LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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: BN031760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	101	104	118	rBV	597371	889916	8.27%	0.478%
2	3.704	118	122	130	rVB	199239	270487	2.51%	0.145%
3	6.851	647	657	672	rVB	1614327	2741914	25.49%	1.473%
4	7.022	679	686	699	rVB	1445897	2284406	21.24%	1.227%
5	7.216	711	719	727	rBV	1688545	2768374	25.74%	1.487%
6	7.681	790	798	806	rBV	2111918	3372710	31.36%	1.812%
7	8.387	911	918	925	rVV	1778762	2930034	27.24%	1.574%
8	8.834	987	994	1002	rVV	1694910	2830063	26.31%	1.520%
9	9.551	1100	1116	1128	rBV	1358980	2314023	21.51%	1.243%
10	10.086	1198	1207	1217	rVB	2164638	3659166	34.02%	1.966%
11	10.463	1262	1271	1277	rBV	3016466	5190955	48.26%	2.789%
12	10.516	1277	1280	1285	rVV	110089	170095	1.58%	0.091%
13	10.604	1287	1295	1313	rVV	1349299	2373453	22.07%	1.275%
14	12.133	1549	1555	1563	rVB	122888	210587	1.96%	0.113%
15	12.351	1586	1592	1600	rBV	111007	191468	1.78%	0.103%
16	13.151	1722	1728	1734	rVB2	92868	152065	1.41%	0.082%
17	13.498	1779	1787	1794	rBV2	74465	183329	1.70%	0.098%
18	13.639	1806	1811	1816	rVV	167134	291541	2.71%	0.157%
19	13.692	1816	1820	1822	rVV	101354	141353	1.31%	0.076%
20	13.739	1822	1828	1837	rVV	3686980	5250145	48.81%	2.820%
21	14.016	1868	1875	1889	rVB	4241539	7067360	65.71%	3.797%
22	14.322	1917	1927	1933	rBV	4194716	6442741	59.90%	3.461%
23	14.386	1933	1938	1946	rVB2	205391	372889	3.47%	0.200%
24	14.527	1955	1962	1971	rBV	871511	1355743	12.60%	0.728%
25	14.721	1991	1995	2004	rVV	219830	413952	3.85%	0.222%
26	14.798	2004	2008	2013	rVB	113284	154950	1.44%	0.083%
27	14.939	2025	2032	2037	rBV2	108755	215024	2.00%	0.116%
28	15.116	2055	2062	2065	rBV3	83020	160557	1.49%	0.086%
29	15.316	2090	2096	2102	rVV	5073071	7623471	70.88%	4.095%
30	15.374	2102	2106	2111	rVV3	343405	565090	5.25%	0.304%
31	15.445	2113	2118	2123	rVV	645253	973042	9.05%	0.523%
32	15.669	2151	2156	2162	rVV	123184	199848	1.86%	0.107%
33	15.816	2173	2181	2189	rVB3	122299	296917	2.76%	0.160%
34	16.045	2215	2220	2228	rBV4	210911	384009	3.57%	0.206%
35	16.380	2266	2277	2281	rBV4	146087	389738	3.62%	0.209%
36	16.421	2281	2284	2290	rVB	107170	163379	1.52%	0.088%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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	16.604	2308	2315	2319	rBV3	112796	220813	2.05%	0.119%
38	16.727	2331	2336	2342	rVB2	274973	427609	3.98%	0.230%
39	16.804	2344	2349	2351	rBV	95755	166129	1.54%	0.089%
40	16.886	2359	2363	2372	rVB	256680	416050	3.87%	0.224%
41	17.068	2388	2394	2398	rBV	4248438	6222560	57.85%	3.343%
42	17.110	2398	2401	2406	rVV	4397480	6074812	56.48%	3.263%
43	17.168	2406	2411	2415	rVV	4867201	6865100	63.83%	3.688%
44	17.204	2415	2417	2422	rVB	751649	853844	7.94%	0.459%
45	17.263	2422	2427	2432	rBV4	160698	283196	2.63%	0.152%
46	17.380	2444	2447	2452	rVB2	106416	154788	1.44%	0.083%
47	17.474	2455	2463	2468	rBV2	393372	682225	6.34%	0.367%
48	17.592	2478	2483	2486	rVV2	103687	166216	1.55%	0.089%
49	17.651	2489	2493	2501	rVB2	216837	352066	3.27%	0.189%
50	17.792	2513	2517	2524	rVB	97076	178185	1.66%	0.096%
51	17.945	2538	2543	2545	rVV	986522	1278454	11.89%	0.687%
52	17.992	2545	2551	2557	rVV2	1529223	3152231	29.31%	1.693%
53	18.045	2557	2560	2562	rVV	148011	206883	1.92%	0.111%
54	18.074	2562	2565	2570	rVV	263315	381349	3.55%	0.205%
55	18.139	2570	2576	2580	rVV2	1157989	2223200	20.67%	1.194%
56	18.174	2580	2582	2589	rVB	653665	804734	7.48%	0.432%
57	18.262	2592	2597	2600	rVV4	131755	220517	2.05%	0.118%
58	18.298	2600	2603	2607	rVV3	152320	227946	2.12%	0.122%
59	18.339	2607	2610	2615	rVB3	115789	169707	1.58%	0.091%
60	18.451	2624	2629	2632	rBV	532527	734033	6.82%	0.394%
61	18.492	2632	2636	2641	rVB2	573723	802892	7.46%	0.431%
62	18.698	2667	2671	2675	rVV	224265	287629	2.67%	0.155%
63	18.745	2675	2679	2683	rVV	324284	427532	3.97%	0.230%
64	18.786	2683	2686	2690	rVB	257725	312739	2.91%	0.168%
65	18.868	2695	2700	2704	rBV	761621	1143390	10.63%	0.614%
66	18.921	2704	2709	2713	rVV3	302037	647606	6.02%	0.348%
67	18.962	2713	2716	2719	rVB	232502	273450	2.54%	0.147%
68	19.009	2719	2724	2731	rBV2	483783	946249	8.80%	0.508%
69	19.133	2739	2745	2751	rVB	7536783	10065868	93.58%	5.408%
70	19.198	2752	2756	2759	rBV2	173922	255852	2.38%	0.137%
71	19.233	2759	2762	2764	rBV3	165987	200942	1.87%	0.108%
72	19.262	2764	2767	2768	rBV	172347	164572	1.53%	0.088%
73	19.333	2776	2779	2782	rBV2	136289	151684	1.41%	0.081%
74	19.380	2783	2787	2790	rVV	196975	232385	2.16%	0.125%
75	19.468	2796	2802	2804	rBV2	5827041	7996114	74.34%	4.296%
76	19.498	2804	2807	2815	rVV	6571216	9221795	85.74%	4.954%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BHBL2

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	19.574	2815	2820	2825	rVB3	427082	700545	6.51%	0.376%
78	19.680	2834	2838	2843	rVB	286512	443942	4.13%	0.238%
79	19.739	2844	2848	2853	rVB3	336773	515569	4.79%	0.277%
80	19.821	2857	2862	2869	rBV4	547432	1341958	12.48%	0.721%
81	19.962	2881	2886	2888	rBV5	401641	745301	6.93%	0.400%
82	19.992	2888	2891	2895	rVB	951968	1271472	11.82%	0.683%
83	20.098	2905	2909	2912	rBV	563776	739521	6.88%	0.397%
84	20.151	2912	2918	2923	rVV2	775933	1236580	11.50%	0.664%
85	20.292	2938	2942	2946	rBV	514070	653600	6.08%	0.351%
86	20.339	2946	2950	2954	rVB	479946	649465	6.04%	0.349%
87	20.745	3015	3019	3026	rVB	665730	971485	9.03%	0.522%
88	20.956	3052	3055	3058	rBV	476402	562435	5.23%	0.302%
89	20.998	3058	3062	3067	rVV2	1293627	2056933	19.12%	1.105%
90	21.056	3069	3072	3080	rVB	685646	987810	9.18%	0.531%
91	21.303	3107	3114	3119	rBV3	4614593	10755910	100.00%	5.778%
92	21.351	3119	3122	3133	rVB	3082120	4494918	41.79%	2.415%
93	21.492	3143	3146	3152	rBV3	252290	504144	4.69%	0.271%
94	21.980	3227	3229	3236	rVB	604283	827064	7.69%	0.444%
95	22.680	3343	3348	3358	rVB3	1074232	2090085	19.43%	1.123%
96	23.321	3450	3457	3464	rBV	2102807	6407703	59.57%	3.442%
97	23.980	3563	3569	3574	rBV2	1029910	2376927	22.10%	1.277%
98	24.050	3575	3581	3586	rVV2	2370070	5446930	50.64%	2.926%
99	24.115	3587	3592	3604	rVB	1999550	4535890	42.17%	2.437%
100	24.250	3608	3615	3623	rBV	2053465	5240097	48.72%	2.815%

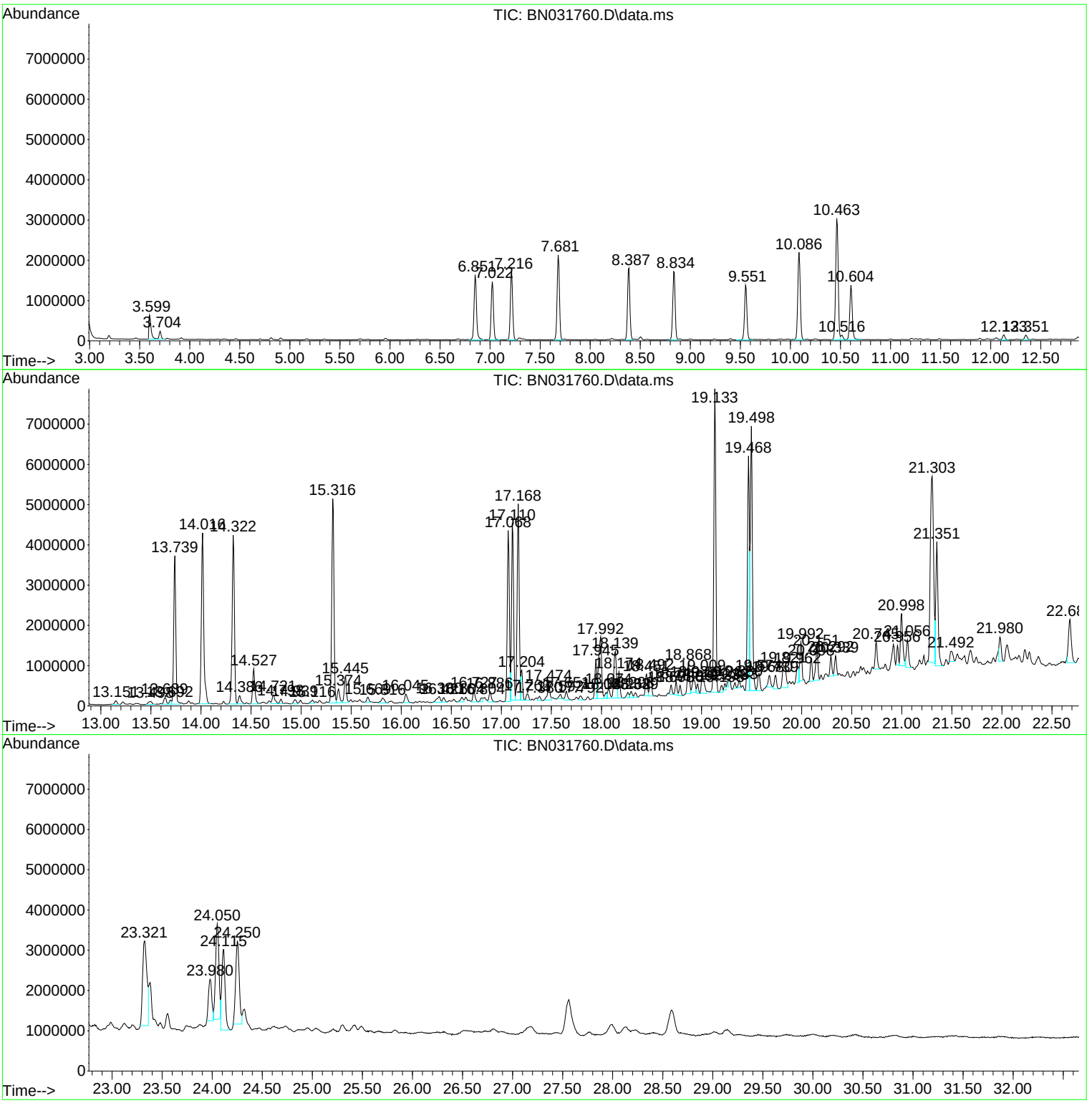
Sum of corrected areas: 186144424

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
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Instrument :
BNA_N
ClientSampleId :
BHBL2

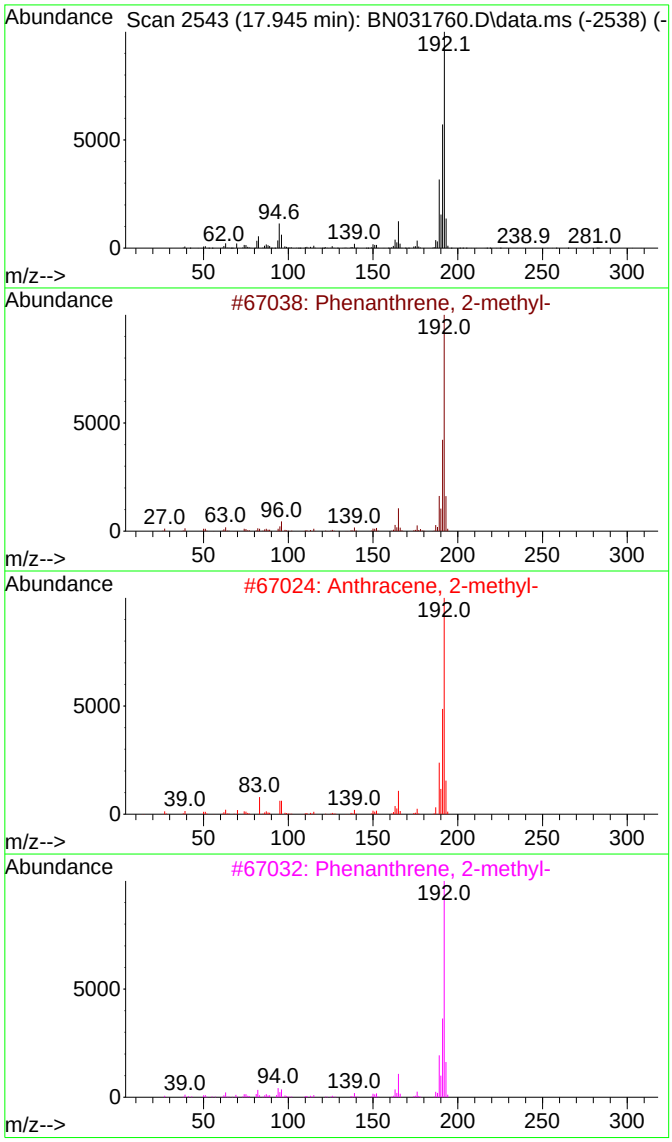
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

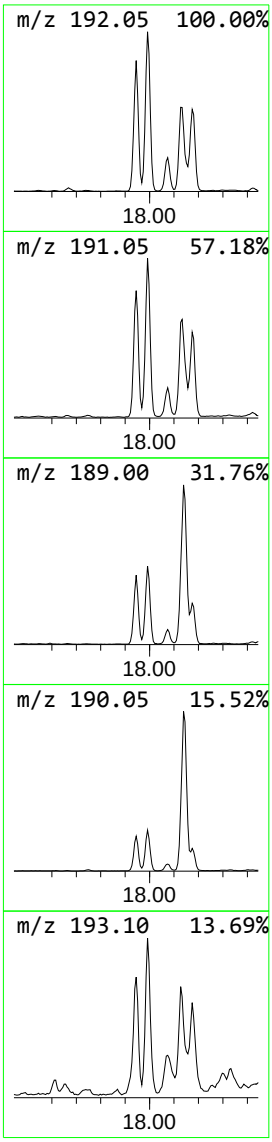
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	4.11 ng/ul	1278450	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

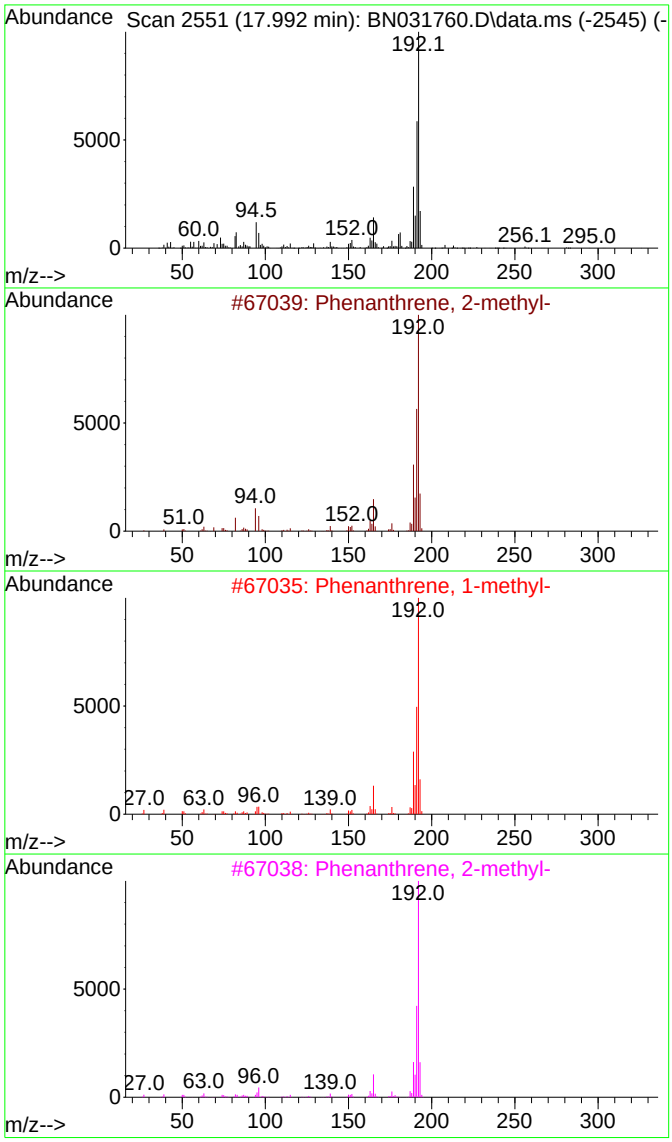
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

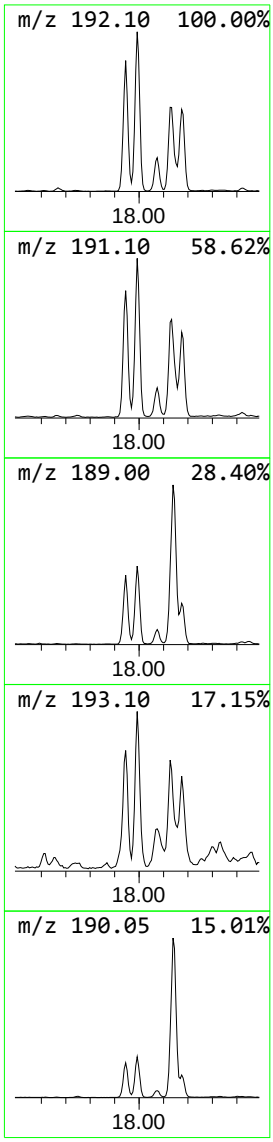
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	10.13 ng/ul	3152230	Phenanthrene-d10	17.068

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

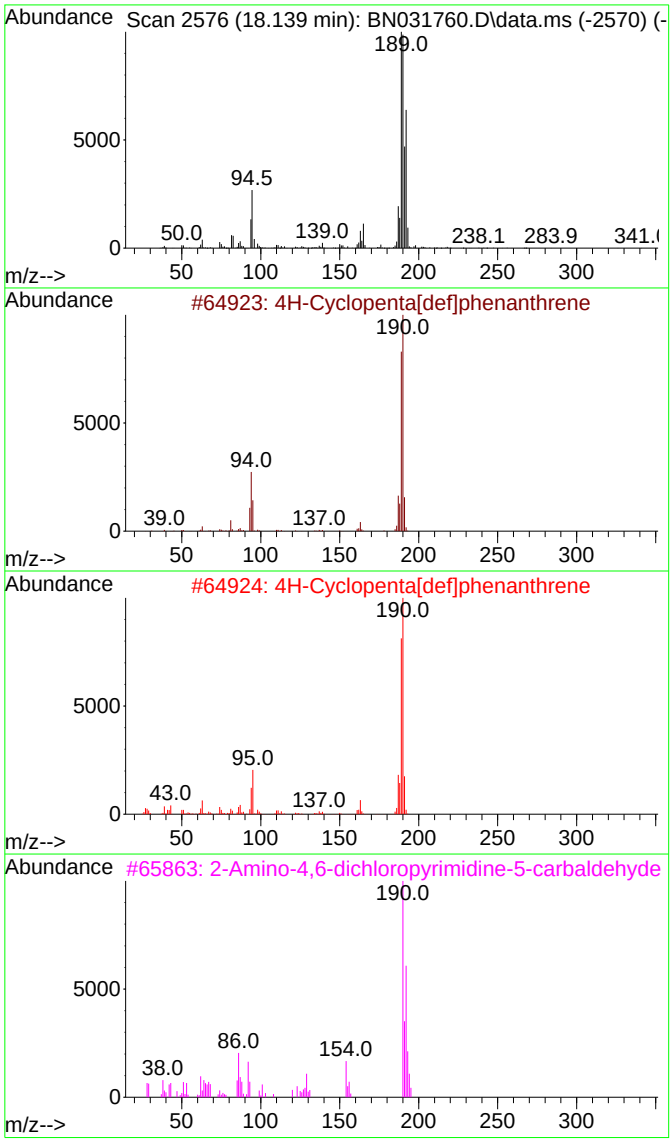
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

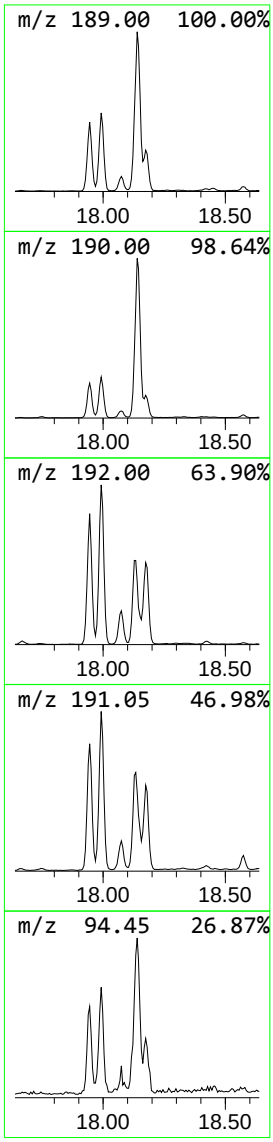
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	7.15 ng/ul	2223200	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

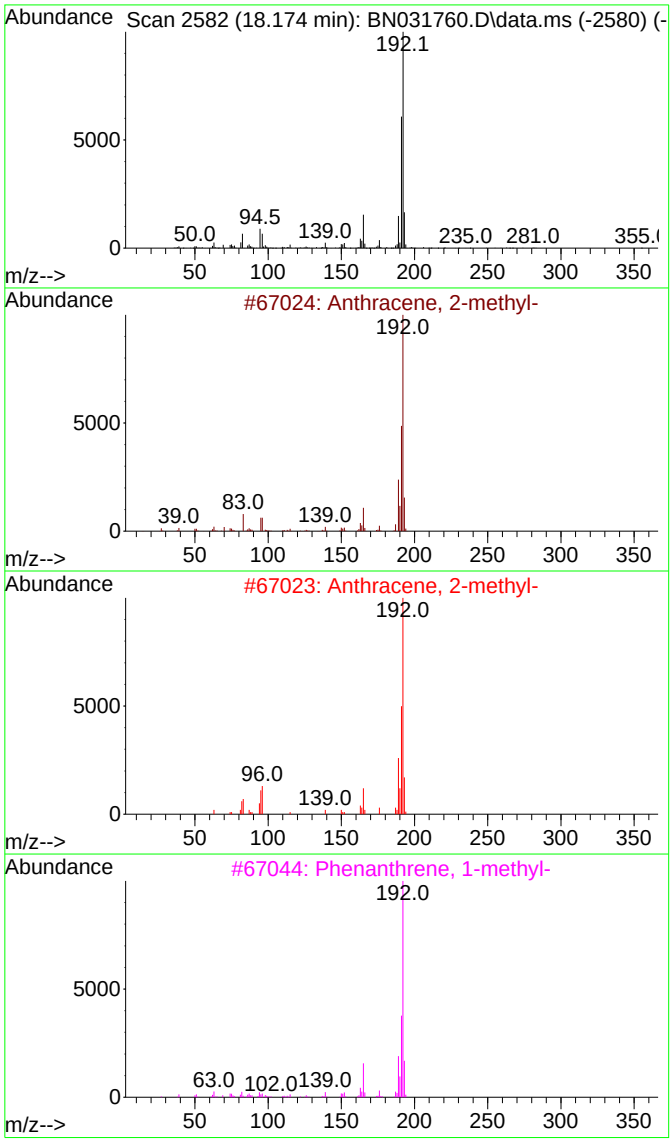
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

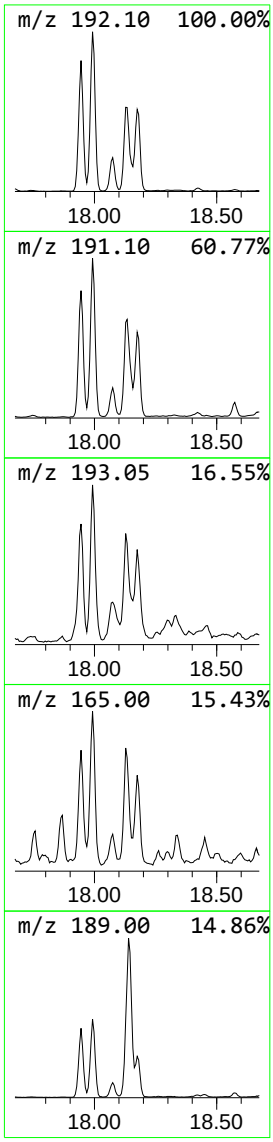
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	2.59 ng/ul	804734	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

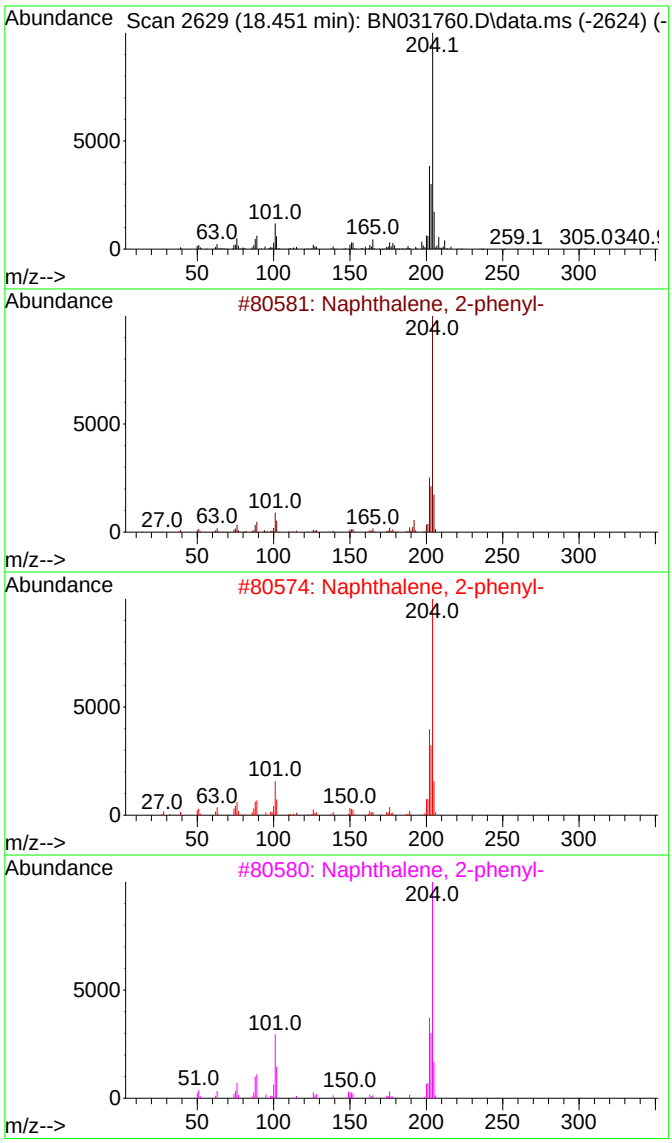
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

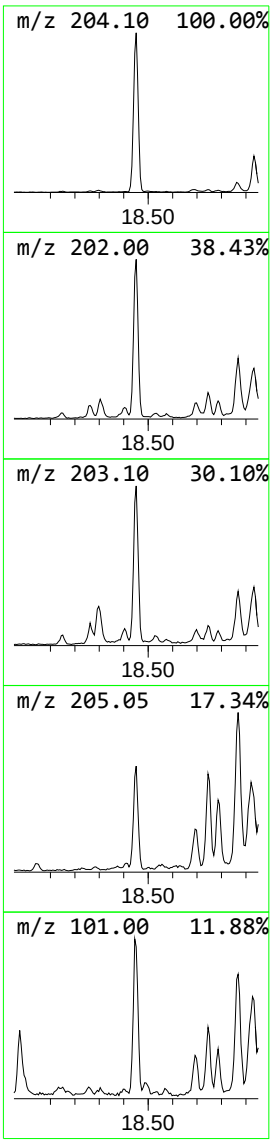
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	2.36 ng/ul	734033	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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

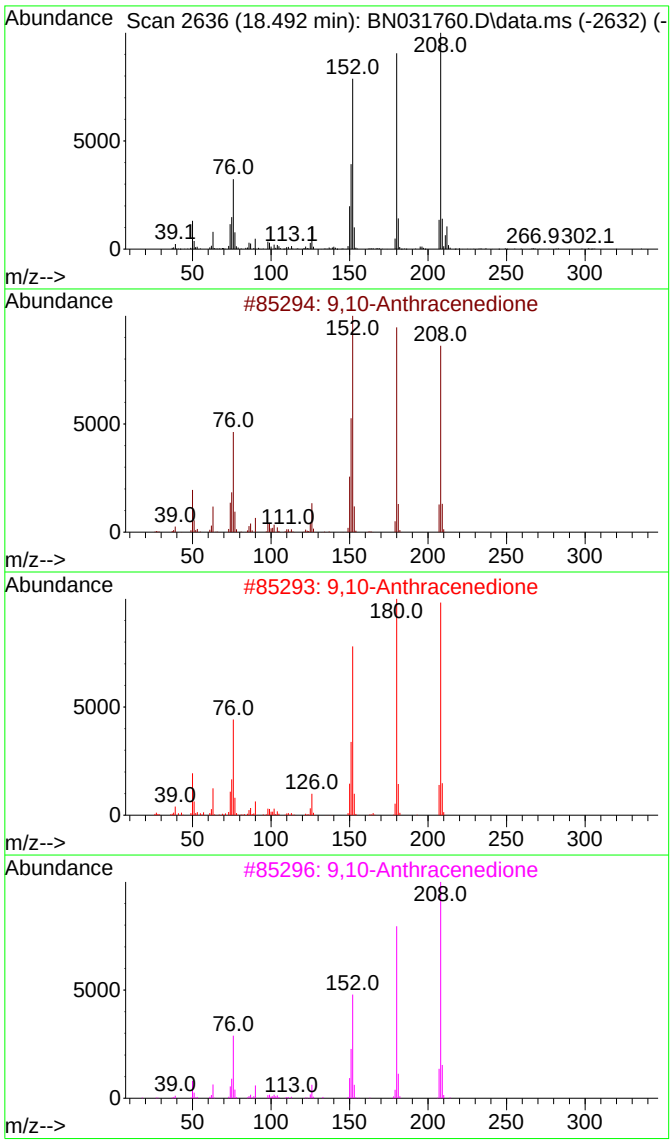
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

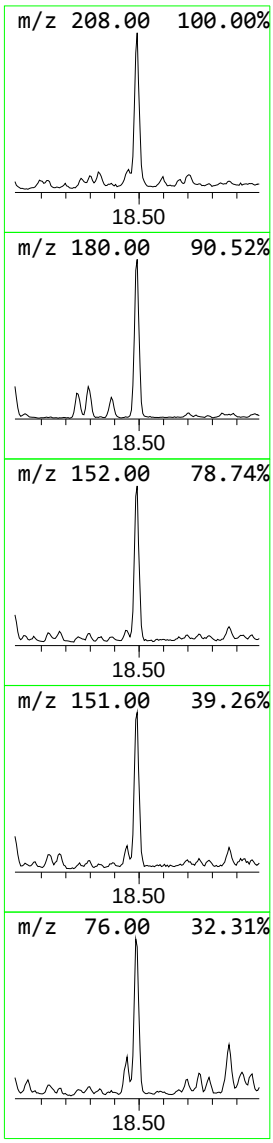
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.58 ng/ul	802892	Phenanthrene-d10	17.068

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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

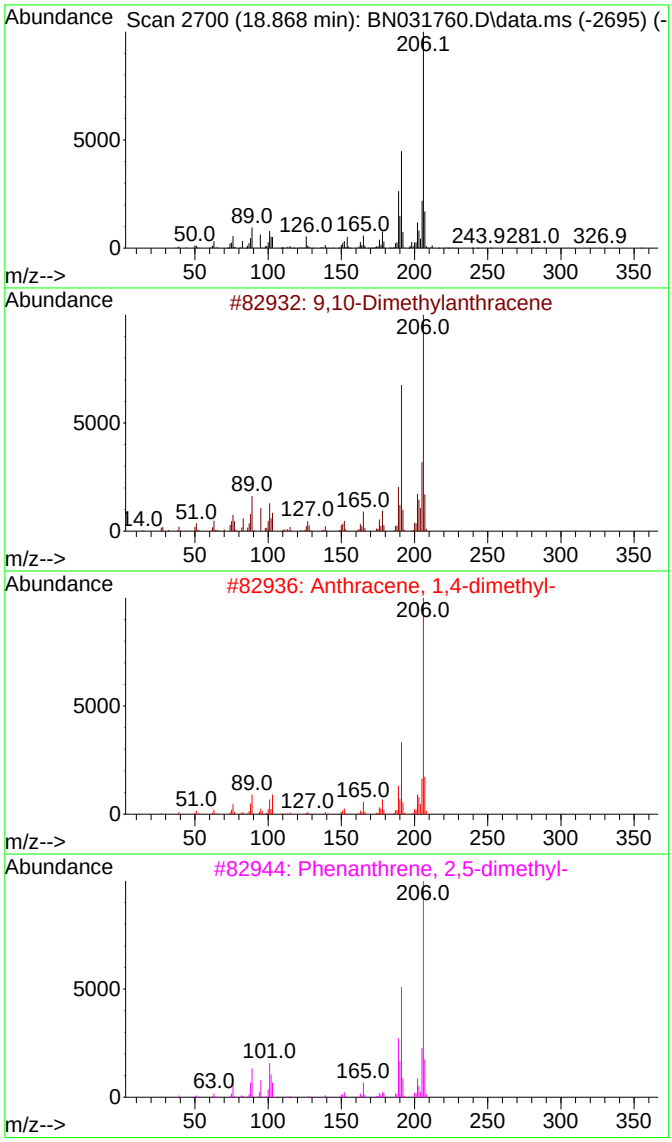
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

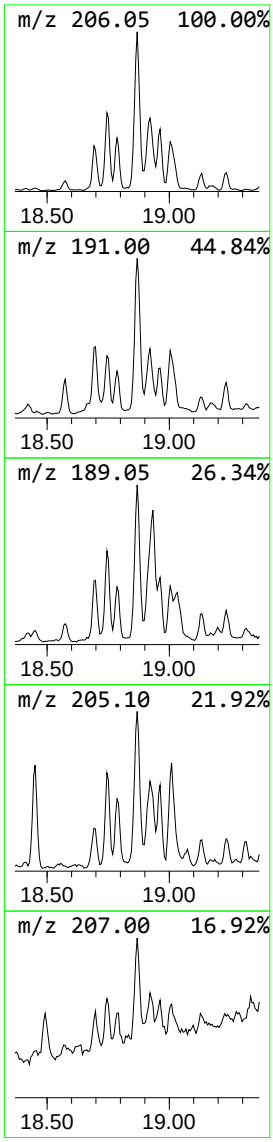
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	3.67 ng/ul	1143390	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

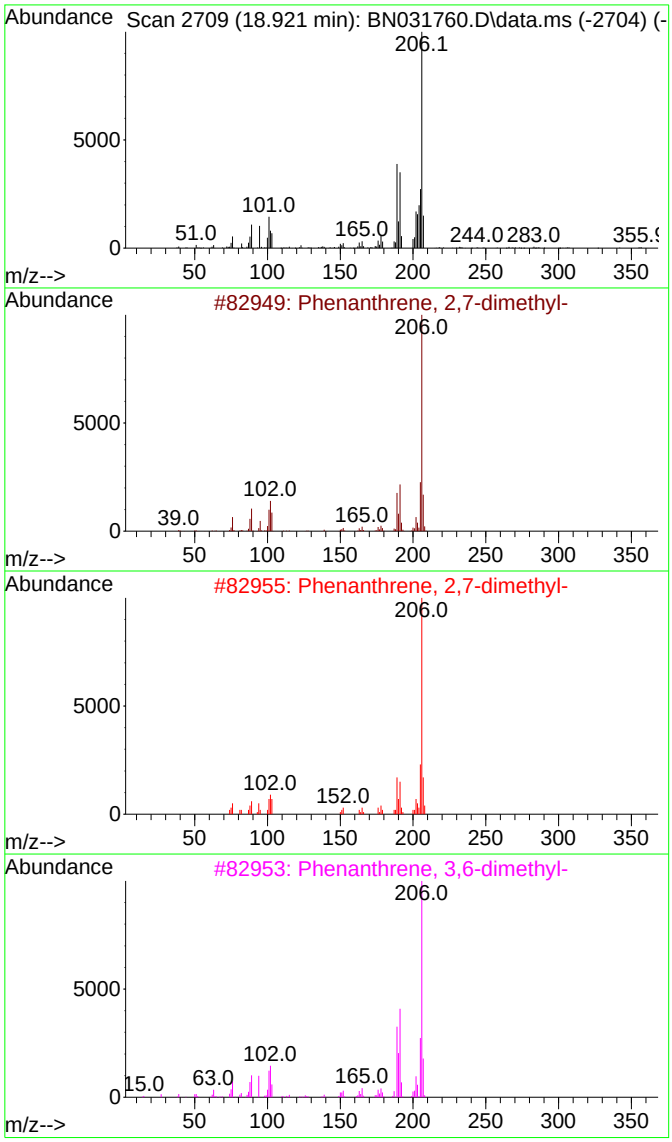
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

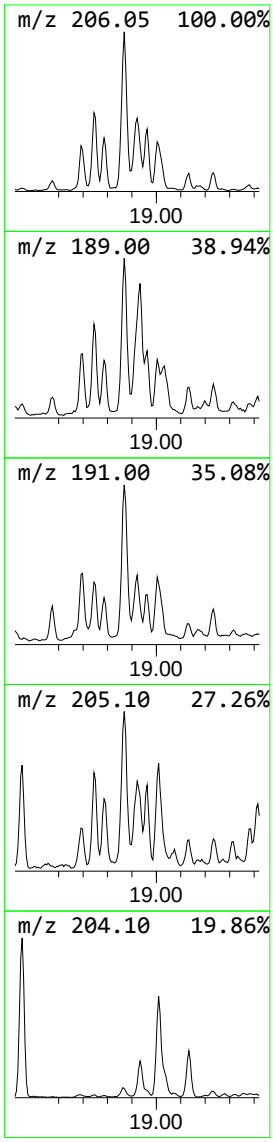
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.921	2.08 ng/ul	647606	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70





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Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

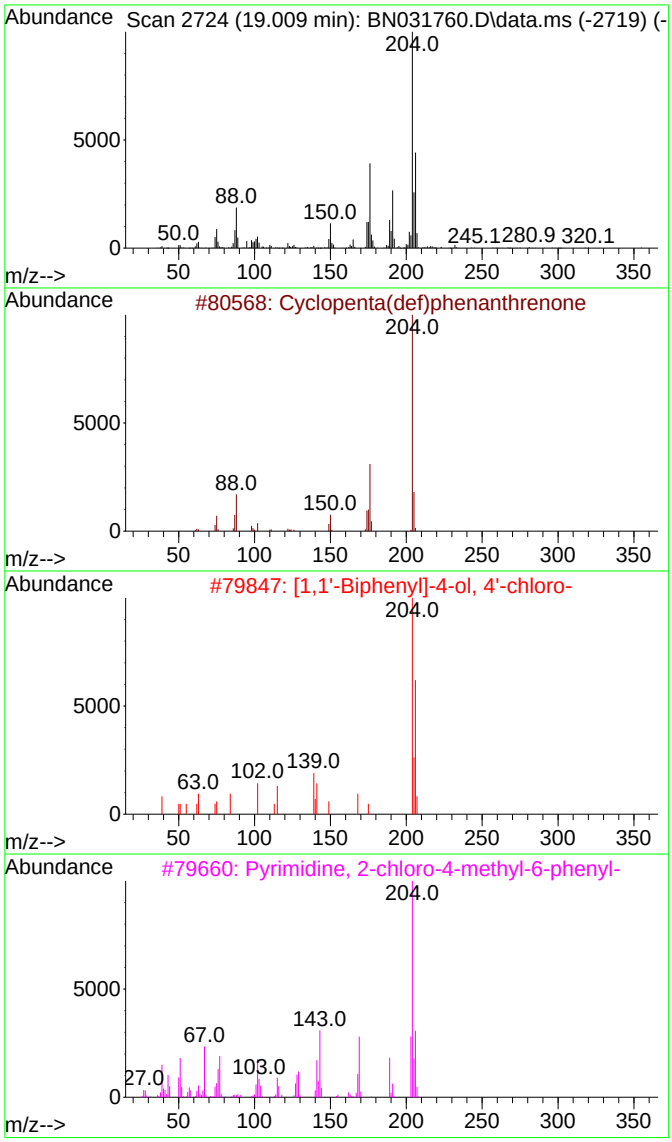
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

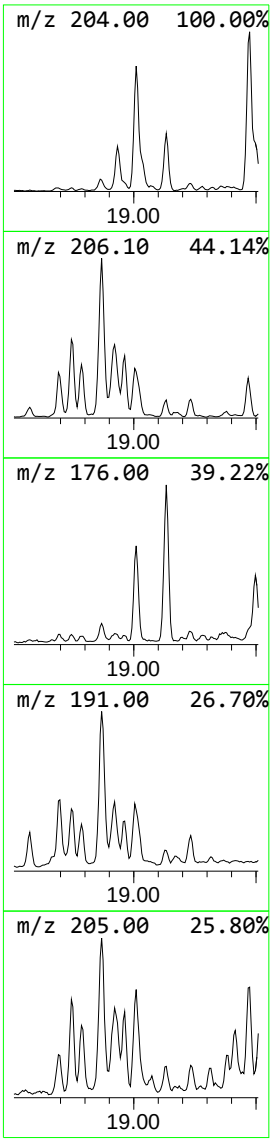
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.009	3.04 ng/ul	946249	Phenanthrene-d10	17.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43





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Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

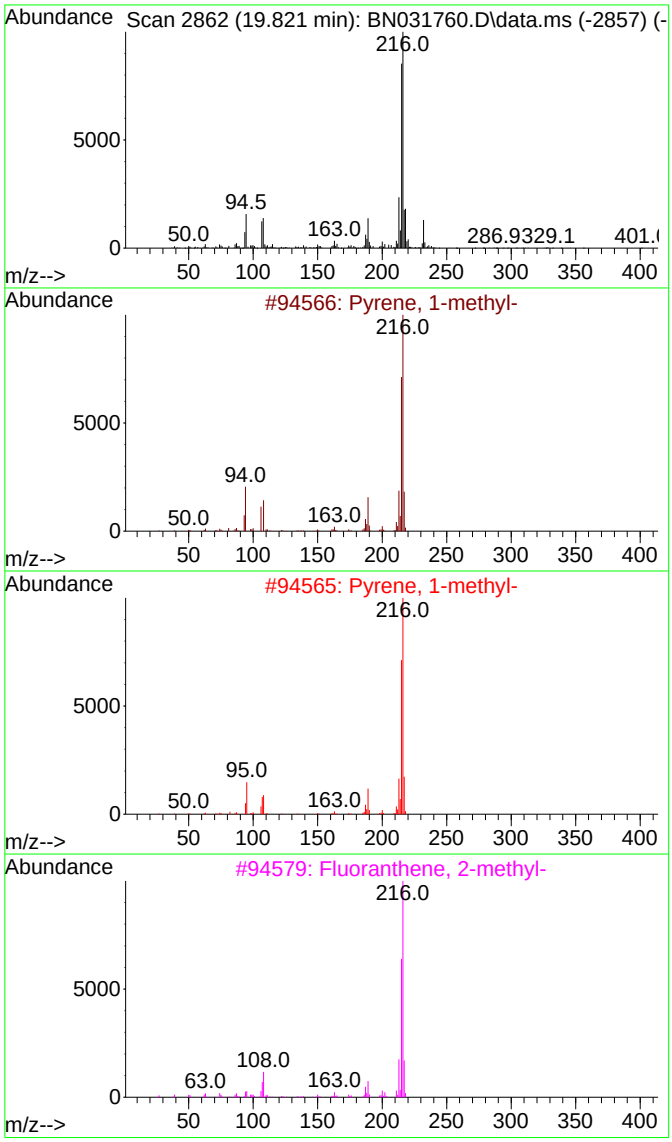
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

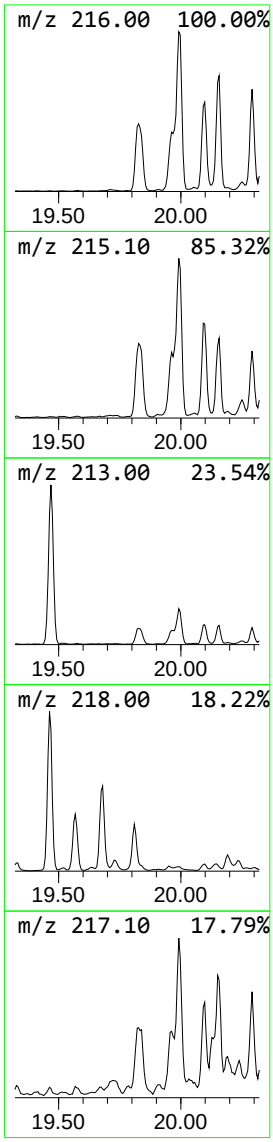
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.821	2.50 ng/ul	1341960	Chrysene-d12	21.309

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	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

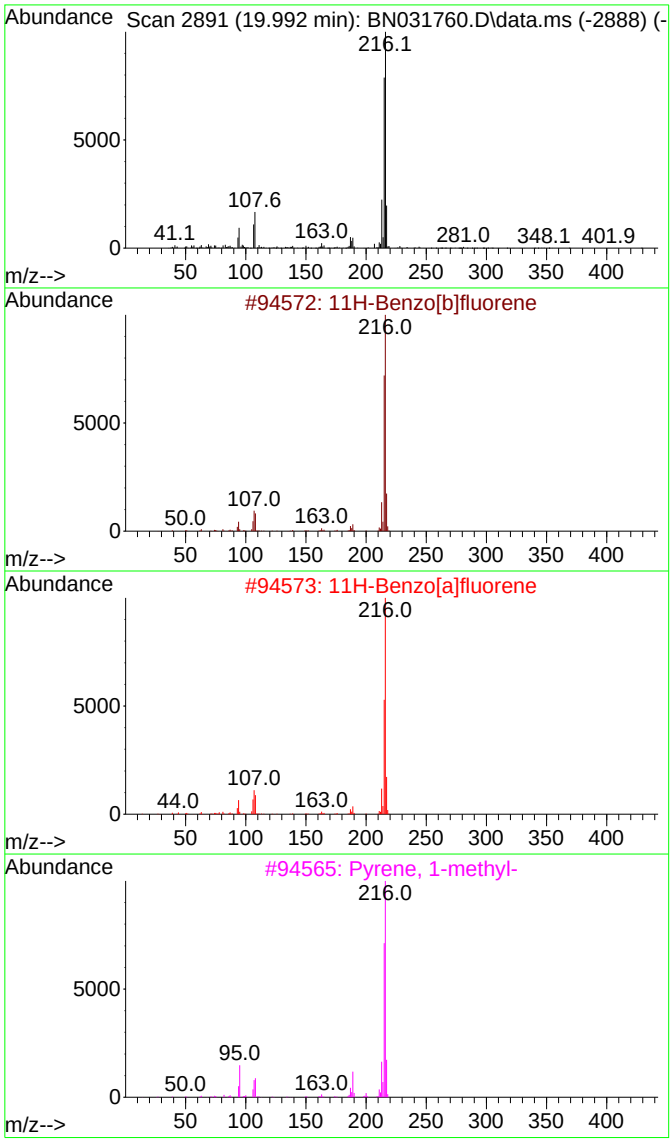
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

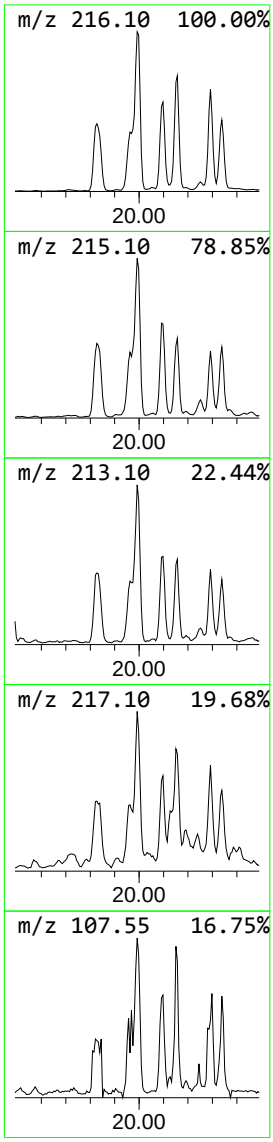
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.36 ng/ul	1271470	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

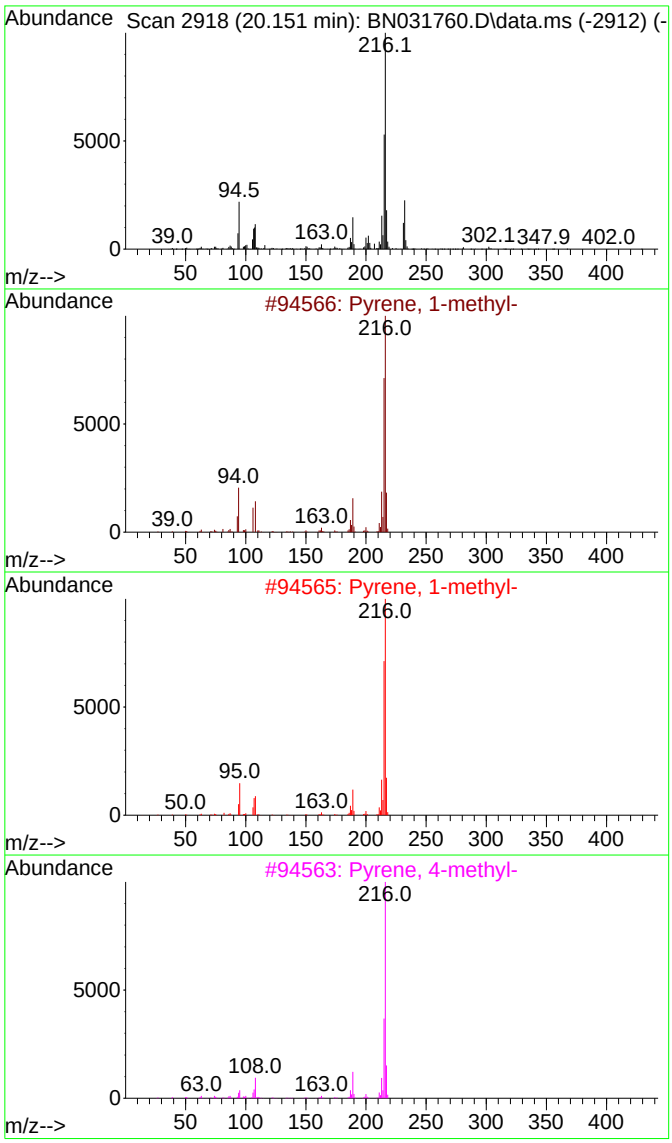
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

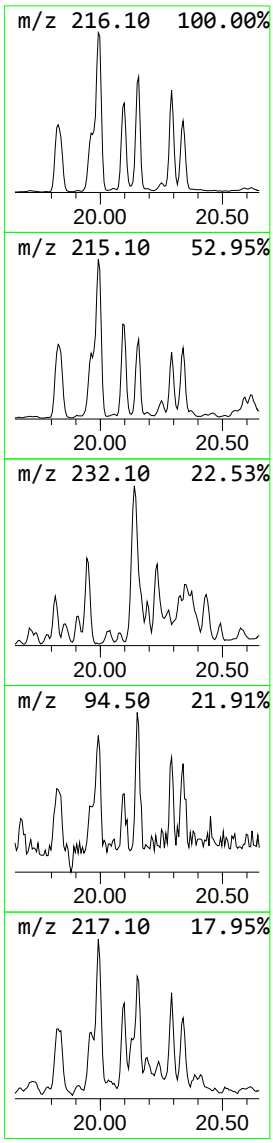
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.30 ng/ul	1236580	Chrysene-d12	21.309

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, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94





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Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

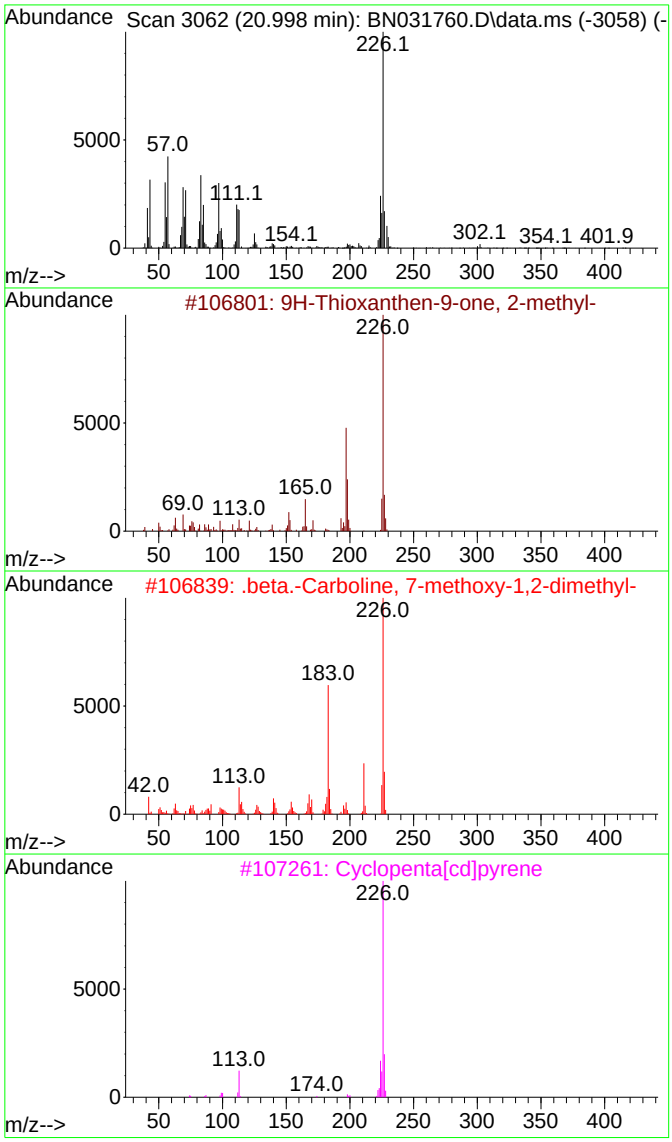
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

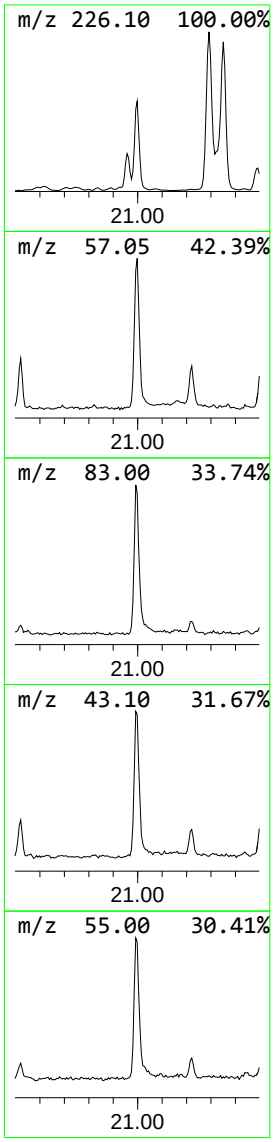
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.82 ng/ul	2056930	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	41
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	35





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Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

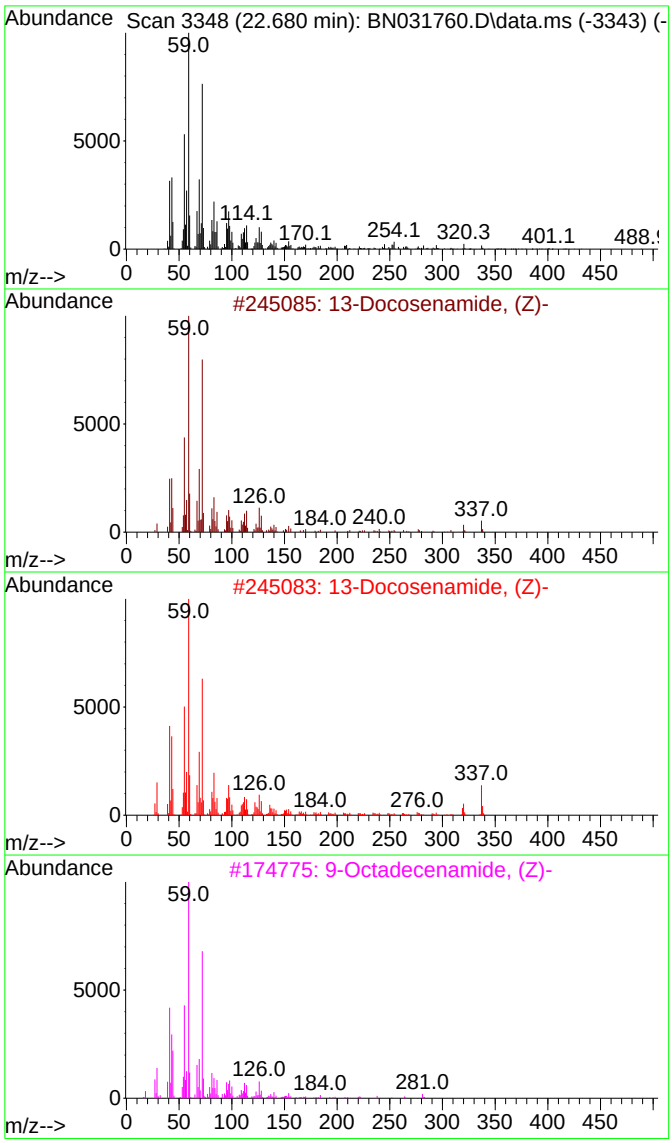
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

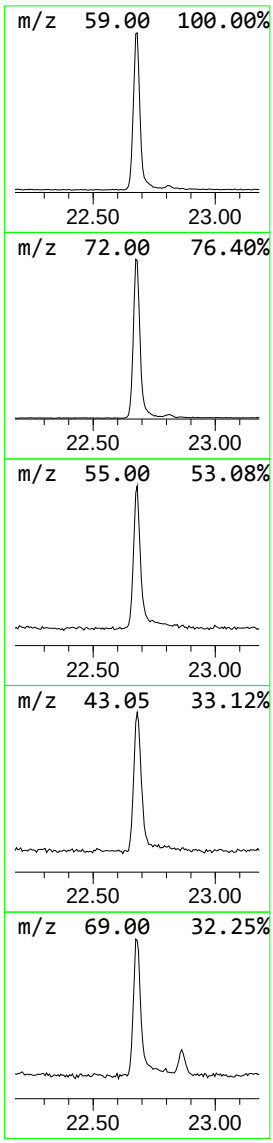
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.680	3.89 ng/ul	2090090	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	99
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
5	Palmitoleamide	253	C16H31NO	106010-22-4	72





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Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

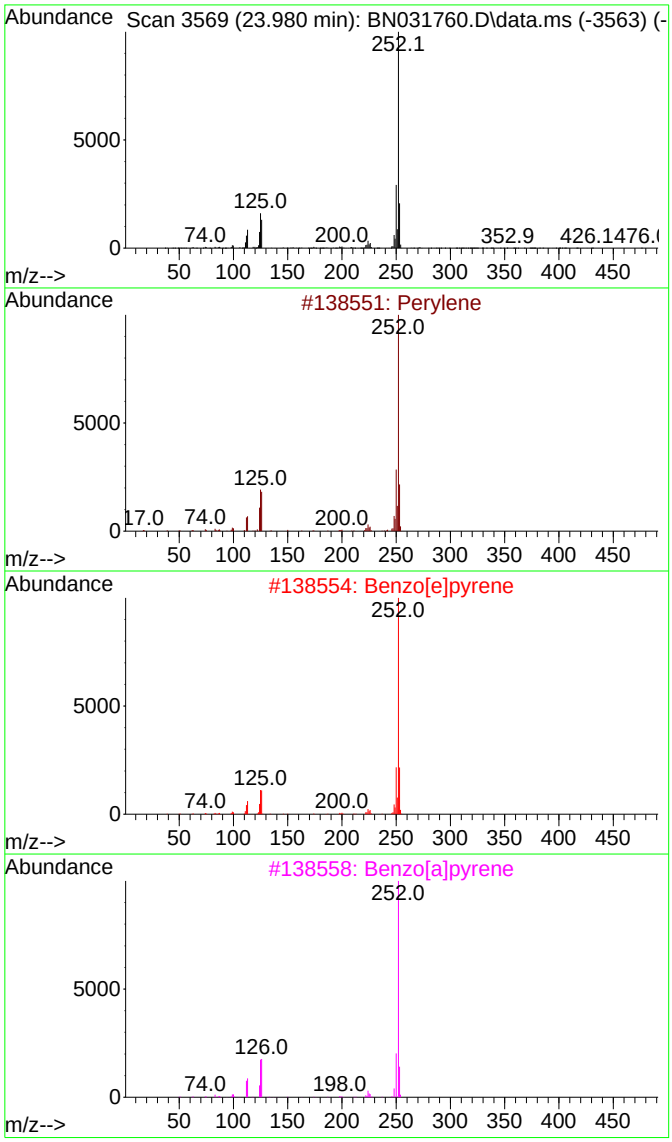
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

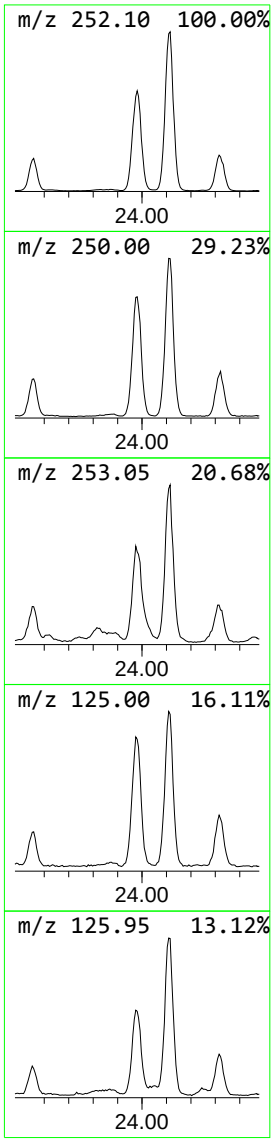
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	9.07 ng/ul	2376930	Perylene-d12	24.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031760.D
Acq On : 03 Jun 2024 15:17
Operator : MA/JU
Sample : P2590-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBL2

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
Phenanthrene, 2...	17.945	4.1	ng/ul	1278450	4	17.068	6222560	20.0
Phenanthrene, 1...	17.992	10.1	ng/ul	3152230	4	17.068	6222560	20.0
4H-Cyclopenta[d...	18.139	7.2	ng/ul	2223200	4	17.068	6222560	20.0
Anthracene, 2-m...	18.174	2.6	ng/ul	804734	4	17.068	6222560	20.0
Naphthalene, 2-...	18.451	2.4	ng/ul	734033	4	17.068	6222560	20.0
9,10-Anthracene...	18.492	2.6	ng/ul	802892	4	17.068	6222560	20.0
9,10-Dimethylan...	18.868	3.7	ng/ul	1143390	4	17.068	6222560	20.0
Phenanthrene, 2...	18.921	2.1	ng/ul	647606	4	17.068	6222560	20.0
Cyclopenta(def)...	19.009	3.0	ng/ul	946249	4	17.068	6222560	20.0
Pyrene, 1-methyl-	19.821	2.5	ng/ul	1341960	5	21.309	10755900	20.0
11H-Benzo[b]flu...	19.992	2.4	ng/ul	1271470	5	21.309	10755900	20.0
Pyrene, 4-methyl-	20.151	2.3	ng/ul	1236580	5	21.309	10755900	20.0
unknown-01	20.998	3.8	ng/ul	2056930	5	21.309	10755900	20.0
13-Docosenamide...	22.680	3.9	ng/ul	2090090	5	21.309	10755900	20.0
Perylene	23.980	9.1	ng/ul	2376930	6	24.250	5240100	20.0