LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4D58

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: BN032190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.816	643	651	668	rBV	783041	1335063	5.19%	0.423%
2	6.975	671	678	689	rVV	629234	994728	3.87%	0.315%
3	7.169	703	711	721	rBV	848231	1380244	5.37%	0.437%
4	7.628	781	789	798	rBV	1036599	1734665	6.75%	0.549%
5	8.346	904	911	924	rBV	1010372	1694342	6.59%	0.537%
6	8.793	979	987	1000	rBV	716779	1255370	4.88%	0.398%
7	9.504	1100	1108	1123	rBV	618960	1076222	4.19%	0.341%
8	10.046	1193	1200	1220	rBV	958679	1743910	6.78%	0.552%
9	10.410	1252	1262	1267	rBV	1408532	2382388	9.27%	0.755%
10	10.457	1267	1270	1277	rVV	207125	346736	1.35%	0.110%
11	10.557	1280	1287	1306	rVV	714197	1378317	5.36%	0.437%
12	12.081	1539	1546	1553	rBV	208250	330731	1.29%	0.105%
13	13.693	1815	1820	1828	rVB	1808601	2490238	9.69%	0.789%
14	13.969	1855	1867	1884	rBV3	2136843	3952745	15.37%	1.252%
15	14.275	1910	1919	1925	rVV	2055898	3132032	12.18%	0.992%
16	14.340	1925	1930	1938	rVV	1279963	1984137	7.72%	0.628%
17	14.516	1949	1960	1967	rBV2	663436	1336604	5.20%	0.423%
18	14.681	1981	1988	1997	rVV	963999	1577565	6.14%	0.500%
19	15.275	2083	2089	2094	rVV	2682913	4004582	15.57%	1.268%
20	15.328	2094	2098	2109	rVB	1614621	2481945	9.65%	0.786%
21	15.422	2109	2114	2117	rBV	307118	467348	1.82%	0.148%
22	15.492	2122	2126	2130	rVV	250533	416663	1.62%	0.132%
23	15.539	2130	2134	2138	rVV2	446366	667420	2.60%	0.211%
24	15.622	2144	2148	2156	rVB	417073	652756	2.54%	0.207%
25	15.769	2165	2173	2182	rVB	482656	998383	3.88%	0.316%
26	16.334	2259	2269	2274	rVB4	362389	826212	3.21%	0.262%
27	16.563	2299	2308	2311	rBV3	400355	754195	2.93%	0.239%
28	16.692	2325	2330	2336	rVB	389208	613642	2.39%	0.194%
29	16.781	2336	2345	2349	rBV2	473706	1104406	4.30%	0.350%
30	16.851	2351	2357	2363	rVV	1016807	1562128	6.08%	0.495%
31	16.945	2370	2373	2378	rVB3	270905	354814	1.38%	0.112%
32	17.034	2381	2388	2391	rBV	2322421	4162619	16.19%	1.319%
33	17.081	2391	2396	2401	rVV	13079750	21485708	83.56%	6.806%
34	17.134	2401	2405	2407	rVV	3050419	4321730	16.81%	1.369%
35	17.169	2407	2411	2415	rVV	4916321	7137133	27.76%	2.261%
36	17.210	2415	2418	2426	rVB3	478036	1084043	4.22%	0.343%

LSC Area Percent Report

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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

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	17.416	2448	2453	2454	rBV	354794	476740	1.85%	0.151%
38	17.445	2454	2458	2462	rVB	1217156	1753635	6.82%	0.555%
39	17.551	2472	2476	2482	rVB3	347222	508923	1.98%	0.161%
40	17.628	2482	2489	2495	rVB3	951330	1996042	7.76%	0.632%
41	17.745	2505	2509	2518	rVB3	268889	470899	1.83%	0.149%
42	17.904	2527	2536	2540	rBV	1752621	3190386	12.41%	1.011%
43	17.957	2540	2545	2551	rVB	2595942	4096077	15.93%	1.297%
44	18.039	2553	2559	2563	rVB	1260634	1856507	7.22%	0.588%
45	18.104	2563	2570	2574	rBV3	3393118	6130512	23.84%	1.942%
46	18.139	2574	2576	2583	rVV2	1267146	1904805	7.41%	0.603%
47	18.204	2583	2587	2593	rVB5	409729	759120	2.95%	0.240%
48	18.263	2593	2597	2600	rBV	275957	362482	1.41%	0.115%
49	18.410	2615	2622	2627	rVV	1674465	2931355	11.40%	0.929%
50	18.463	2627	2631	2635	rVV	834893	1217151	4.73%	0.386%
51	18.528	2639	2642	2645	rVV2	296180	432903	1.68%	0.137%
52	18.657	2660	2664	2669	rBV3	428981	607366	2.36%	0.192%
53	18.710	2669	2673	2676	rVB	319413	373417	1.45%	0.118%
54	18.745	2676	2679	2684	rVB	399420	525542	2.04%	0.166%
55	18.828	2688	2693	2697	rBV	845689	1457663	5.67%	0.462%
56	18.898	2699	2705	2707	rVV3	665446	1434194	5.58%	0.454%
57	18.928	2707	2710	2713	rVV2	723732	1006365	3.91%	0.319%
58	18.975	2713	2718	2726	rVB5	896587	1968717	7.66%	0.624%
59	19.104	2733	2740	2746	rBV	15147128	25712022	100.00%	8.144%
60	19.163	2747	2750	2753	rBV	280138	420602	1.64%	0.133%
61	19.198	2753	2756	2761	rVV	509726	772577	3.00%	0.245%
62	19.245	2761	2764	2768	rVB	434692	594725	2.31%	0.188%
63	19.304	2768	2774	2776	rBV5	343261	640095	2.49%	0.203%
64	19.339	2777	2780	2784	rVB	458550	672365	2.61%	0.213%
65	19.439	2791	2797	2799	rBV2	6875915	11616832	45.18%	3.680%
66	19.469	2799	2802	2809	rVV	12654636	19389809	75.41%	6.142%
67	19.533	2809	2813	2819	rVB2	1203094	1693504	6.59%	0.536%
68	19.645	2827	2832	2836	rBV	1579810	2138962	8.32%	0.678%
69	19.710	2837	2843	2847	rVB	900997	1446148	5.62%	0.458%
70	19.786	2850	2856	2863	rBV2	1310604	3255985	12.66%	1.031%
71	19.922	2874	2879	2881	rBV3	1099160	1751846	6.81%	0.555%
72	19.963	2882	2886	2890	rVV	3390820	4839001	18.82%	1.533%
73	20.004	2890	2893	2898	rVV3	345483	589451	2.29%	0.187%
74	20.063	2898	2903	2906	rVV	2859286	3786242	14.73%	1.199%
75	20.122	2906	2913	2916	rVV2	2004468	4196852	16.32%	1.329%
76	20.157	2916	2919	2923	rVV	850760	1409620	5.48%	0.447%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

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	20.198	2923	2926	2930	rVV2	669653	1256990	4.89%	0.398%
78	20.257	2933	2936	2940	rVV	977435	1419956	5.52%	0.450%
79	20.304	2940	2944	2948	rVB3	1065385	1536754	5.98%	0.487%
80	20.674	3003	3007	3009	rBV2	534212	822970	3.20%	0.261%
81	20.716	3010	3014	3020	rVB	1437805	2228861	8.67%	0.706%
82	20.880	3038	3042	3045	rBV2	1278956	1915238	7.45%	0.607%
83	20.922	3045	3049	3052	rVV	1960453	2749396	10.69%	0.871%
84	20.963	3052	3056	3062	rVV2	1684760	4003120	15.57%	1.268%
85	21.027	3064	3067	3078	rVB	1508021	2489195	9.68%	0.788%
86	21.263	3097	3107	3112	rBV3	9821527	22042644	85.73%	6.982%
87	21.322	3112	3117	3127	rVB	8854091	14864863	57.81%	4.709%
88	21.451	3135	3139	3147	rBV	1600356	2435354	9.47%	0.771%
89	21.639	3167	3171	3178	rVB4	508320	1134875	4.41%	0.359%
90	21.939	3218	3222	3227	rVB	1505166	2369739	9.22%	0.751%
91	22.004	3229	3233	3241	rVB	937456	1598128	6.22%	0.506%
92	22.186	3260	3264	3268	rBV	835407	1443992	5.62%	0.457%
93	22.227	3268	3271	3278	rVB3	966358	1642181	6.39%	0.520%
94	22.563	3324	3328	3333	rBV2	532008	848331	3.30%	0.269%
95	23.286	3441	3451	3456	rBV2	5731091	18006973	70.03%	5.704%
96	23.504	3483	3488	3496	rVB	1358665	2817745	10.96%	0.893%
97	23.921	3554	3559	3566	rBV2	1184242	2952872	11.48%	0.935%
98	24.063	3576	3583	3593	rVB	3718566	9016478	35.07%	2.856%
99	24.192	3598	3605	3612	rVV	1584387	3863086	15.02%	1.224%
100	27.492	4156	4166	4186	rVB4	1901238	8632620	33.57%	2.734%

Sum of corrected areas: 315701564

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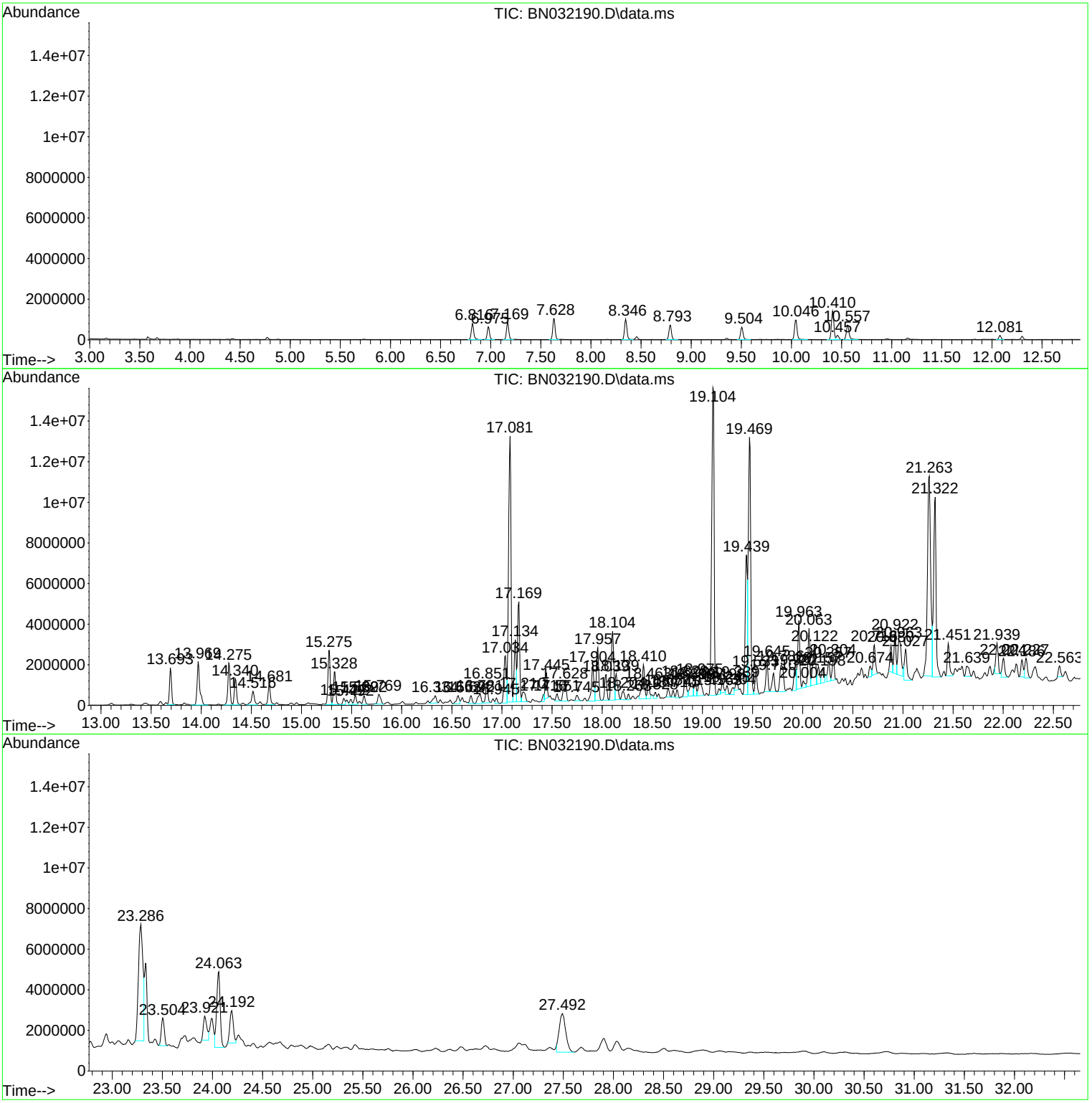
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

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 : BN032190.D
Acq On : 23 Jun 2024 07:02
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Sample : P2775-21
Misc :
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Instrument :
BNA_N
ClientSampleId :
A4D58

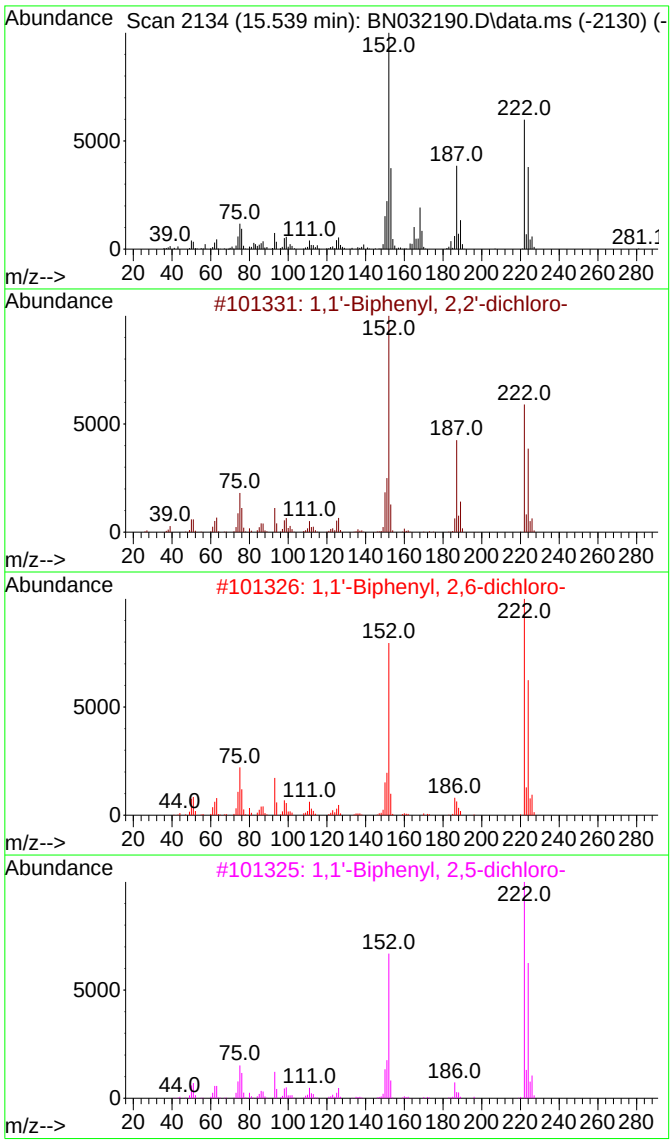
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

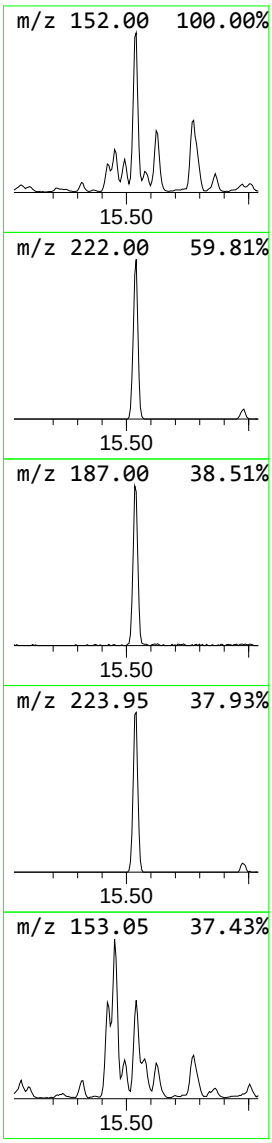
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.540	4.26 ng/ul	667420	Acenaphthene-d10	14.275

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, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	94
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	93
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	93
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
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Sample : P2775-21
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

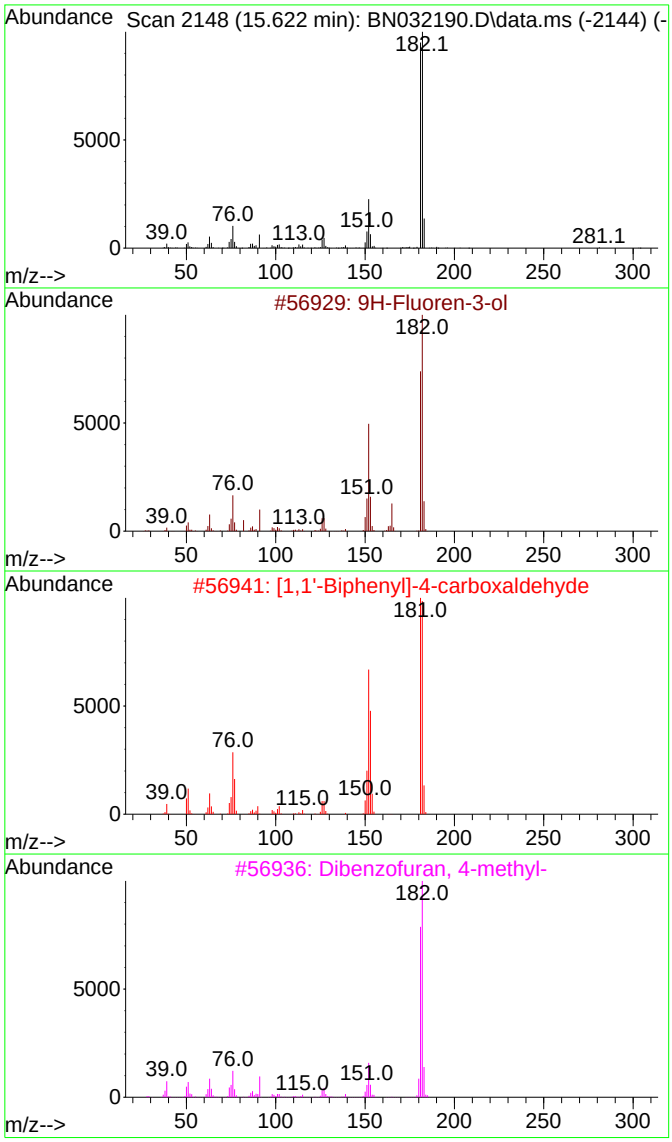
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

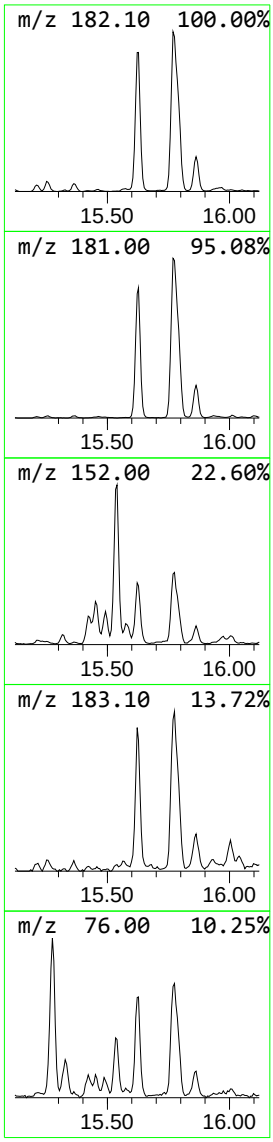
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-3-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	4.17 ng/ul	652756	Acenaphthene-d10	14.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
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Instrument :
BNA_N
ClientSampleId :
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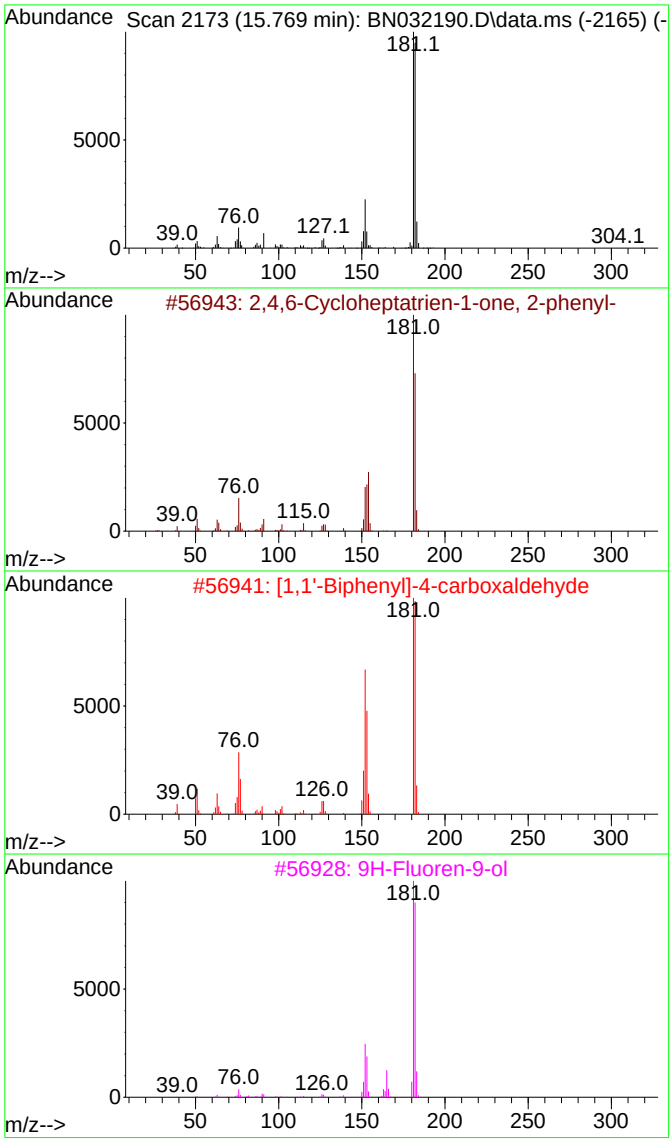
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

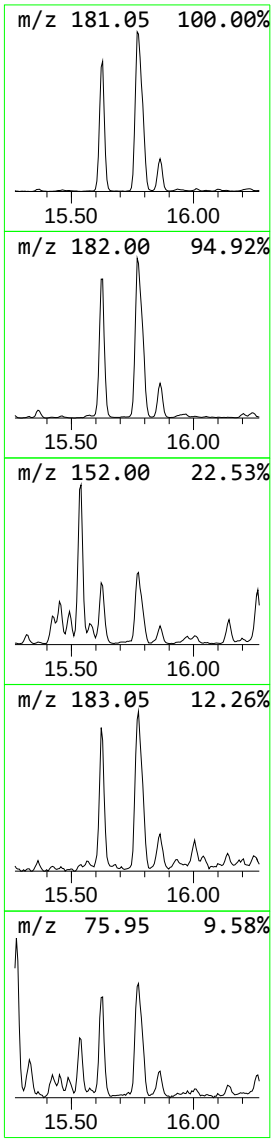
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	4.80 ng/ul	998383	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

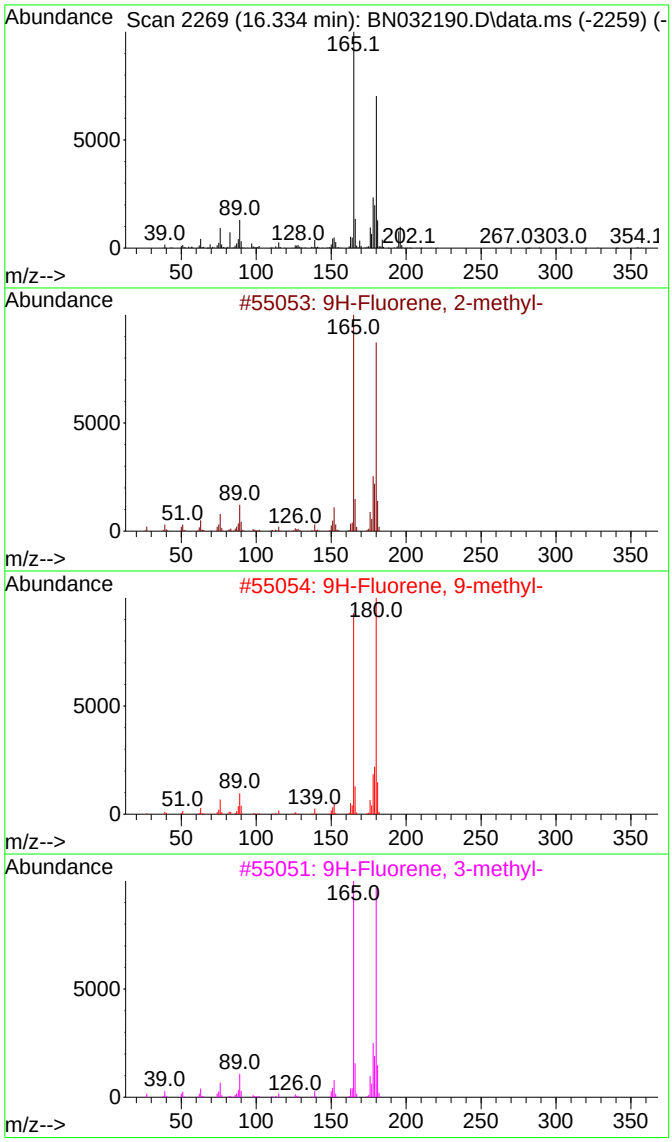
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

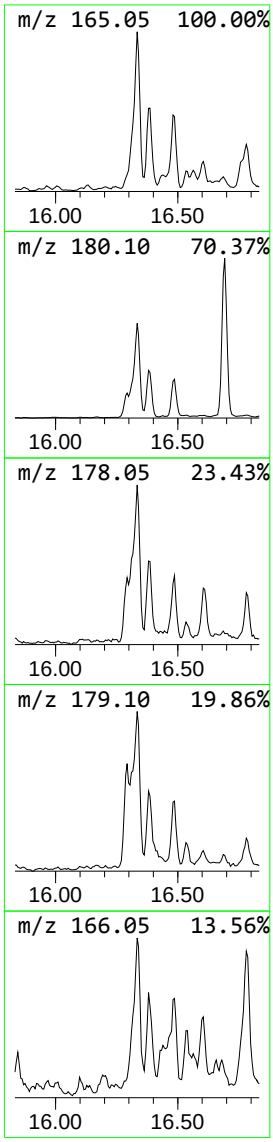
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	3.97 ng/ul	826212	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

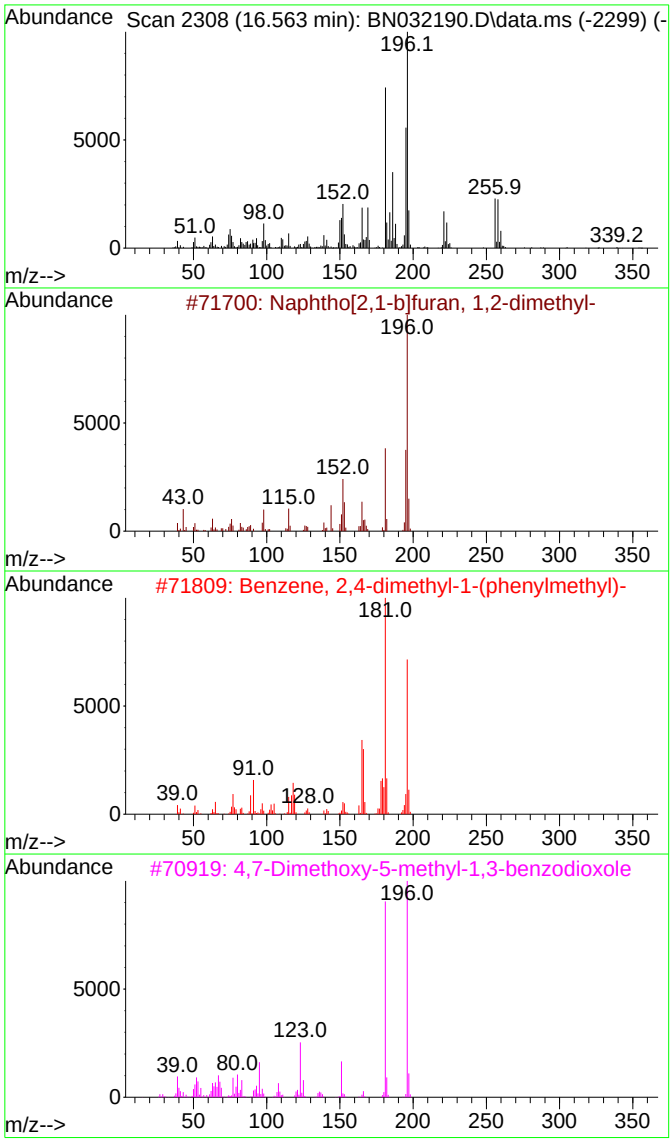
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

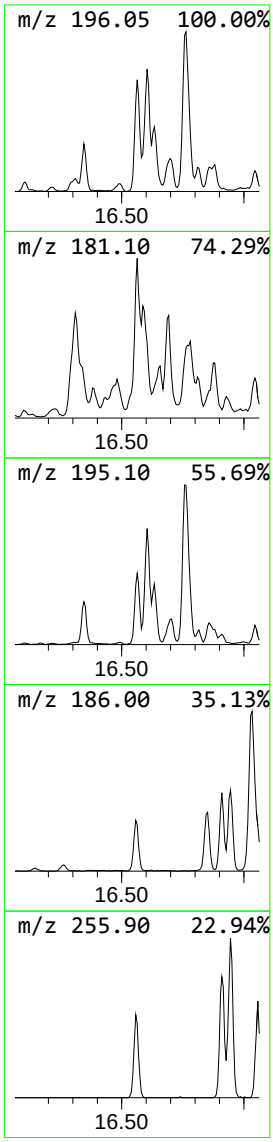
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	3.62 ng/ul	754195	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	49
3	4,7-Dimethoxy-5-methyl-1,3-benzo...	196	C10H12O4	165816-66-0	45
4	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	43
5	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	43





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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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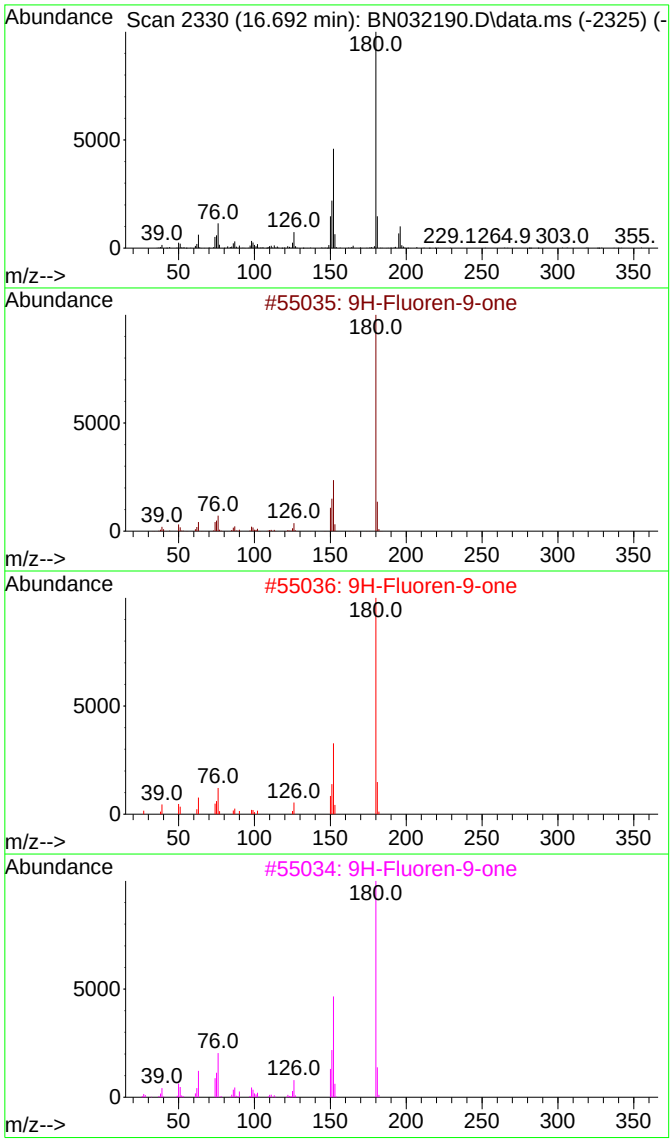
Quant Title : SVOA CALIBRATION

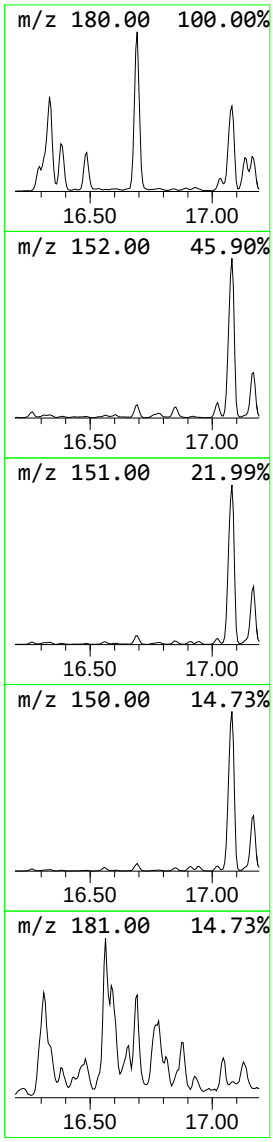
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluoren-9-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	2.95 ng/ul	613642	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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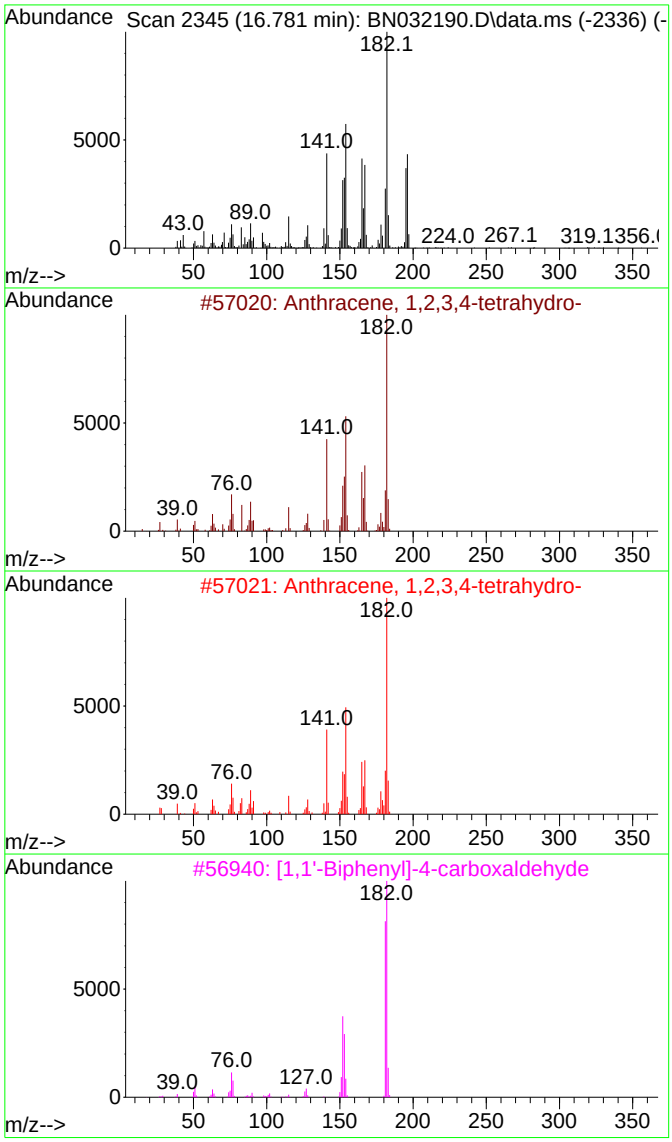
Quant Title : SVOA CALIBRATION

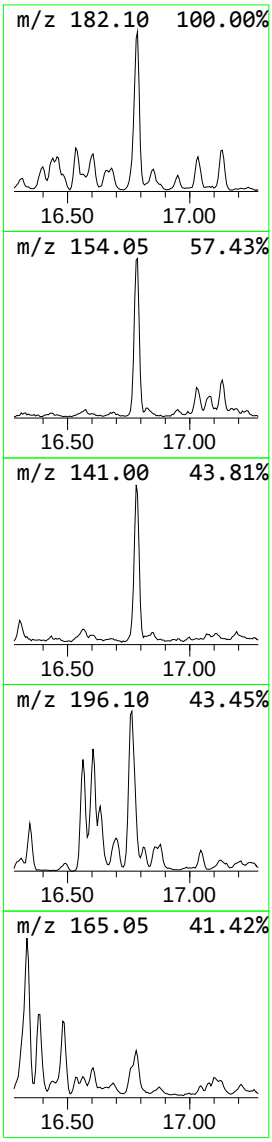
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.781	5.31 ng/ul	1104410	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	96
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50





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Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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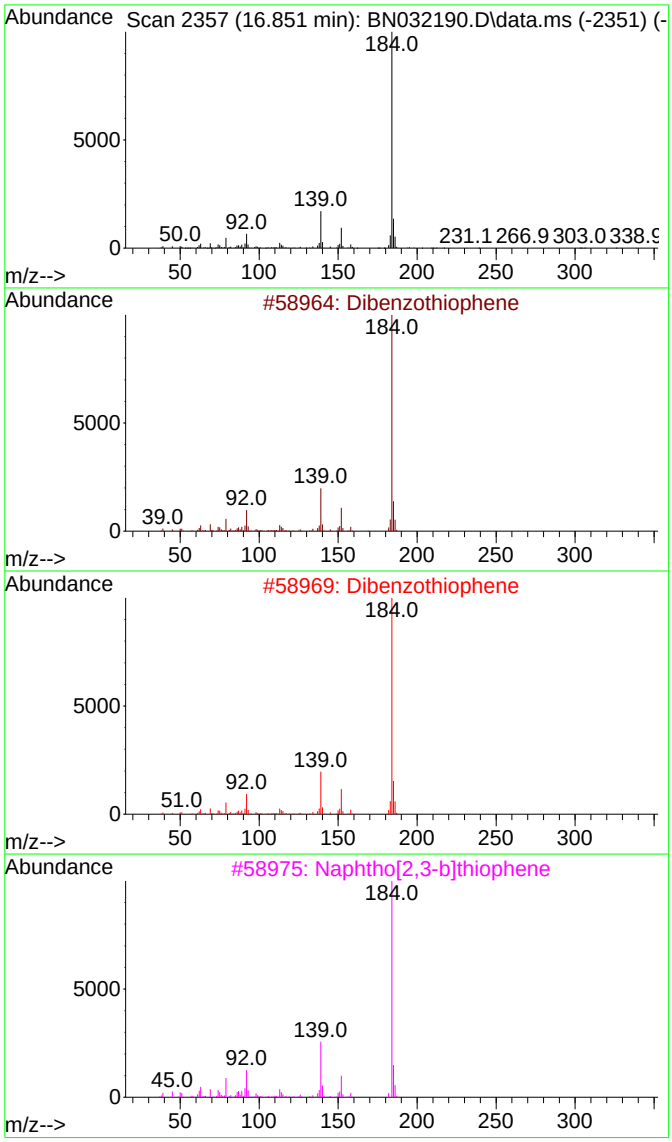
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

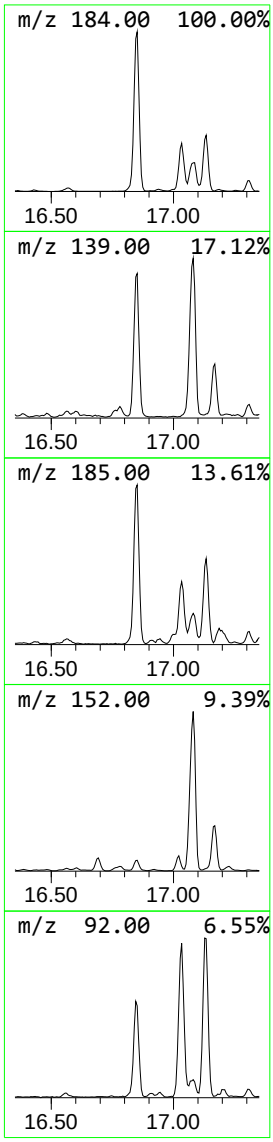
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	7.51 ng/ul	1562130	Phenanthrene-d10	17.034

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





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Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

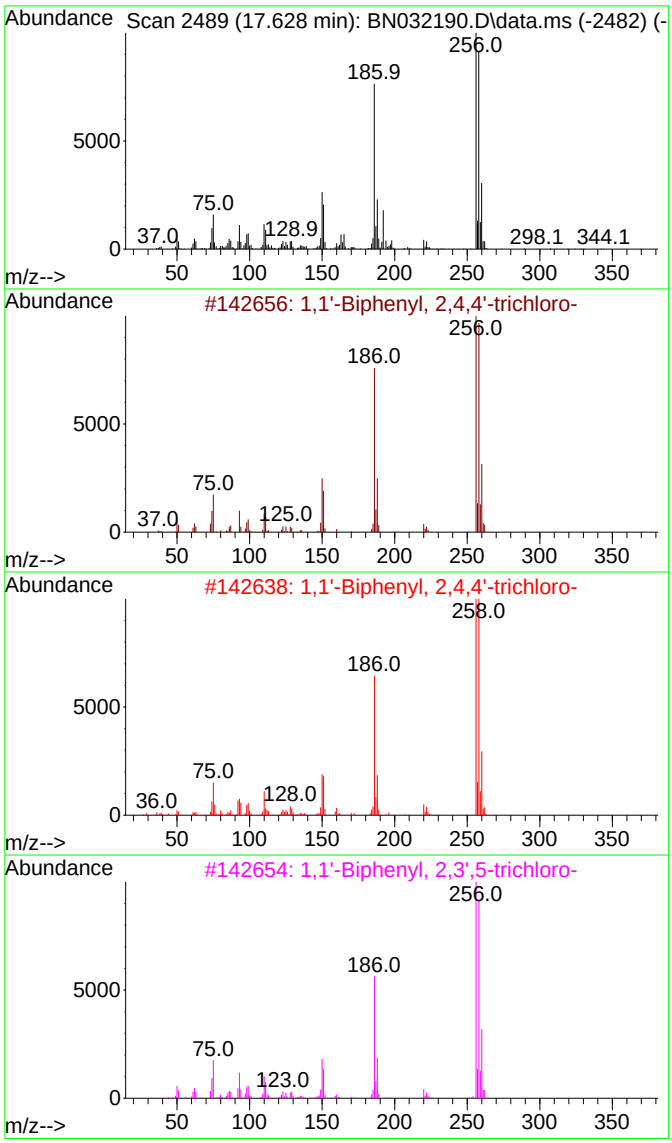
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

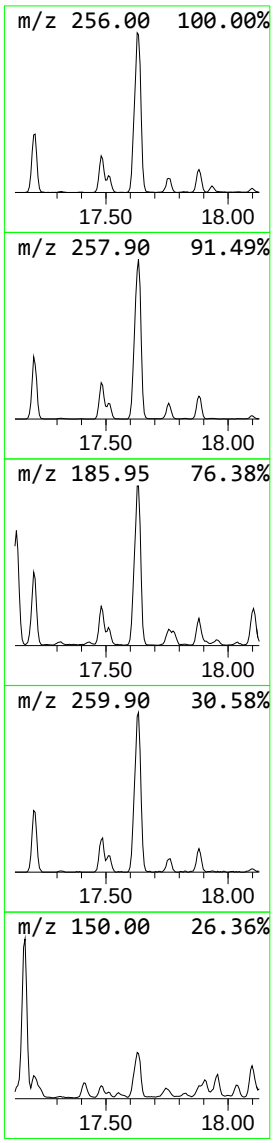
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.628	9.59 ng/ul	1996040	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





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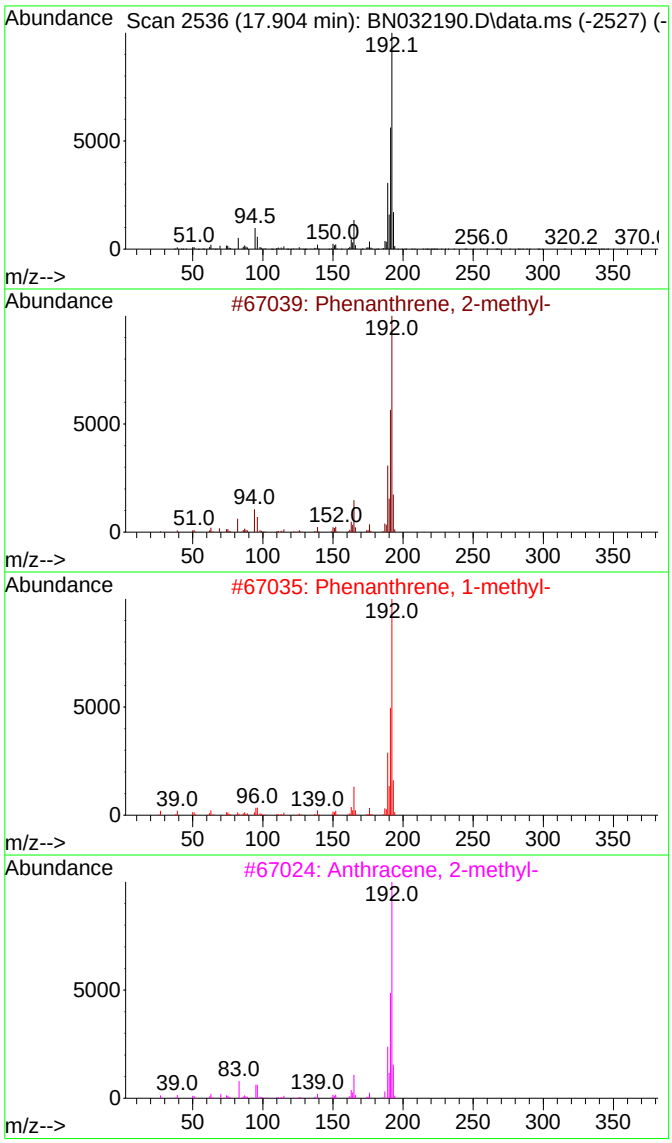
Quant Title : SVOA CALIBRATION

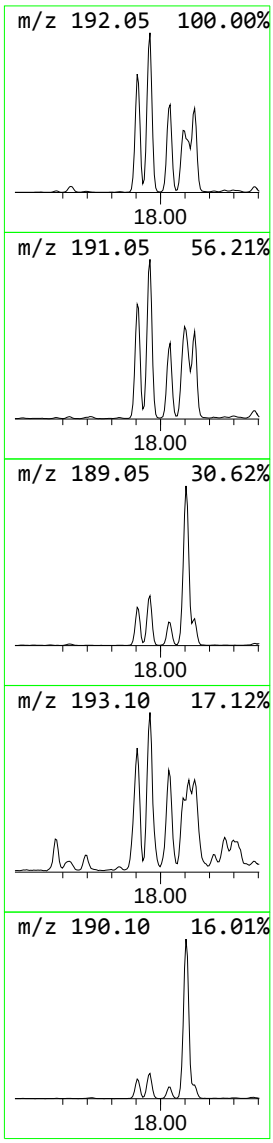
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	15.33 ng/ul	3190390	Phenanthrene-d10	17.034

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





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Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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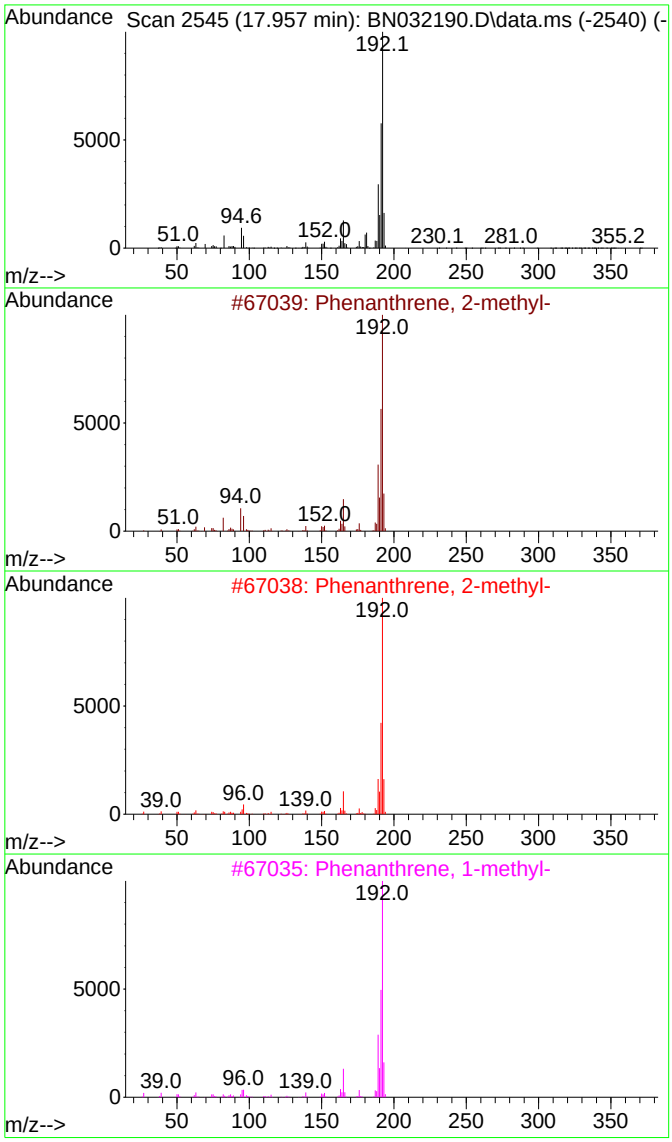
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

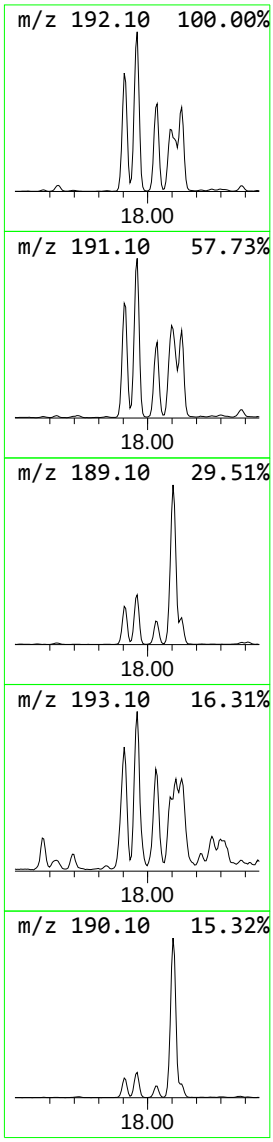
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	19.68 ng/ul	4096080	Phenanthrene-d10	17.034

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





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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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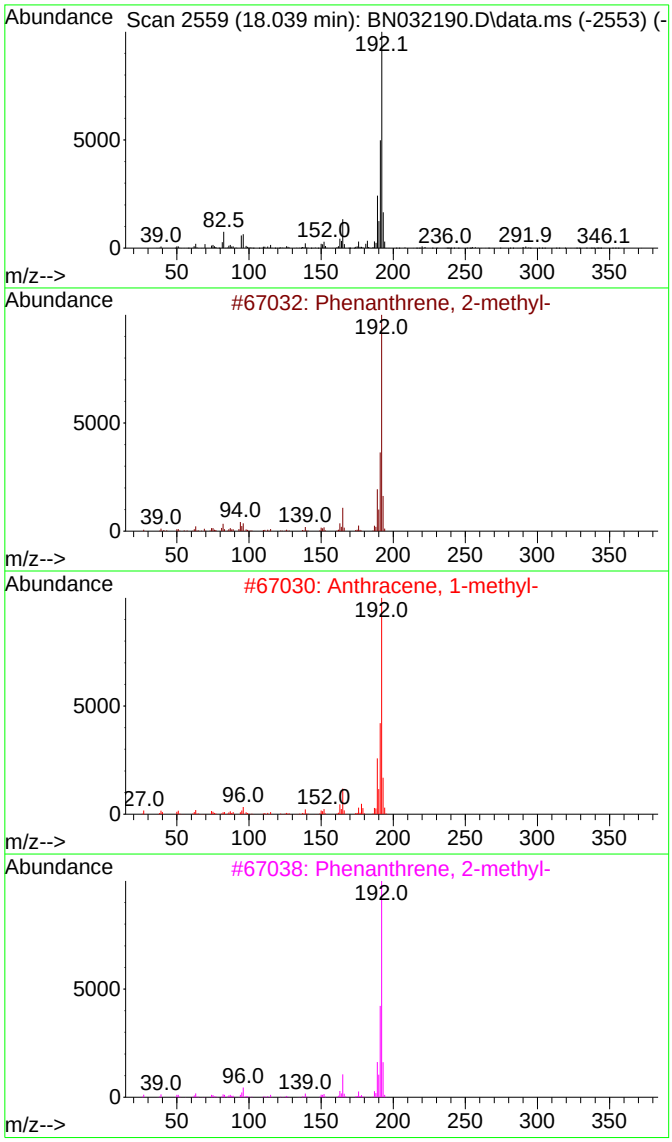
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

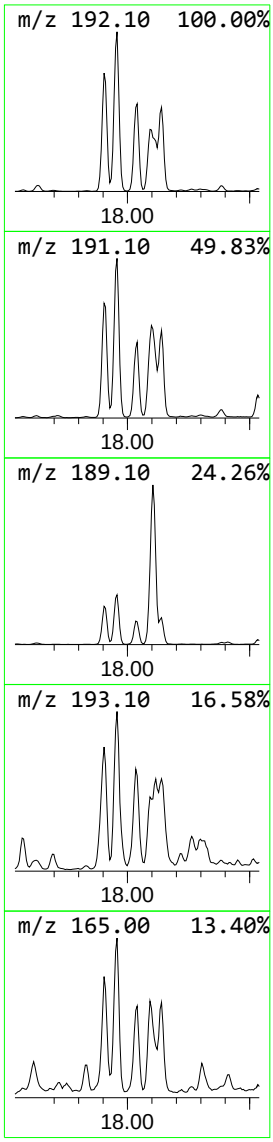
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	8.92 ng/ul	1856510	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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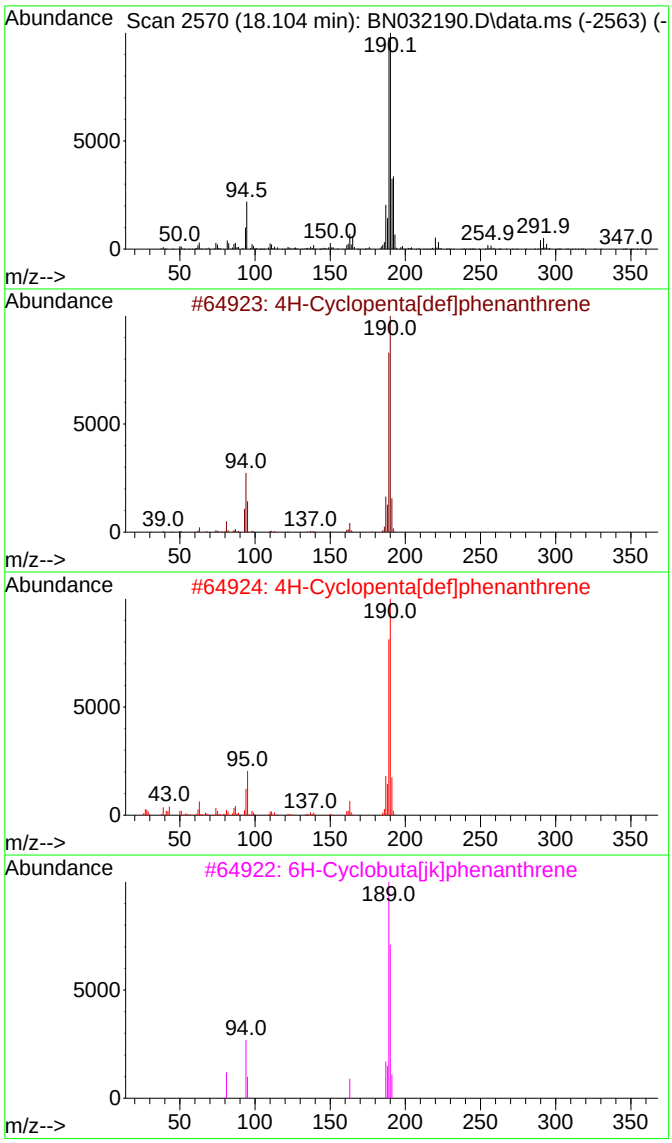
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

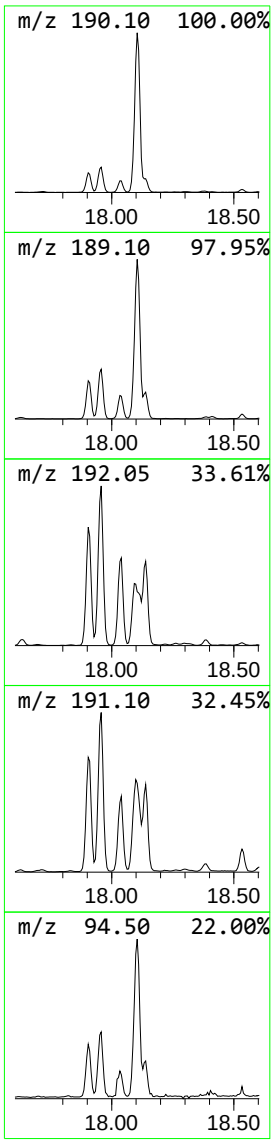
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	29.46 ng/ul	6130510	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Misc :
ALS Vial : 33 Sample Multiplier: 1

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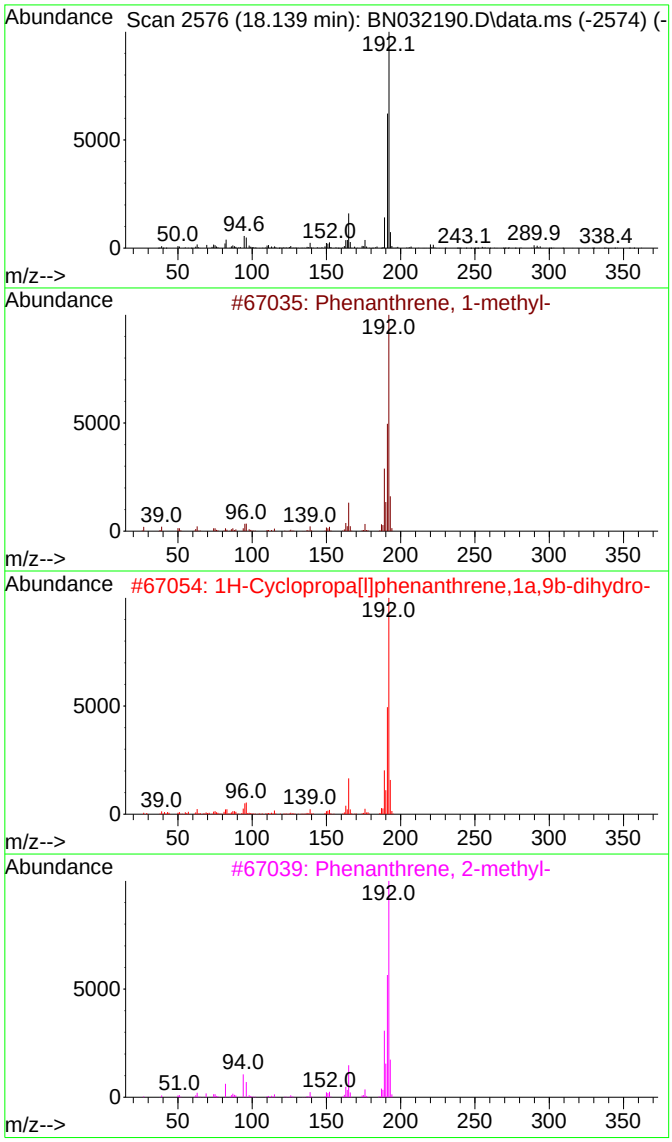
Quant Title : SVOA CALIBRATION

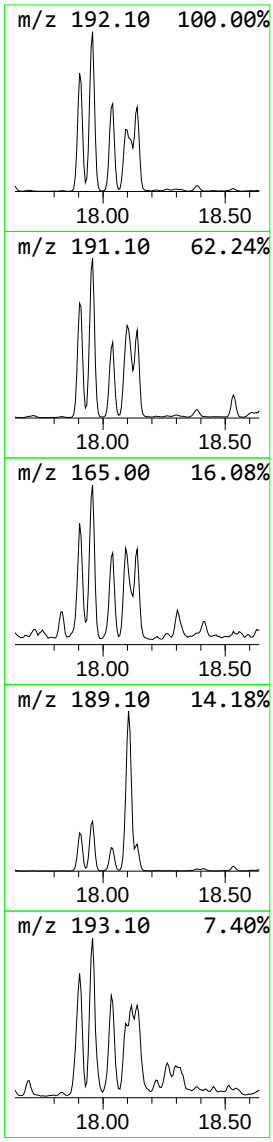
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	9.15 ng/ul	1904810	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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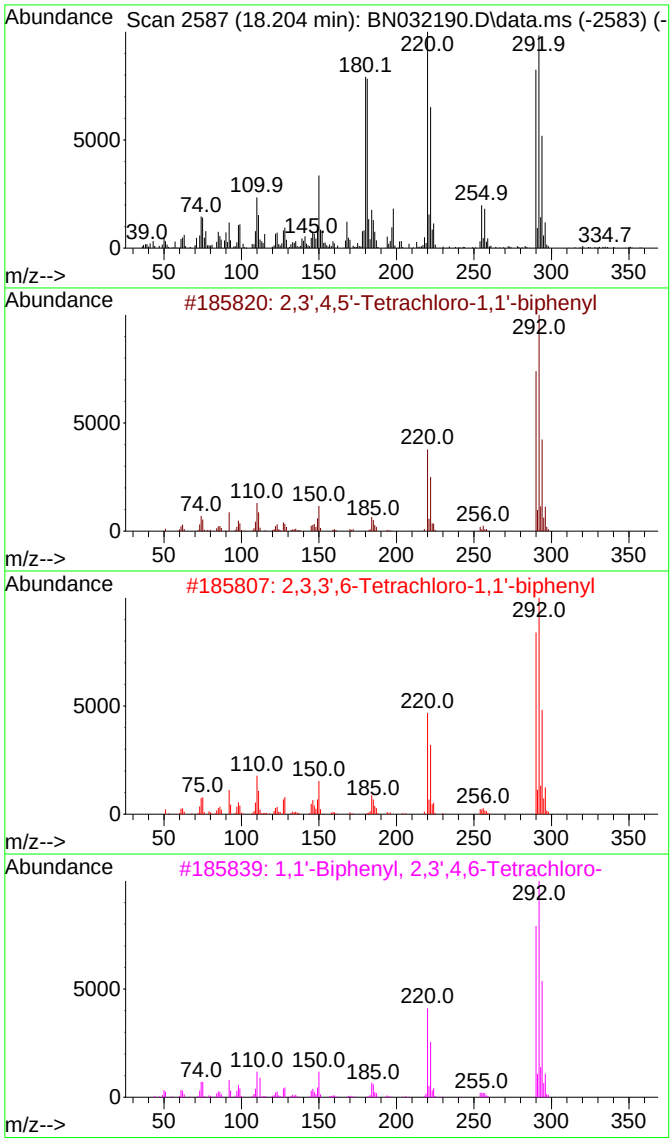
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

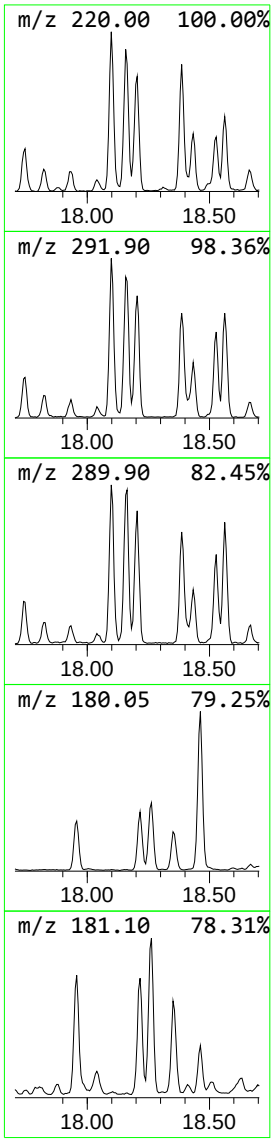
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.65 ng/ul	759120	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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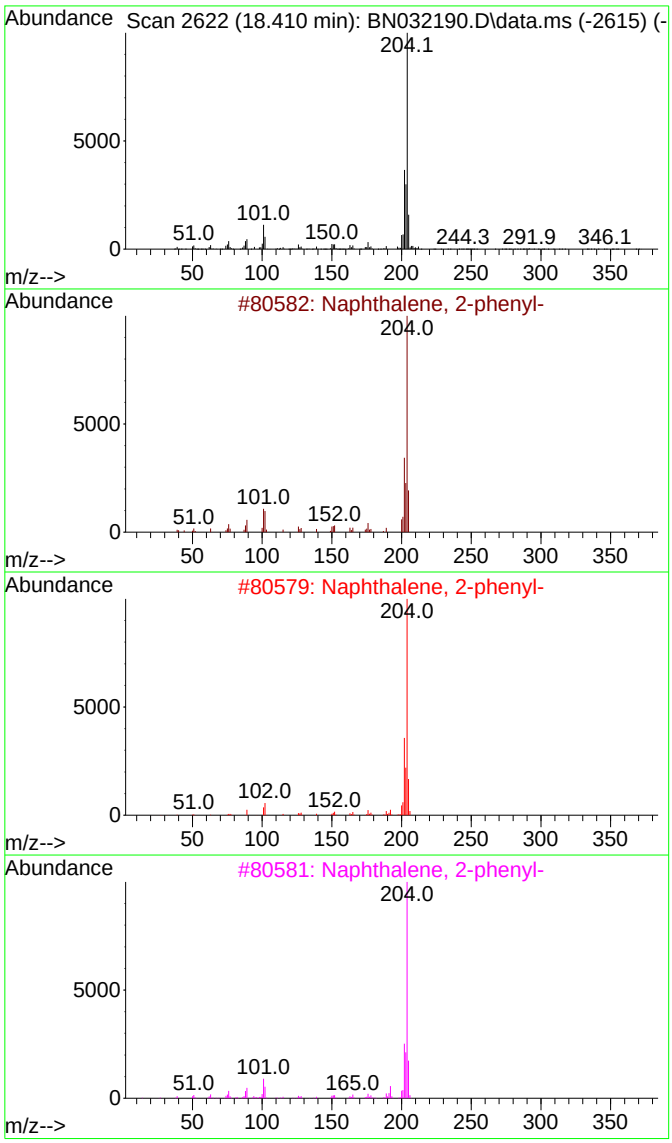
Quant Title : SVOA CALIBRATION

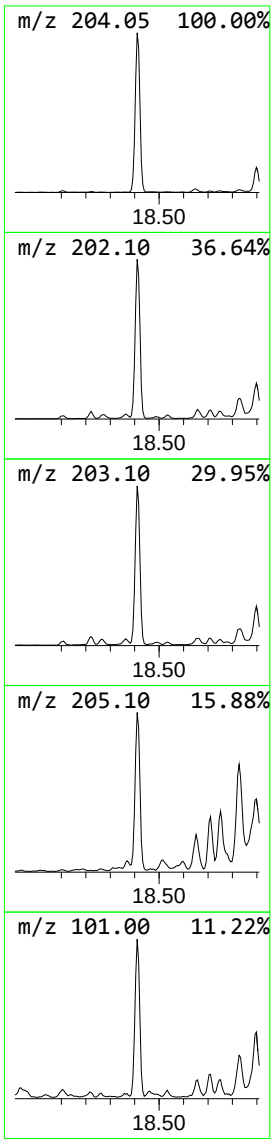
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	14.08 ng/ul	2931360	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

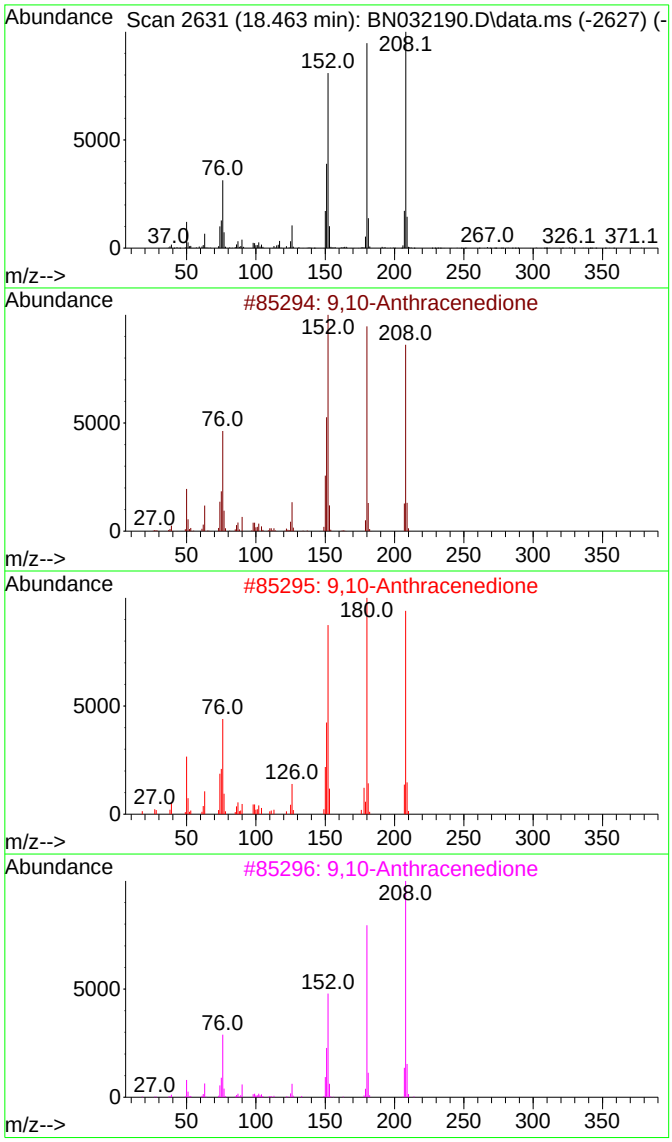
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

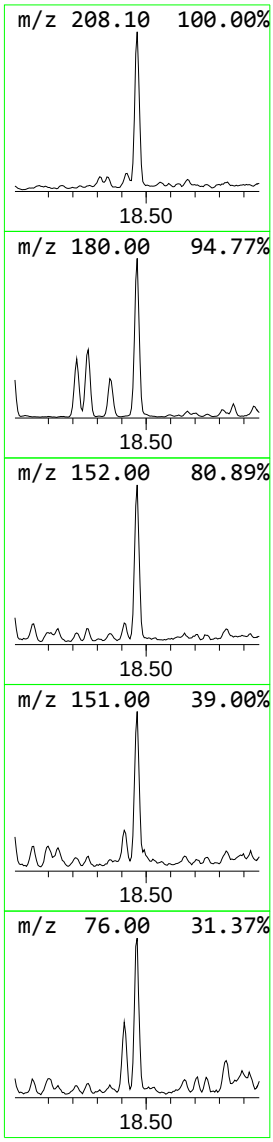
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	5.85 ng/ul	1217150	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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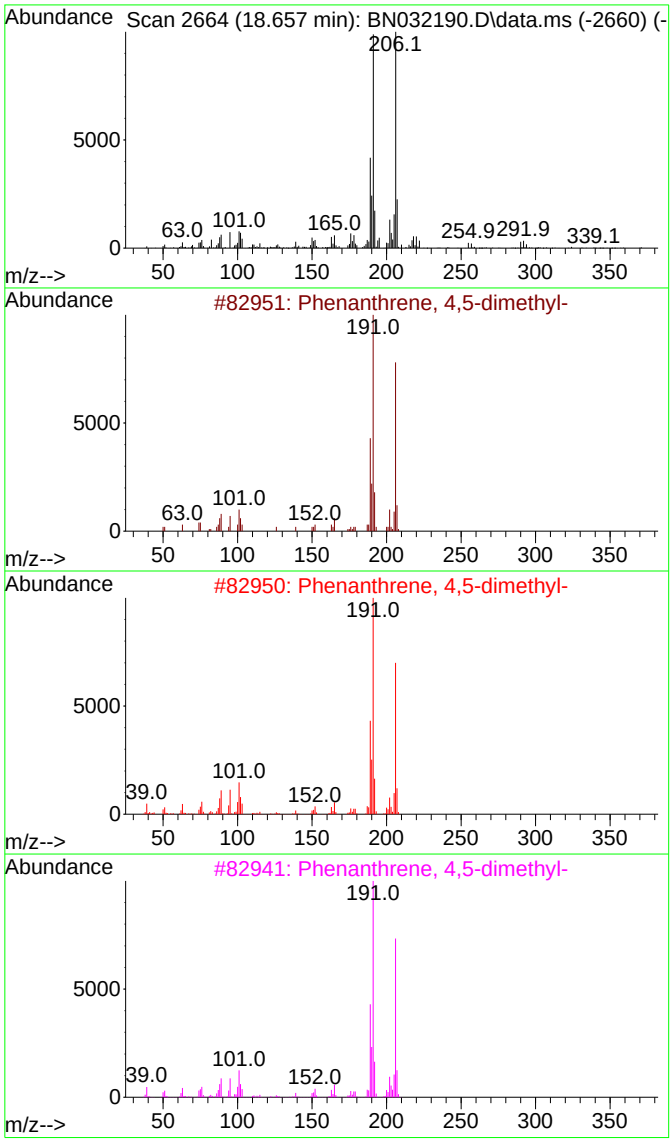
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

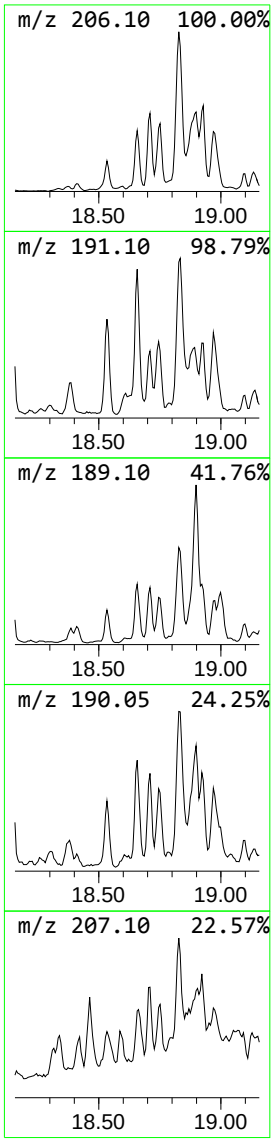
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 4,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.92 ng/ul	607366	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90





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Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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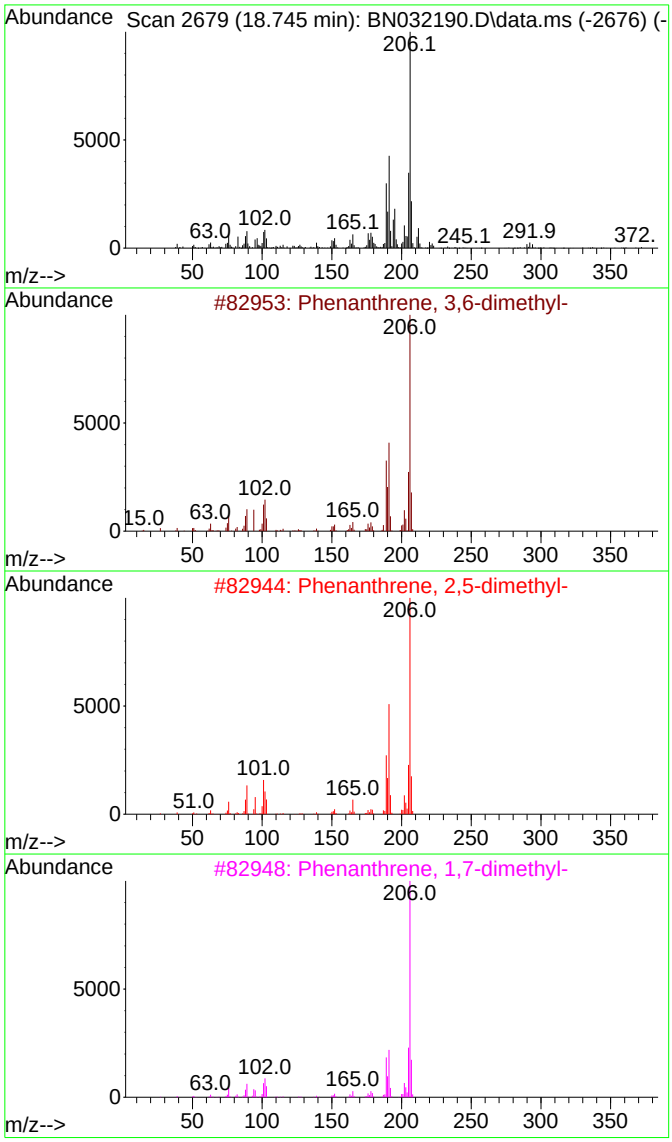
Quant Title : SVOA CALIBRATION

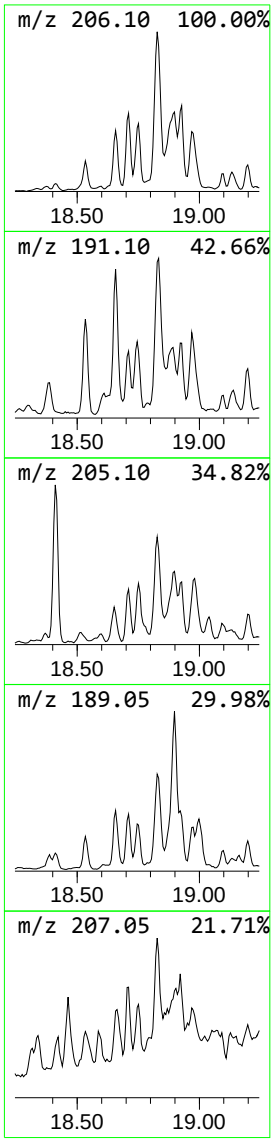
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 3,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	2.53 ng/ul	525542	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Sample : P2775-21
Misc :
ALS Vial : 33 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

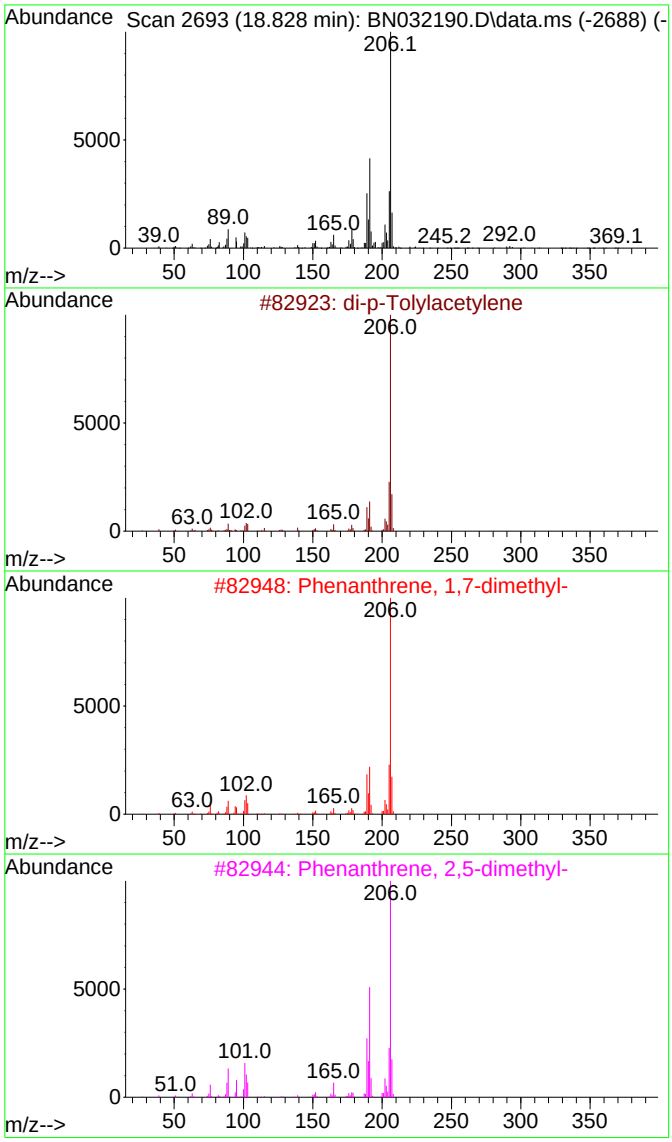
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

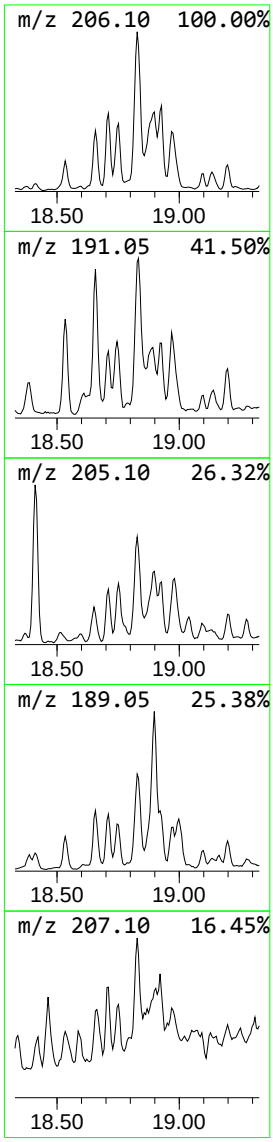
****

Peak Number 24 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	7.00 ng/ul	1457660	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Misc :
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Quant Title : SVOA CALIBRATION

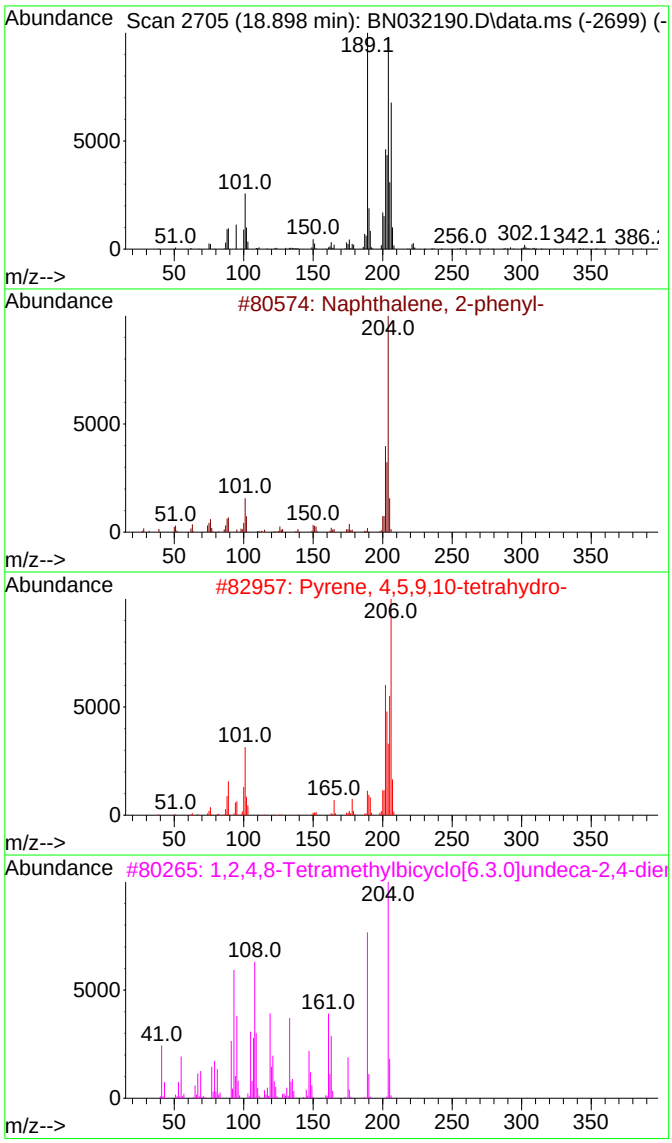
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

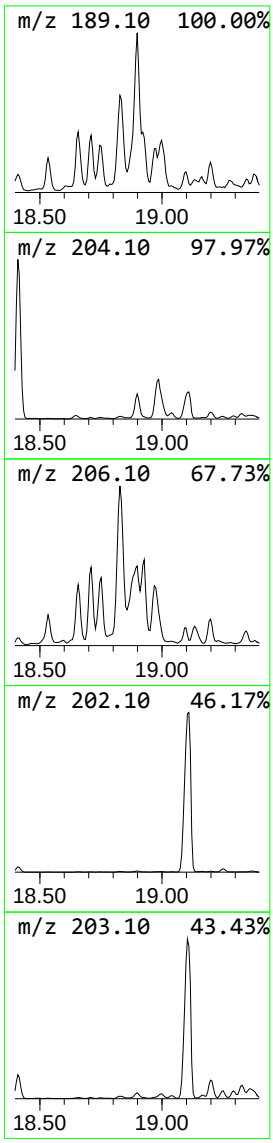
****

Peak Number 25 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	6.89 ng/ul	1434190	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	44
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
5	Levamisole	204	C11H12N2S	014769-73-4	35





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Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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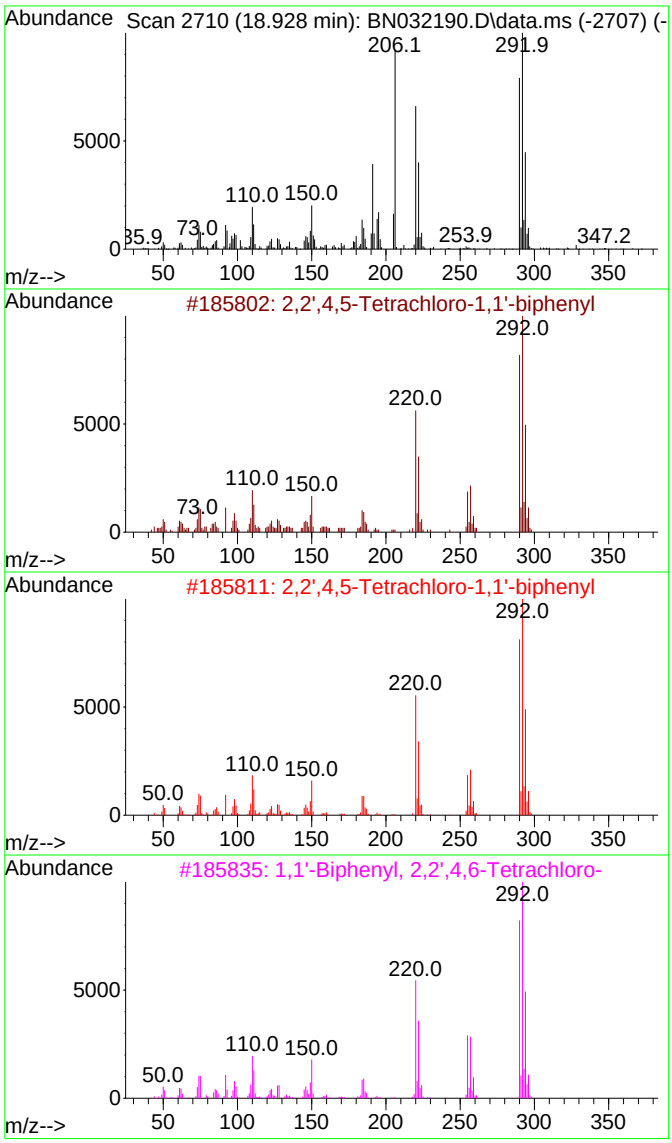
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

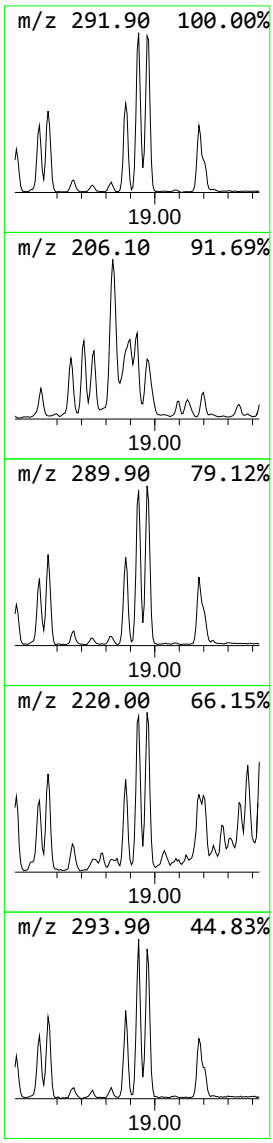
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	4.84 ng/ul	1006370	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 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

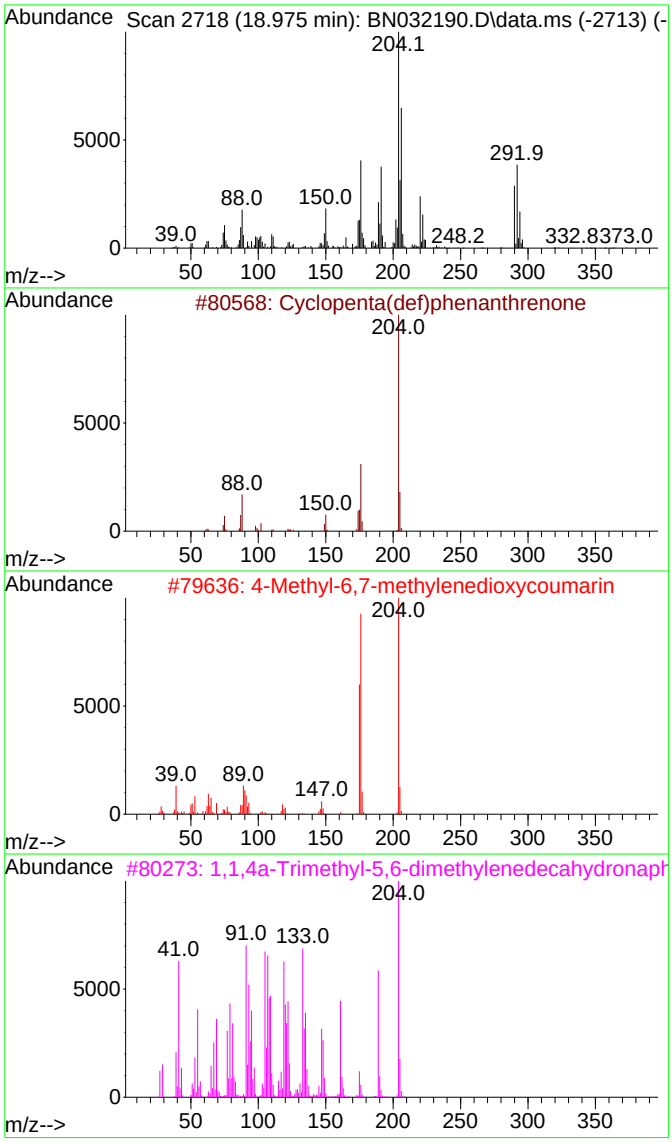
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

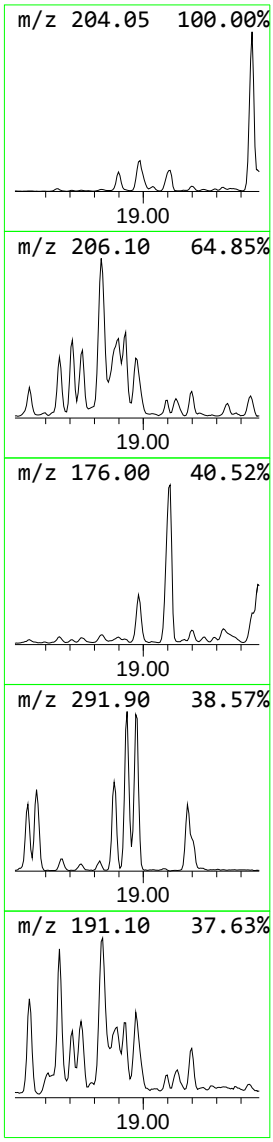
****

Peak Number 27 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	9.46 ng/ul	1968720	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	38
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	25
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	22





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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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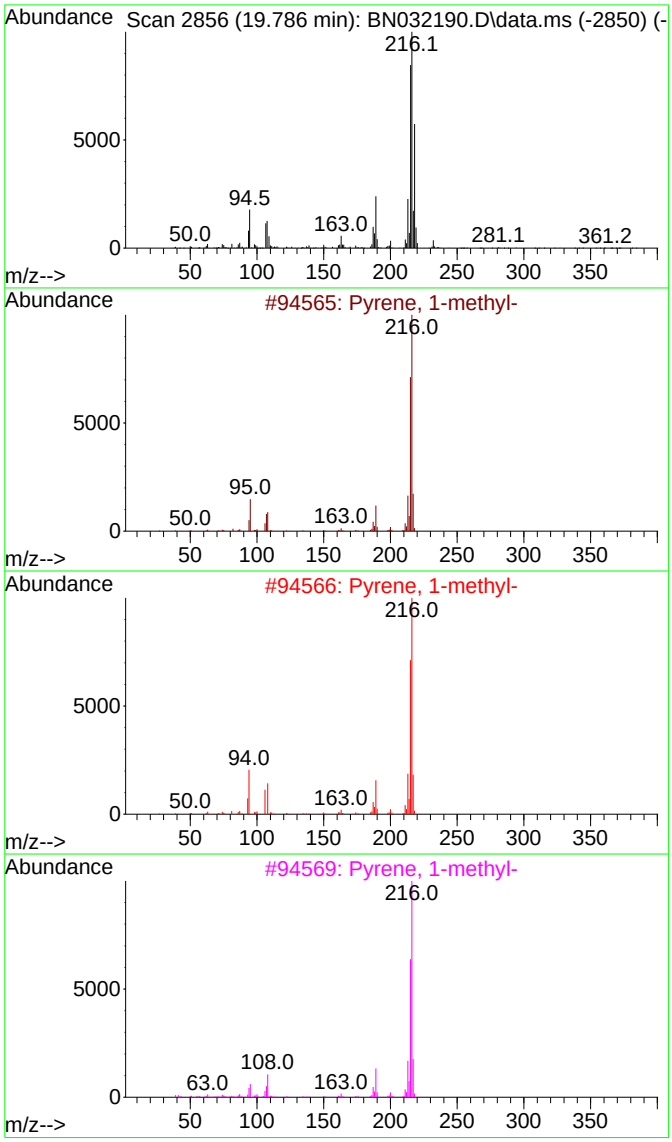
Quant Title : SVOA CALIBRATION

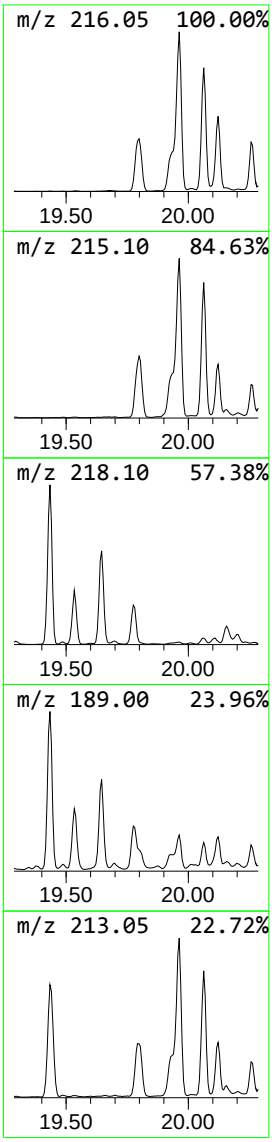
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.786	2.95 ng/ul	3255990	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

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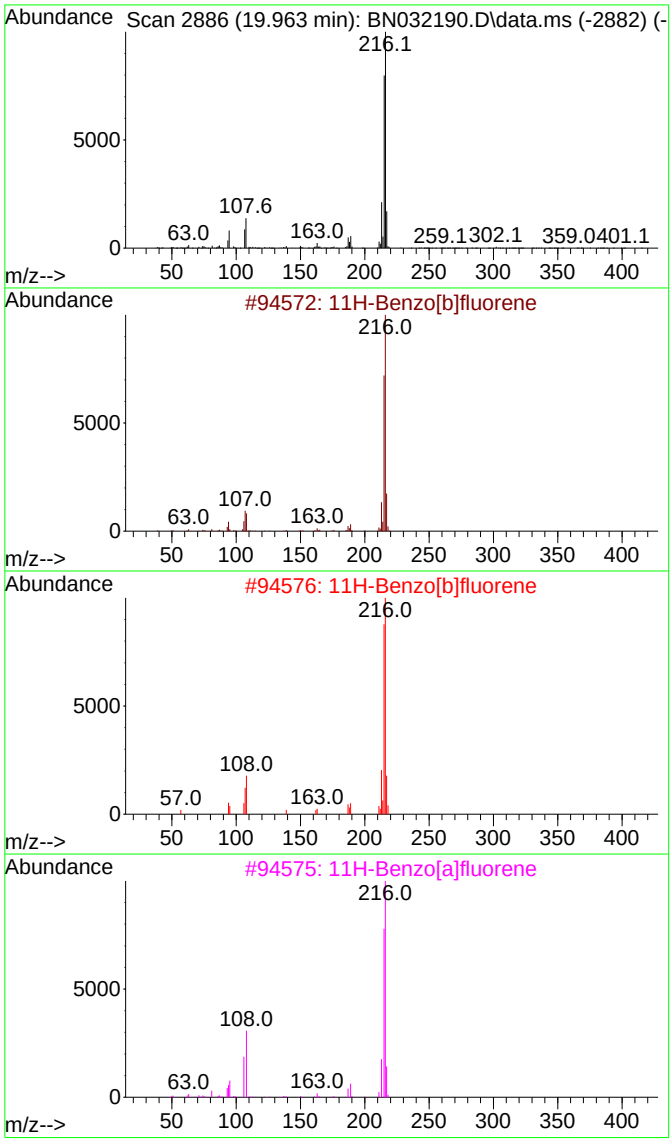
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

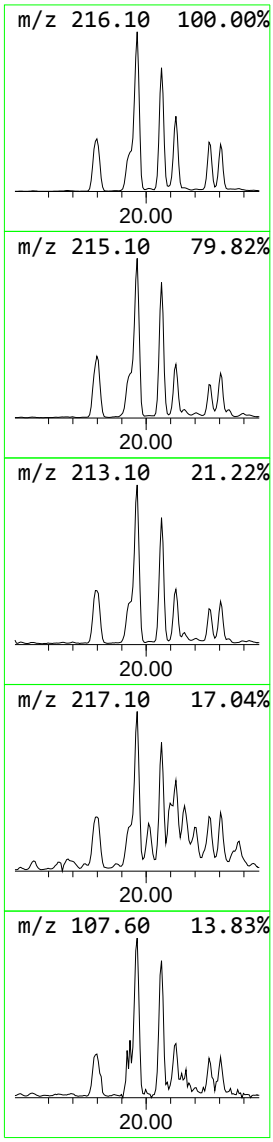
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	4.39 ng/ul	4839000	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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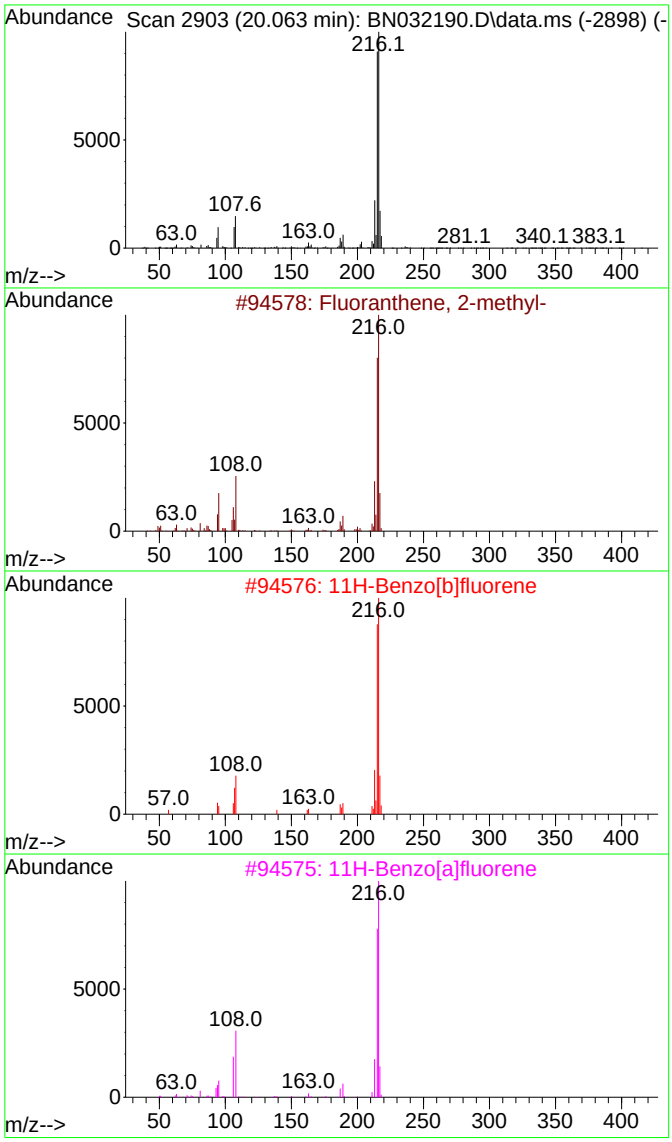
Quant Title : SVOA CALIBRATION

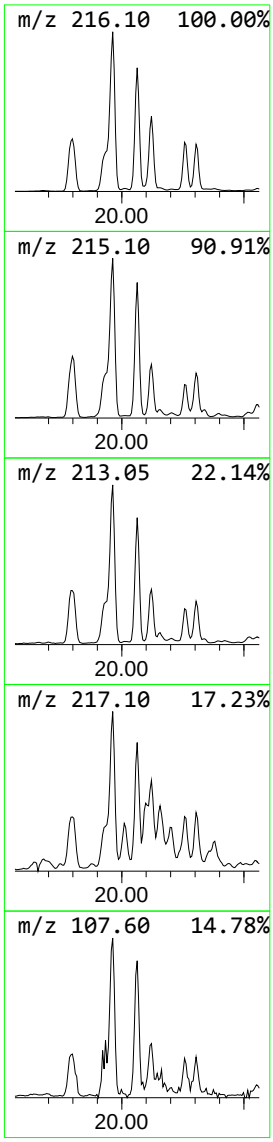
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Fluoranthene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	3.44 ng/ul	3786240	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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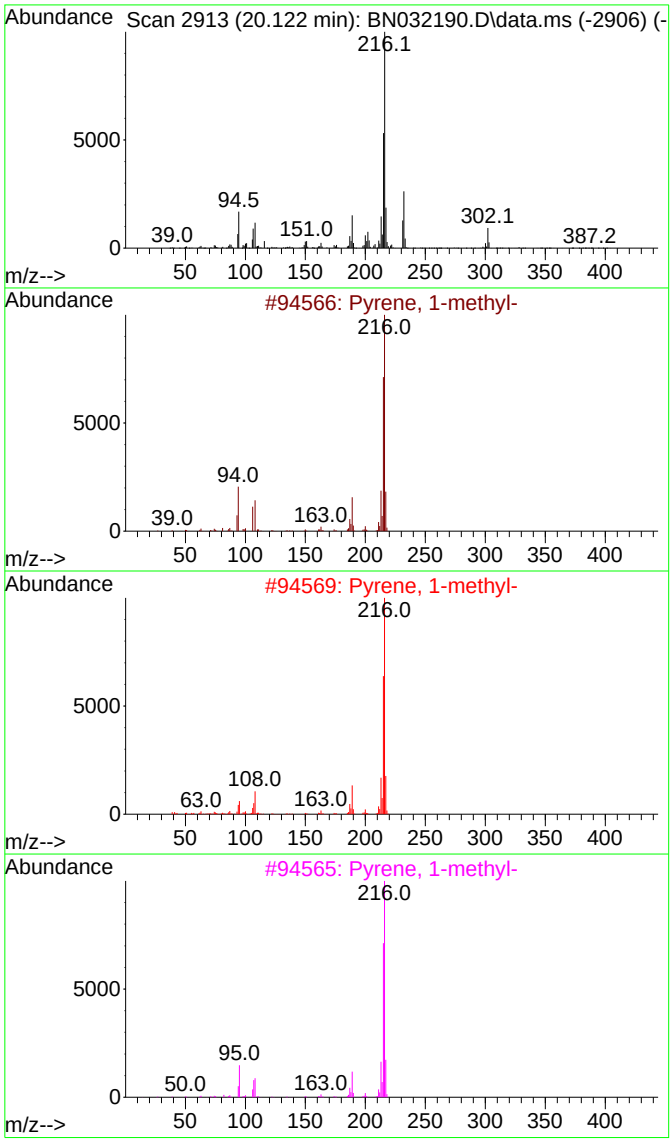
Quant Title : SVOA CALIBRATION

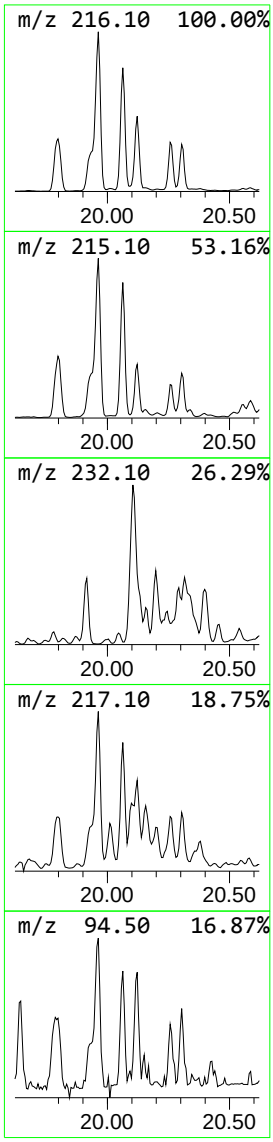
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Pyrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.81 ng/ul	4196850	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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ClientSampleId :
A4D58

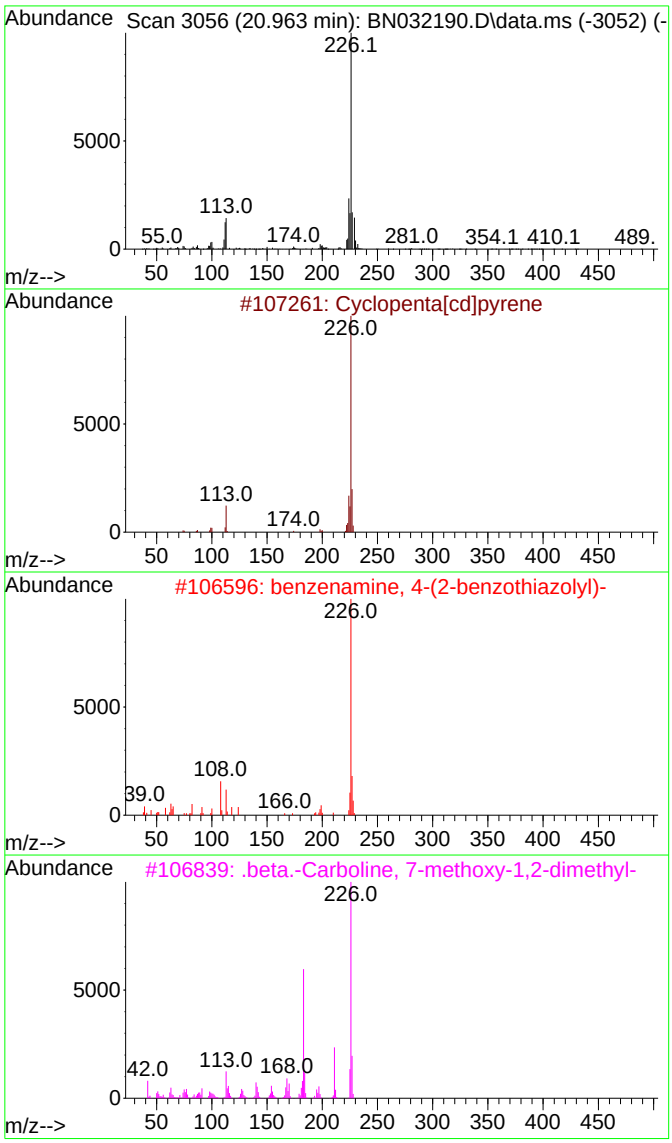
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

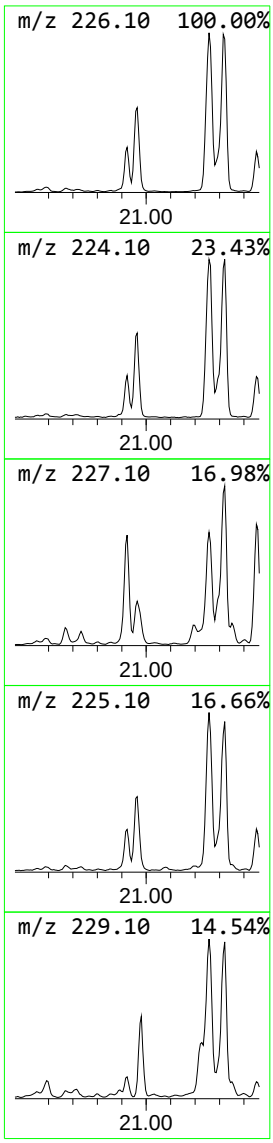
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Cyclopenta[cd]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	3.63 ng/ul	4003120	Chrysene-d12	21.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

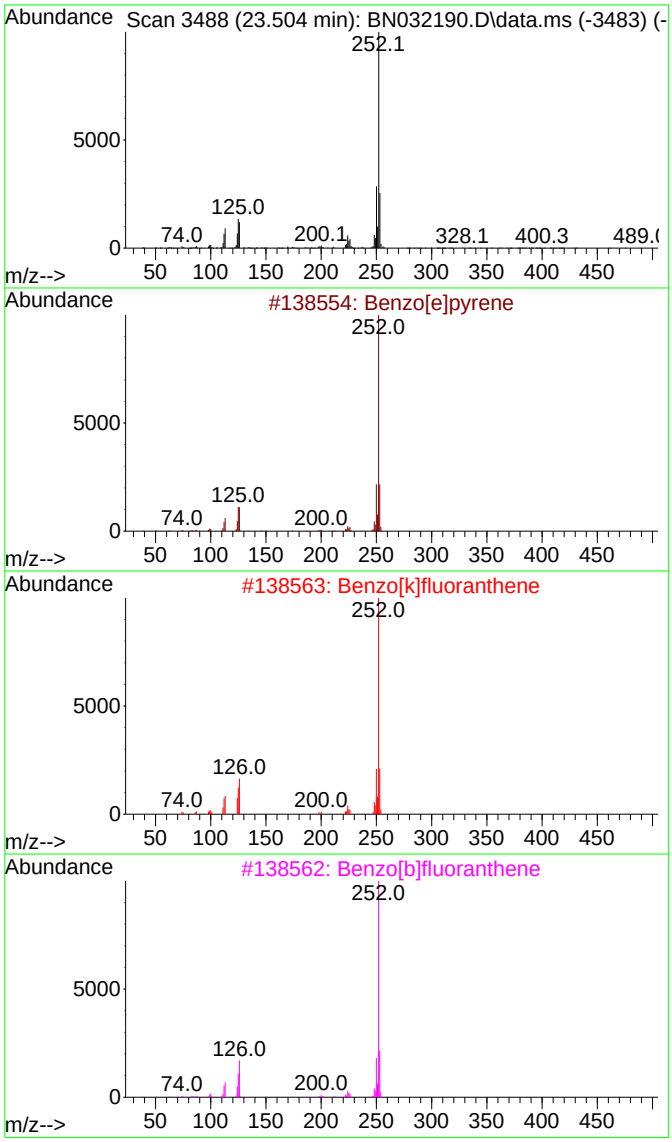
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

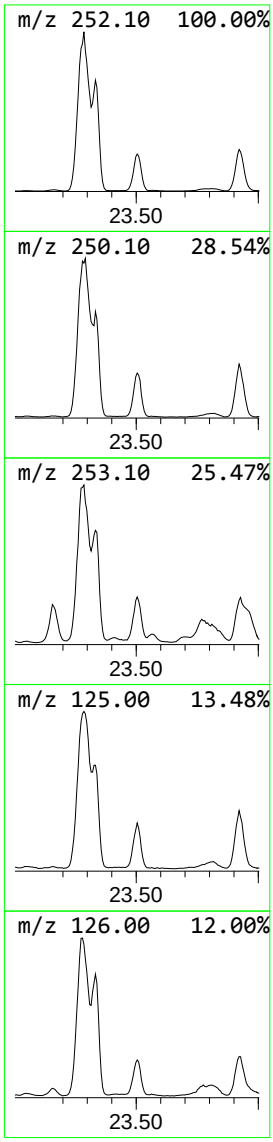
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	14.59 ng/ul	2817750	Perylene-d12	24.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

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

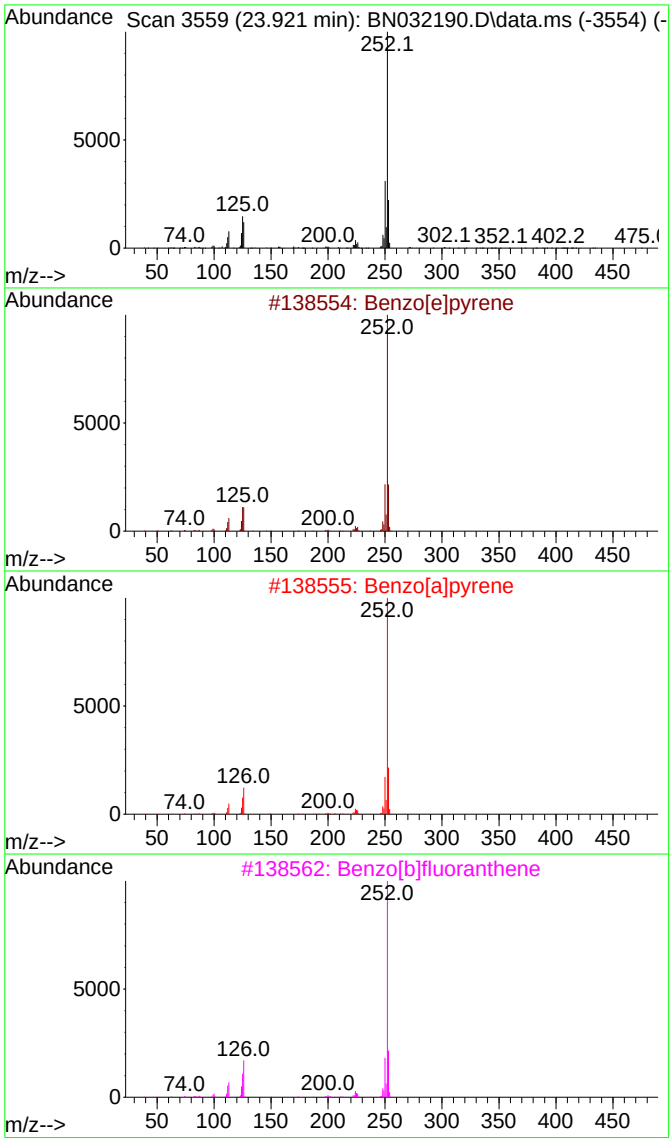
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

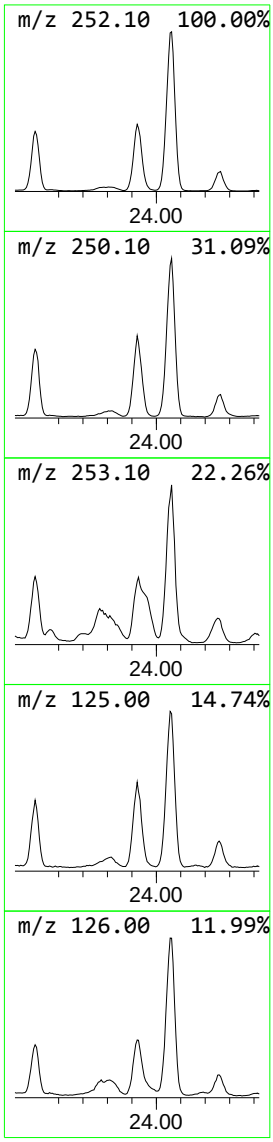
****

Peak Number 39 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	15.29 ng/ul	2952870	Perylene-d12	24.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032190.D
Acq On : 23 Jun 2024 07:02
Operator : MA/JU
Sample : P2775-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D58

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
1,1'-Biphenyl, ...	15.540	4.3	ng/ul	667420	3	14.275	3132030	20.0
9H-Fluoren-3-ol	15.622	4.2	ng/ul	652756	3	14.275	3132030	20.0
2,4,6-Cycloheptt...	15.769	4.8	ng/ul	998383	4	17.034	4162620	20.0
9H-Fluorene, 2-...	16.334	4.0	ng/ul	826212	4	17.034	4162620	20.0
Naphtho[2,1-b]f...	16.563	3.6	ng/ul	754195	4	17.034	4162620	20.0
9H-Fluoren-9-one	16.692	3.0	ng/ul	613642	4	17.034	4162620	20.0
Anthracene, 1,2...	16.781	5.3	ng/ul	1104410	4	17.034	4162620	20.0
Dibenzothiophene	16.851	7.5	ng/ul	1562130	4	17.034	4162620	20.0
1,1'-Biphenyl, ...	17.628	9.6	ng/ul	1996040	4	17.034	4162620	20.0
Phenanthrene, 2...	17.904	15.3	ng/ul	3190390	4	17.034	4162620	20.0
Phenanthrene, 1...	17.957	19.7	ng/ul	4096080	4	17.034	4162620	20.0
Anthracene, 1-m...	18.039	8.9	ng/ul	1856510	4	17.034	4162620	20.0
4H-Cyclopenta[d...	18.104	29.5	ng/ul	6130510	4	17.034	4162620	20.0
1H-Cyclopropa[l...	18.139	9.2	ng/ul	1904810	4	17.034	4162620	20.0
2,3',4,5'-Tetra...	18.204	3.6	ng/ul	759120	4	17.034	4162620	20.0
Naphthalene, 2-...	18.410	14.1	ng/ul	2931360	4	17.034	4162620	20.0
9,10-Anthracene...	18.463	5.8	ng/ul	1217150	4	17.034	4162620	20.0
Phenanthrene, 4...	18.657	2.9	ng/ul	607366	4	17.034	4162620	20.0
Phenanthrene, 3...	18.745	2.5	ng/ul	525542	4	17.034	4162620	20.0
di-p-Tolylacety...	18.828	7.0	ng/ul	1457660	4	17.034	4162620	20.0
unknown-01	18.898	6.9	ng/ul	1434190	4	17.034	4162620	20.0
2,2',4,5-Tetrac...	18.927	4.8	ng/ul	1006370	4	17.034	4162620	20.0
unknown-02	18.975	9.5	ng/ul	1968720	4	17.034	4162620	20.0
Pyrene, 1-methyl-	19.786	3.0	ng/ul	3255990	5	21.275	22042600	20.0
11H-Benzo[b]flu...	19.963	4.4	ng/ul	4839000	5	21.275	22042600	20.0
Fluoranthene, 2...	20.063	3.4	ng/ul	3786240	5	21.275	22042600	20.0
Pyrene, 4-methyl-	20.122	3.8	ng/ul	4196850	5	21.275	22042600	20.0
Cyclopenta[cd]p...	20.963	3.6	ng/ul	4003120	5	21.275	22042600	20.0
Benzo[e]pyrene	23.504	14.6	ng/ul	2817750	6	24.192	3863090	20.0
Perylene	23.921	15.3	ng/ul	2952870	6	24.192	3863090	20.0