LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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: BN031782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.852	648	657	671	rVB	174968	329687	0.85%	0.078%
2	7.681	790	798	806	rBV	1809791	2887265	7.44%	0.683%
3	8.381	910	917	924	rBV	195271	337255	0.87%	0.080%
4	10.087	1199	1207	1218	rBV	205368	362324	0.93%	0.086%
5	10.463	1262	1271	1276	rBV	2546946	4400982	11.34%	1.042%
6	10.510	1276	1279	1289	rVV	1010365	1627450	4.19%	0.385%
7	12.128	1548	1554	1562	rBV	599711	968532	2.50%	0.229%
8	12.351	1582	1592	1603	rVB	528963	870817	2.24%	0.206%
9	13.151	1722	1728	1736	rBV	227783	357597	0.92%	0.085%
10	13.640	1800	1811	1816	rBV	469267	843673	2.17%	0.200%
11	13.693	1816	1820	1824	rVV	274563	427828	1.10%	0.101%
12	13.734	1824	1827	1832	rVB	331781	457078	1.18%	0.108%
13	13.881	1842	1852	1855	rBV2	225623	404846	1.04%	0.096%
14	14.016	1869	1875	1877	rBV2	426184	654723	1.69%	0.155%
15	14.045	1877	1880	1894	rVB	383271	586301	1.51%	0.139%
16	14.322	1917	1927	1933	rVV	3707556	5642448	14.54%	1.336%
17	14.387	1933	1938	1946	rVV	2016255	3061452	7.89%	0.725%
18	14.457	1946	1950	1957	rVB	215469	314778	0.81%	0.075%
19	14.534	1957	1963	1971	rBV5	165688	352684	0.91%	0.083%
20	14.722	1985	1995	2003	rVV	2047014	3133233	8.07%	0.742%
21	14.940	2025	2032	2037	rBV2	195461	357617	0.92%	0.085%
22	14.992	2037	2041	2054	rVB2	179561	309085	0.80%	0.073%
23	15.116	2054	2062	2065	rBV2	150569	313848	0.81%	0.074%
24	15.316	2089	2096	2100	rVV2	541114	814985	2.10%	0.193%
25	15.375	2100	2106	2111	rVV	2080968	3044520	7.85%	0.721%
26	15.498	2124	2127	2130	rVV	258135	357254	0.92%	0.085%
27	15.534	2130	2133	2138	rVV	302907	444736	1.15%	0.105%
28	15.669	2151	2156	2163	rVB	907136	1270295	3.27%	0.301%
29	15.816	2176	2181	2189	rVB	967294	1861287	4.80%	0.441%
30	15.904	2189	2196	2202	rVB3	220299	417872	1.08%	0.099%
31	16.051	2213	2221	2234	rVB3	327844	701170	1.81%	0.166%
32	16.351	2265	2272	2273	rBV2	302309	466273	1.20%	0.110%
33	16.381	2274	2277	2281	rVV2	418337	629534	1.62%	0.149%
34	16.604	2307	2315	2319	rBV2	445381	811961	2.09%	0.192%
35	16.645	2319	2322	2325	rVV2	447768	636464	1.64%	0.151%
36	16.728	2331	2336	2343	rVB	2974651	4425246	11.40%	1.048%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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	16.804	2344	2349	2356	rBV	481714	1010235	2.60%	0.239%
38	16.886	2359	2363	2372	rVB	1732037	2717163	7.00%	0.643%
39	17.075	2389	2395	2398	rBV	3263126	5455766	14.06%	1.292%
40	17.122	2398	2403	2408	rVV	20933639	34773451	89.61%	8.232%
41	17.175	2408	2412	2413	rVV2	978943	1209378	3.12%	0.286%
42	17.204	2413	2417	2423	rVV	6044953	8865684	22.85%	2.099%
43	17.263	2423	2427	2433	rVV2	639642	987479	2.54%	0.234%
44	17.386	2444	2448	2453	rVB2	231342	351046	0.90%	0.083%
45	17.481	2454	2464	2476	rBV2	3790564	6956360	17.93%	1.647%
46	17.592	2479	2483	2488	rVV2	527695	776695	2.00%	0.184%
47	17.651	2488	2493	2500	rVB5	666102	1220673	3.15%	0.289%
48	17.792	2514	2517	2521	rVB	234586	341871	0.88%	0.081%
49	17.869	2526	2530	2534	rVB2	321297	408895	1.05%	0.097%
50	17.945	2538	2543	2547	rBV	2880016	4029248	10.38%	0.954%
51	17.992	2547	2551	2557	rVB	4255238	6176472	15.92%	1.462%
52	18.075	2560	2565	2570	rVB	1330173	1842665	4.75%	0.436%
53	18.145	2570	2577	2580	rBV2	3655919	6675576	17.20%	1.580%
54	18.181	2580	2583	2589	rVB	1756249	2364056	6.09%	0.560%
55	18.257	2591	2596	2599	rBV3	377540	586339	1.51%	0.139%
56	18.298	2599	2603	2607	rVB2	469512	587823	1.51%	0.139%
57	18.392	2615	2619	2624	rBV5	246374	401663	1.04%	0.095%
58	18.451	2624	2629	2633	rBV	2435438	3302031	8.51%	0.782%
59	18.498	2633	2637	2642	rVB	2777385	3823385	9.85%	0.905%
60	18.698	2667	2671	2675	rVB3	579027	736946	1.90%	0.174%
61	18.745	2675	2679	2683	rBV	594942	770698	1.99%	0.182%
62	18.786	2683	2686	2690	rVB	619013	739588	1.91%	0.175%
63	18.875	2695	2701	2707	rBV2	1271457	3302197	8.51%	0.782%
64	19.016	2720	2725	2732	rVB2	2752689	4311122	11.11%	1.021%
65	19.145	2739	2747	2752	rBV	21956213	38805776	100.00%	9.186%
66	19.204	2753	2757	2759	rBV	484671	654953	1.69%	0.155%
67	19.233	2759	2762	2767	rVB	817366	1059356	2.73%	0.251%
68	19.339	2775	2780	2783	rBV2	611061	1171535	3.02%	0.277%
69	19.380	2783	2787	2791	rVB	917402	1349081	3.48%	0.319%
70	19.475	2797	2803	2804	rBV	6115599	8218857	21.18%	1.946%
71	19.510	2804	2809	2815	rVB	17998416	30604181	78.87%	7.245%
72	19.569	2815	2819	2826	rBV2	1584579	2407972	6.21%	0.570%
73	19.680	2834	2838	2844	rVB	2051688	2613997	6.74%	0.619%
74	19.739	2844	2848	2856	rVB	2041755	3207113	8.26%	0.759%
75	19.822	2856	2862	2863	rBV2	1865150	2848986	7.34%	0.674%
76	19.957	2880	2885	2888	rBV5	1479162	2993561	7.71%	0.709%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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	19.992	2889	2891	2896	rVB	1840710	2383747	6.14%	0.564%
78	20.098	2905	2909	2912	rBV	682885	905233	2.33%	0.214%
79	20.151	2912	2918	2923	rBV2	2507224	4717885	12.16%	1.117%
80	20.192	2923	2925	2929	rVB	716832	689096	1.78%	0.163%
81	20.233	2929	2932	2937	rBV3	684500	1049114	2.70%	0.248%
82	20.292	2939	2942	2945	rBV	1004210	1246965	3.21%	0.295%
83	20.339	2946	2950	2954	rBV3	1228633	1881802	4.85%	0.445%
84	20.745	3016	3019	3026	rVB	5781219	8011083	20.64%	1.896%
85	20.916	3042	3048	3052	rBV2	3475027	7081523	18.25%	1.676%
86	20.957	3052	3055	3058	rVV	2597372	3500617	9.02%	0.829%
87	21.004	3058	3063	3068	rVV2	2618648	6156043	15.86%	1.457%
88	21.063	3068	3073	3078	rVB	4699539	7767771	20.02%	1.839%
89	21.298	3107	3113	3119	rBV3	11941678	24389938	62.85%	5.774%
90	21.357	3119	3123	3131	rVB	11544546	19107939	49.24%	4.523%
91	21.686	3174	3179	3185	rBV3	1104926	2486222	6.41%	0.589%
92	21.980	3226	3229	3236	rVB	2294771	3750739	9.67%	0.888%
93	22.051	3238	3241	3249	rVB2	1376594	2527961	6.51%	0.598%
94	22.233	3268	3272	3276	rBV	952690	1555528	4.01%	0.368%
95	22.974	3394	3398	3416	rVB4	1347716	4607149	11.87%	1.091%
96	23.345	3451	3461	3466	rBV2	9681402	31042942	80.00%	7.349%
97	23.563	3493	3498	3504	rVB	1613433	2949645	7.60%	0.698%
98	23.986	3564	3570	3583	rVB2	2907629	8082260	20.83%	1.913%
99	24.121	3585	3593	3603	rBV	5783315	15958687	41.12%	3.778%
100	27.592	4171	4183	4204	rVB2	3123206	15041375	38.76%	3.561%

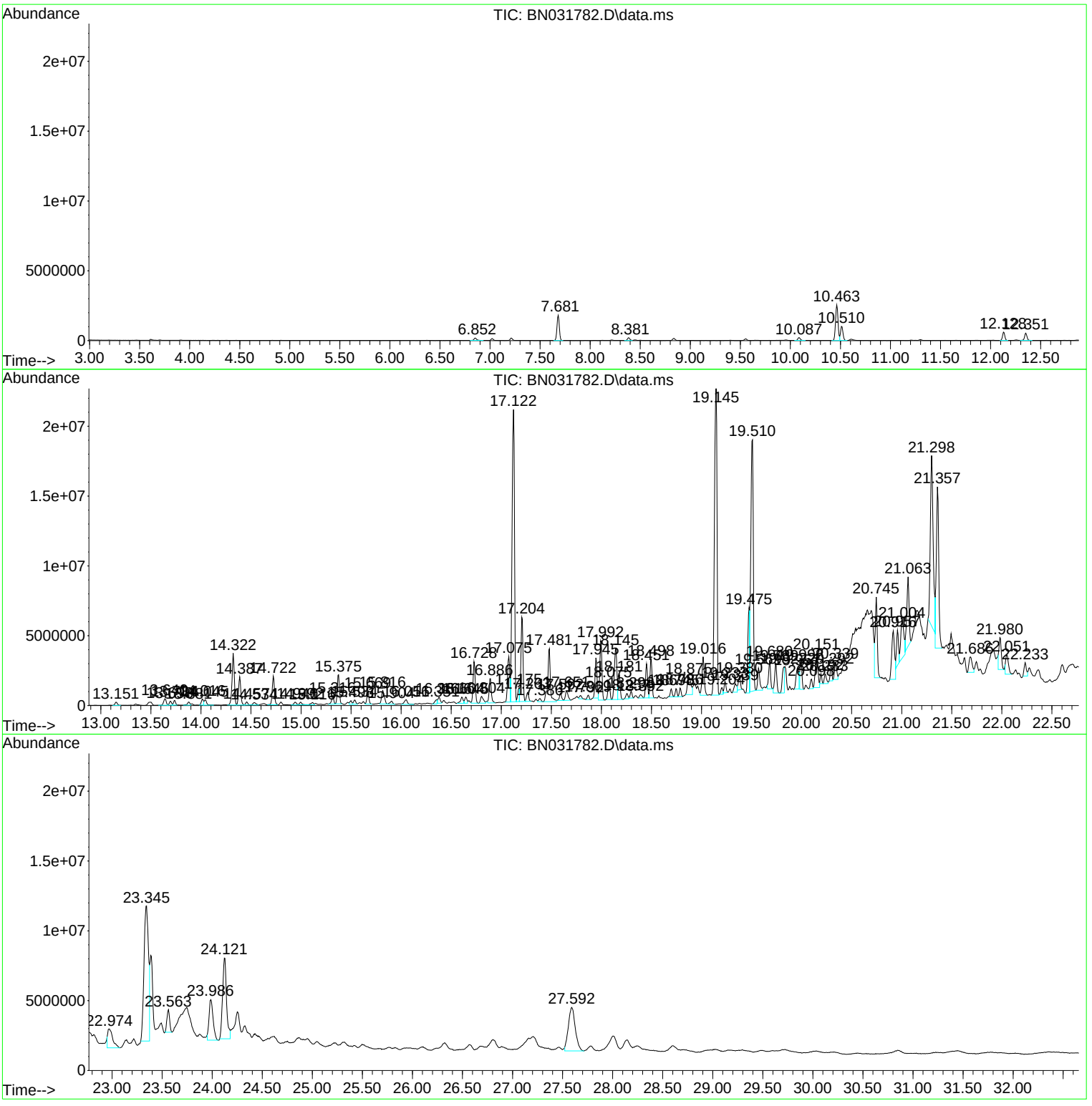
Sum of corrected areas: 422434237

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

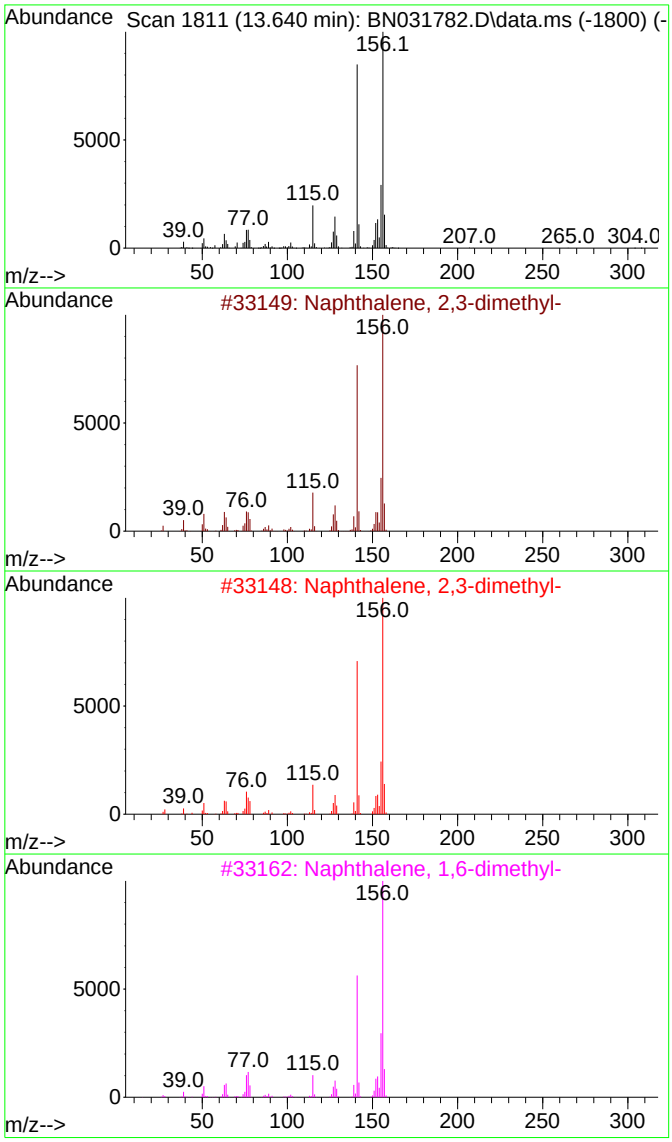
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

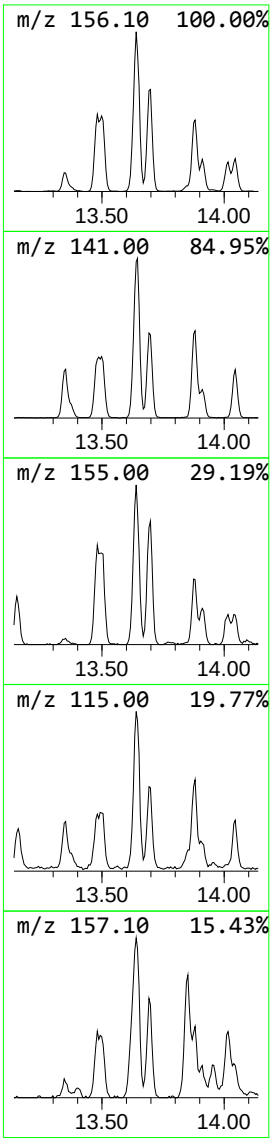
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	2.99 ng/ul	843673	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

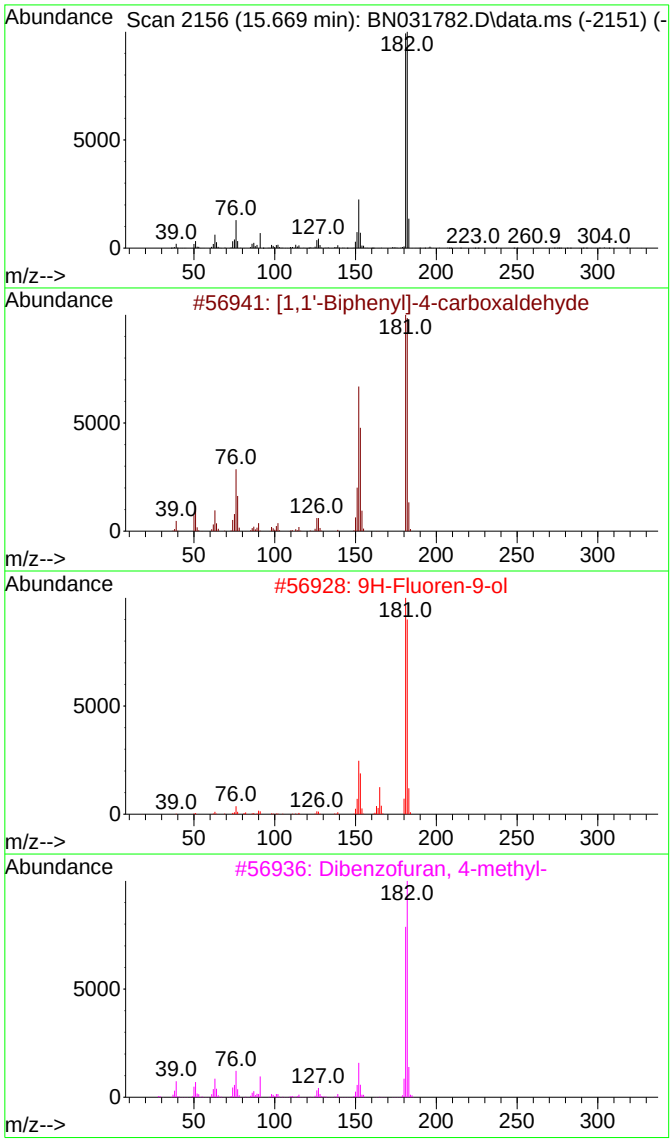
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

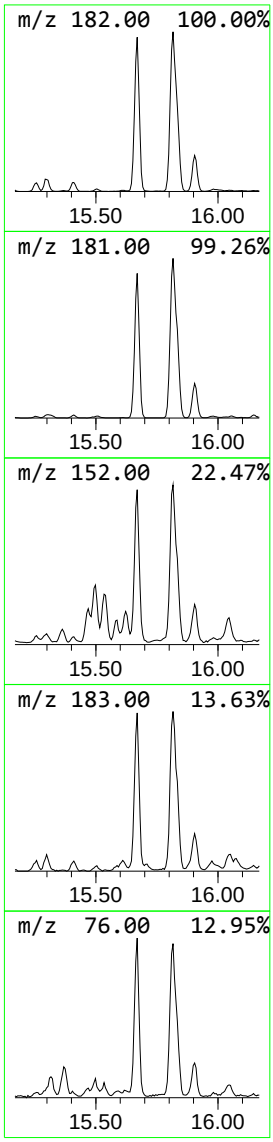
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	4.50 ng/ul	1270300	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

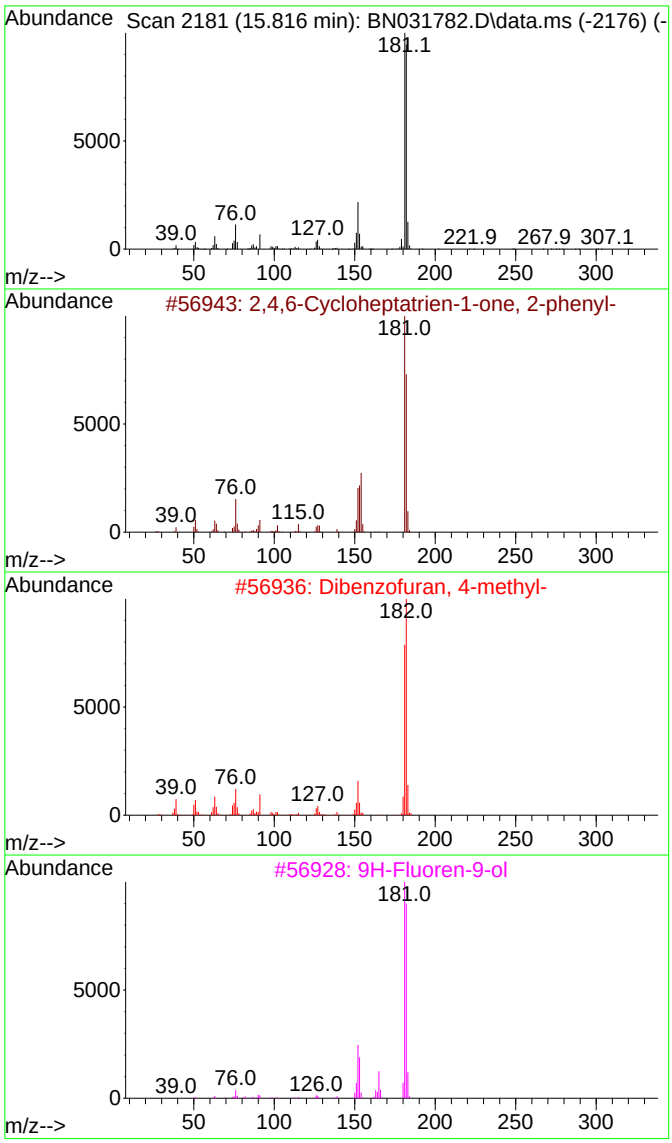
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

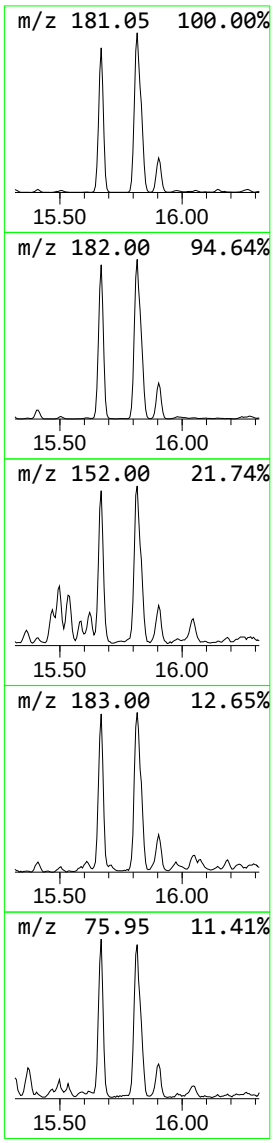
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	6.82 ng/ul	1861290	Phenanthrene-d10	17.075

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	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	9H-Xanthene	182	C13H10O	000092-83-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

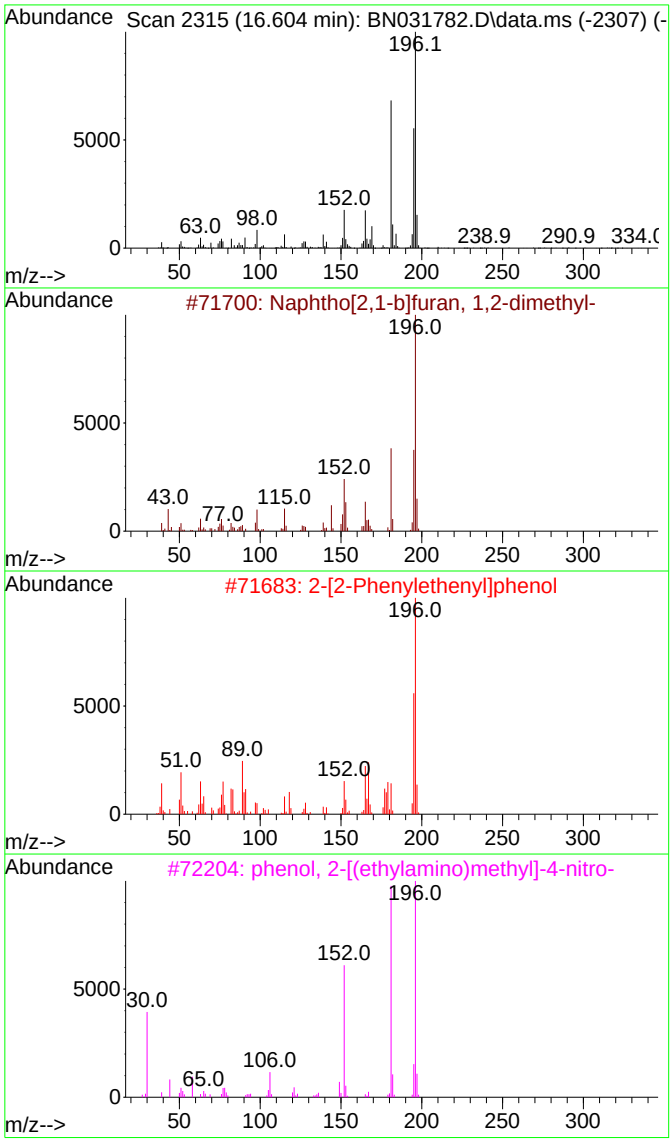
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

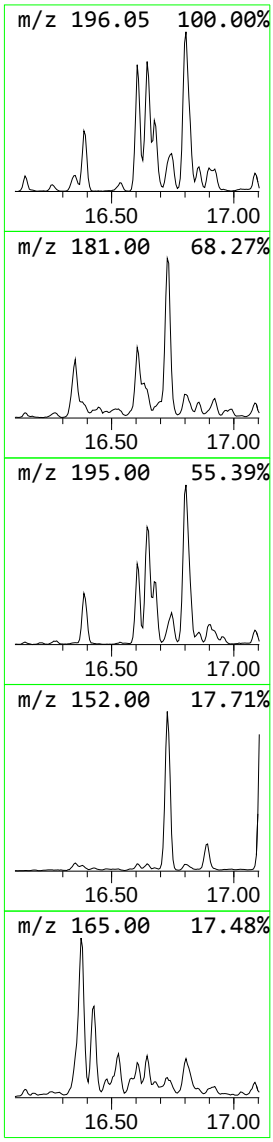
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	2.98 ng/ul	811961	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	83
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	52
4	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	52
5	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

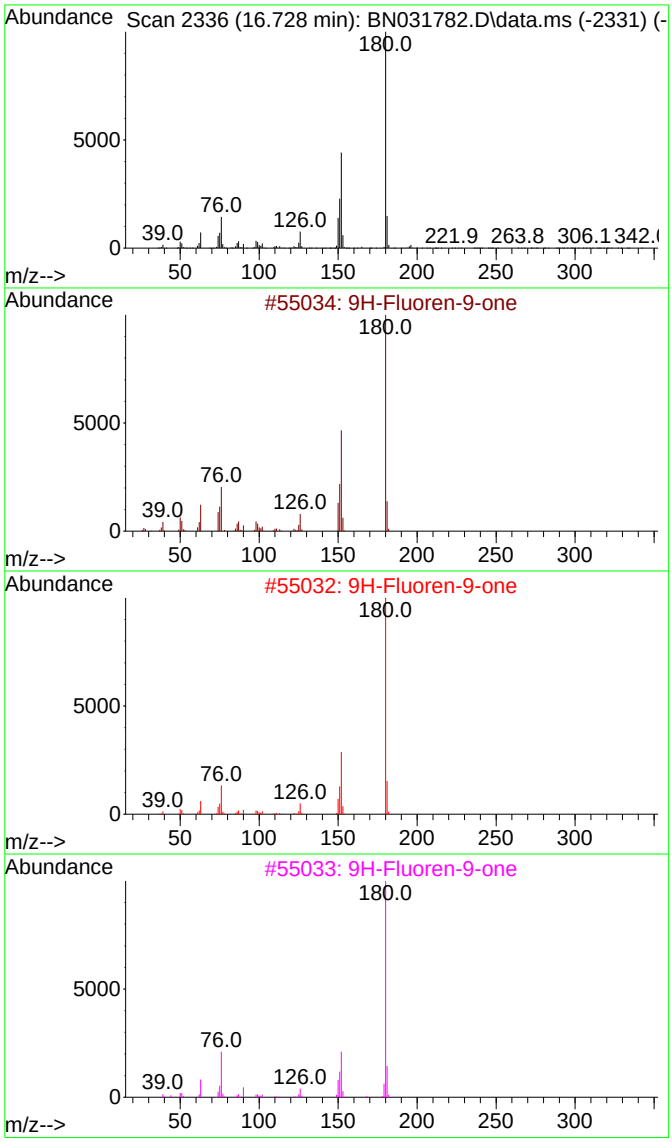
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

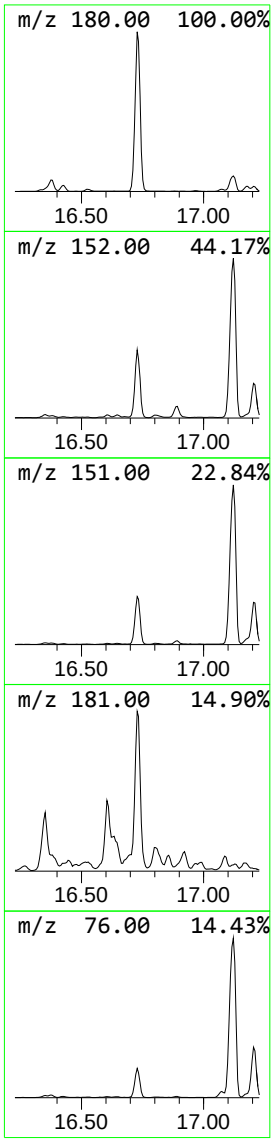
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	16.22 ng/ul	4425250	Phenanthrene-d10	17.075

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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

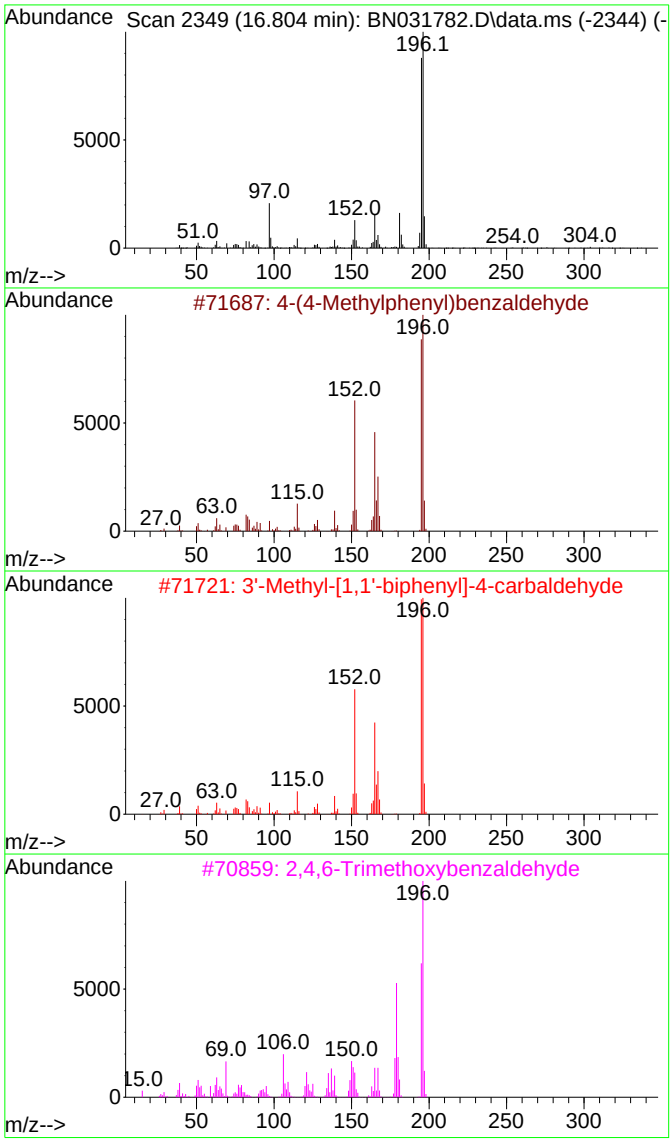
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

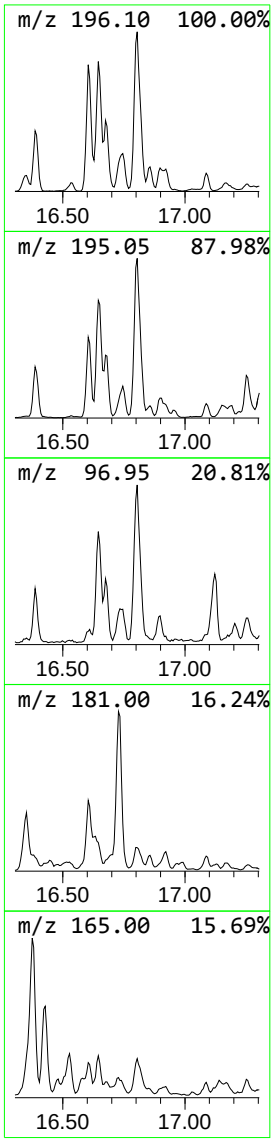
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	3.70 ng/ul	1010240	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4	4-Carbomethoxy-3-methoxy-4-methy...	196	C10H12O4	120696-19-7	78
5	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

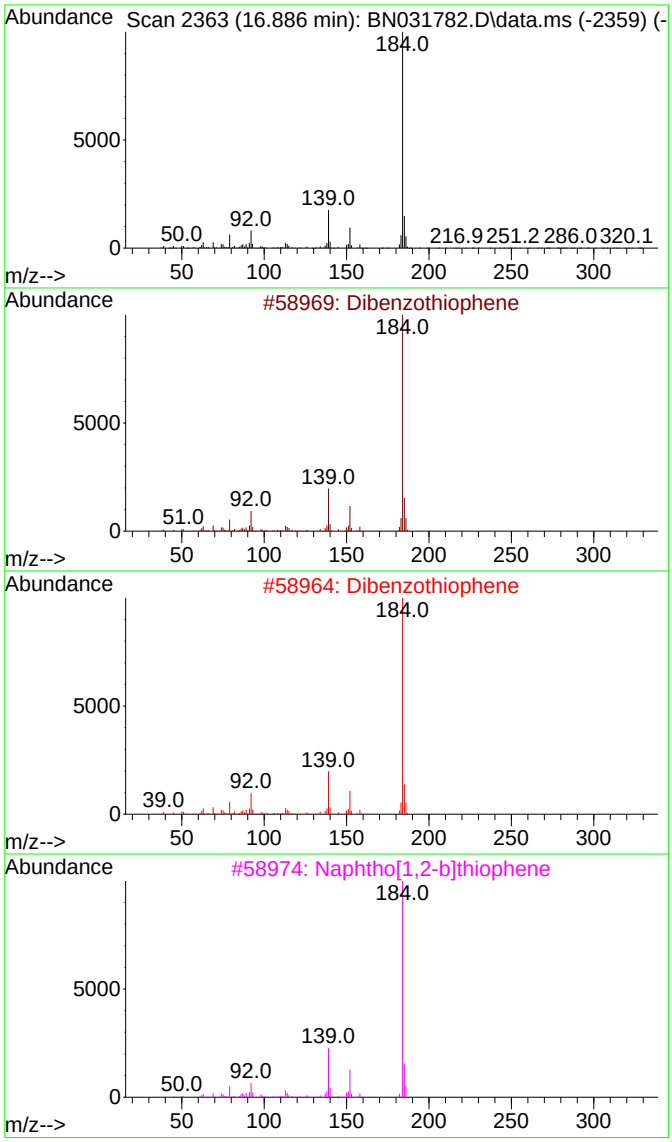
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

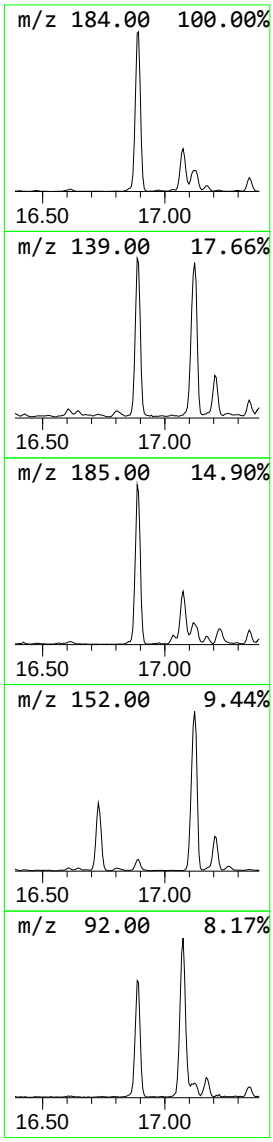
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	9.96 ng/ul	2717160	Phenanthrene-d10	17.075

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[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

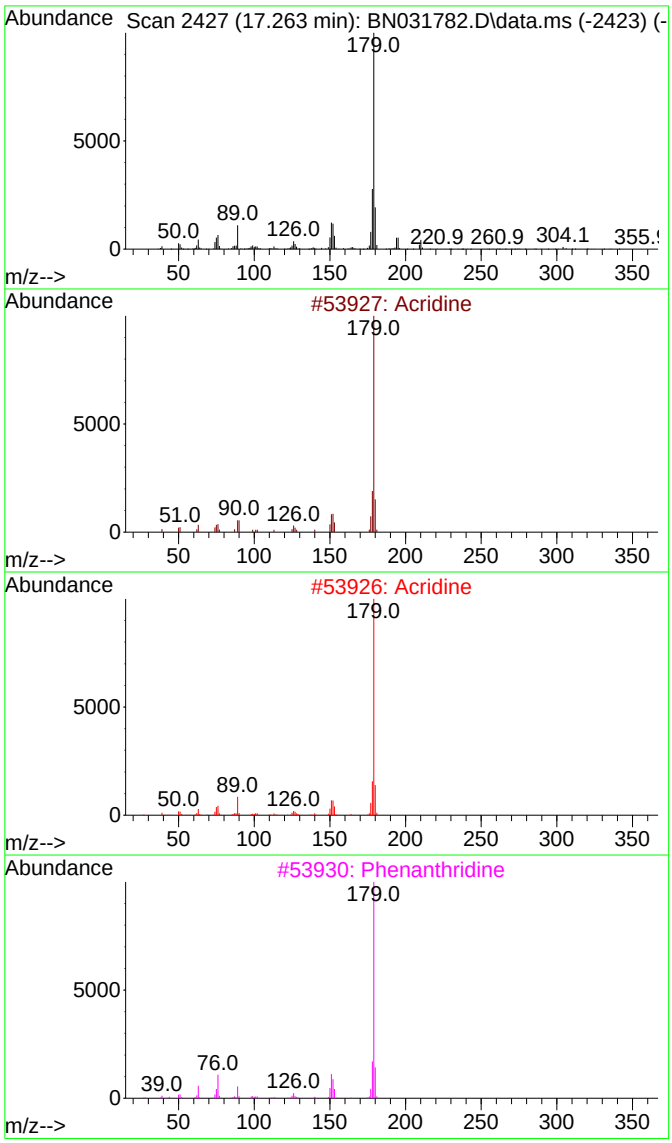
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

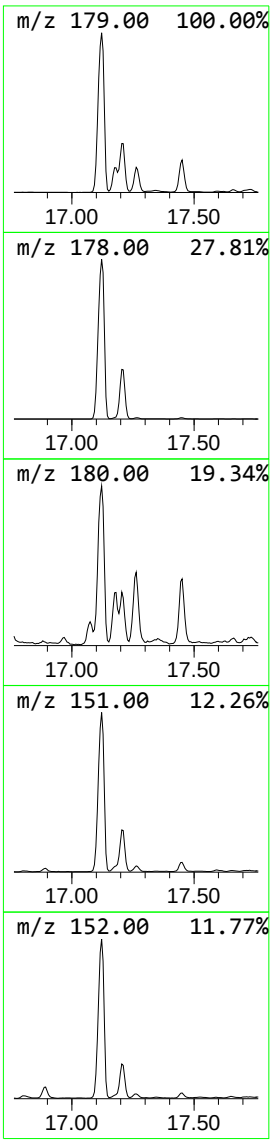
****

Peak Number 11 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.263	3.62 ng/ul	987479	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	94
3	Phenanthridine	179	C13H9N	000229-87-8	90
4	Phenanthridine	179	C13H9N	000229-87-8	89
5	Acridine	179	C13H9N	000260-94-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

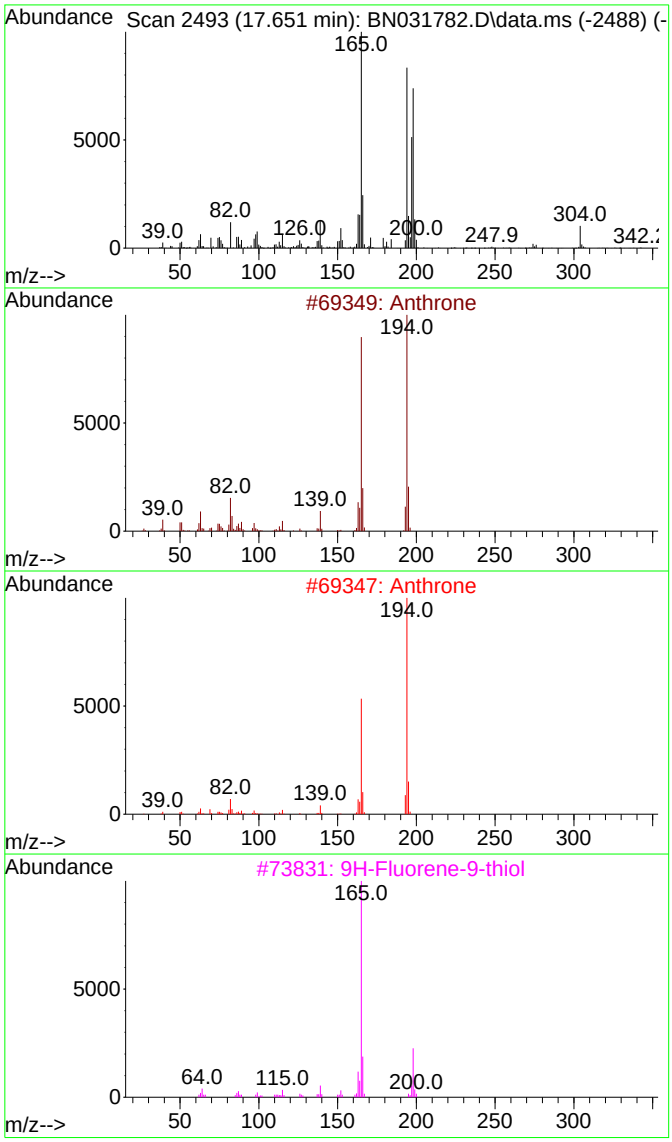
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

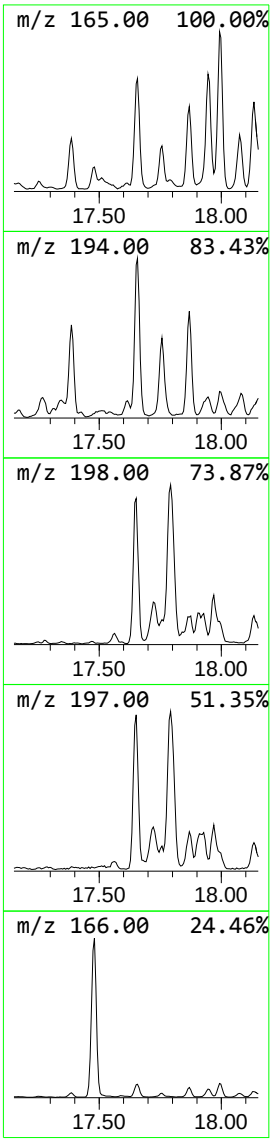
****

Peak Number 13 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	4.47 ng/ul	1220670	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	70
2	Anthrone	194	C14H10O	000090-44-8	70
3	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	60
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	59
5	Anthrone	194	C14H10O	000090-44-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

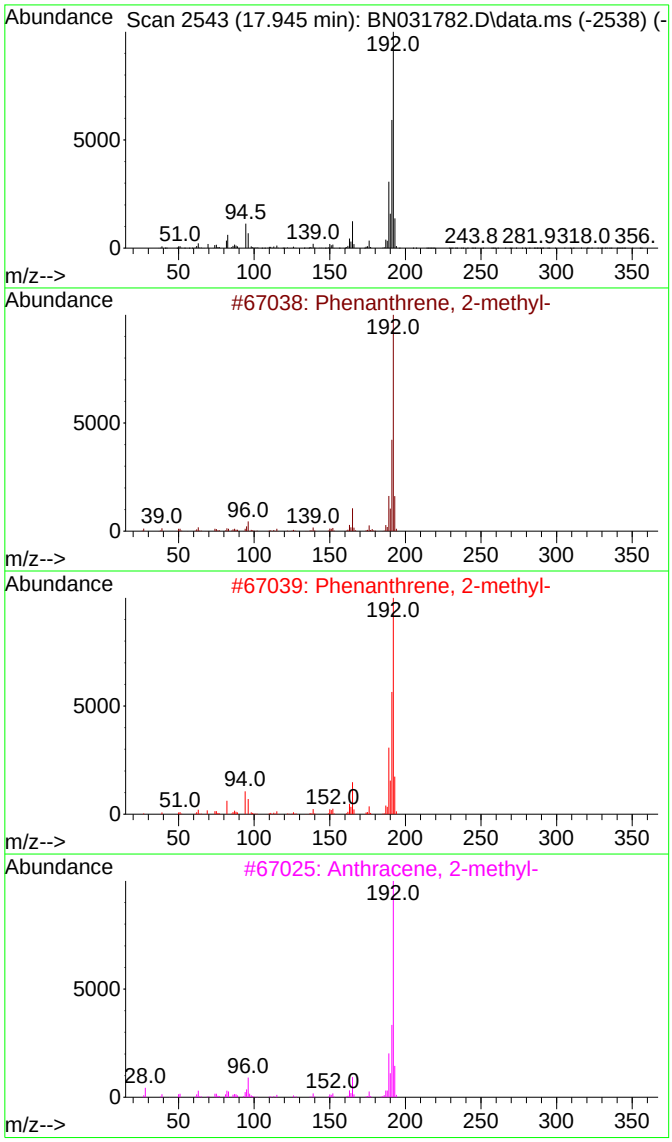
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

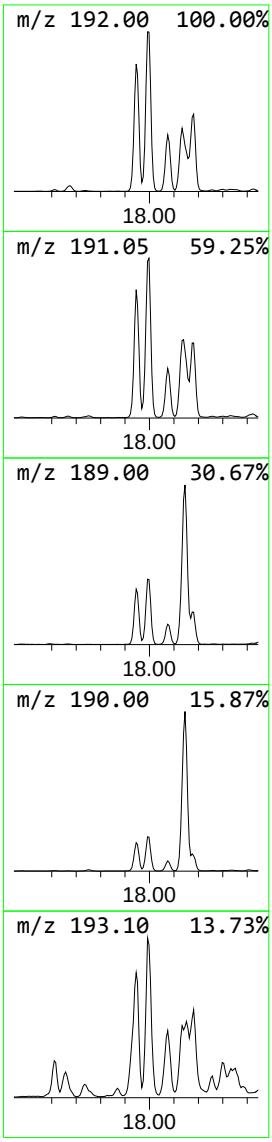
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	14.77 ng/ul	4029250	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

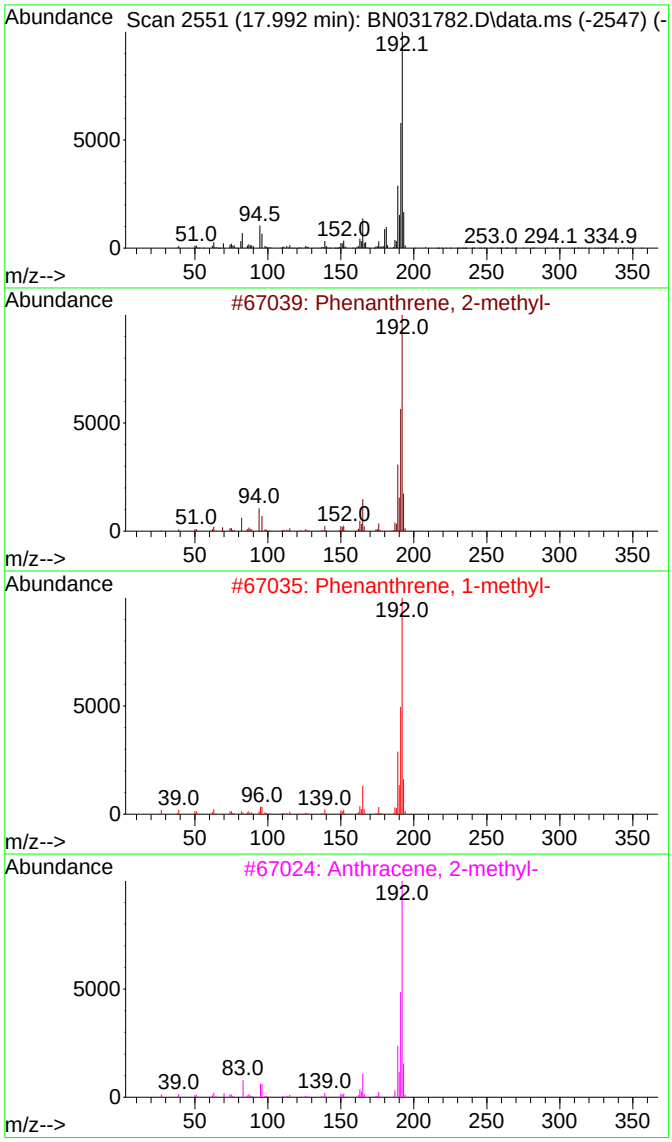
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

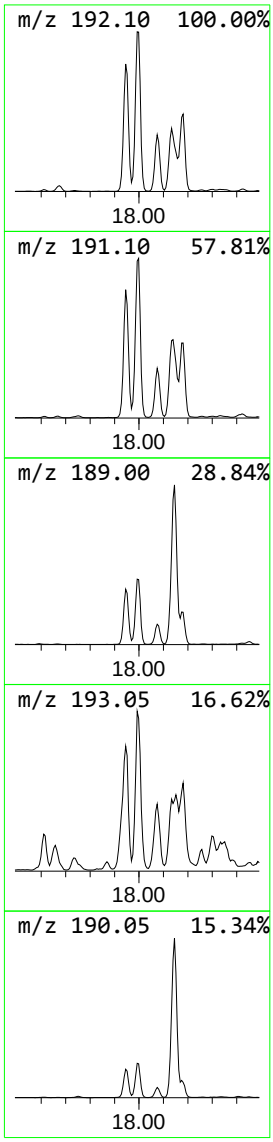
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	22.64 ng/ul	6176470	Phenanthrene-d10	17.075

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

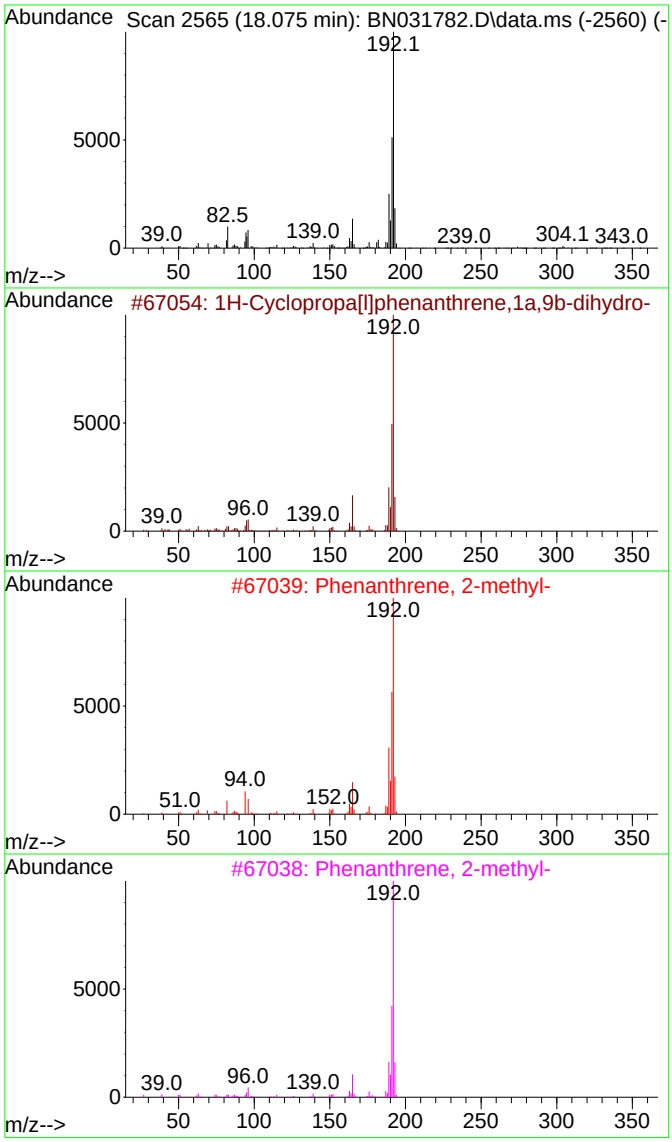
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

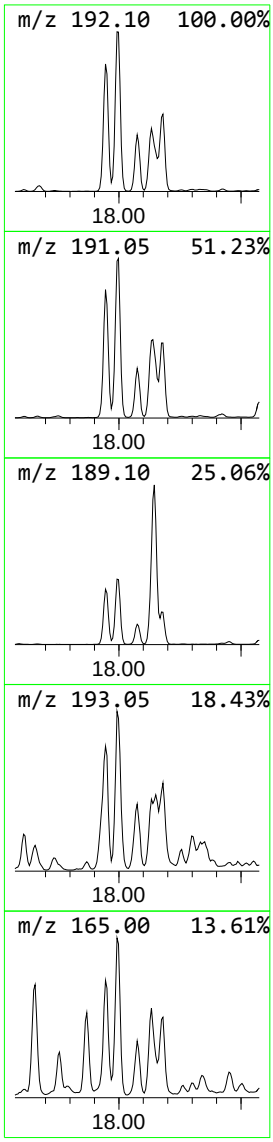
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	6.75 ng/ul	1842670	Phenanthrene-d10	17.075

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

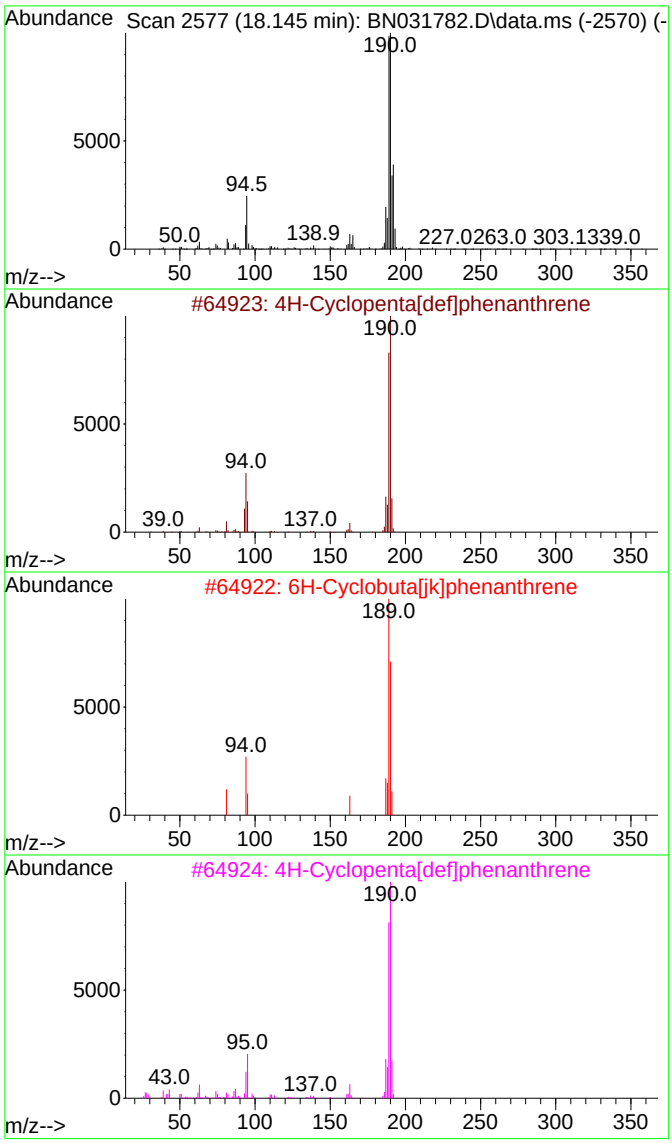
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

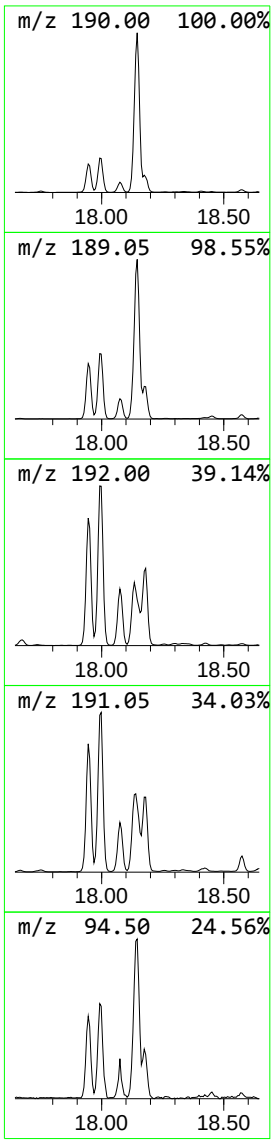
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	24.47 ng/ul	6675580	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

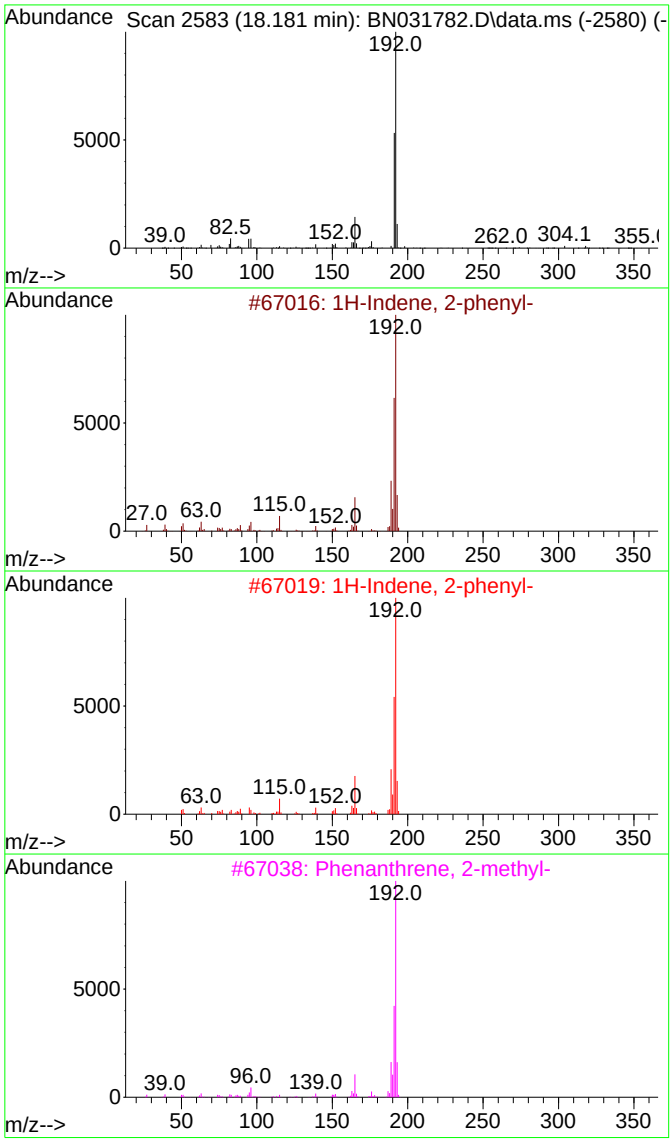
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

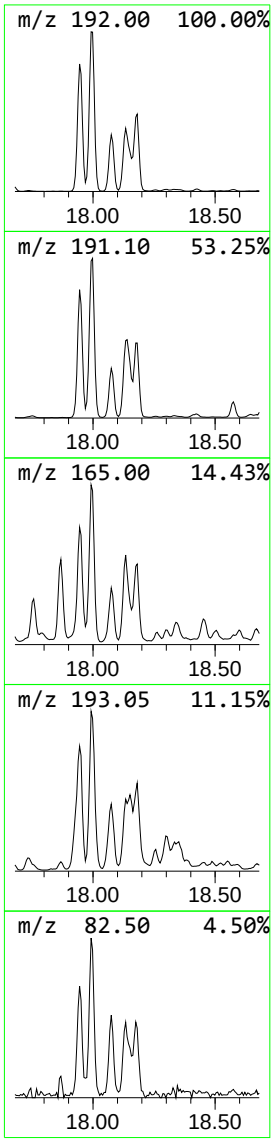
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	8.67 ng/ul	2364060	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

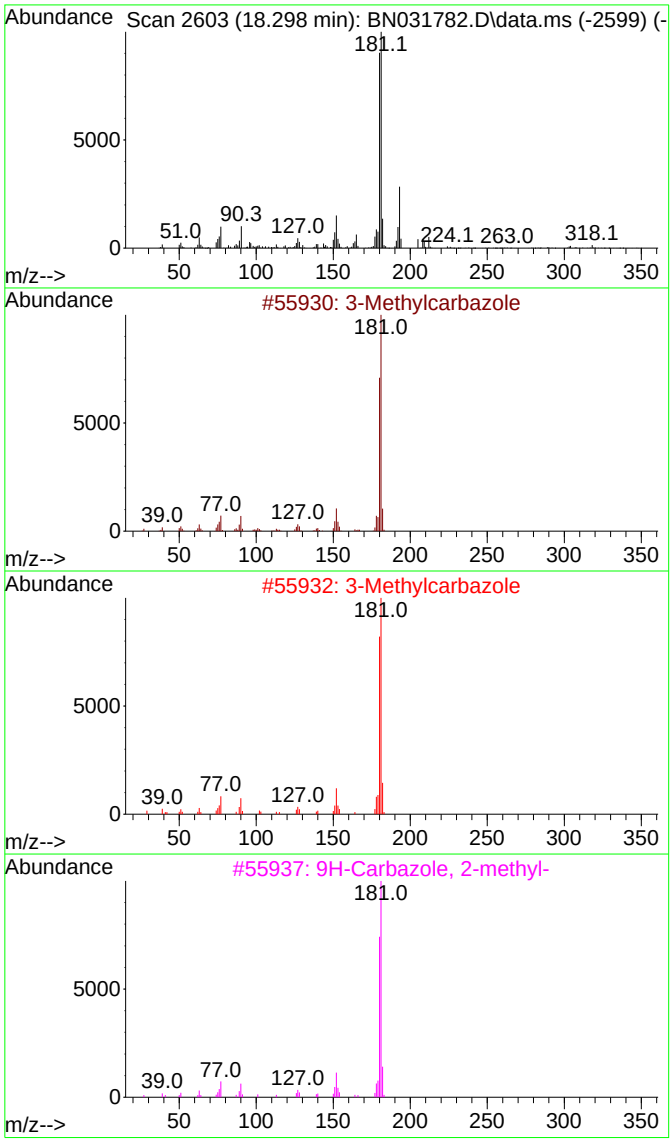
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

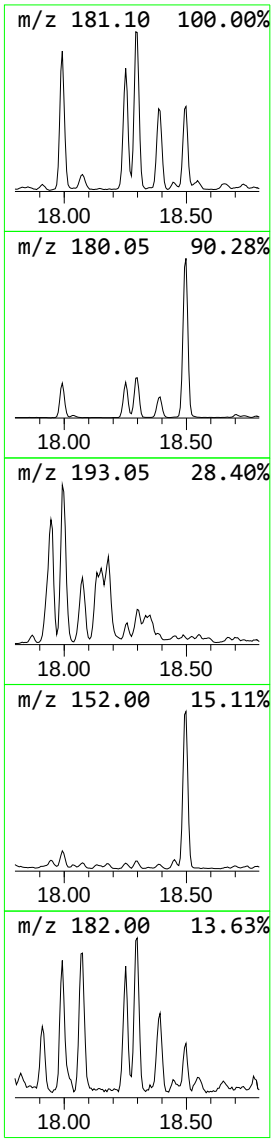
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Methylcarbazole Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.15 ng/ul	587823	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

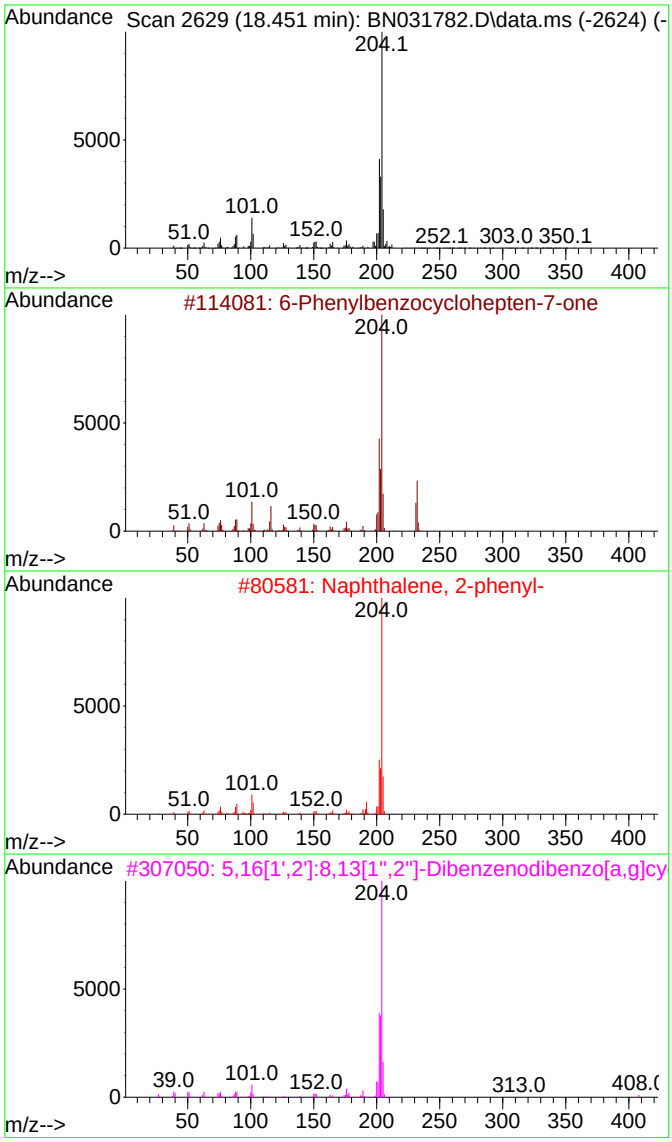
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

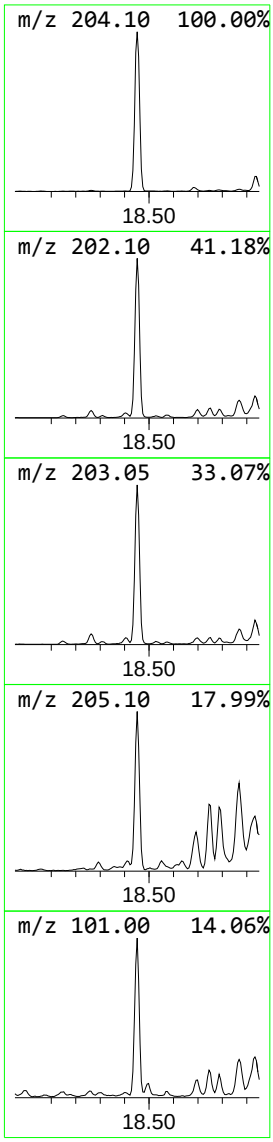
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	12.10 ng/ul	3302030	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

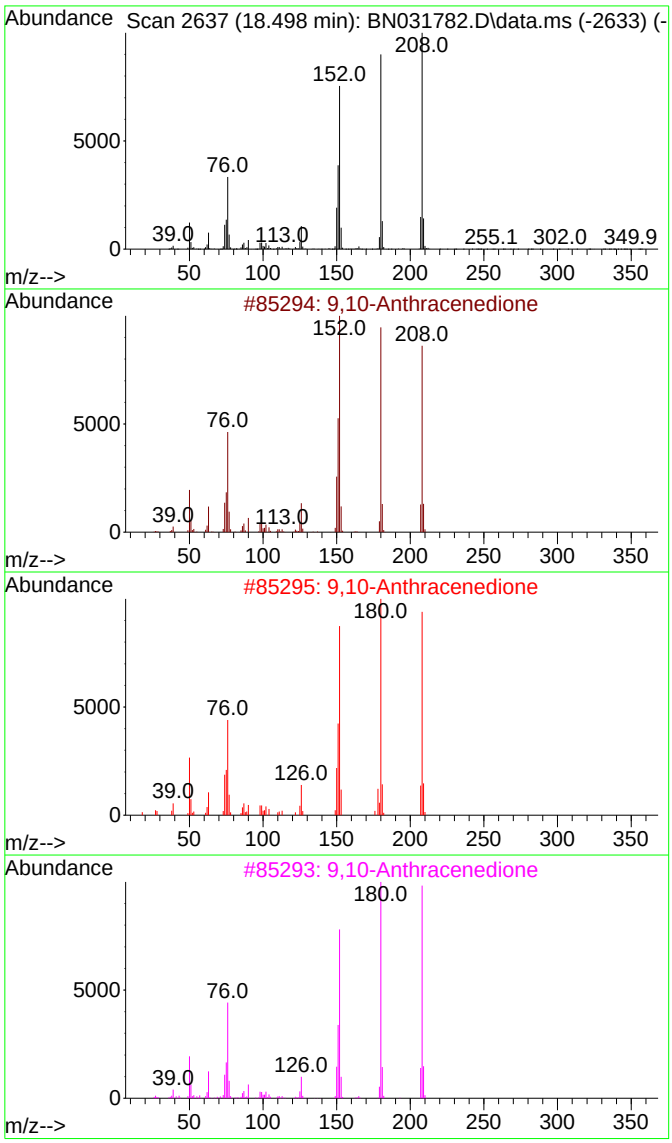
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

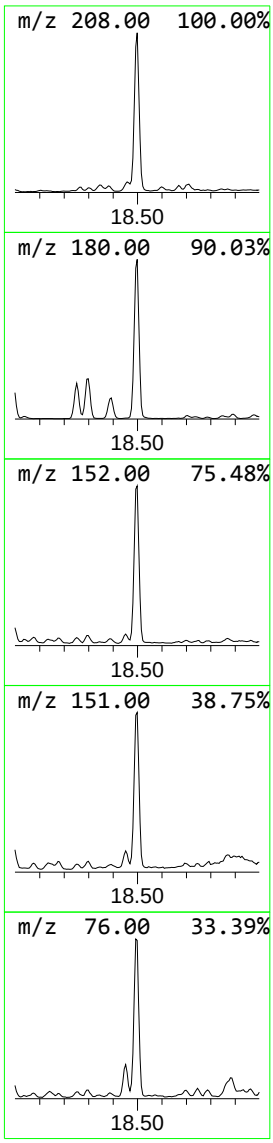
****

Peak Number 22 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	14.02 ng/ul	3823390	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

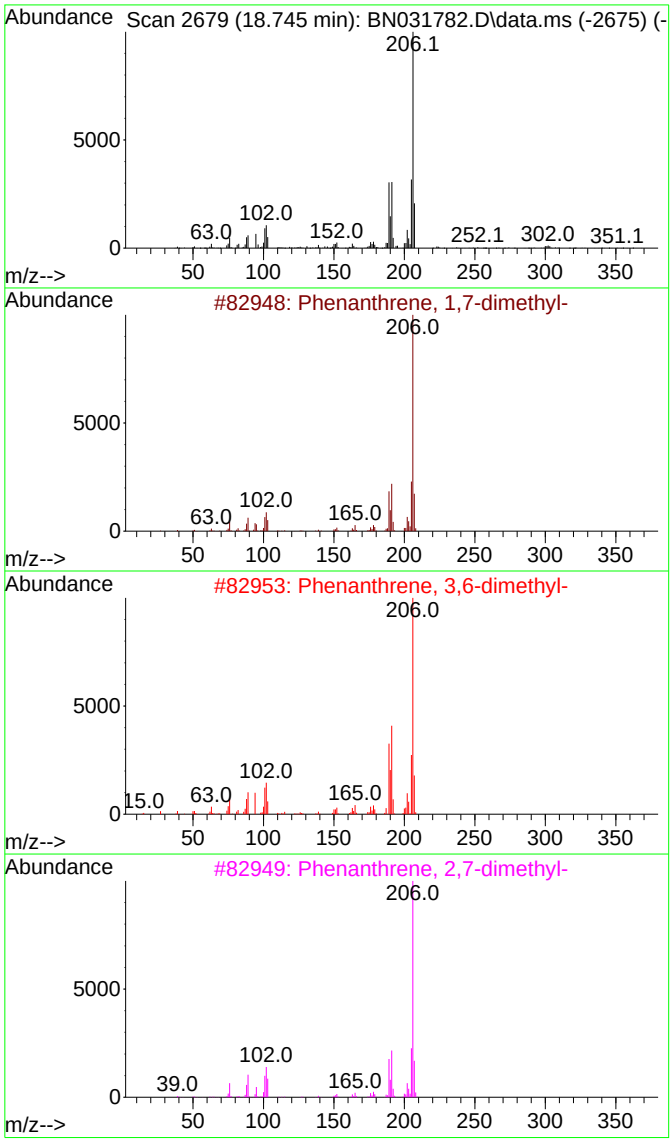
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

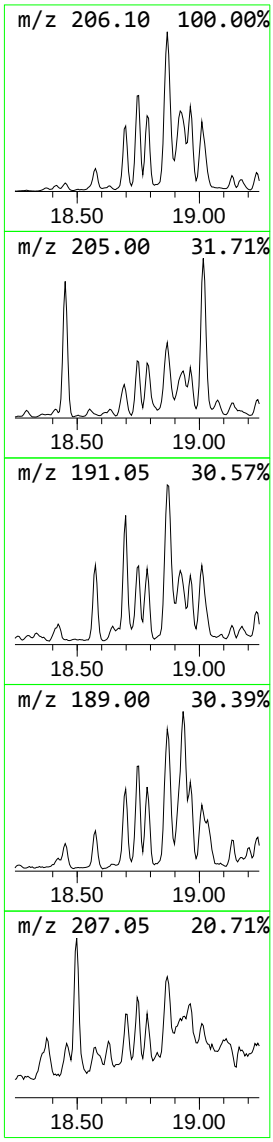
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 1,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	2.83 ng/ul	770698	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

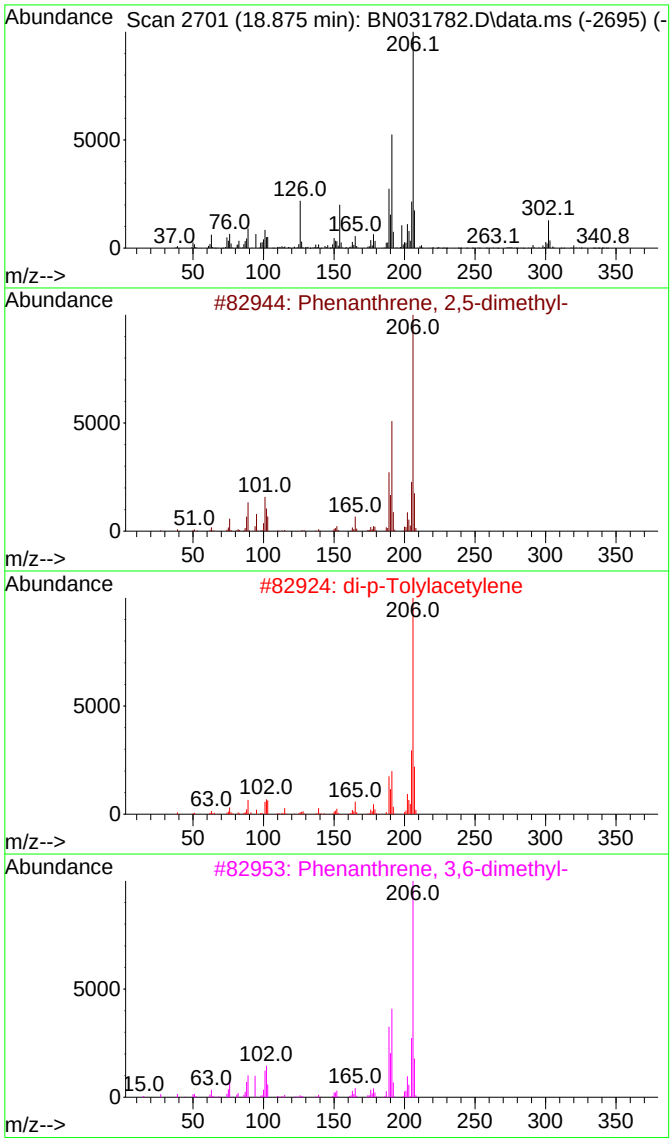
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

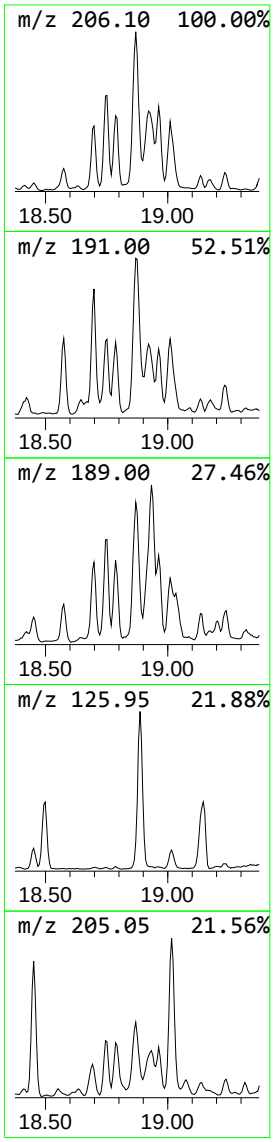
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	12.11 ng/ul	3302200	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

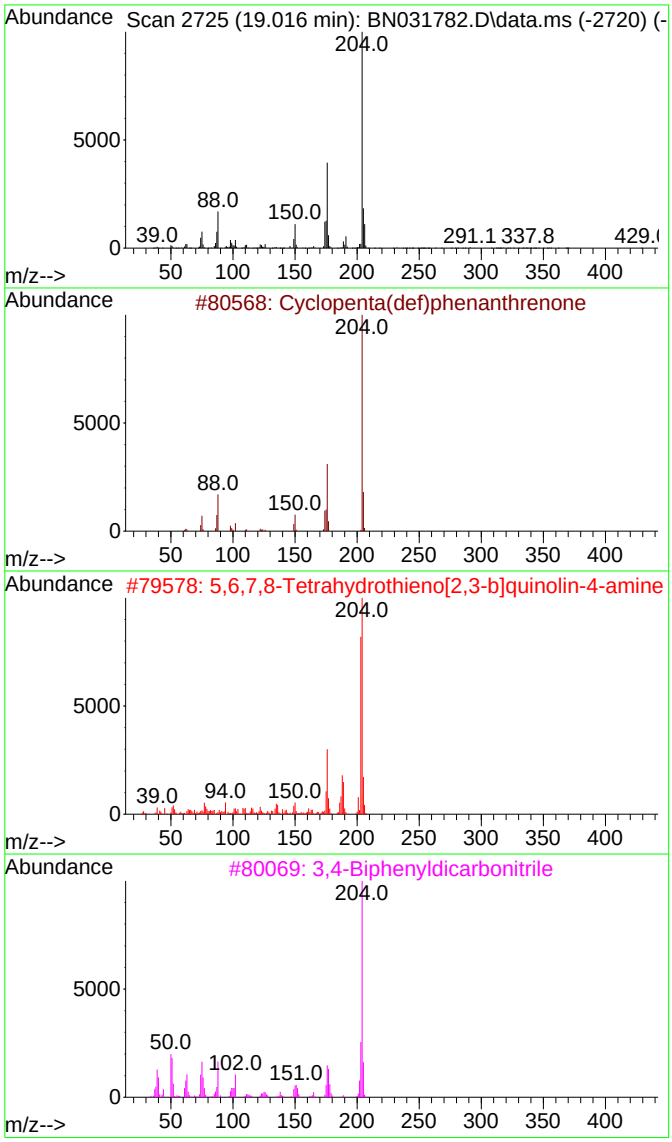
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

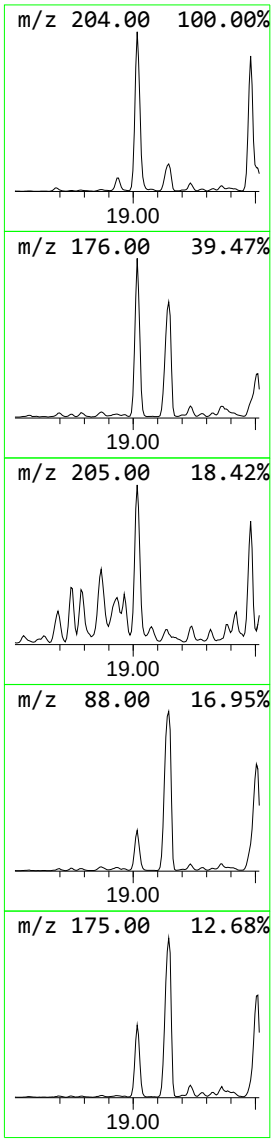
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	15.80 ng/ul	4311120	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	43
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

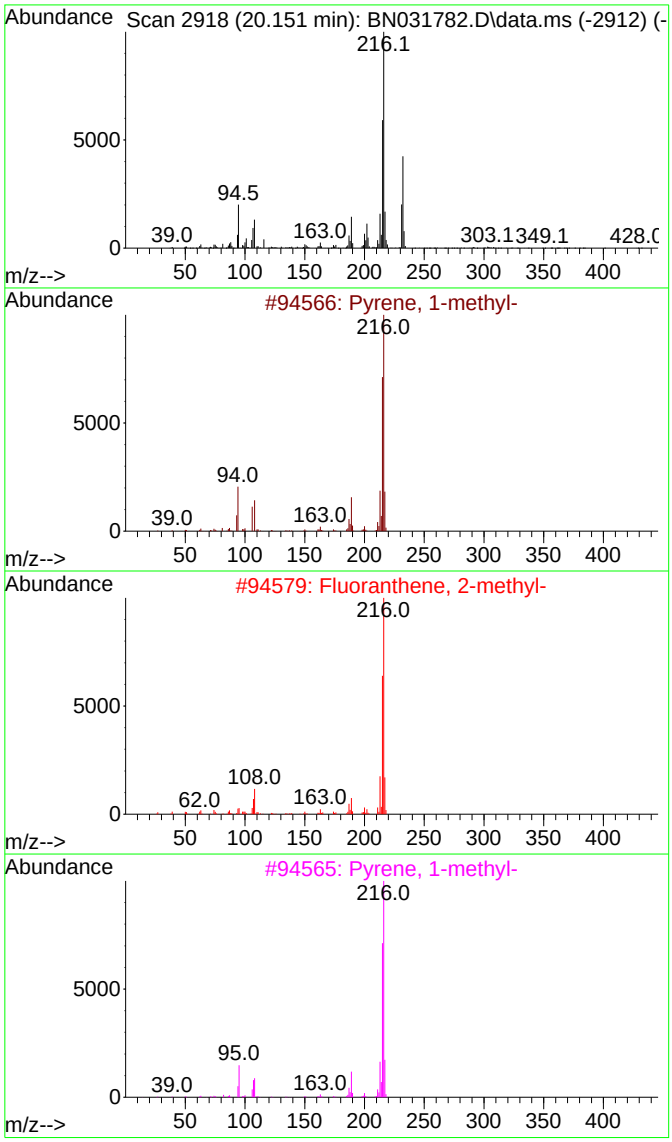
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

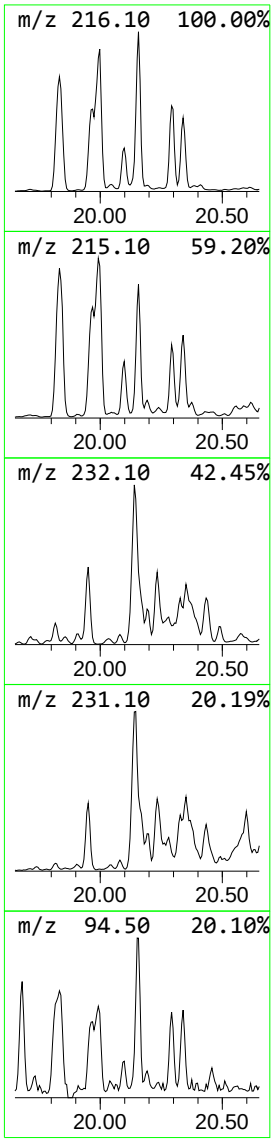
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	3.87 ng/ul	4717890	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

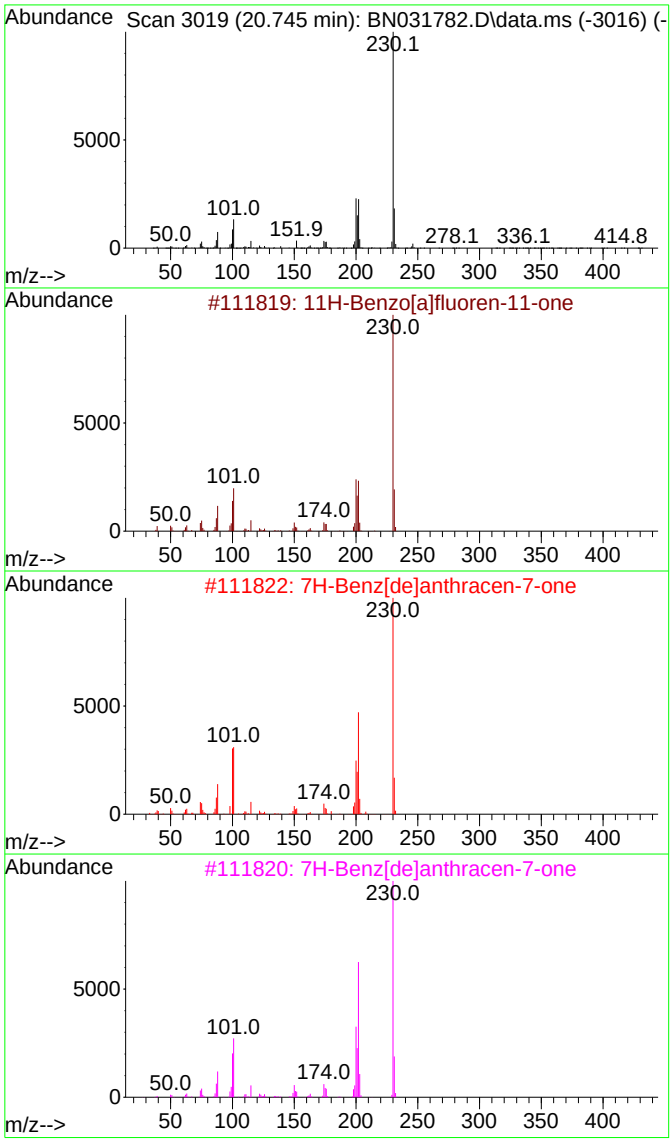
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

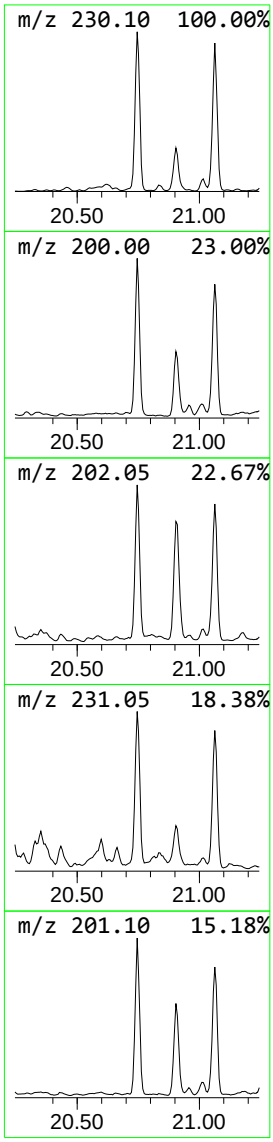
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	6.57 ng/ul	8011080	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

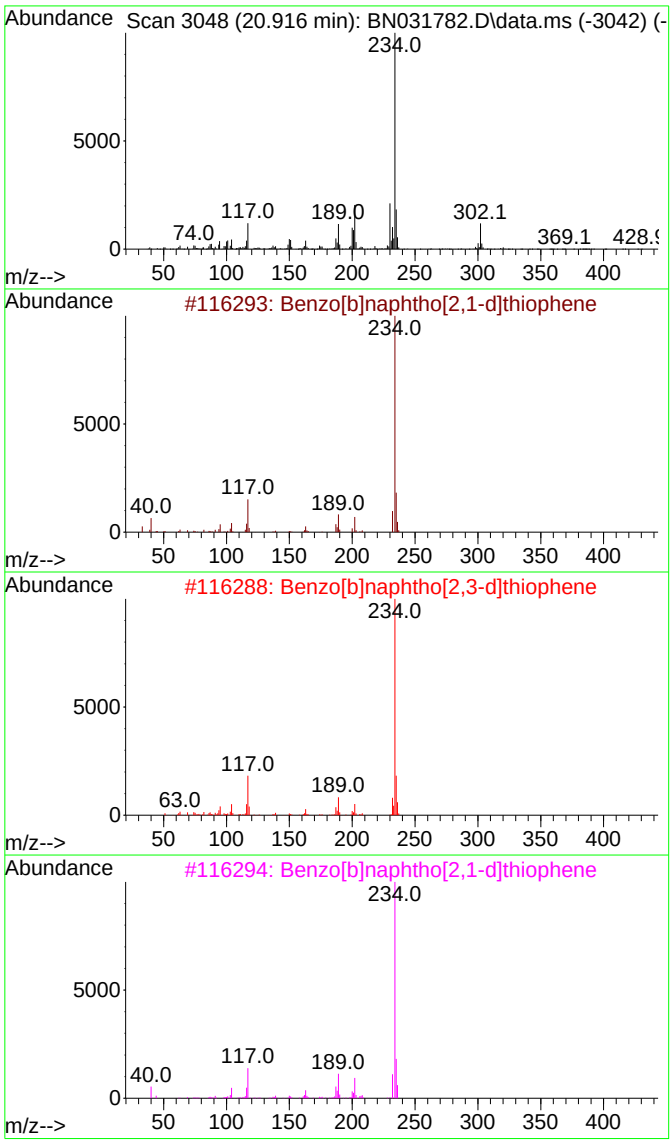
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

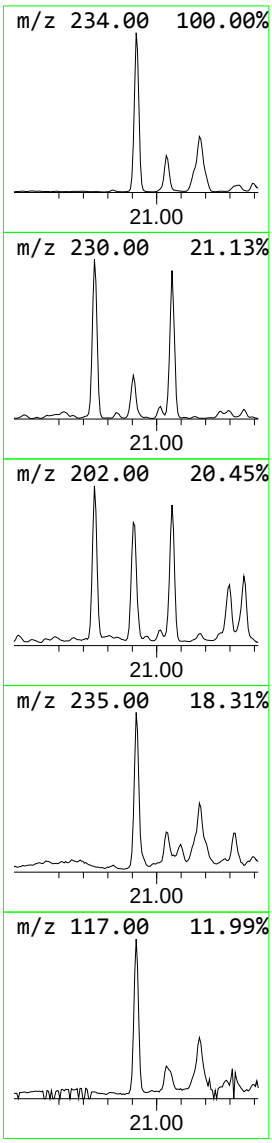
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.916	5.81 ng/ul	7081520	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

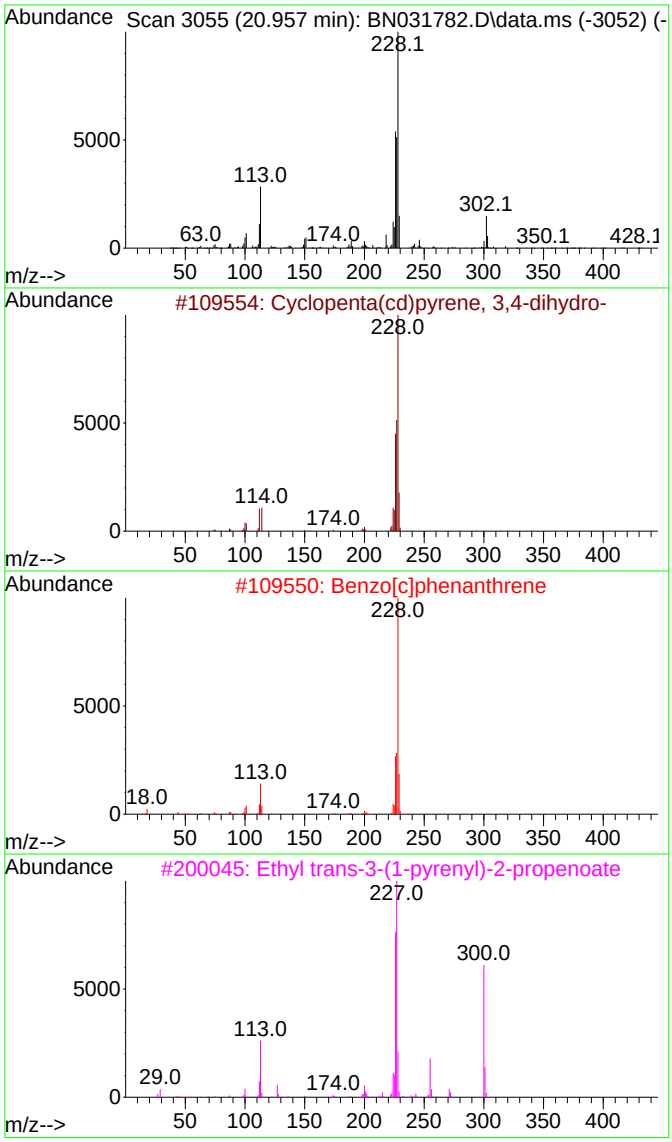
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

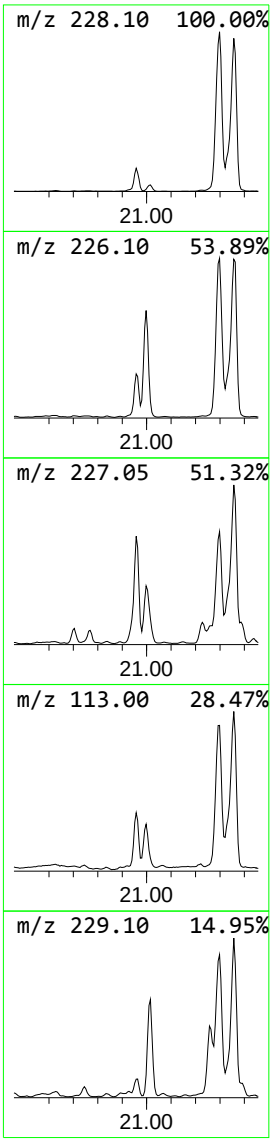
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	2.87 ng/ul	3500620	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Ethyl trans-3-(1-pyrenyl)-2-prop...	300	C21H16O2	1000326-14-5	55
4	Triphenylene	228	C18H12	000217-59-4	50
5	Triphenylene	228	C18H12	000217-59-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

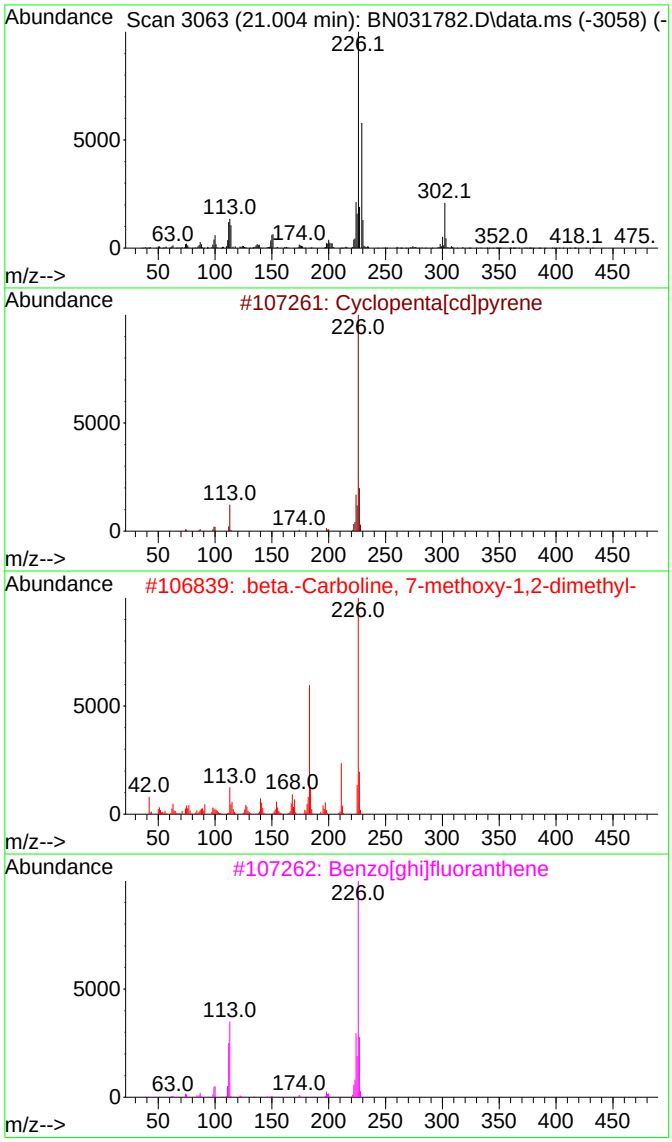
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

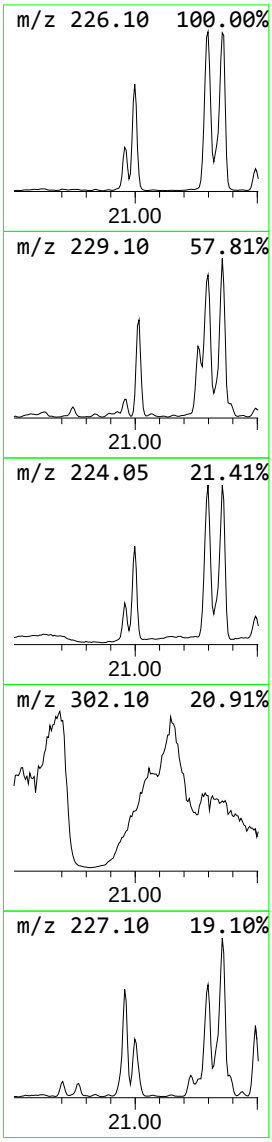
****

Peak Number 36 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	5.05 ng/ul	6156040	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	43
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

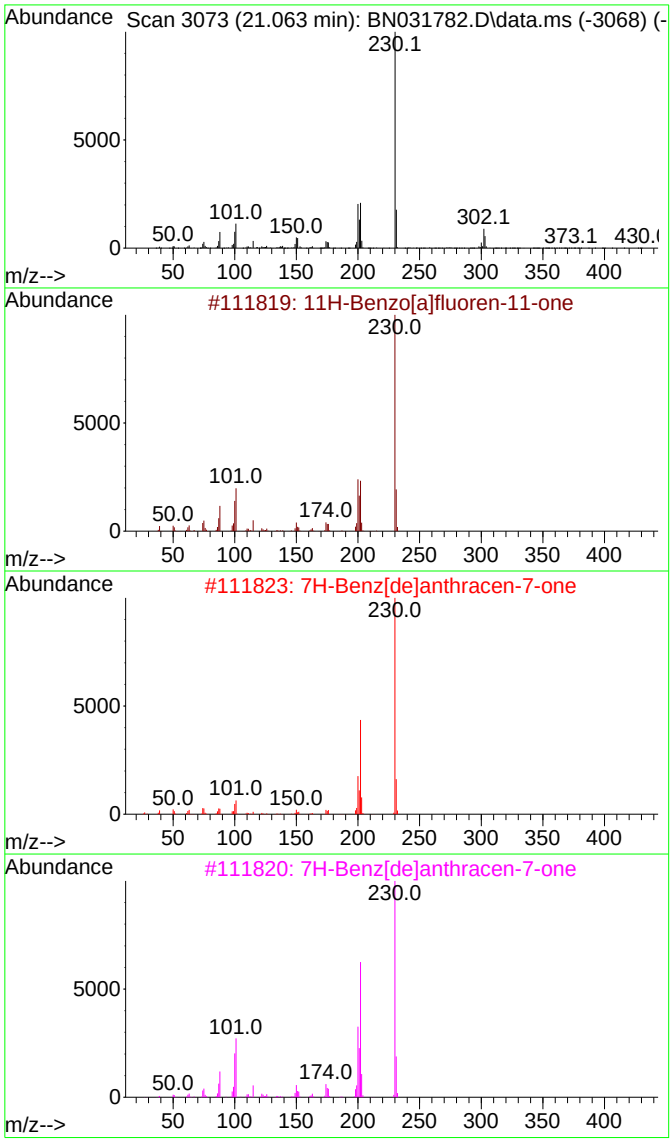
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

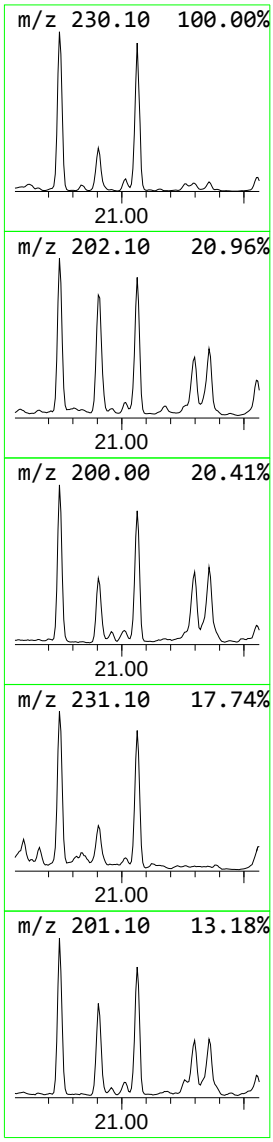
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	6.37 ng/ul	7767770	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
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	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

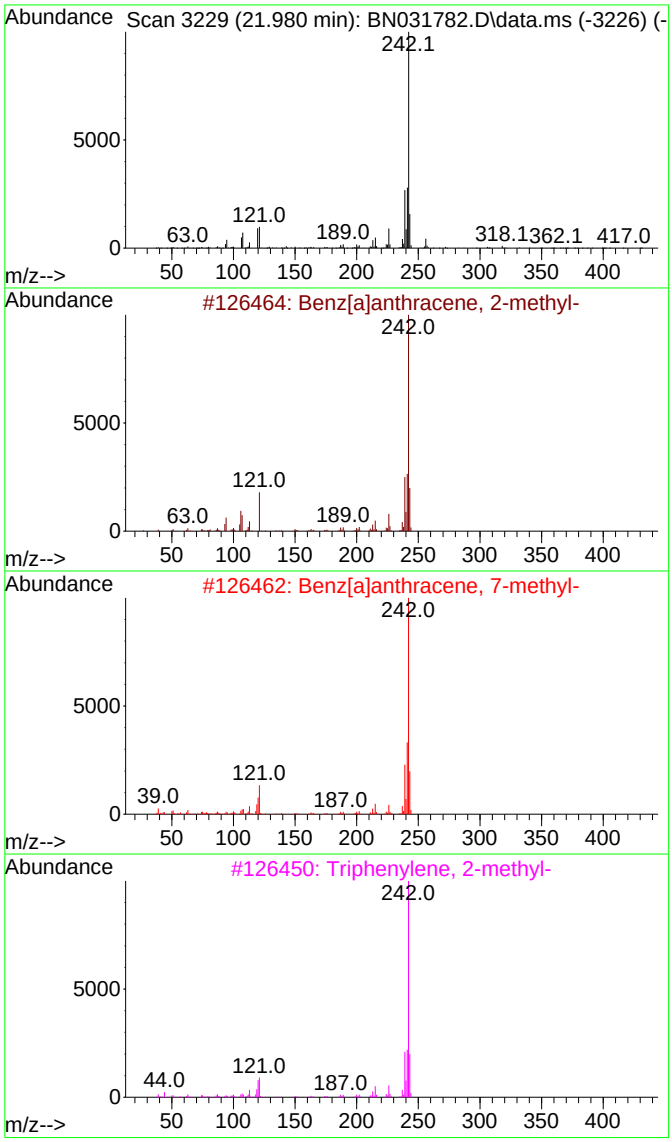
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

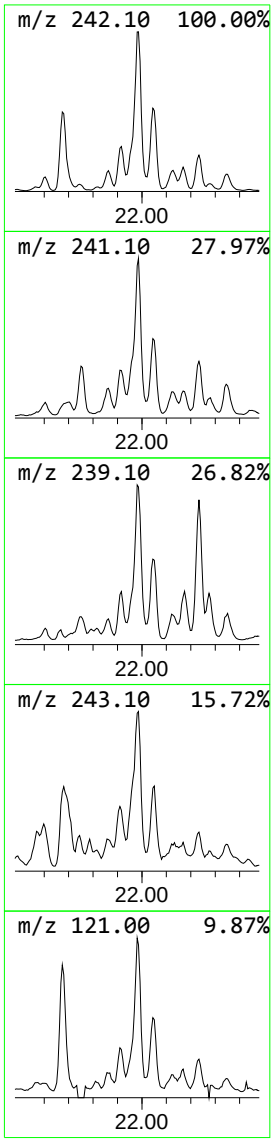
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benz[a]anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.980	3.08 ng/ul	3750740	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

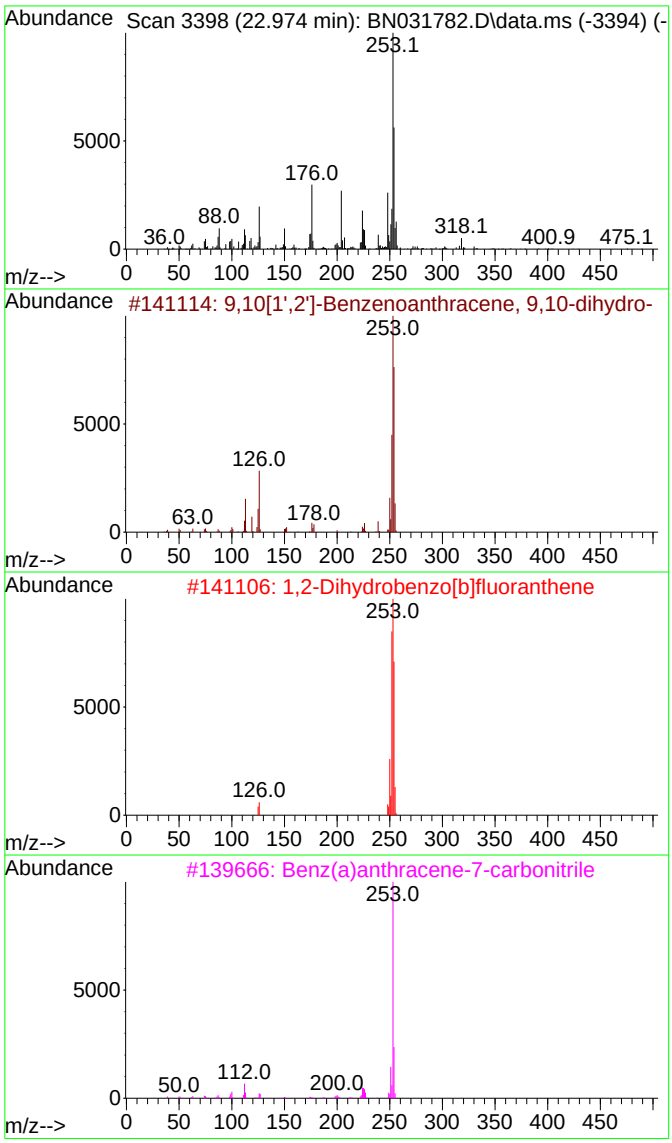
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

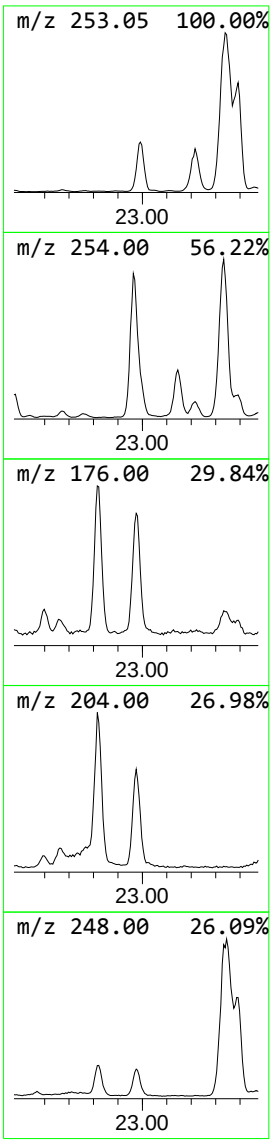
****

Peak Number 41 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	5.77 ng/ul	4607150	Perylene-d12	24.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	49
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	49
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	46
4	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	38
5	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

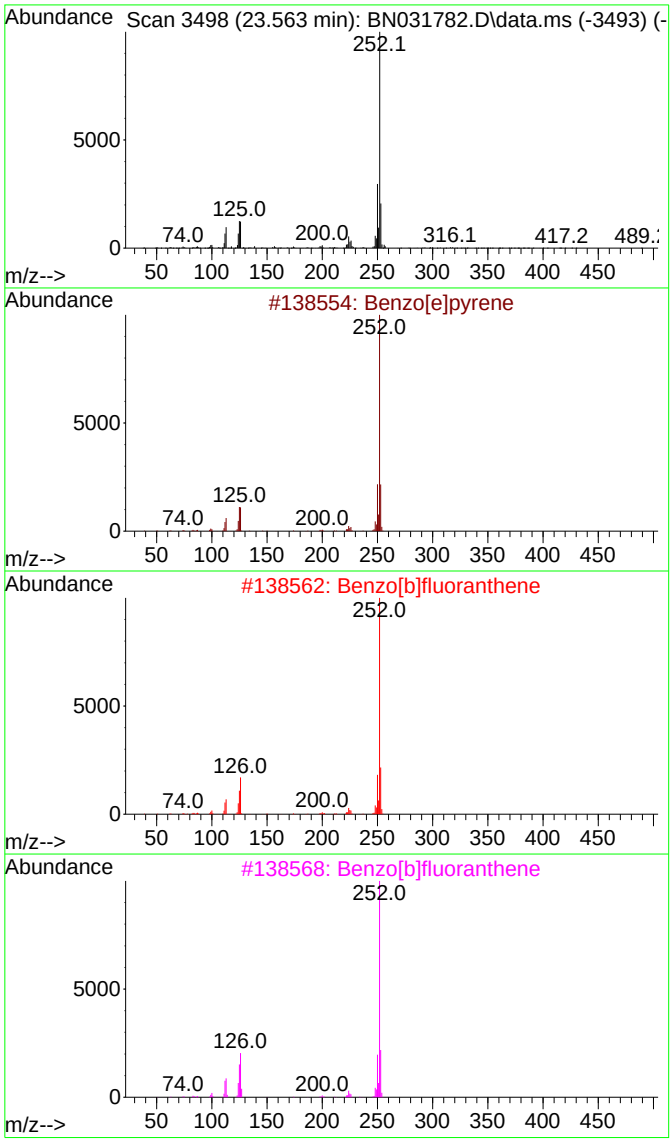
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

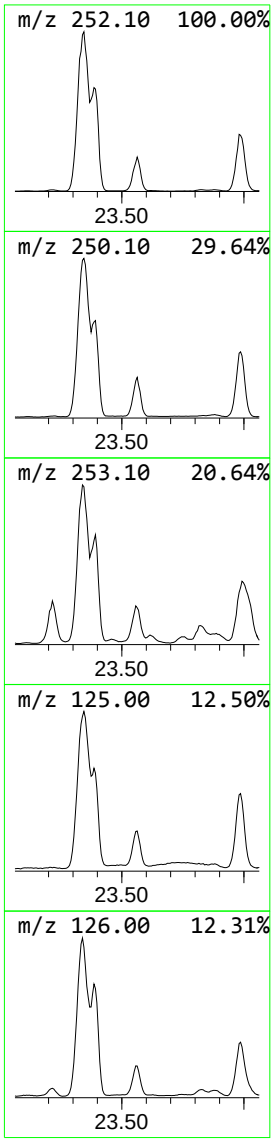
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzo[e]pyrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	3.70 ng/ul	2949650	Perylene-d12	24.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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

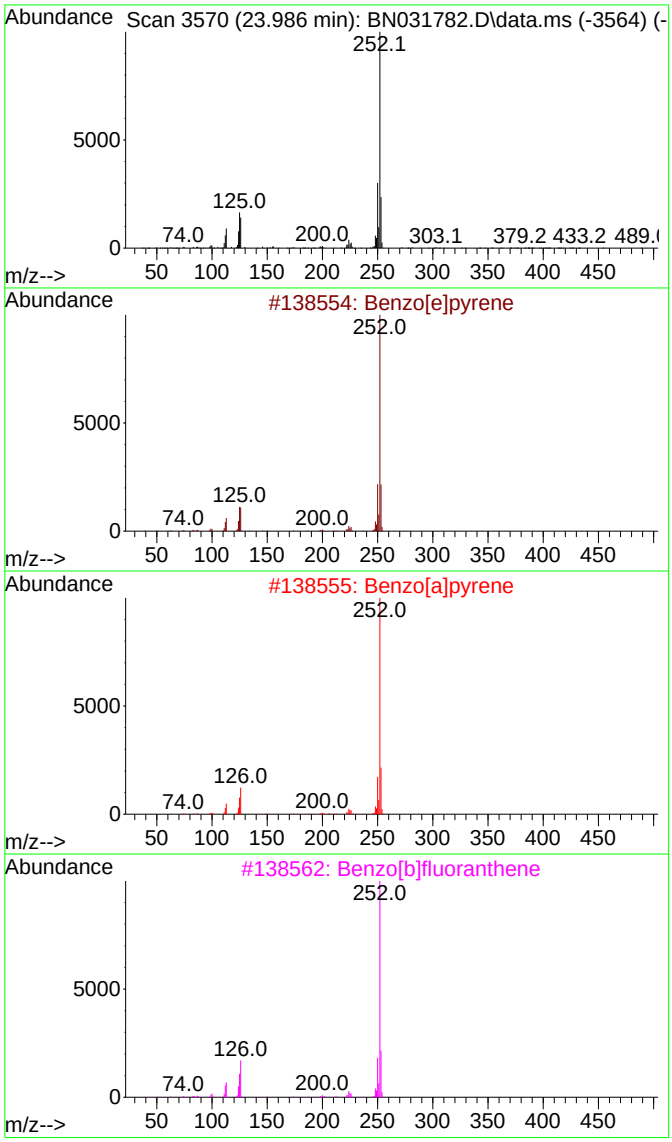
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

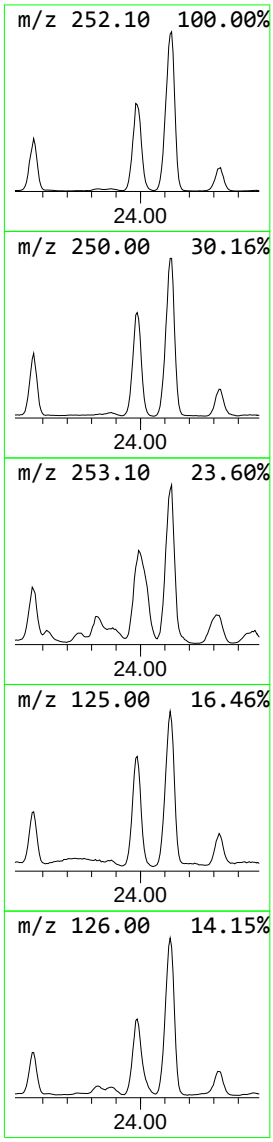
****

Peak Number 43 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	10.13 ng/ul	8082260	Perylene-d12	24.257

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031782.D
Acq On : 04 Jun 2024 18:52
Operator : MA/JU
Sample : P2591-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL

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, 2,...	13.640	3.0	ng/ul	843673	3	14.322	5642450	20.0
[1,1'-Biphenyl]...	15.669	4.5	ng/ul	1270300	3	14.322	5642450	20.0
2,4,6-Cycloheptt...	15.816	6.8	ng/ul	1861290	4	17.075	5455770	20.0
Naphtho[2,1-b]f...	16.604	3.0	ng/ul	811961	4	17.075	5455770	20.0
9H-Fluoren-9-one	16.728	16.2	ng/ul	4425250	4	17.075	5455770	20.0
4-(4-Methylphen...	16.804	3.7	ng/ul	1010240	4	17.075	5455770	20.0
Dibenzothiophene	16.887	10.0	ng/ul	2717160	4	17.075	5455770	20.0
Acridine	17.263	3.6	ng/ul	987479	4	17.075	5455770	20.0
Anthrone	17.651	4.5	ng/ul	1220670	4	17.075	5455770	20.0
Phenanthrene, 2...	17.945	14.8	ng/ul	4029250	4	17.075	5455770	20.0
Phenanthrene, 1...	17.992	22.6	ng/ul	6176470	4	17.075	5455770	20.0
1H-Cyclopropa[1...	18.075	6.8	ng/ul	1842670	4	17.075	5455770	20.0
4H-Cyclopenta[d...	18.145	24.5	ng/ul	6675580	4	17.075	5455770	20.0
1H-Indene, 2-ph...	18.180	8.7	ng/ul	2364060	4	17.075	5455770	20.0
3-Methylcarbazole	18.298	2.1	ng/ul	587823	4	17.075	5455770	20.0
6-Phenylbenzocy...	18.451	12.1	ng/ul	3302030	4	17.075	5455770	20.0
9,10-Anthracene...	18.498	14.0	ng/ul	3823390	4	17.075	5455770	20.0
Phenanthrene, 1...	18.745	2.8	ng/ul	770698	4	17.075	5455770	20.0
Phenanthrene, 2...	18.875	12.1	ng/ul	3302200	4	17.075	5455770	20.0
Cyclopenta(def)...	19.016	15.8	ng/ul	4311120	4	17.075	5455770	20.0
Pyrene, 1-methyl-	20.151	3.9	ng/ul	4717890	5	21.316	24389900	20.0
11H-Benzo[a]flu...	20.745	6.6	ng/ul	8011080	5	21.316	24389900	20.0
Benzo[b]naphtho...	20.916	5.8	ng/ul	7081520	5	21.316	24389900	20.0
Cyclopenta(cd)p...	20.957	2.9	ng/ul	3500620	5	21.316	24389900	20.0
unknown-01	21.004	5.0	ng/ul	6156040	5	21.316	24389900	20.0
7H-Benz[de]anth...	21.063	6.4	ng/ul	7767770	5	21.316	24389900	20.0
Benz[a]anthrace...	21.980	3.1	ng/ul	3750740	5	21.316	24389900	20.0
unknown-02	22.974	5.8	ng/ul	4607150	6	24.257	15958700	20.0
Benzo[e]pyrene	23.563	3.7	ng/ul	2949650	6	24.257	15958700	20.0
Perylene	23.986	10.1	ng/ul	8082260	6	24.257	15958700	20.0