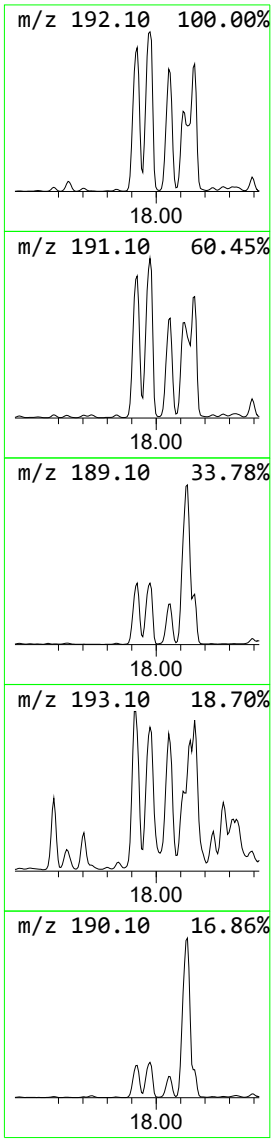
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	5.26 ng/ul	26819800	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

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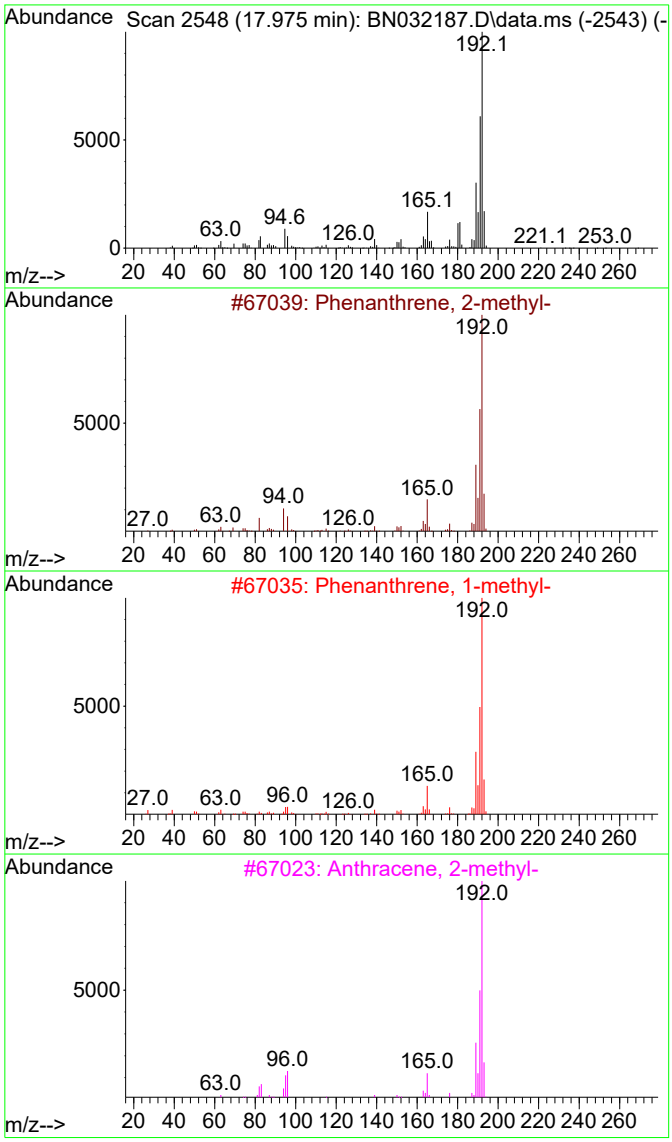
Quant Title : SVOA CALIBRATION

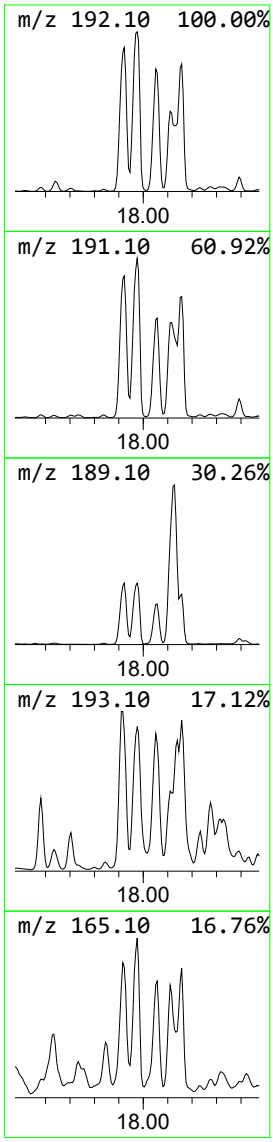
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	5.71 ng/ul	29131400	Phenanthrene-d10	17.045

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

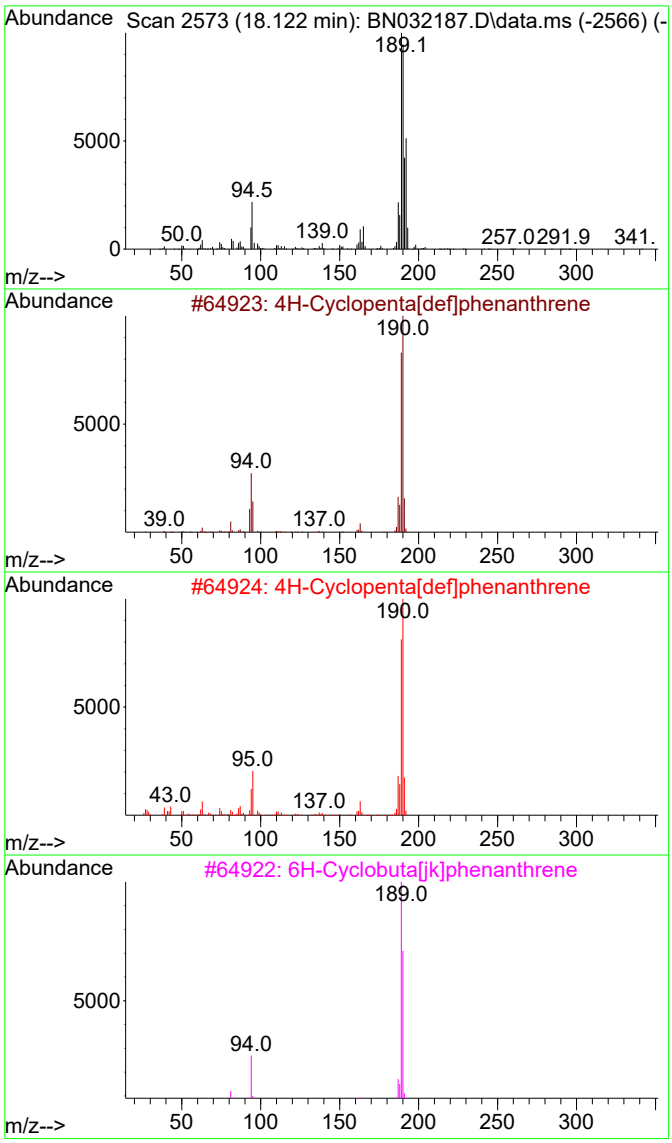
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

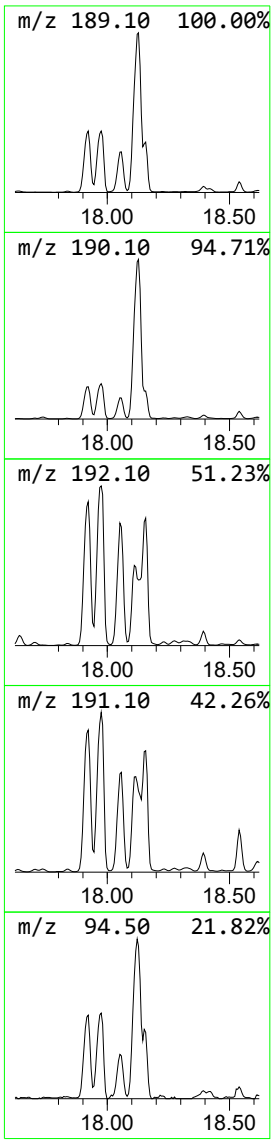
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	7.67 ng/ul	39130100	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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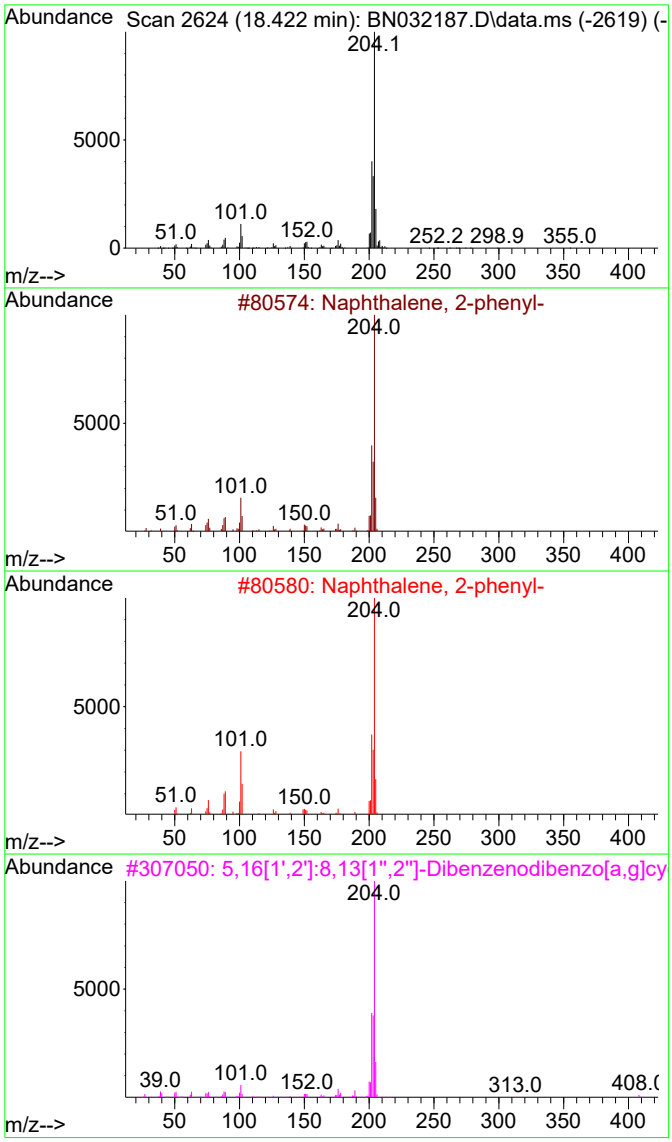
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

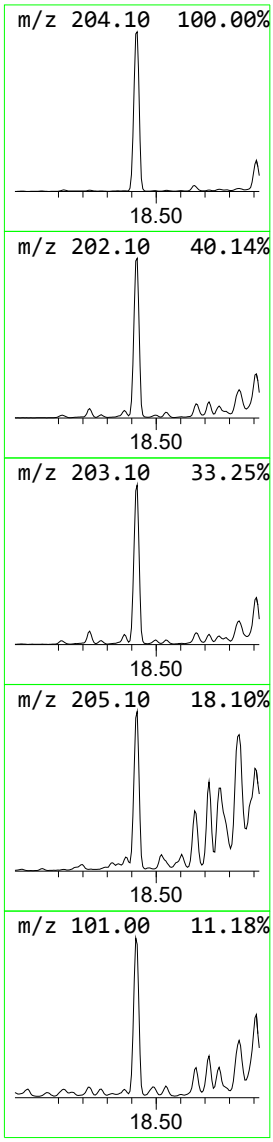
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	3.25 ng/ul	16576800	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

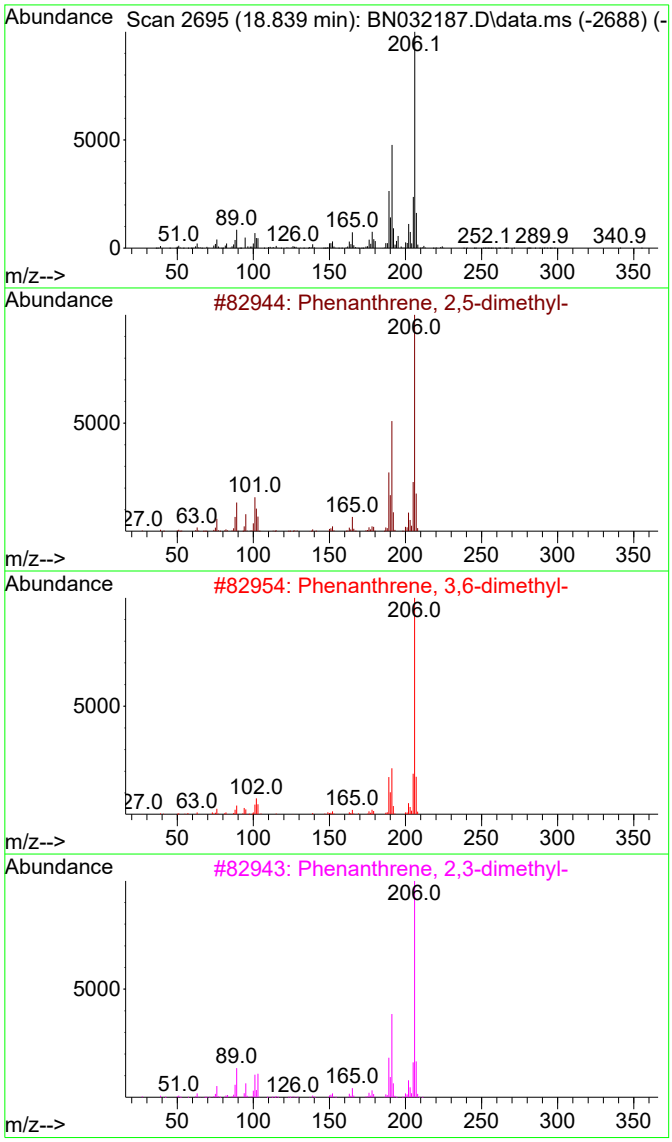
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

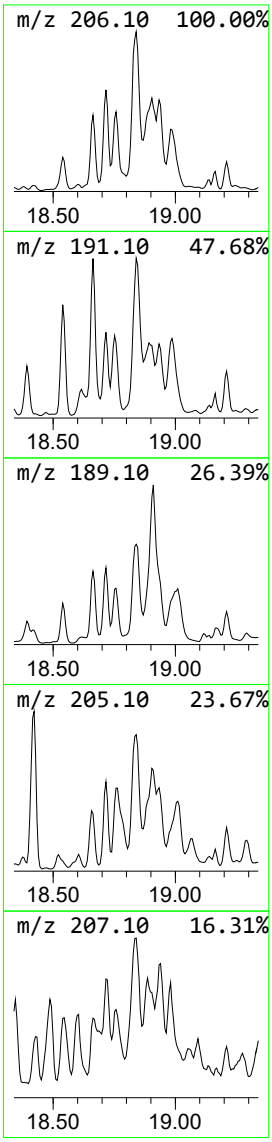
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.839	3.18 ng/ul	16247400	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Acq On : 23 Jun 2024 05:04
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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

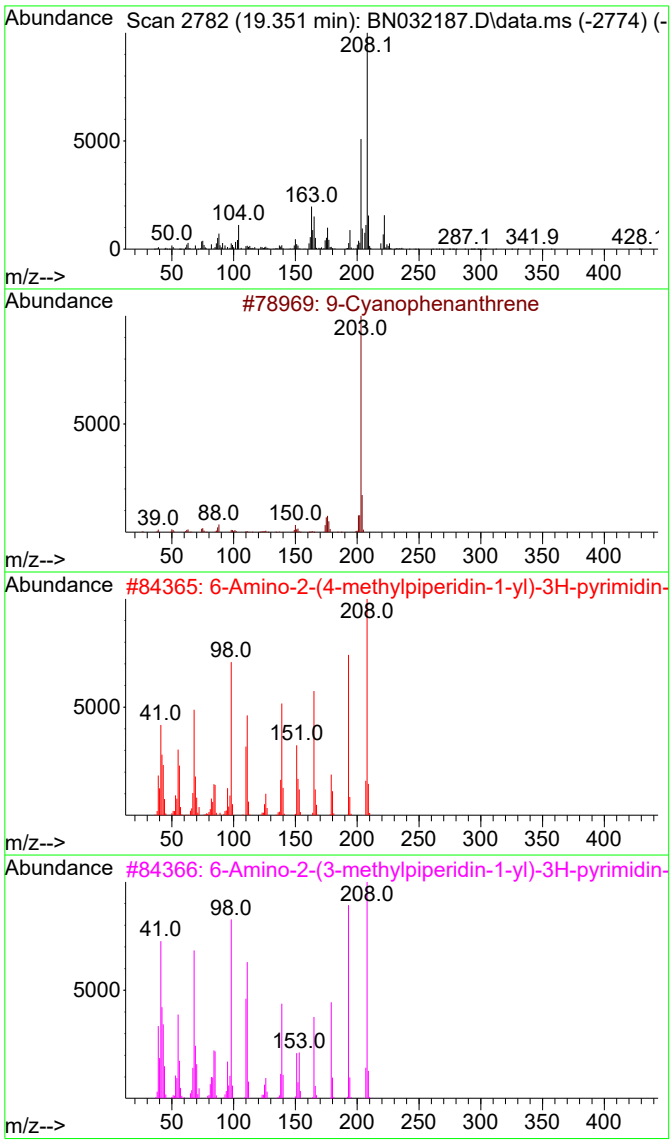
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

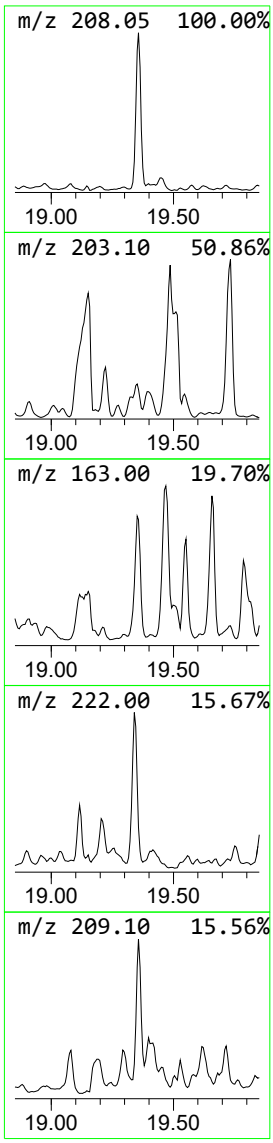
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9-Cyanophenanthrene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	3.19 ng/ul	10864400	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cyanophenanthrene	203	C15H9N	002510-55-6	64
2	6-Amino-2-(4-methylpiperidin-1-y...	208	C10H16N4O	1000388-65-9	50
3	6-Amino-2-(3-methylpiperidin-1-y...	208	C10H16N4O	1000388-66-0	46
4	Bicyclo[4.3.0]non-1(6)-ene-4,7-d...	208	C11H12O4	1000153-42-1	45
5	Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	41





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

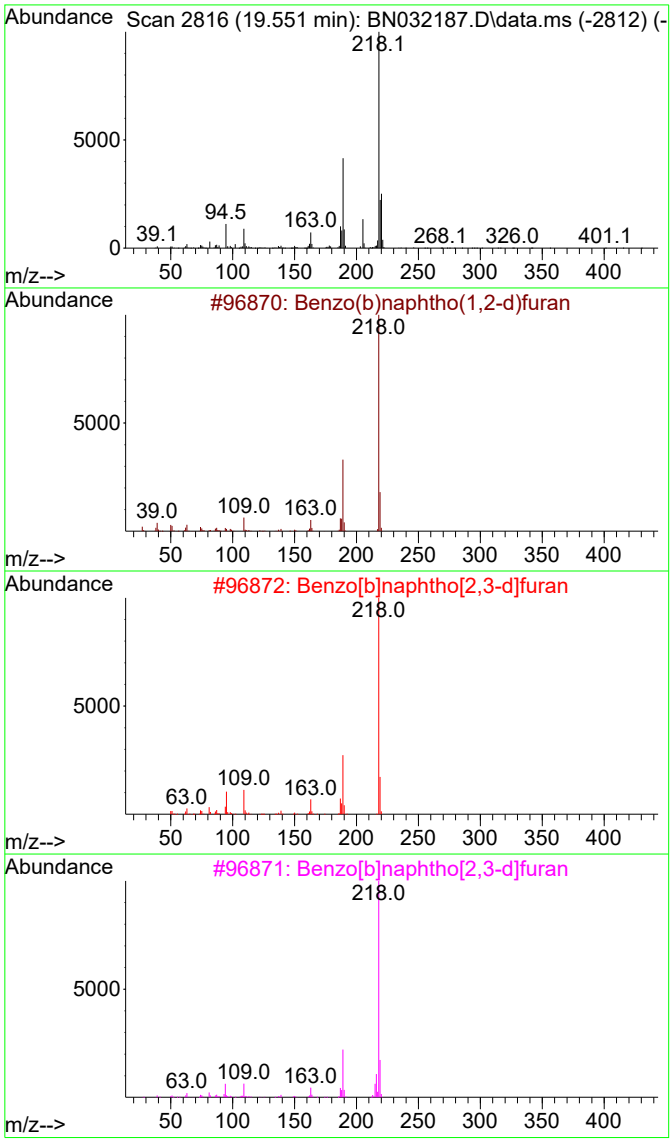
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

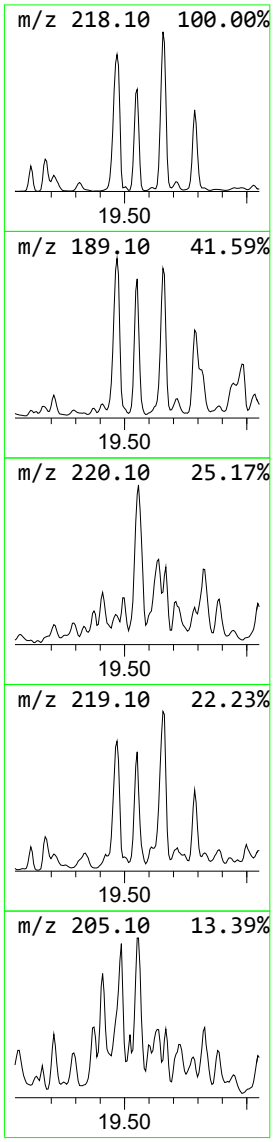
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzo(b)naphtho(1,2-d)furan Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	4.20 ng/ul	14279700	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	68
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	62
4	Benzo[kl]xanthene	218	C16H10O	000200-23-7	60
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	59





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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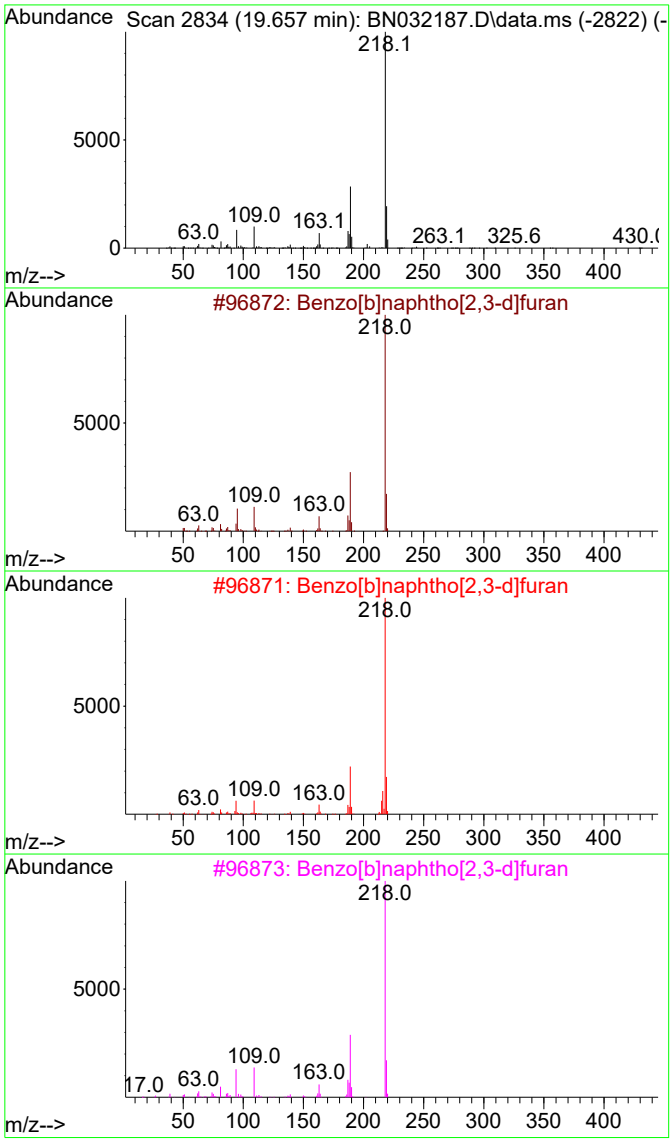
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

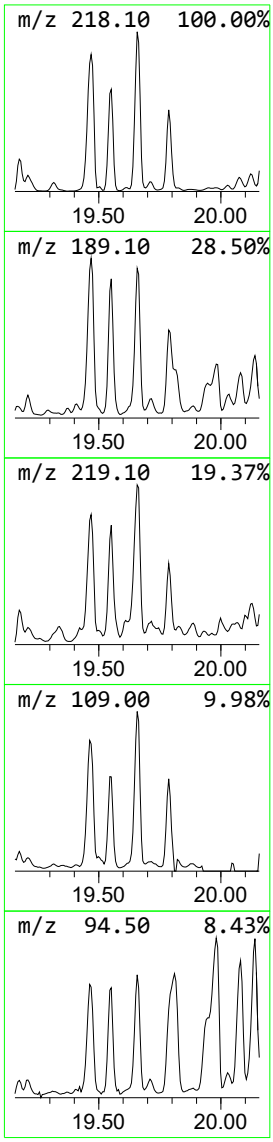
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[b]naphtho[2,3-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.657	5.52 ng/ul	18782600	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	94





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

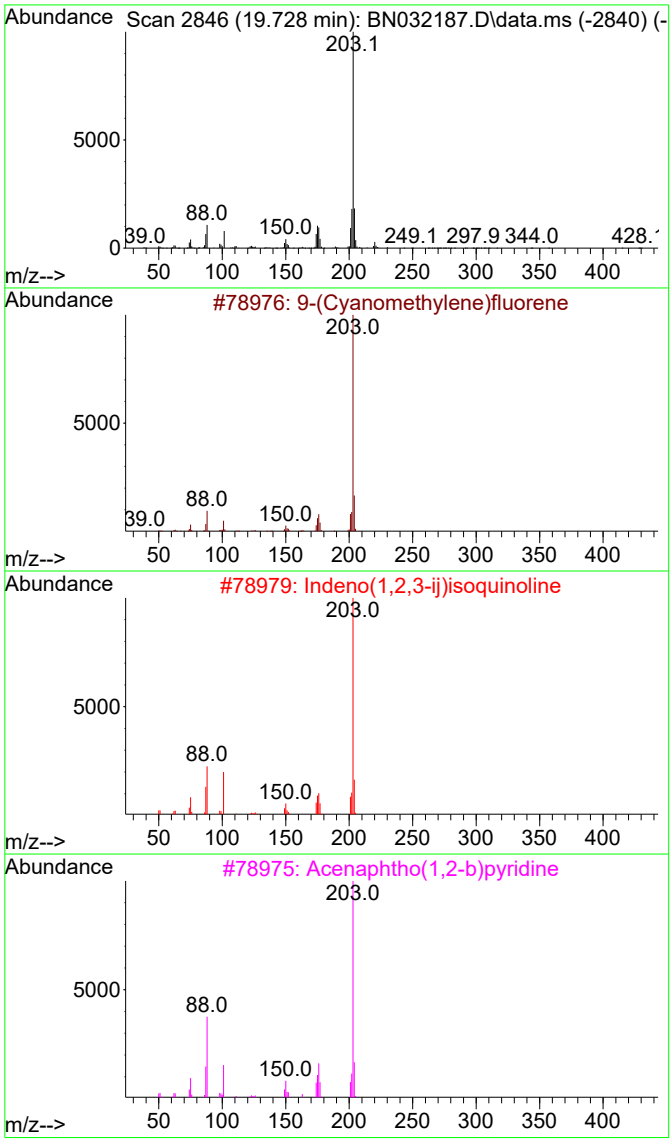
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

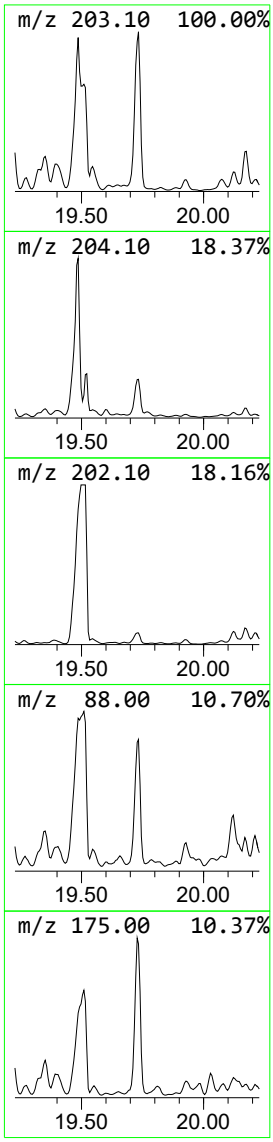
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 9-(Cyanomethylene)fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.728	3.79 ng/ul	12898900	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94
5	4-Azapyrene	203	C15H9N	000194-03-6	94





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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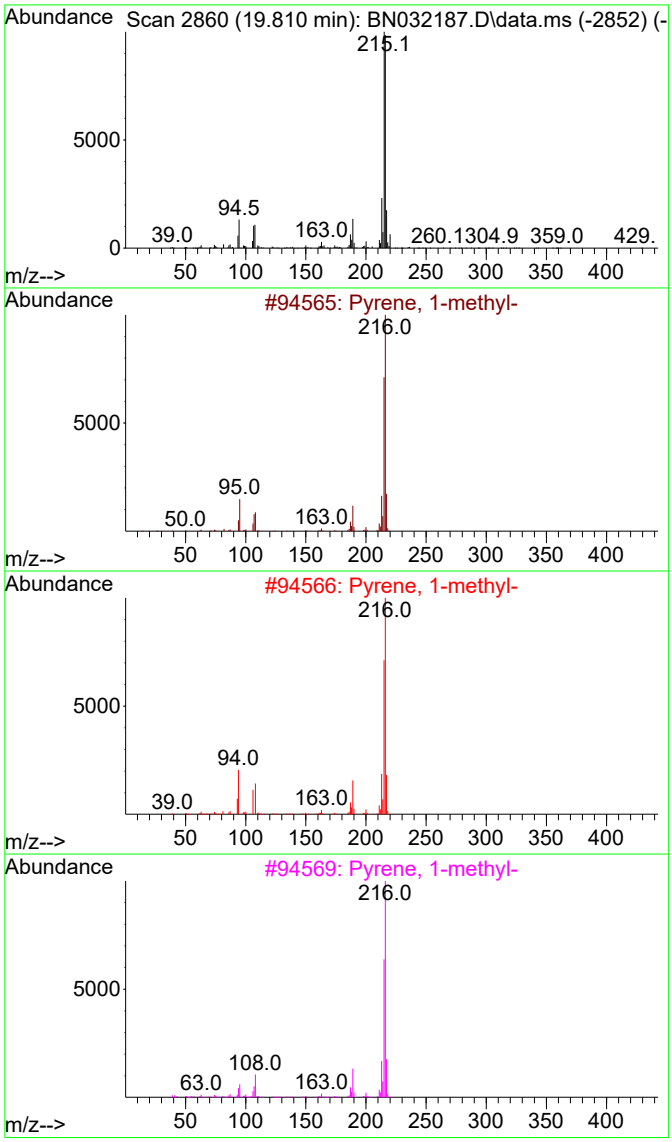
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

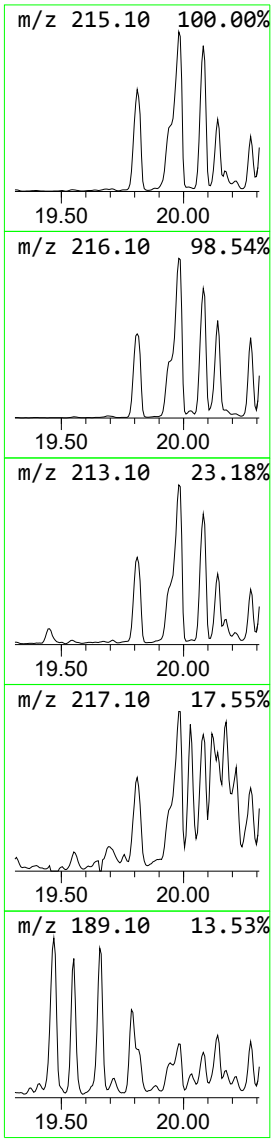
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.810	7.15 ng/ul	24317200	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92





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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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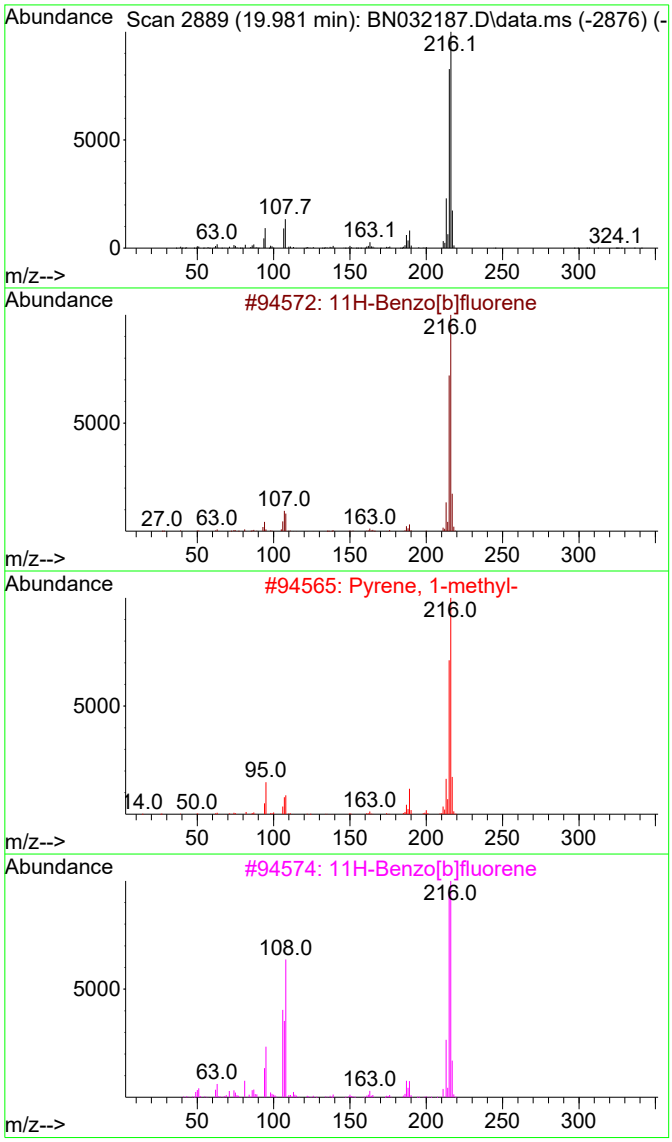
Quant Title : SVOA CALIBRATION

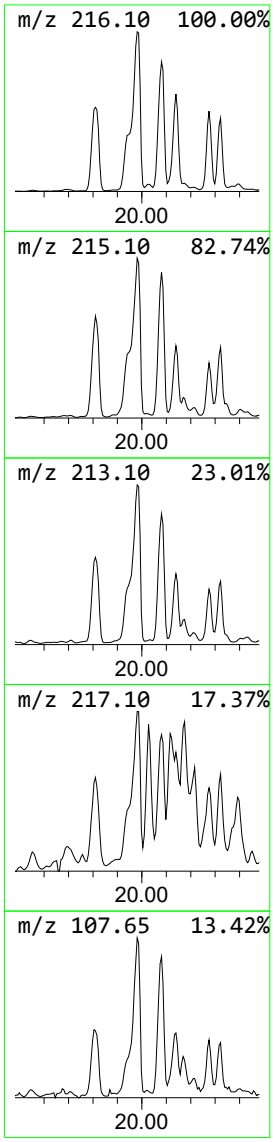
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.981	12.23 ng/ul	41616500	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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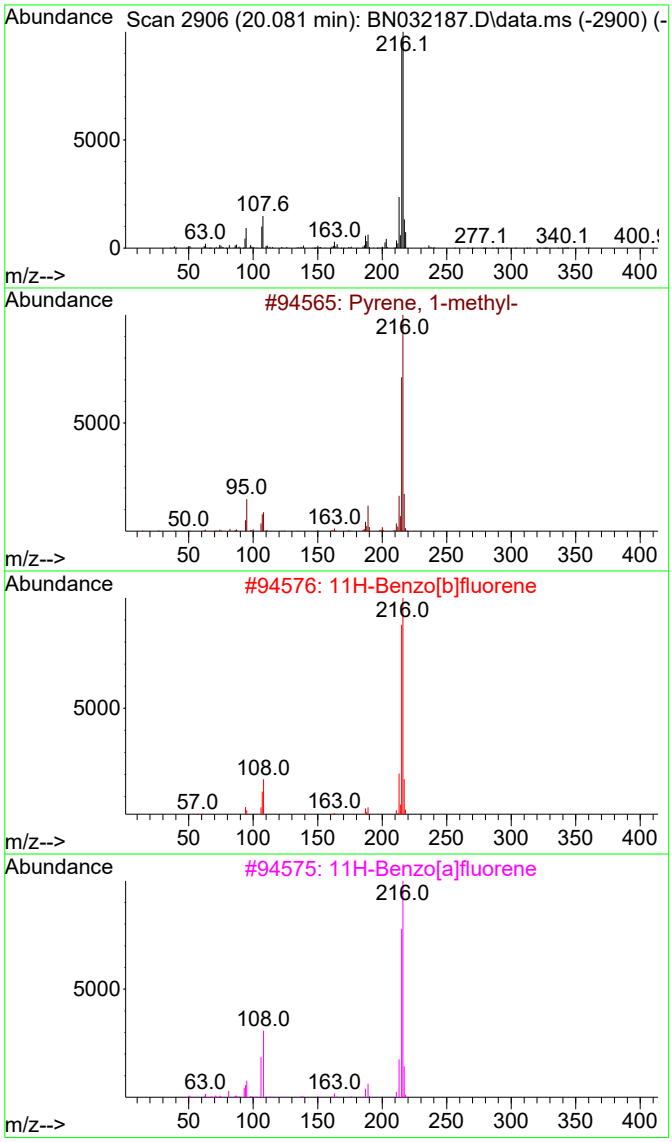
Quant Title : SVOA CALIBRATION

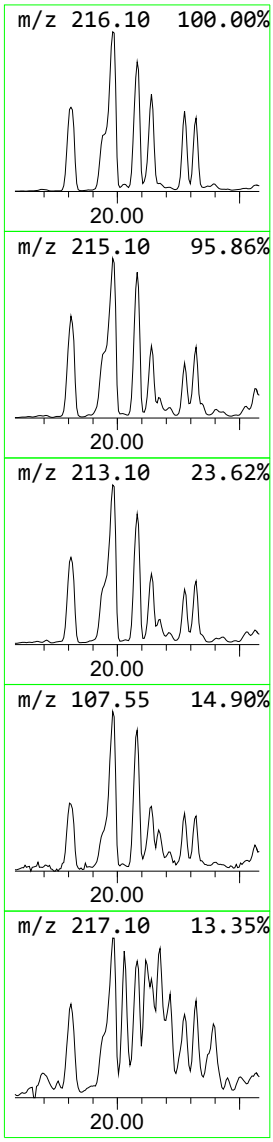
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.081	5.95 ng/ul	20249800	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

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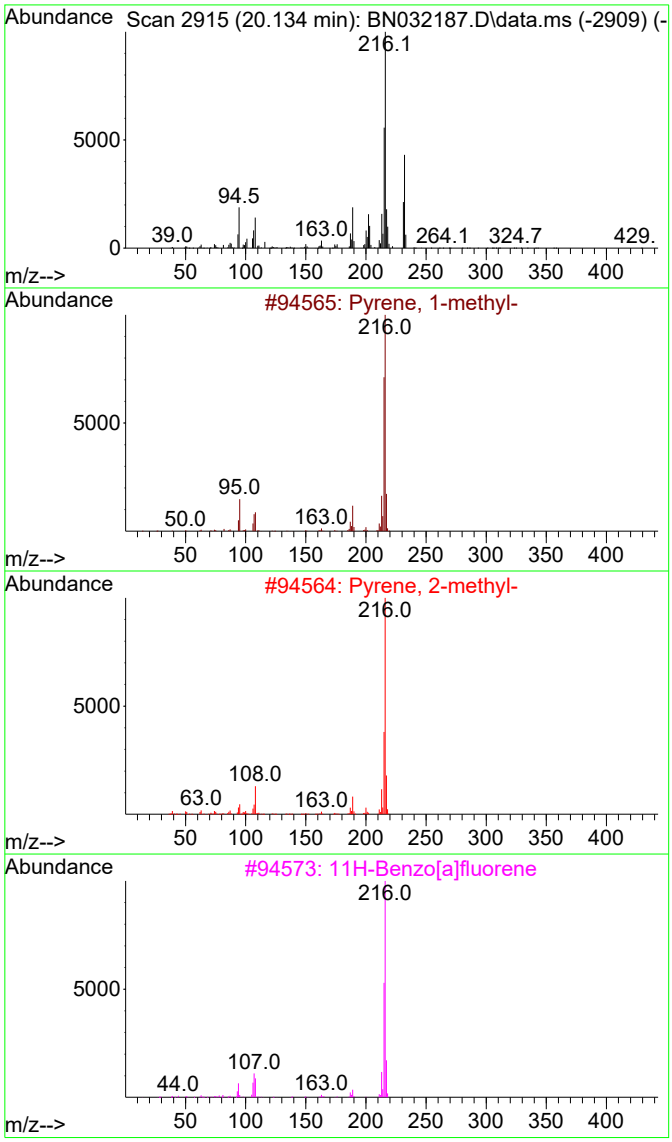
Quant Title : SVOA CALIBRATION

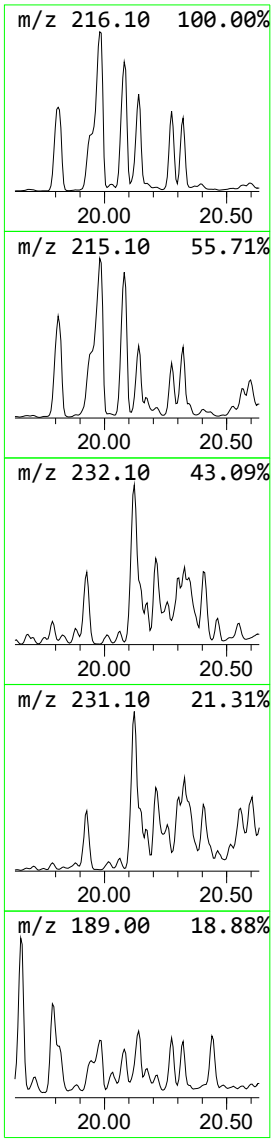
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.134	7.10 ng/ul	24139800	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

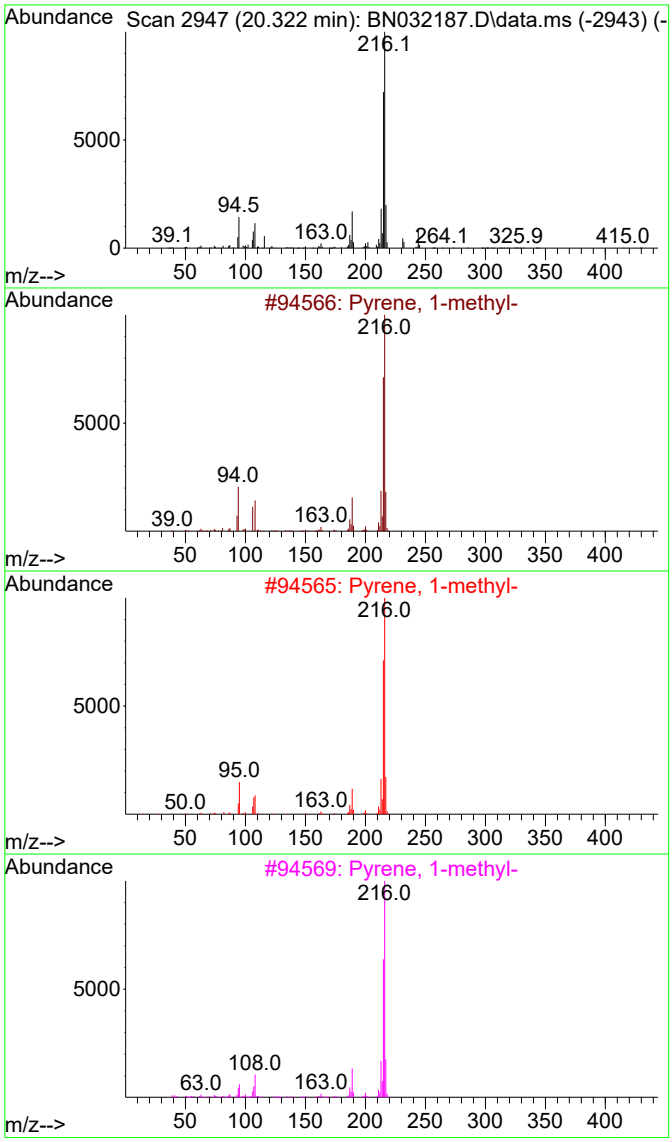
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

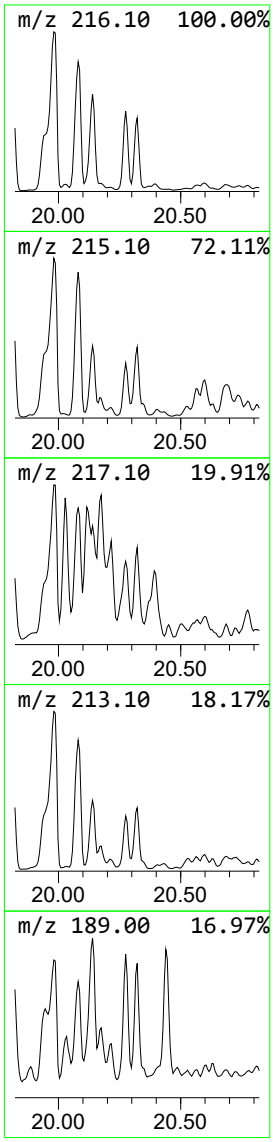
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.322	4.54 ng/ul	15429400	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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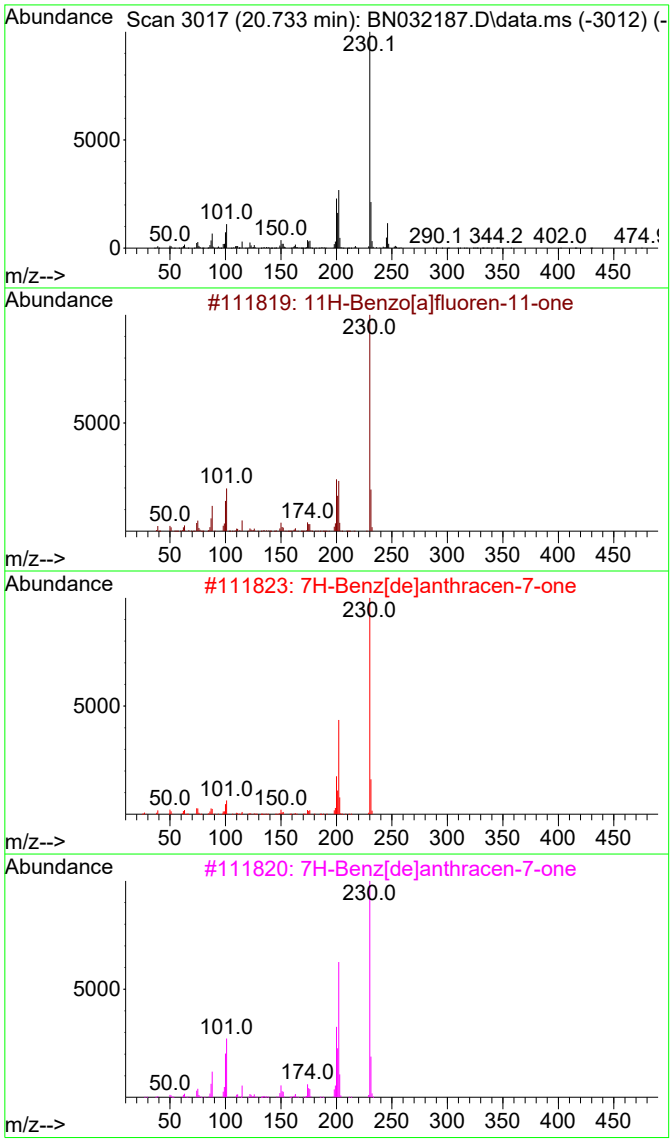
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

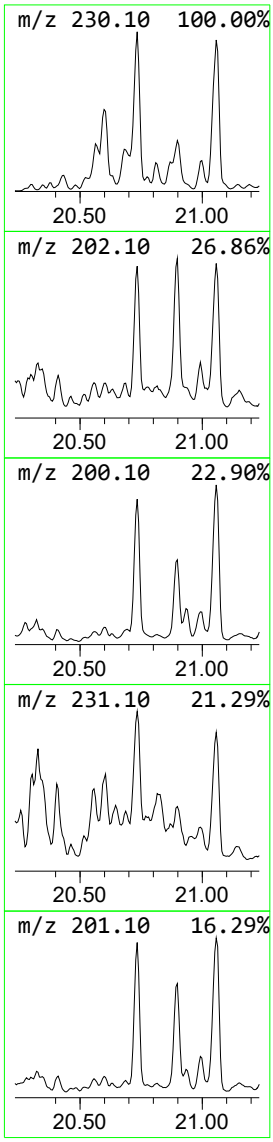
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	3.82 ng/ul	13006400	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

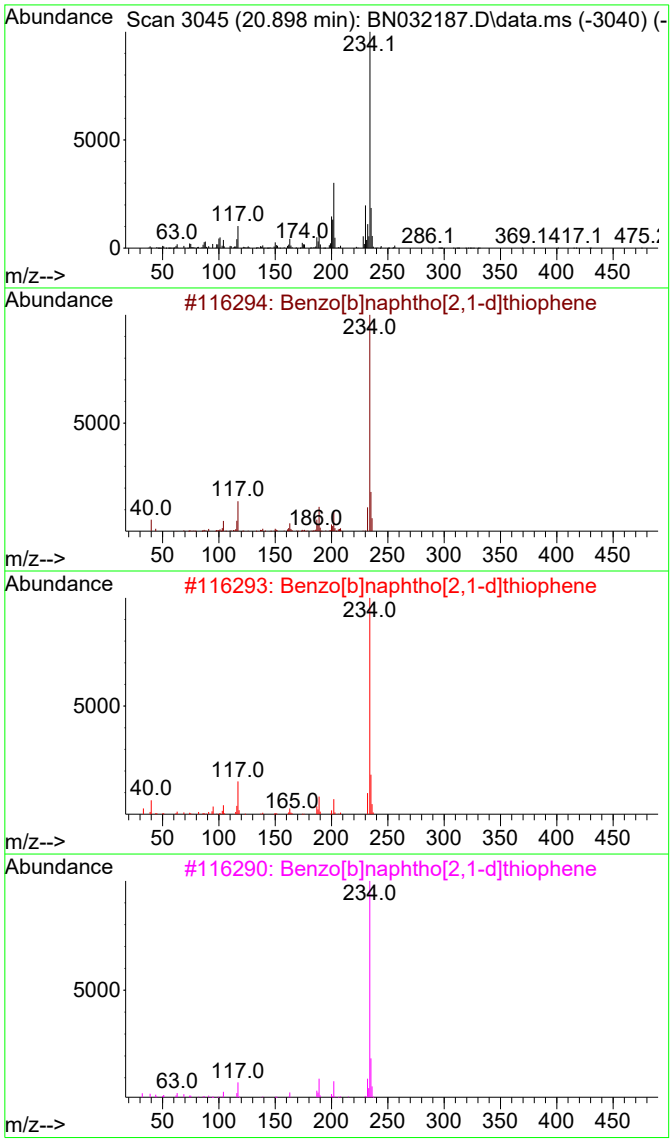
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

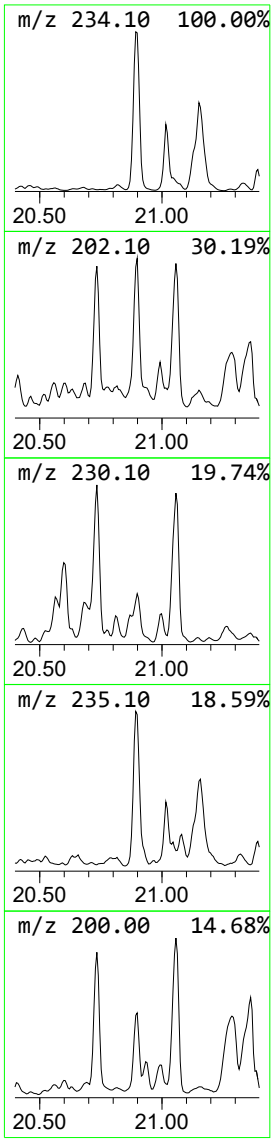
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.898	3.69 ng/ul	12563400	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4D56

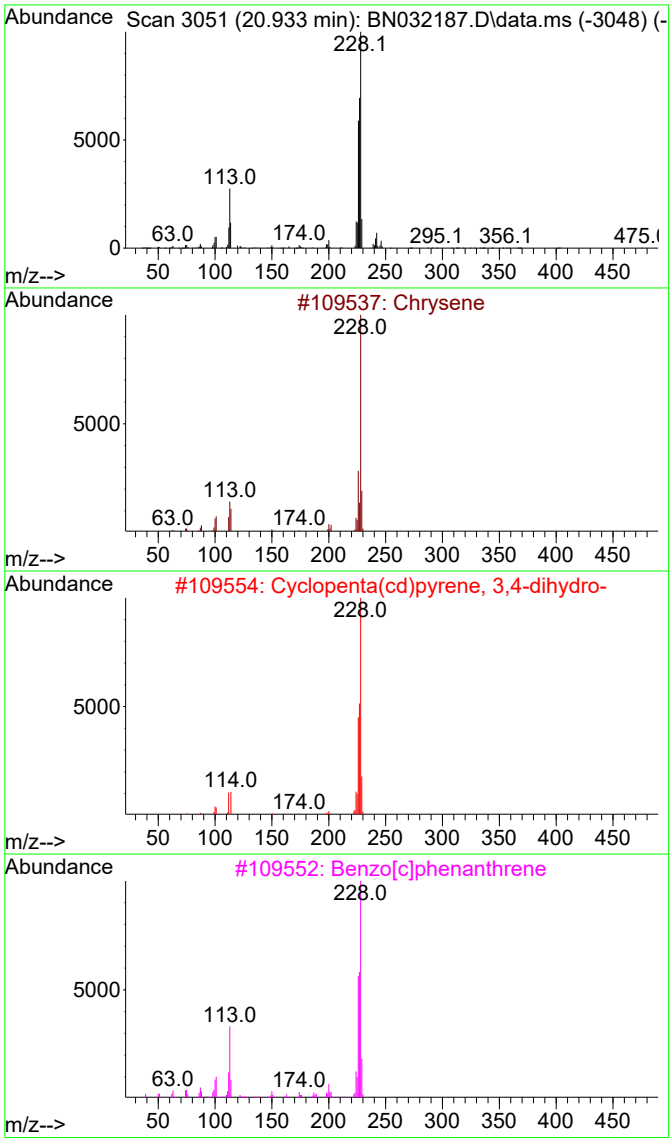
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

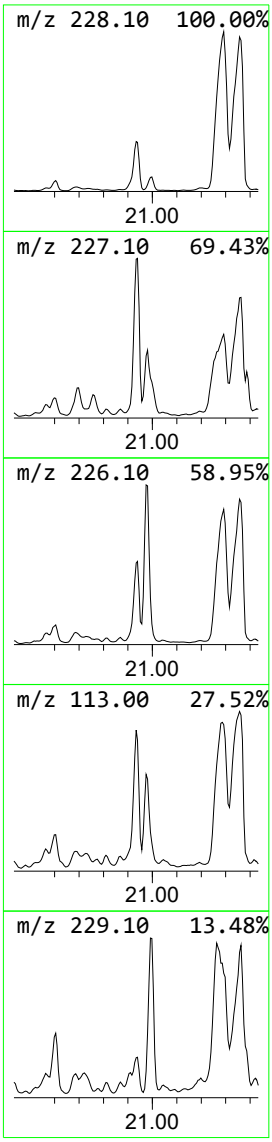
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	3.67 ng/ul	12469100	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene	228	C18H12	000218-01-9	87
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	59
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
5	Triphenylene	228	C18H12	000217-59-4	55





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

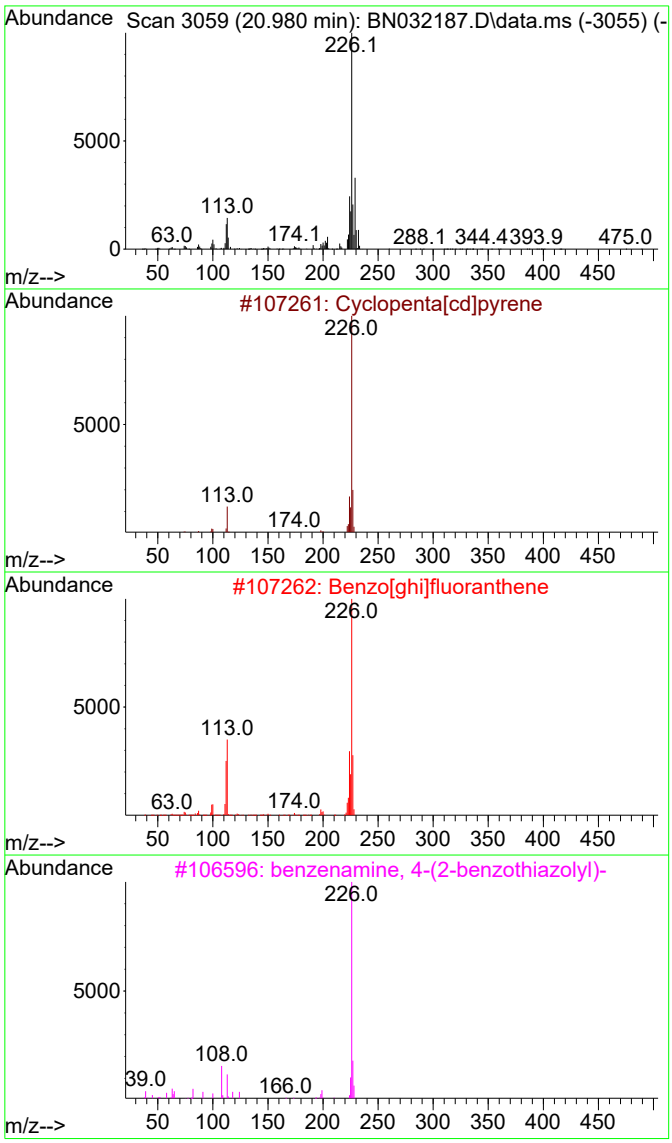
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

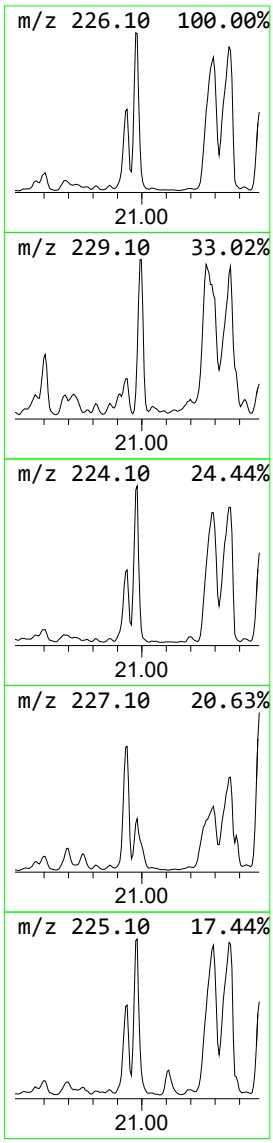
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	4.54 ng/ul	15431300	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	62
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	58
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	53





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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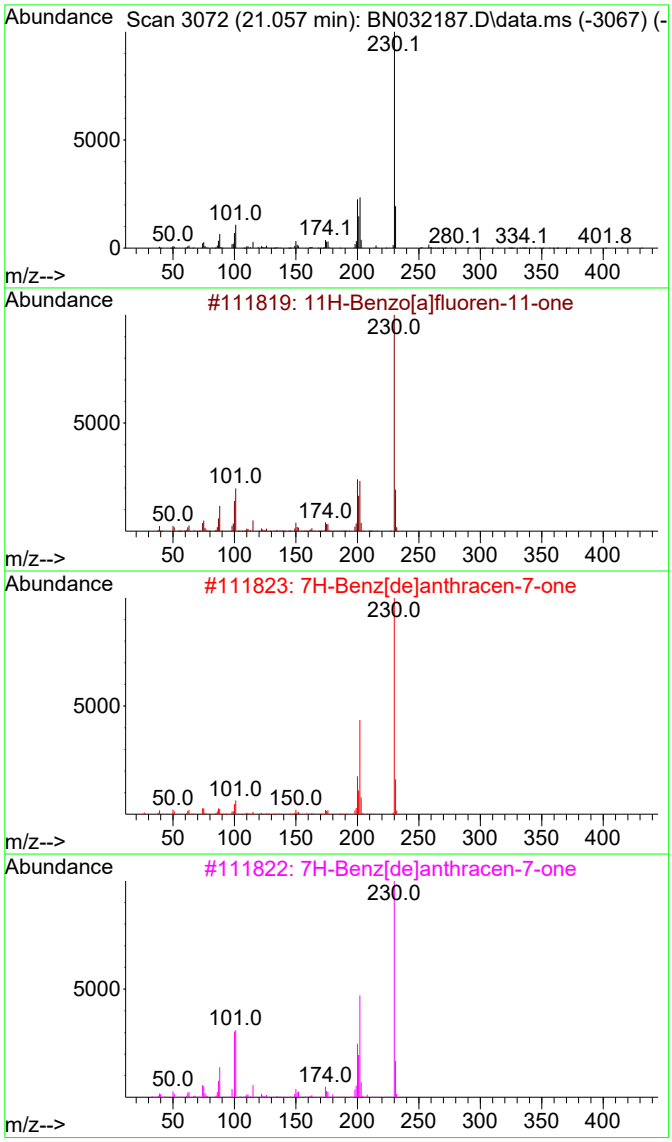
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

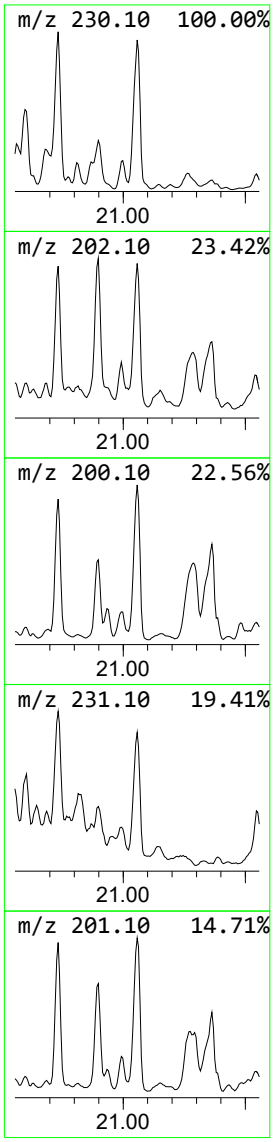
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	5.18 ng/ul	17610800	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90





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Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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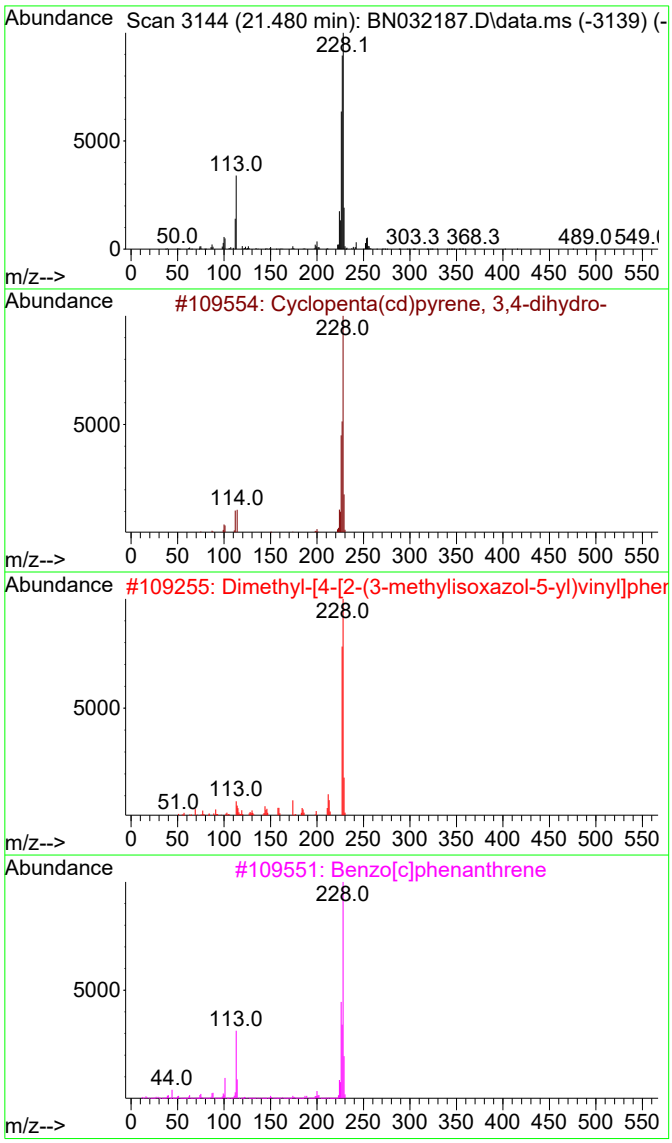
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

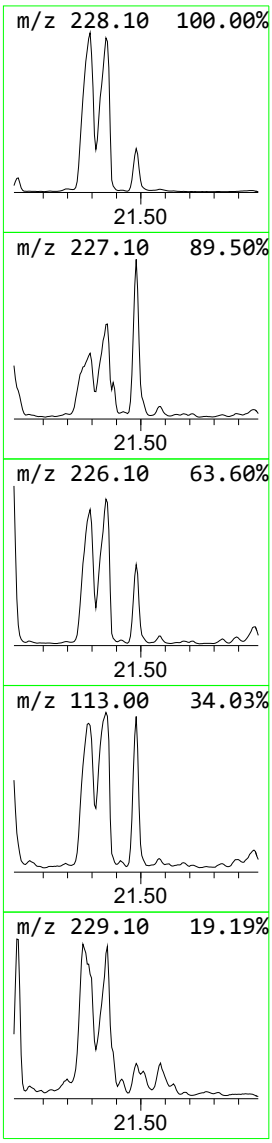
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.480	3.90 ng/ul	13252600	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38





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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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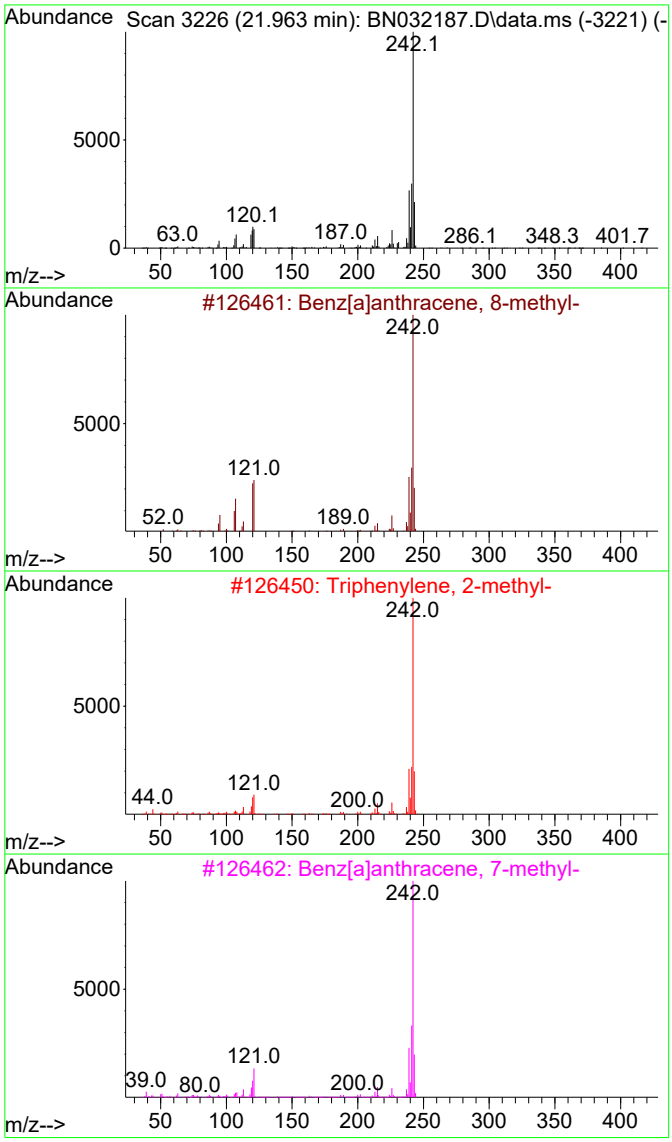
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

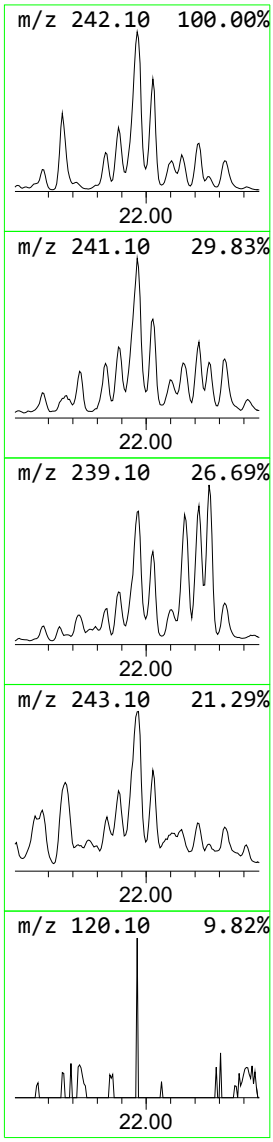
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benz[a]anthracene, 8-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	6.19 ng/ul	21068500	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	91
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





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Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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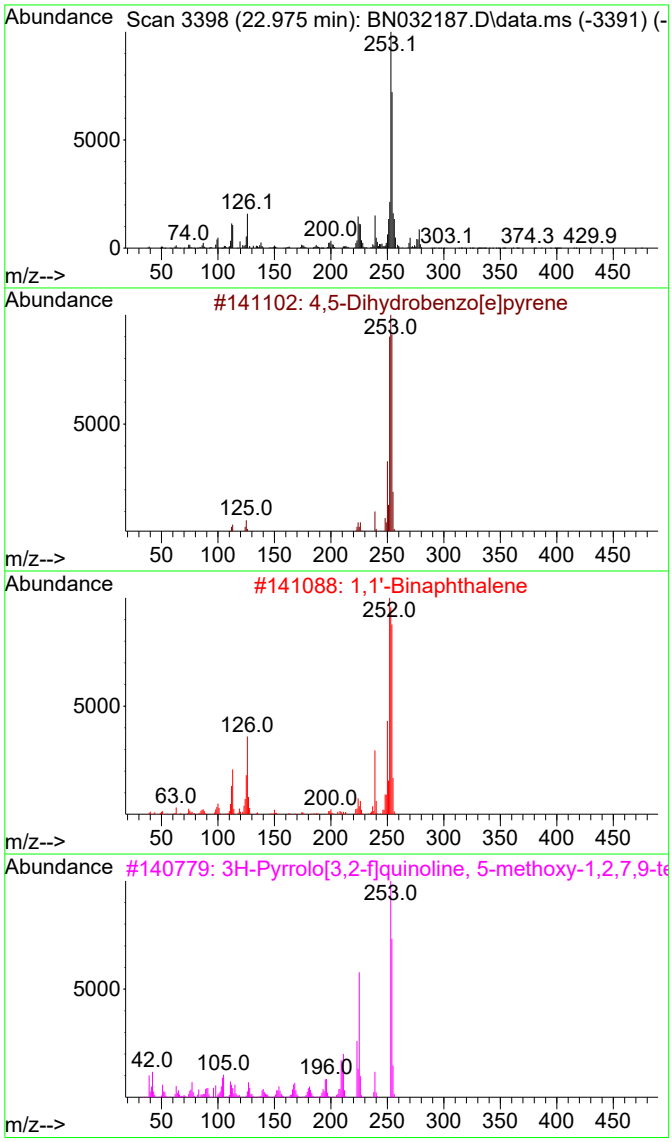
Quant Title : SVOA CALIBRATION

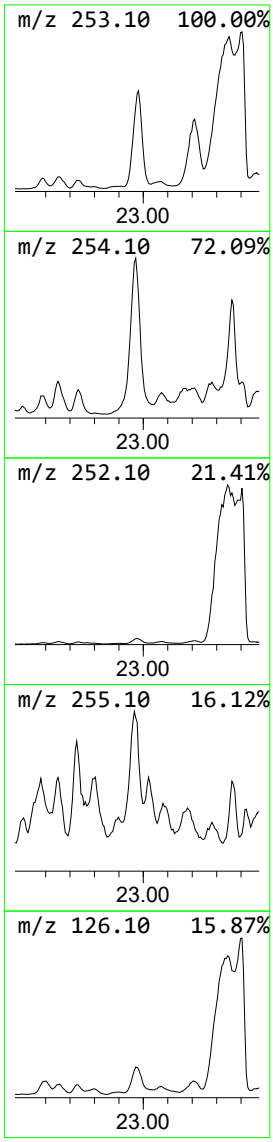
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 4,5-Dihydrobenzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	5.15 ng/ul	9506130	Perylene-d12	24.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	62
4	4,4'-Biazulenyl	254	C20H14	094053-54-0	62
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	62





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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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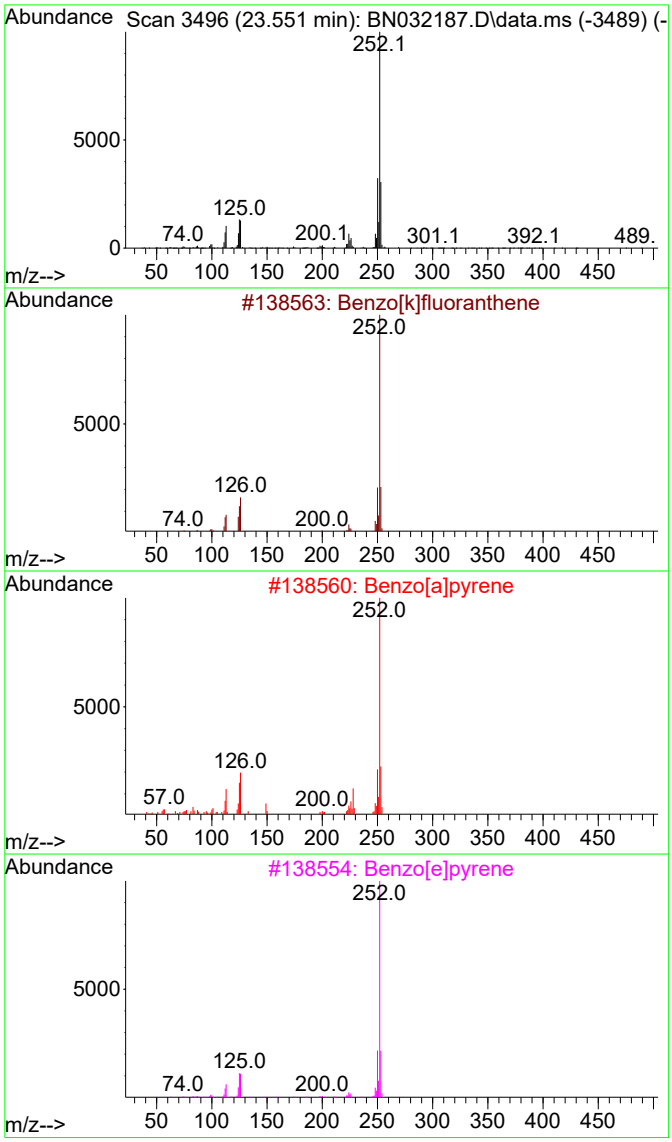
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

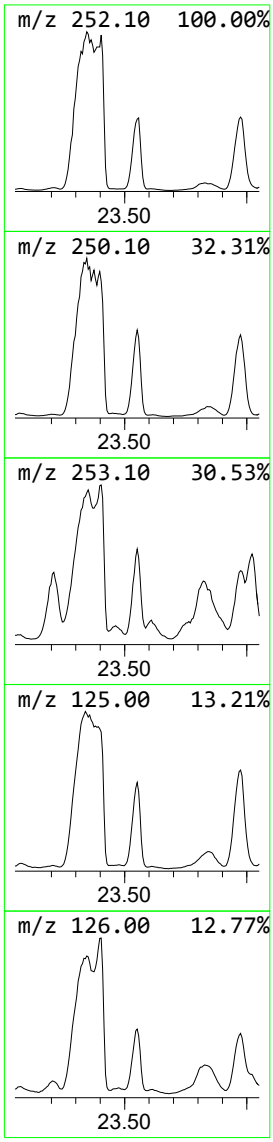
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzo[b]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	7.60 ng/ul	14026700	Perylene-d12	24.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

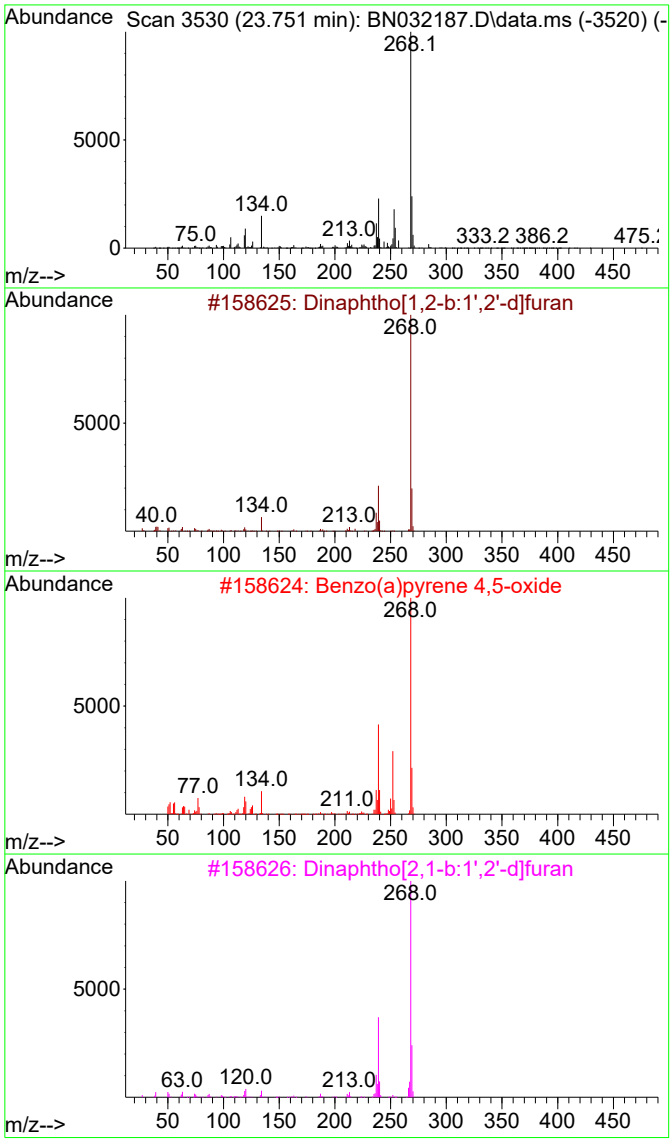
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

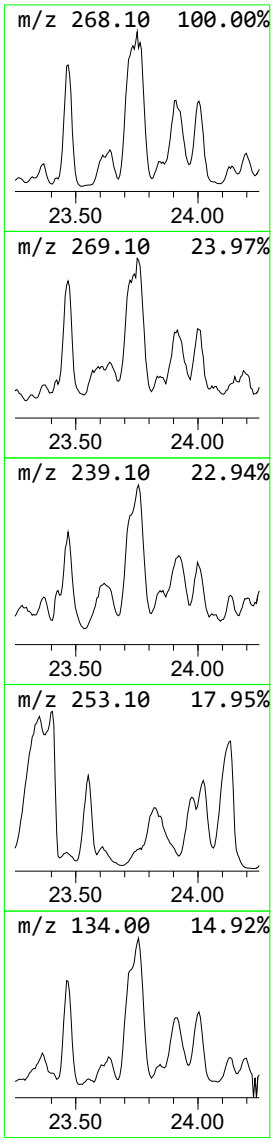
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.751	5.48 ng/ul	10112300	Perylene-d12	24.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
5	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

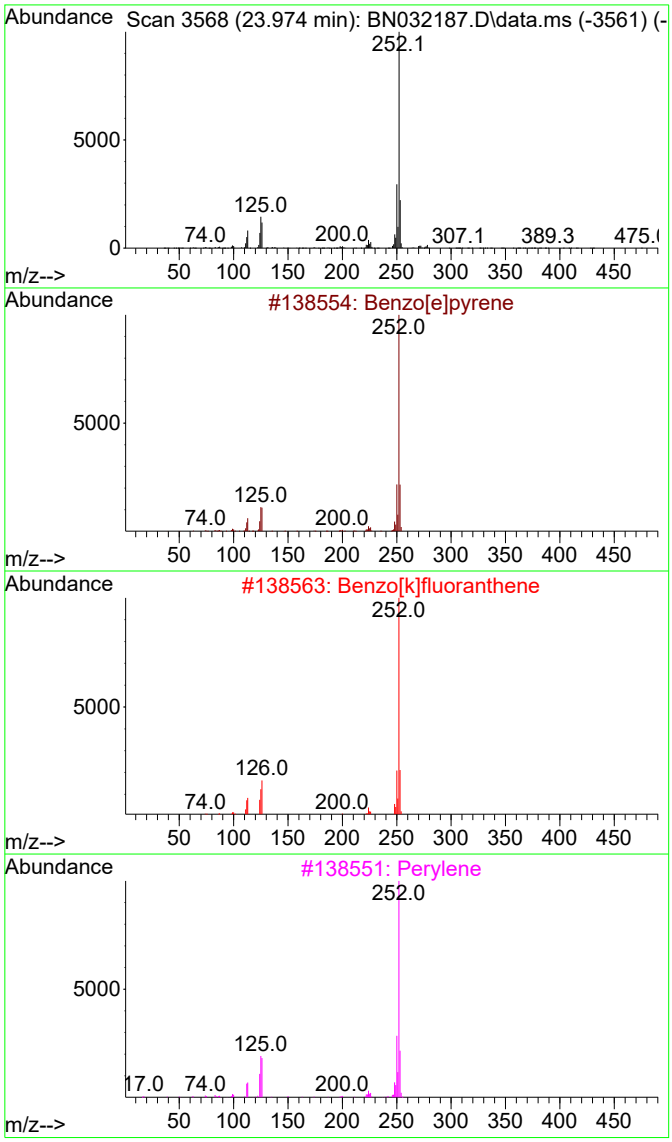
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

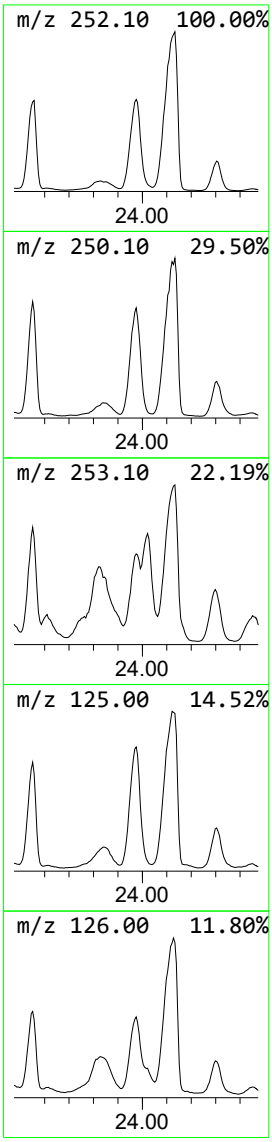
****

Peak Number 54 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	10.80 ng/ul	19928800	Perylene-d12	24.233

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

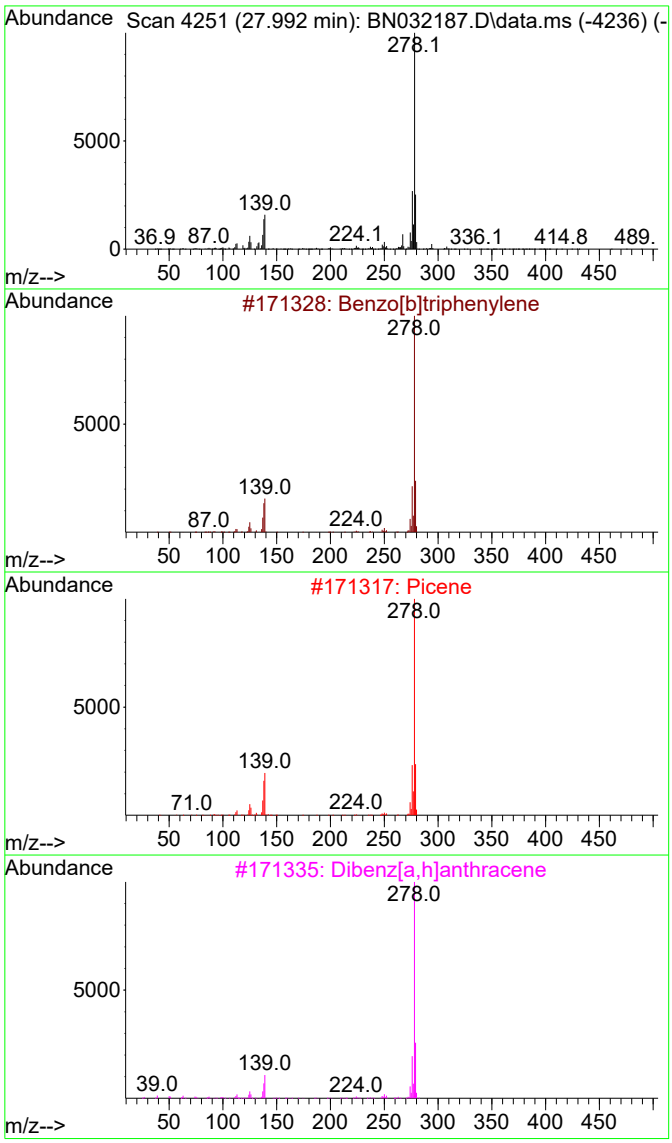
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

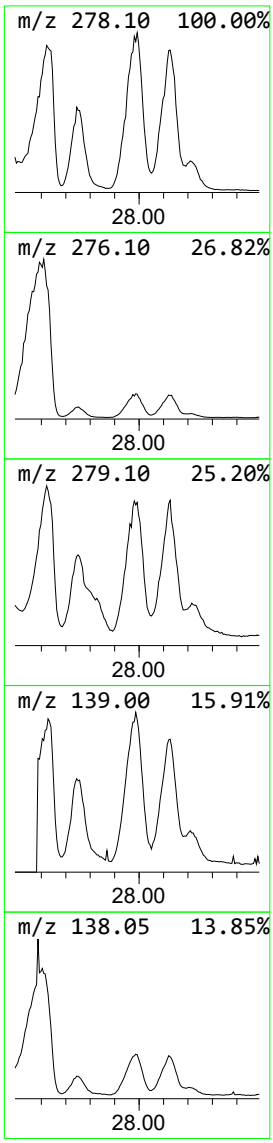
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzo[b]triphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.992	8.75 ng/ul	16150300	Perylene-d12	24.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5	Picene	278	C22H14	000213-46-7	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032187.D
Acq On : 23 Jun 2024 05:04
Operator : MA/JU
Sample : P2775-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D56

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
Naphthalene, 1,...	13.599	5.5	ng/ul	7764410	3	14.281	28221300	20.0
1-Isopropenylna...	14.593	3.4	ng/ul	4780520	3	14.281	28221300	20.0
1,1'-Biphenyl, ...	15.540	4.9	ng/ul	6870020	3	14.281	28221300	20.0
[1,1'-Biphenyl]...	15.628	7.6	ng/ul	10732700	3	14.281	28221300	20.0
Phenanthrene, 1...	17.922	5.3	ng/ul	26819800	4	17.045	102062000	20.0
Phenanthrene, 2...	17.975	5.7	ng/ul	29131400	4	17.045	102062000	20.0
4H-Cyclopenta[d...	18.122	7.7	ng/ul	39130100	4	17.045	102062000	20.0
Naphthalene, 2-...	18.422	3.3	ng/ul	16576800	4	17.045	102062000	20.0
Phenanthrene, 2...	18.839	3.2	ng/ul	16247400	4	17.045	102062000	20.0
9-Cyanophenanth...	19.351	3.2	ng/ul	10864400	5	21.310	68029300	20.0
Benzo(b)naphtho...	19.551	4.2	ng/ul	14279700	5	21.310	68029300	20.0
Benzo[b]naphtho...	19.657	5.5	ng/ul	18782600	5	21.310	68029300	20.0
9-(Cyanomethyle...	19.728	3.8	ng/ul	12898900	5	21.310	68029300	20.0
Pyrene, 1-methyl-	19.810	7.2	ng/ul	24317200	5	21.310	68029300	20.0
11H-Benzo[b]flu...	19.981	12.2	ng/ul	41616500	5	21.310	68029300	20.0
11H-Benzo[a]flu...	20.081	6.0	ng/ul	20249800	5	21.310	68029300	20.0
Pyrene, 2-methyl-	20.134	7.1	ng/ul	24139800	5	21.310	68029300	20.0
Pyrene, 4-methyl-	20.322	4.5	ng/ul	15429400	5	21.310	68029300	20.0
11H-Benzo[a]flu...	20.733	3.8	ng/ul	13006400	5	21.310	68029300	20.0
Benzo[b]naphtho...	20.898	3.7	ng/ul	12563400	5	21.310	68029300	20.0
Cyclopenta(cd)p...	20.933	3.7	ng/ul	12469100	5	21.310	68029300	20.0
Cyclopenta[cd]p...	20.980	4.5	ng/ul	15431300	5	21.310	68029300	20.0
7H-Benz[de]anth...	21.057	5.2	ng/ul	17610800	5	21.310	68029300	20.0
Dimethyl-[4-[2-...	21.480	3.9	ng/ul	13252600	5	21.310	68029300	20.0
Benz[a]anthrace...	21.963	6.2	ng/ul	21068500	5	21.310	68029300	20.0
4,5-Dihydrobenz...	22.974	5.2	ng/ul	9506130	6	24.233	36918900	20.0
Benzo[b]fluoran...	23.551	7.6	ng/ul	14026700	6	24.233	36918900	20.0
Dinaphtho[1,2-b...	23.751	5.5	ng/ul	10112300	6	24.233	36918900	20.0
Perylene	23.974	10.8	ng/ul	19928800	6	24.233	36918900	20.0
Benzo[b]triphen...	27.992	8.8	ng/ul	16150300	6	24.233	36918900	20.0