LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BH644

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: BN031708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	31	36	46	rVB	71814	126605	1.09%	0.072%
2	3.458	76	80	90	rBV	63194	101020	0.87%	0.058%
3	3.599	102	104	117	rBV2	684453	1225629	10.51%	0.701%
4	3.705	117	122	130	rVV	721719	1057071	9.07%	0.605%
5	3.781	130	135	141	rVB	61294	90247	0.77%	0.052%
6	4.469	247	252	259	rVB	126161	189594	1.63%	0.108%
7	4.710	289	293	299	rVB2	42176	63672	0.55%	0.036%
8	4.816	306	311	319	rBV	53223	88336	0.76%	0.051%
9	4.910	322	327	340	rVB	173347	272094	2.33%	0.156%
10	5.781	468	475	482	rVB	48600	100609	0.86%	0.058%
11	5.957	498	505	516	rVB2	40686	78507	0.67%	0.045%
12	6.852	649	657	667	rVB	1486777	2422993	20.79%	1.386%
13	7.028	680	687	699	rVB	1220037	1911179	16.40%	1.093%
14	7.216	710	719	727	rVB	1522985	2416002	20.73%	1.382%
15	7.687	790	799	806	rBV	2133017	3367864	28.89%	1.926%
16	7.751	806	810	816	rVB2	45147	72383	0.62%	0.041%
17	8.222	885	890	897	rVB2	36695	74965	0.64%	0.043%
18	8.387	910	918	925	rBV	1601250	2591749	22.23%	1.482%
19	8.840	987	995	1004	rVV	1433076	2345356	20.12%	1.341%
20	9.251	1059	1065	1072	rVB	47275	84231	0.72%	0.048%
21	9.404	1079	1091	1097	rBV	160217	277680	2.38%	0.159%
22	9.557	1109	1117	1123	rBV	1081034	1813732	15.56%	1.037%
23	10.087	1198	1207	1215	rBV	1924202	3173282	27.22%	1.815%
24	10.251	1229	1235	1244	rVB5	30740	61445	0.53%	0.035%
25	10.469	1263	1272	1278	rBV	2993290	5078215	43.56%	2.904%
26	10.516	1278	1280	1285	rVB	54412	75620	0.65%	0.043%
27	10.610	1290	1296	1311	rVB	152553	342036	2.93%	0.196%
28	11.010	1359	1364	1370	rVB	50756	81945	0.70%	0.047%
29	11.210	1392	1398	1403	rBV	161305	294603	2.53%	0.168%
30	11.969	1521	1527	1533	rBV2	35744	73492	0.63%	0.042%
31	12.063	1534	1543	1548	rVB3	35978	86696	0.74%	0.050%
32	12.134	1550	1555	1562	rVB	50344	88571	0.76%	0.051%
33	12.357	1587	1593	1597	rBV	42659	69062	0.59%	0.039%
34	13.151	1724	1728	1733	rVB2	59804	82428	0.71%	0.047%
35	13.498	1777	1787	1794	rBV5	27772	75273	0.65%	0.043%
36	13.645	1806	1812	1816	rVV	67988	122548	1.05%	0.070%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BH644

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	13.739	1822	1828	1834	rVV	3252015	4526270	38.83%	2.589%
38	13.875	1844	1851	1855	rVV4	35231	77191	0.66%	0.044%
39	14.016	1864	1875	1891	rBV2	3760525	6460851	55.43%	3.695%
40	14.322	1917	1927	1934	rBV	4452330	6620306	56.79%	3.786%
41	14.386	1934	1938	1946	rVB	102475	178845	1.53%	0.102%
42	14.522	1954	1961	1972	rBV	1270752	2184971	18.74%	1.250%
43	14.681	1983	1988	1992	rBV	213489	305275	2.62%	0.175%
44	14.722	1992	1995	2004	rVB	108834	199881	1.71%	0.114%
45	14.939	2025	2032	2037	rBV6	49975	119684	1.03%	0.068%
46	15.116	2055	2062	2070	rBV7	50858	150789	1.29%	0.086%
47	15.186	2070	2074	2081	rVB2	56957	88907	0.76%	0.051%
48	15.316	2090	2096	2102	rBV	4622736	6778086	58.15%	3.876%
49	15.369	2102	2105	2110	rVV2	128263	189070	1.62%	0.108%
50	15.433	2111	2116	2124	rVV	954703	1298892	11.14%	0.743%
51	15.669	2151	2156	2162	rBV	72901	115402	0.99%	0.066%
52	15.816	2177	2181	2188	rVB2	72053	151597	1.30%	0.087%
53	16.045	2216	2220	2228	rBV5	130251	261537	2.24%	0.150%
54	16.422	2281	2284	2290	rVB2	52567	68806	0.59%	0.039%
55	16.604	2312	2315	2318	rBV2	56340	71345	0.61%	0.041%
56	16.645	2319	2322	2326	rVB	74947	89023	0.76%	0.051%
57	16.722	2331	2335	2343	rVB	235275	353789	3.04%	0.202%
58	16.798	2344	2348	2350	rBV	79711	117975	1.01%	0.067%
59	16.886	2359	2363	2373	rVB	214508	332672	2.85%	0.190%
60	17.069	2388	2394	2398	rBV	4990557	7169807	61.51%	4.101%
61	17.110	2398	2401	2406	rVV	3491161	4754727	40.79%	2.719%
62	17.169	2406	2411	2415	rVV	4599118	6823149	58.53%	3.902%
63	17.198	2415	2416	2422	rVV	905321	949871	8.15%	0.543%
64	17.257	2422	2426	2432	rVB4	124148	219091	1.88%	0.125%
65	17.469	2454	2462	2467	rBV2	449789	846422	7.26%	0.484%
66	17.586	2478	2482	2486	rBV2	119138	204440	1.75%	0.117%
67	17.645	2489	2492	2499	rVB2	135214	196231	1.68%	0.112%
68	17.945	2538	2543	2545	rBV	679575	1012710	8.69%	0.579%
69	17.974	2545	2548	2556	rVV2	1718964	3417399	29.32%	1.954%
70	18.045	2557	2560	2562	rVV	333241	466435	4.00%	0.267%
71	18.069	2562	2564	2569	rVV	348872	511313	4.39%	0.292%
72	18.133	2570	2575	2579	rVV2	968534	1846350	15.84%	1.056%
73	18.174	2579	2582	2588	rVB	578410	821639	7.05%	0.470%
74	18.445	2625	2628	2632	rBV	506723	688909	5.91%	0.394%
75	18.486	2632	2635	2640	rVB	600863	829084	7.11%	0.474%
76	18.692	2667	2670	2674	rVB2	276512	348995	2.99%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

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
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Peak separation: 5

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

77	18.745	2676	2679	2682	rVV	242950	287245	2.46%	0.164%
78	18.780	2683	2685	2689	rVB	214671	252144	2.16%	0.144%
79	18.869	2695	2700	2704	rBV2	605067	951207	8.16%	0.544%
80	19.004	2719	2723	2732	rBV	559170	1064546	9.13%	0.609%
81	19.133	2739	2745	2751	rVB	8090927	11282416	96.79%	6.453%
82	19.257	2763	2766	2774	rVB2	723090	1160860	9.96%	0.664%
83	19.463	2796	2801	2804	rBV2	5547244	8862667	76.03%	5.069%
84	19.492	2804	2806	2815	rVV	7345069	9340116	80.13%	5.342%
85	19.563	2815	2818	2824	rVB2	415359	675972	5.80%	0.387%
86	19.674	2834	2837	2842	rVB	394174	512236	4.39%	0.293%
87	19.816	2857	2861	2867	rBV2	514111	1209715	10.38%	0.692%
88	19.986	2887	2890	2894	rVB	887599	1174134	10.07%	0.672%
89	20.145	2913	2917	2921	rVB2	778533	1108357	9.51%	0.634%
90	20.733	3014	3017	3025	rVB	1160330	1684265	14.45%	0.963%
91	20.951	3051	3054	3057	rBV2	766453	910938	7.81%	0.521%
92	20.992	3058	3061	3067	rVV3	1248606	1992216	17.09%	1.139%
93	21.051	3068	3071	3076	rVB	902022	1223106	10.49%	0.700%
94	21.292	3106	3112	3117	rBV3	5090179	11656666	100.00%	6.667%
95	21.345	3117	3121	3133	rVB	3562442	5807990	49.83%	3.322%
96	23.309	3449	3455	3463	rBV	2442628	7050797	60.49%	4.032%
97	23.968	3564	3567	3573	rVB	1004927	1723343	14.78%	0.986%
98	24.039	3574	3579	3584	rVV2	1615199	3632638	31.16%	2.078%
99	24.104	3585	3590	3603	rVB	2077588	5235516	44.91%	2.994%
100	24.245	3608	3614	3621	rBV2	1647437	3727924	31.98%	2.132%

Sum of corrected areas: 174851484

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
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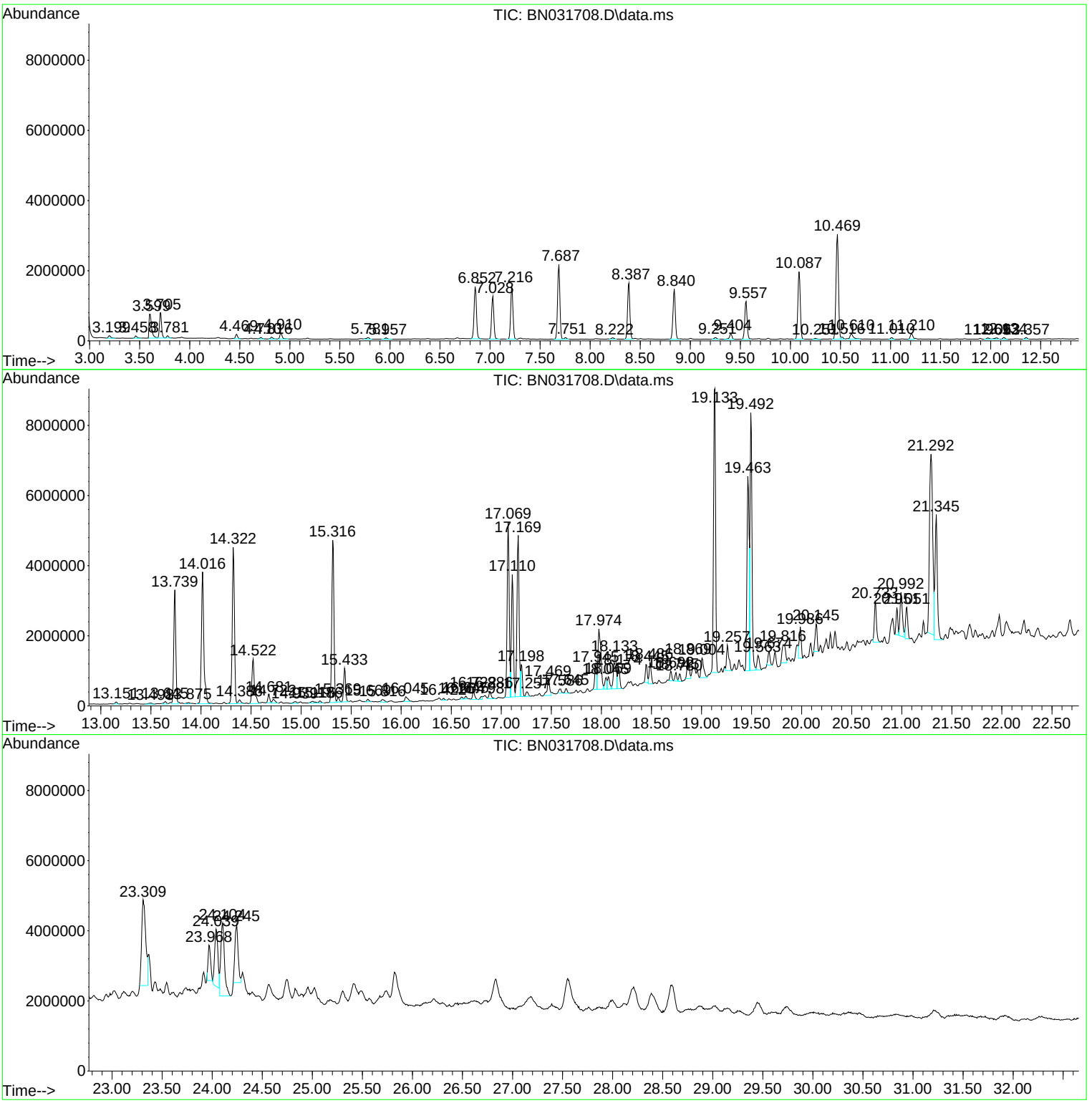
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

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\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

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

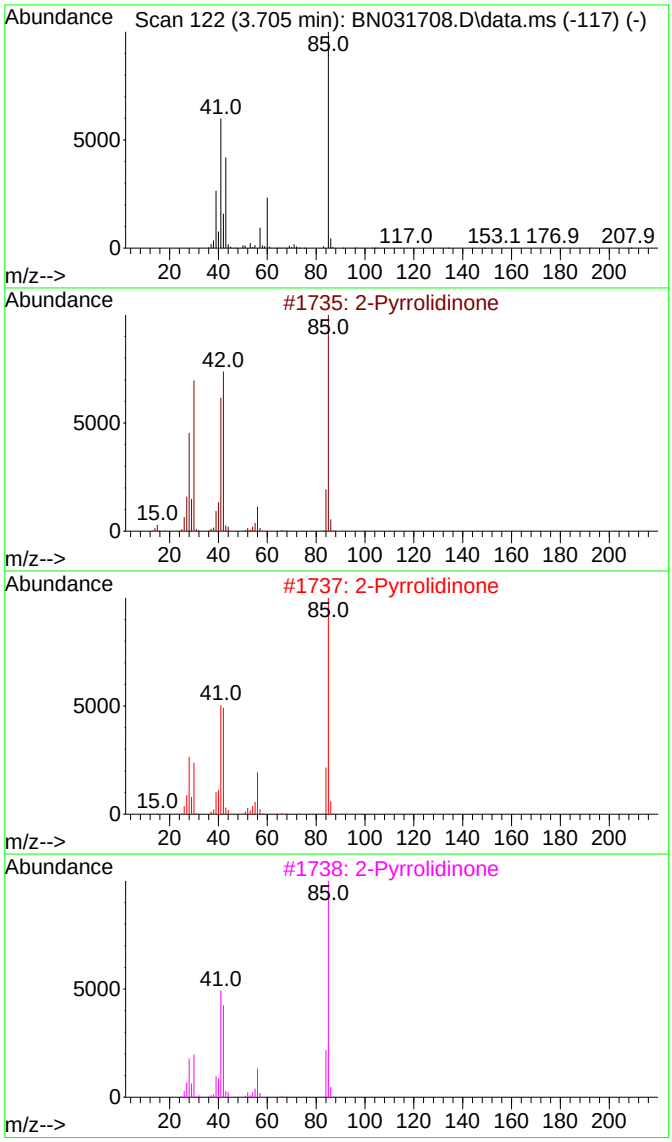
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

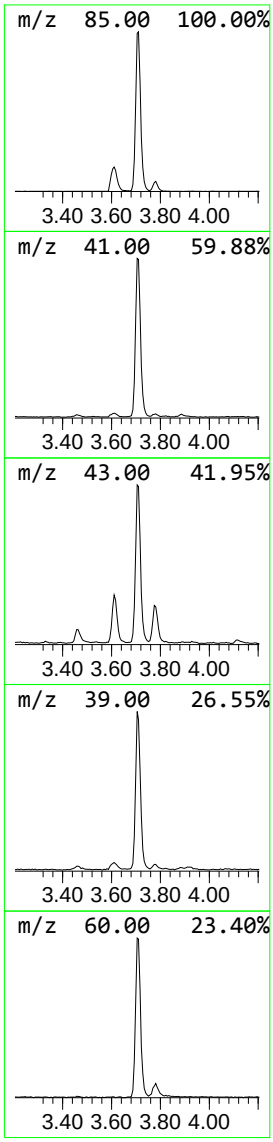
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.705	6.28 ng/ul	1057070	1,4-Dichlorobenzene-d4	7.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
4	Thiazole	85	C3H3NS	000288-47-1	5
5	3H-1,2,4-Triazol-3-one, 1,2-dihy...	85	C2H3N3O	000930-33-6	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

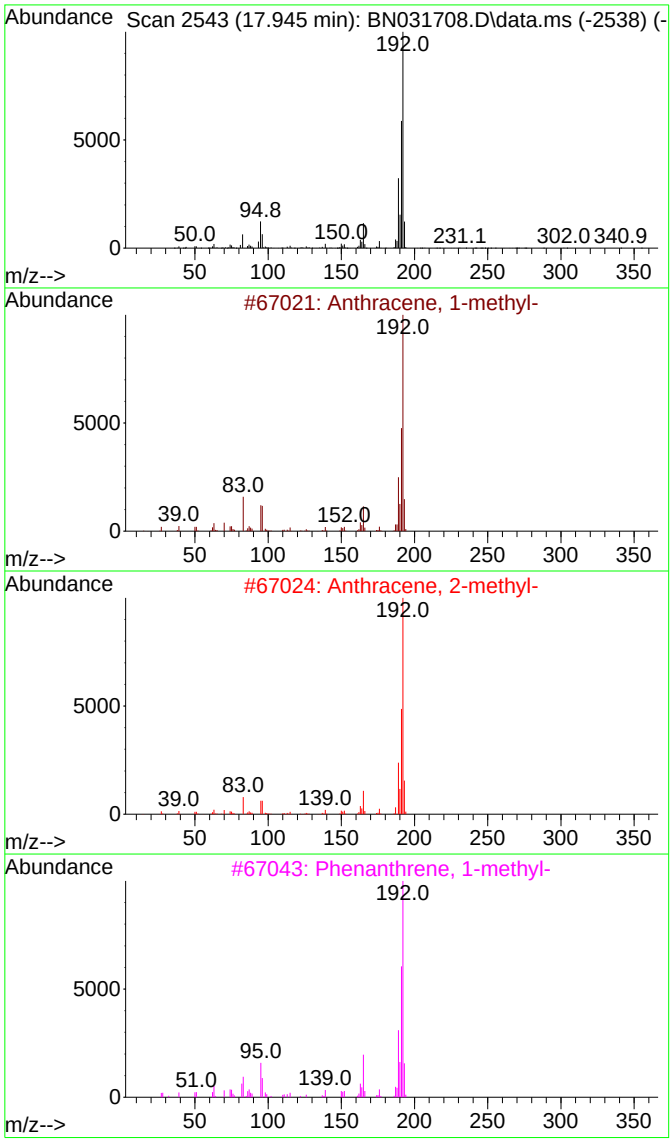
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

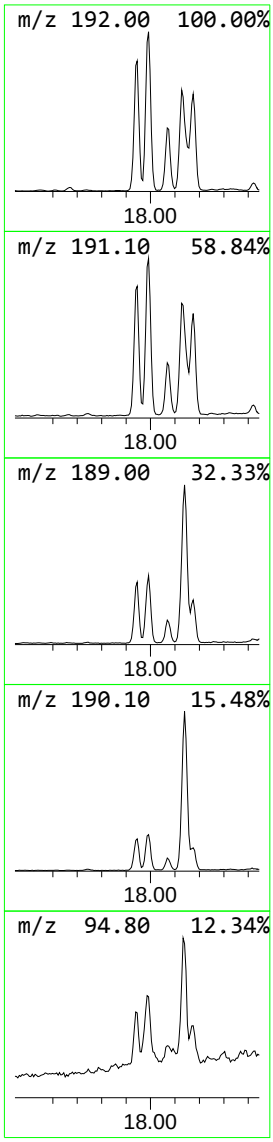
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	2.82 ng/ul	1012710	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

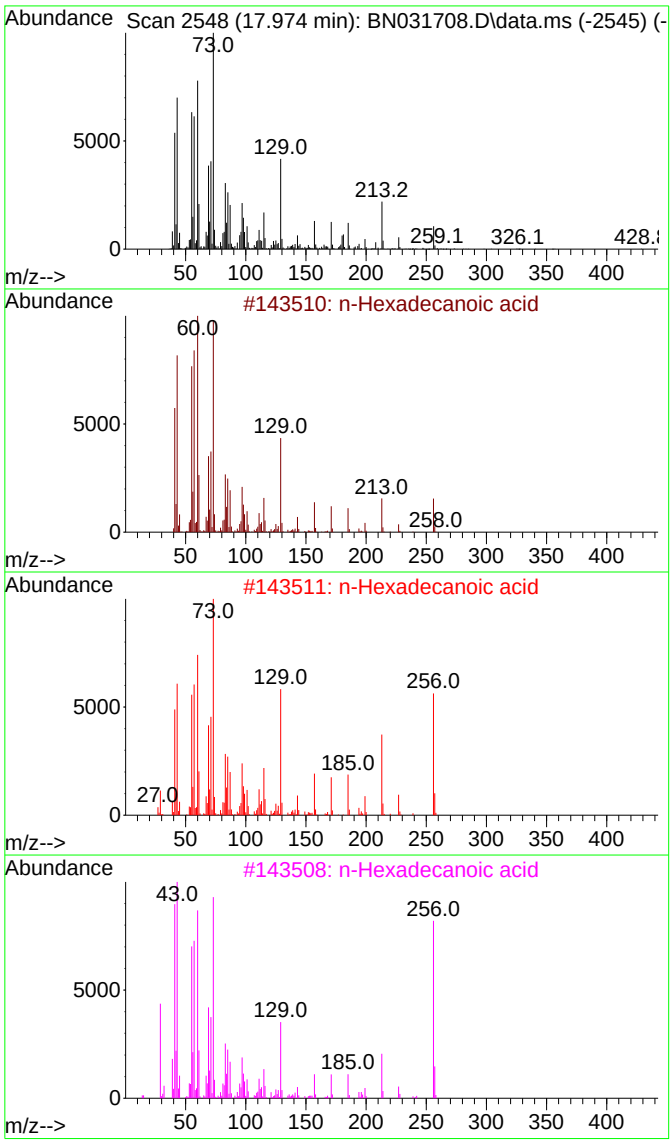
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

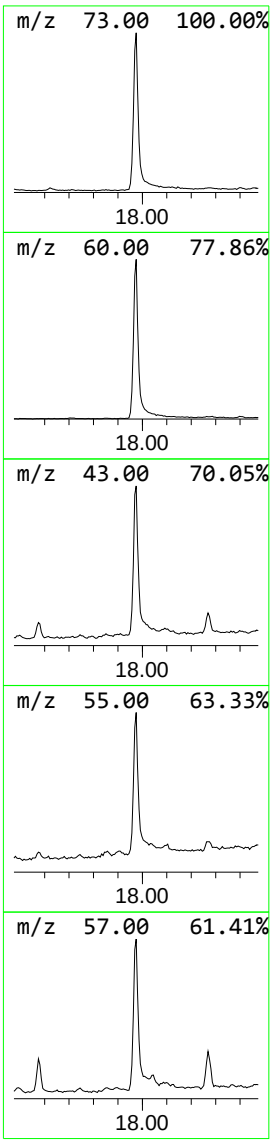
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	9.53 ng/ul	3417400	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
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Misc :
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Instrument :
BNA_N
ClientSampleId :
BH644

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

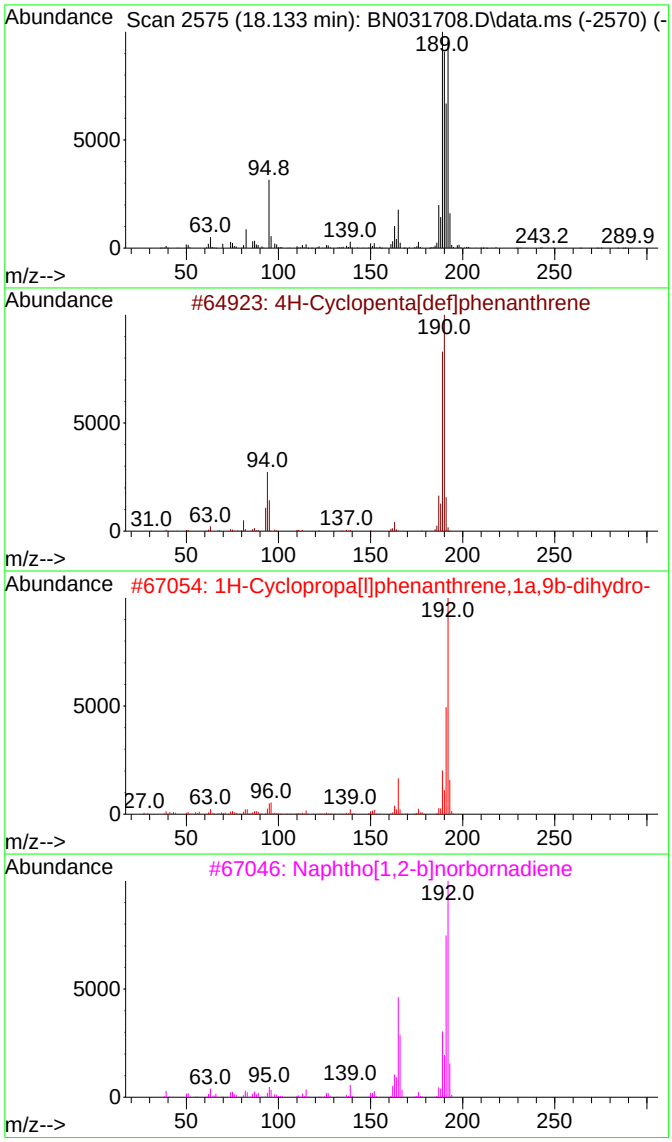
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

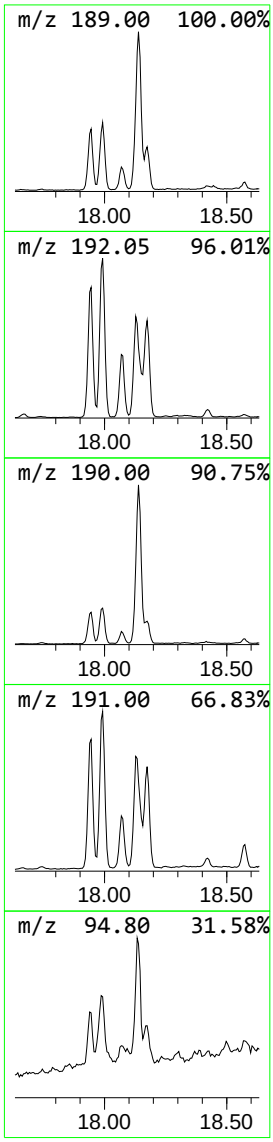
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	5.15 ng/ul	1846350	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

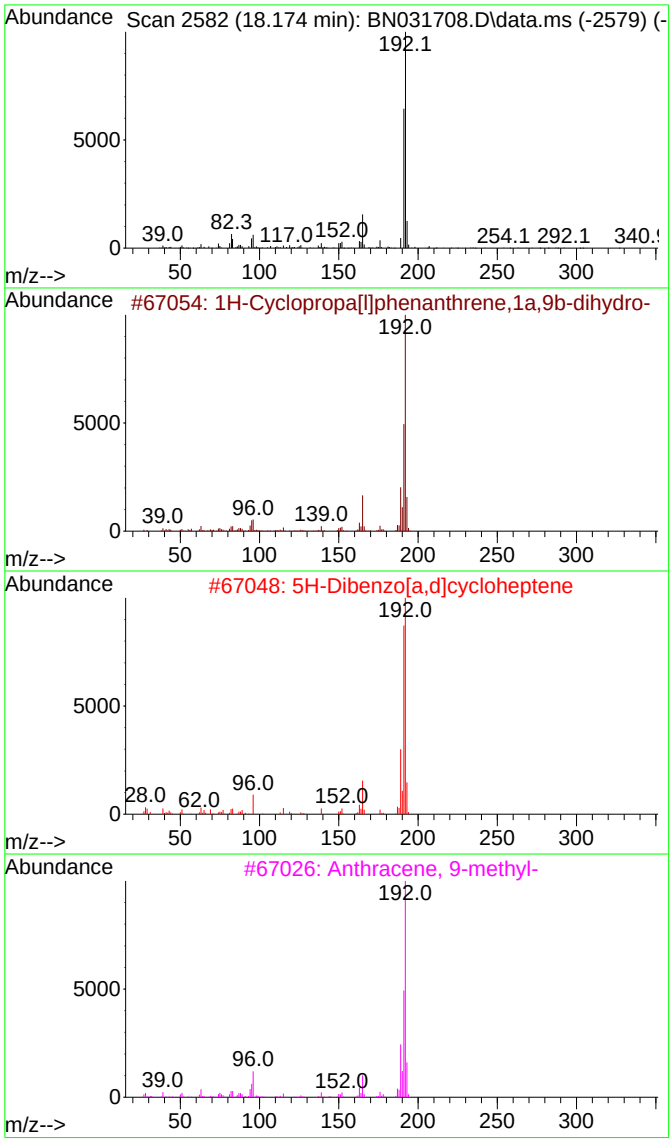
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

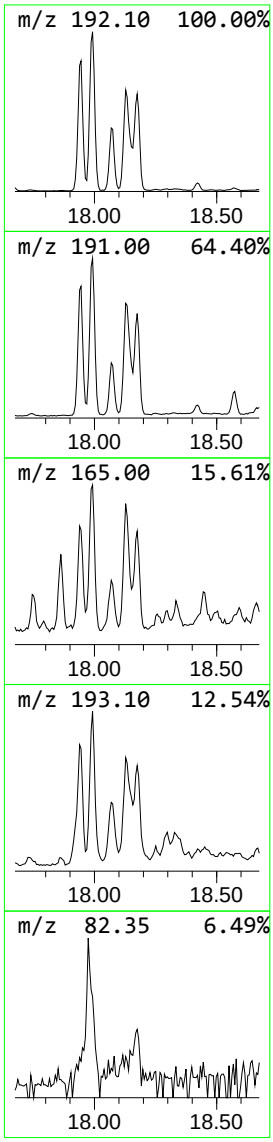
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	2.29 ng/ul	821639	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

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

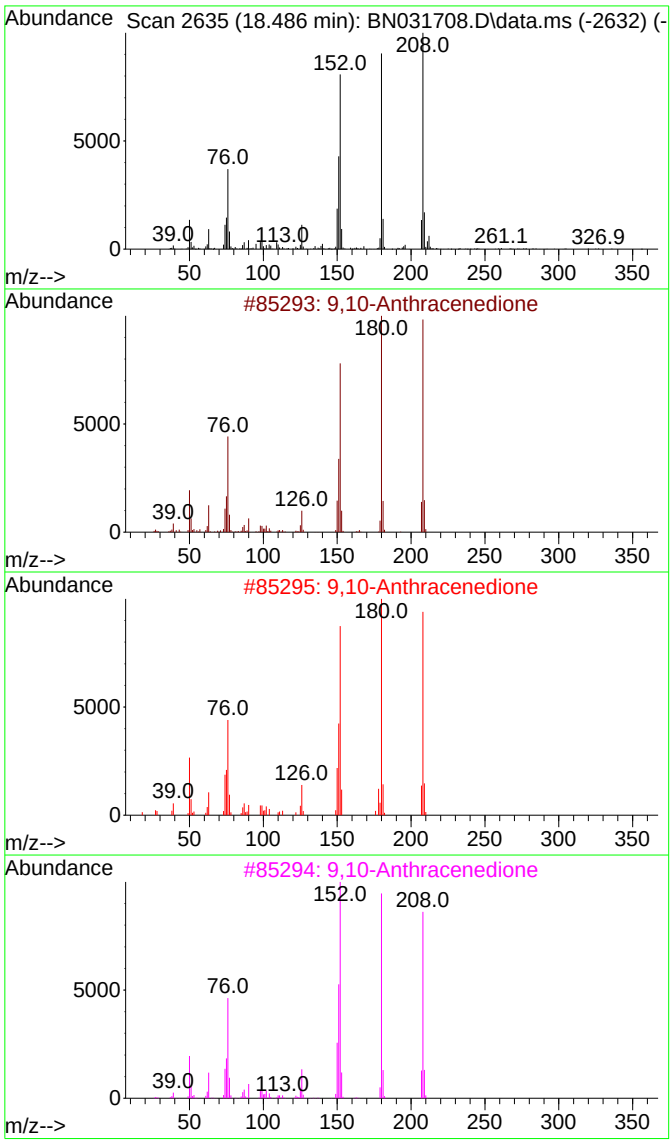
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

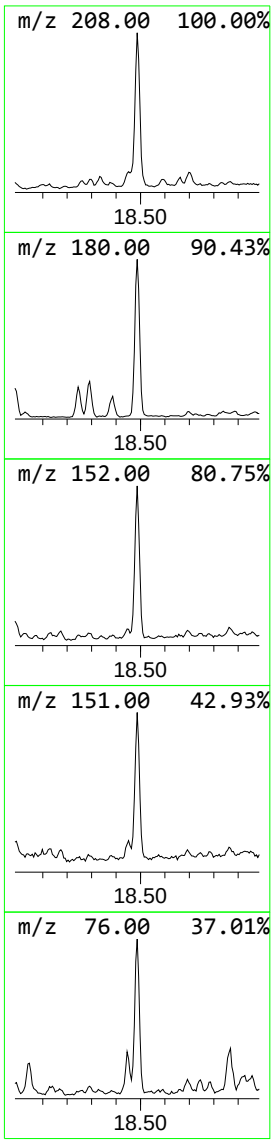
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	2.31 ng/ul	829084	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

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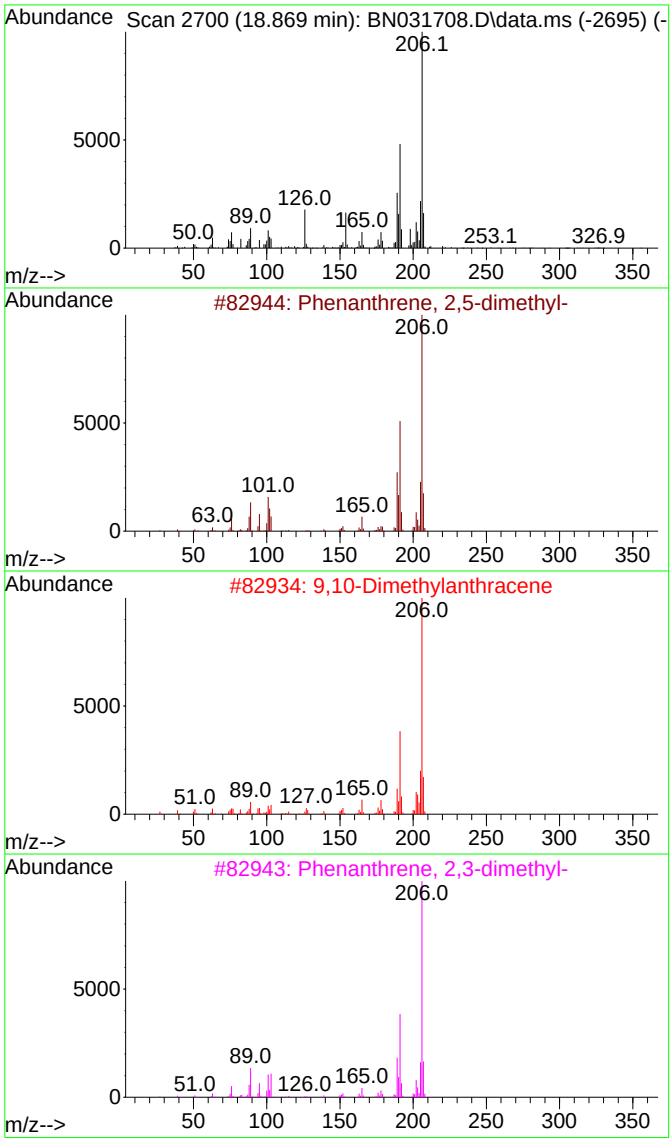
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

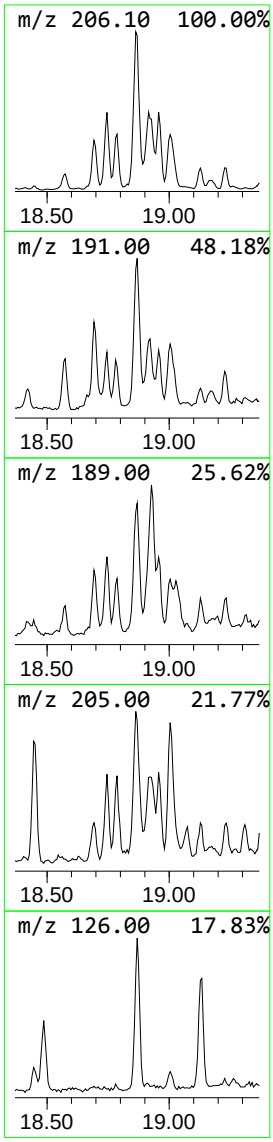
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.65 ng/ul	951207	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

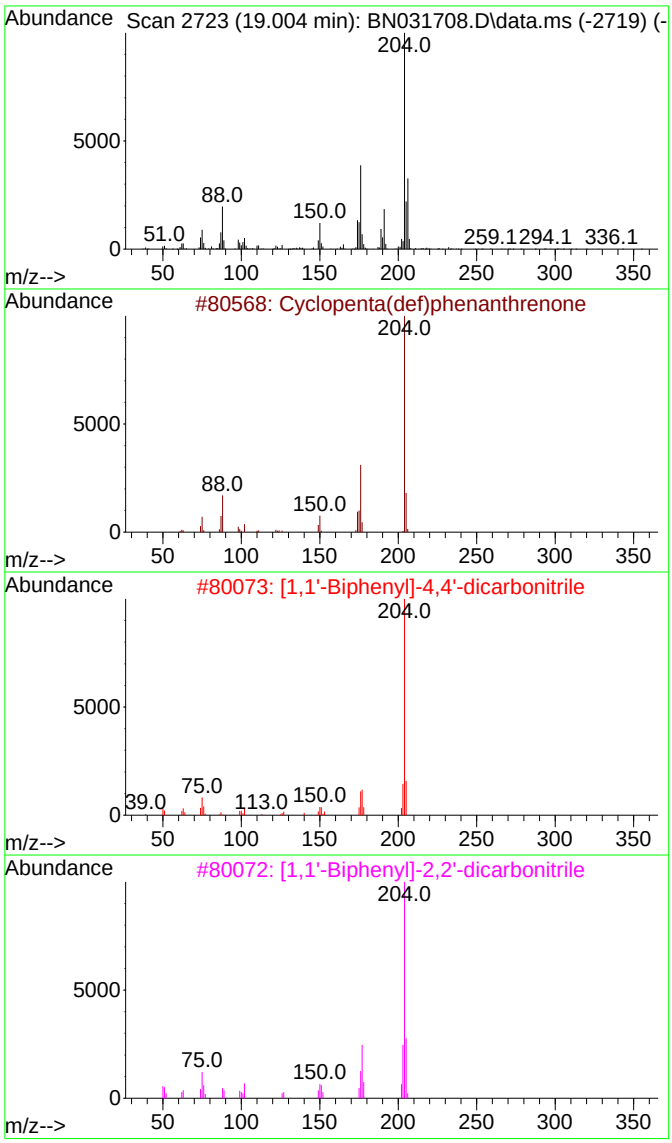
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

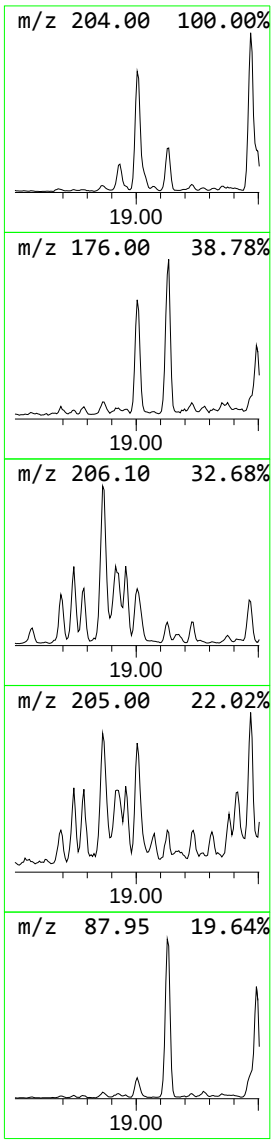
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	2.97 ng/ul	1064550	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38





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Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

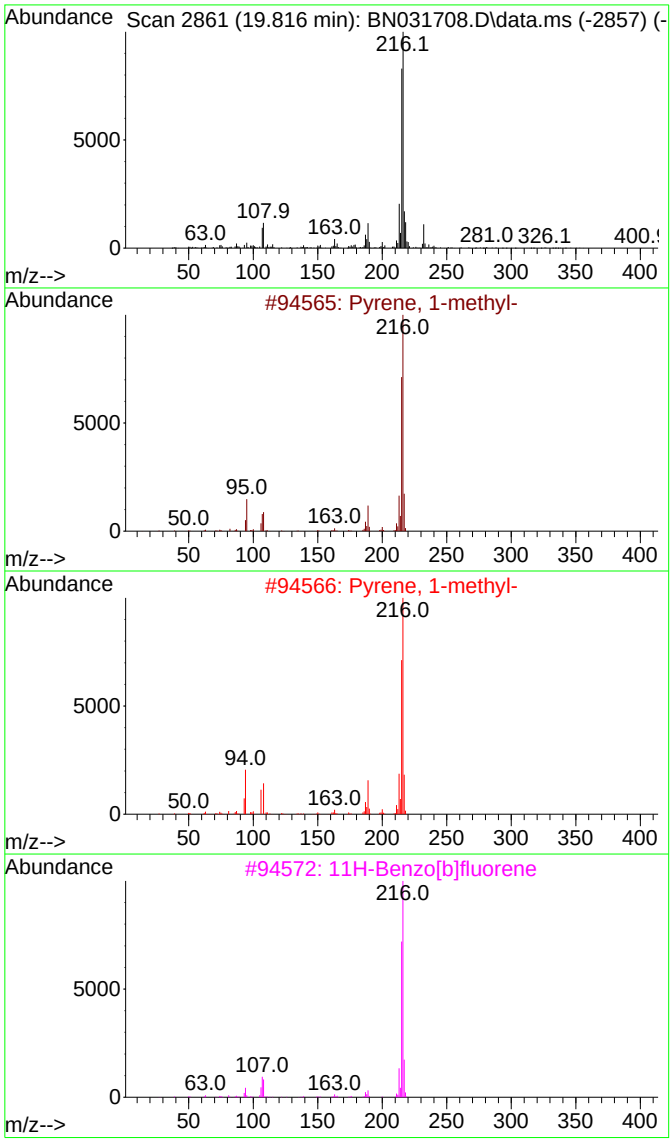
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

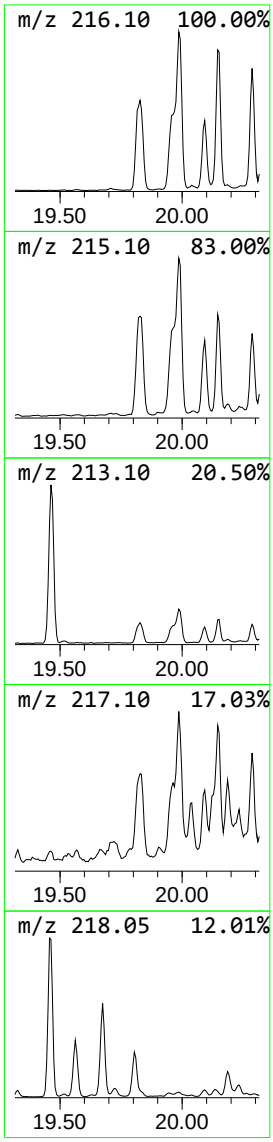
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	2.08 ng/ul	1209720	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

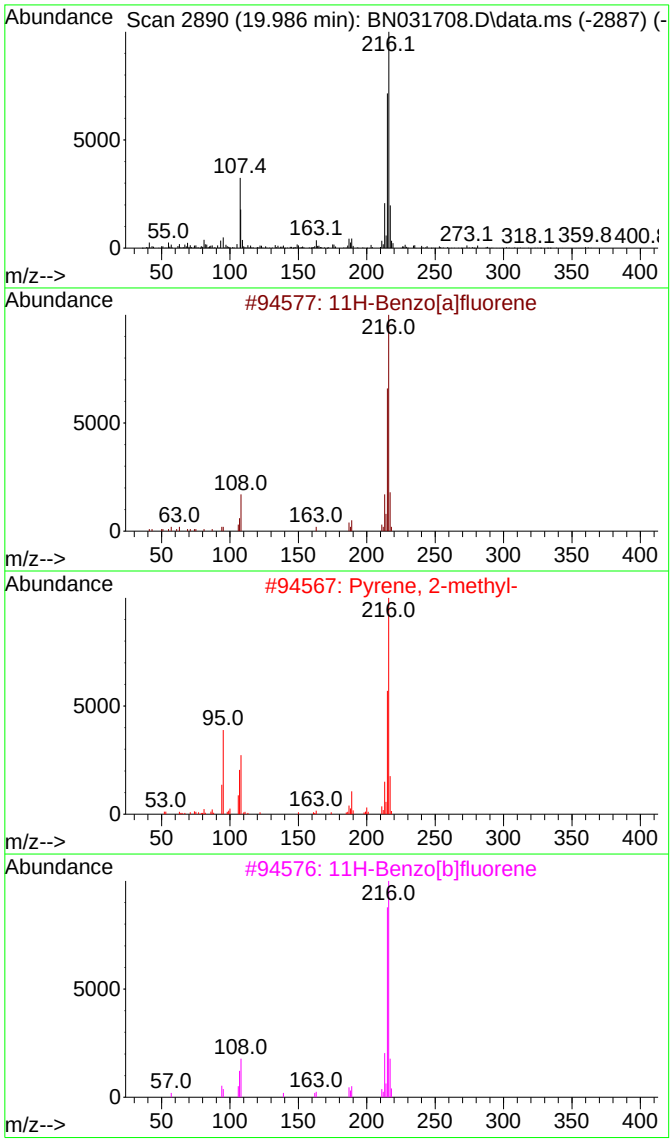
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

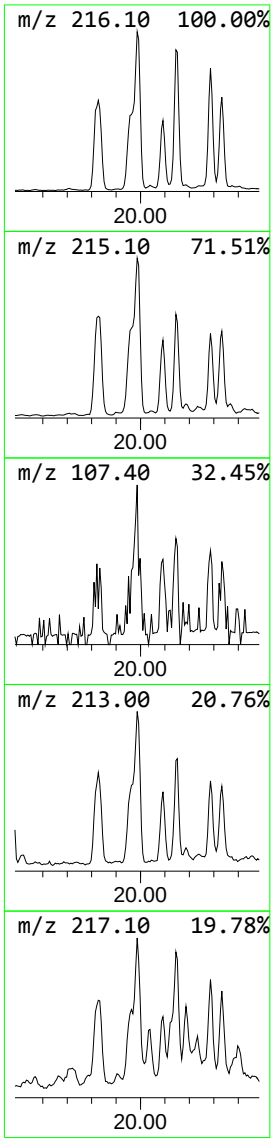
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	2.01 ng/ul	1174130	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

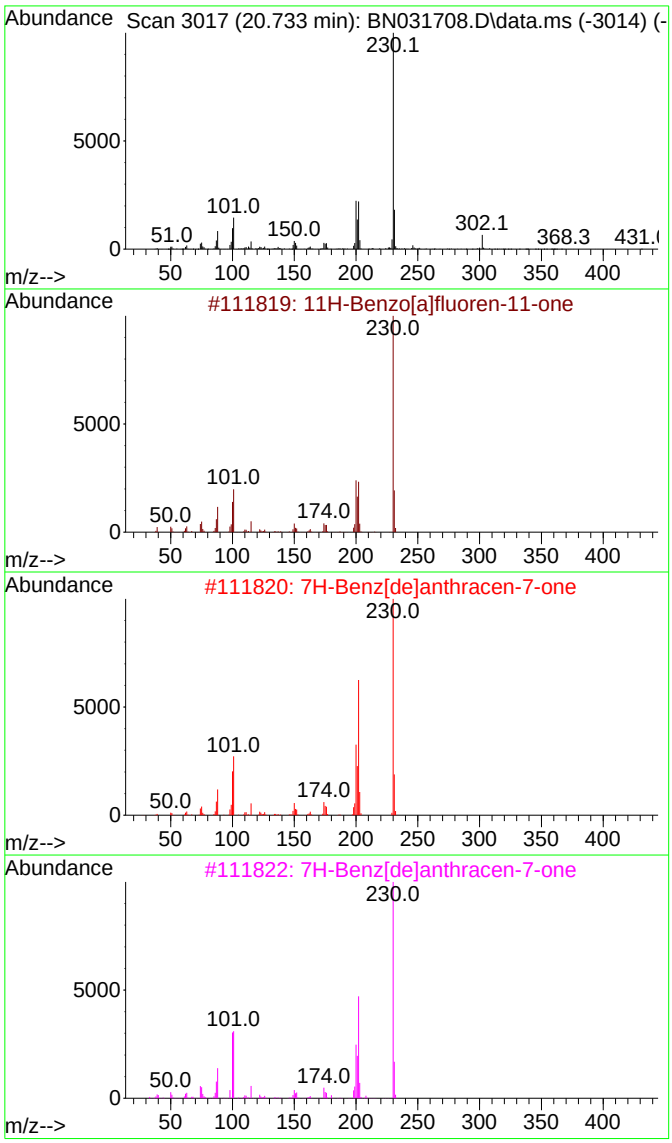
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

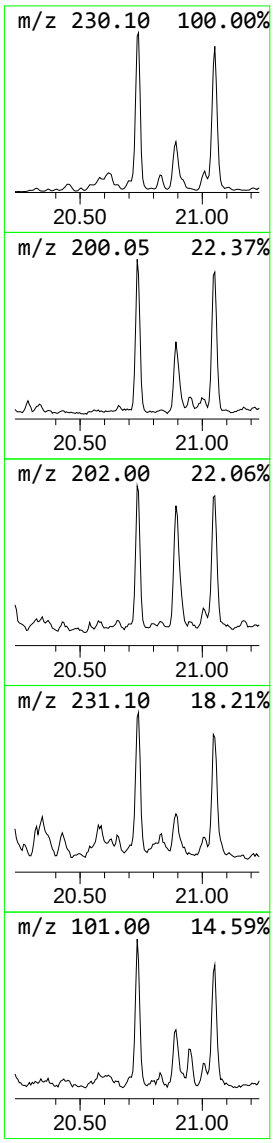
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	2.89 ng/ul	1684270	Chrysene-d12	21.298

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	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

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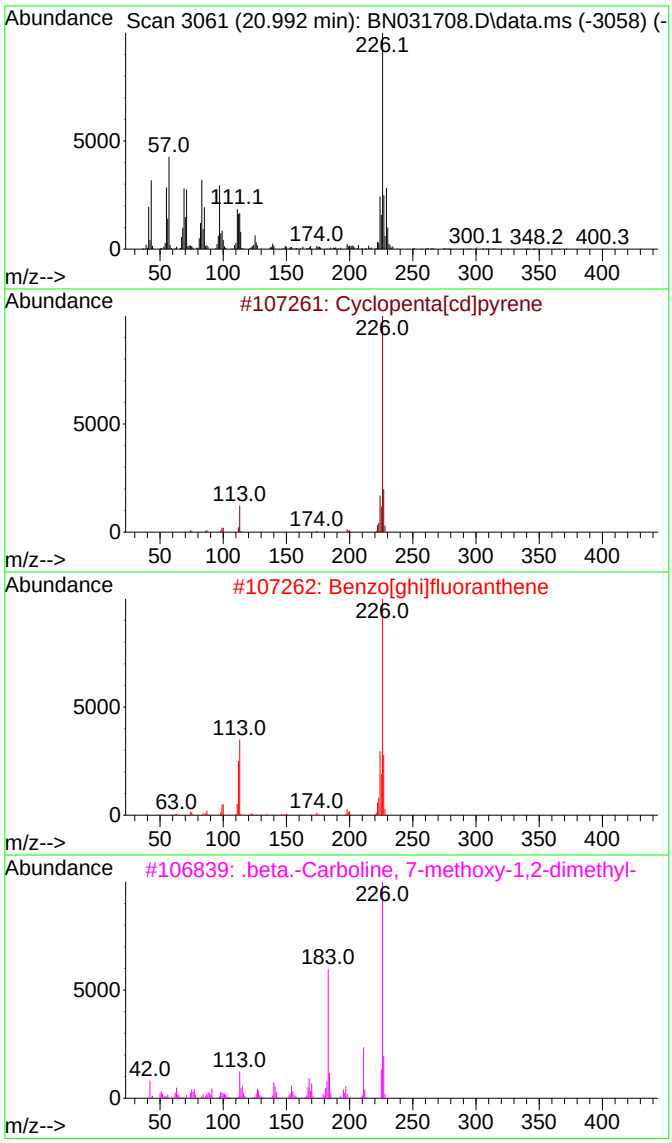
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

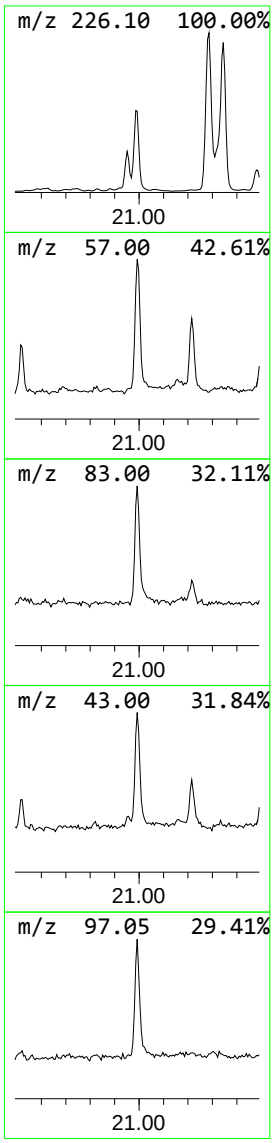
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.42 ng/ul	1992220	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	37
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	37





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Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH644

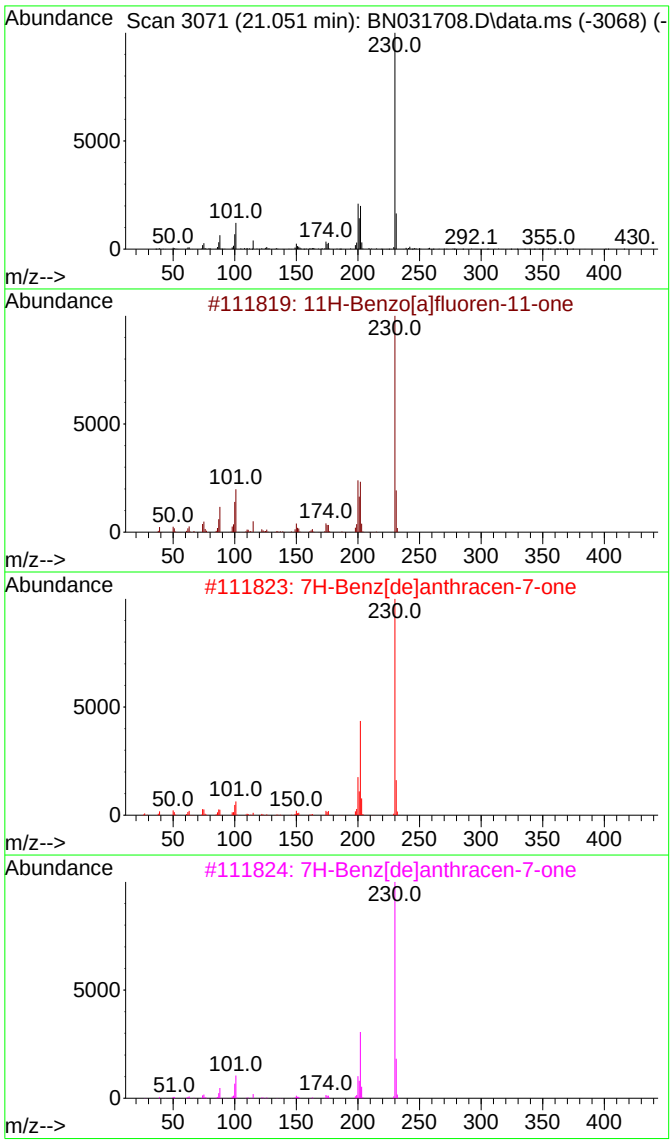
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

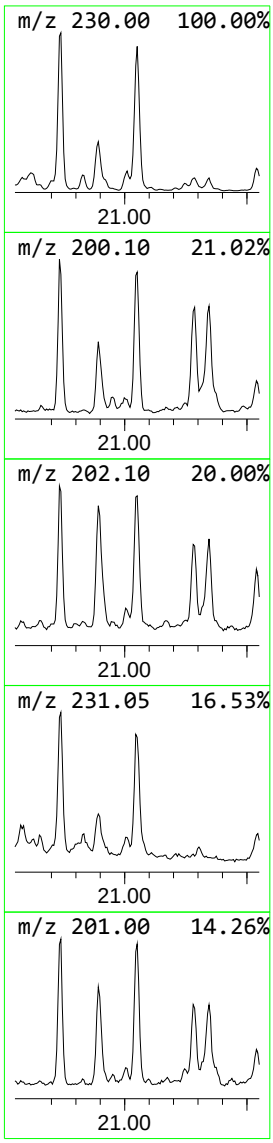
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.10 ng/ul	1223110	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





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Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 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

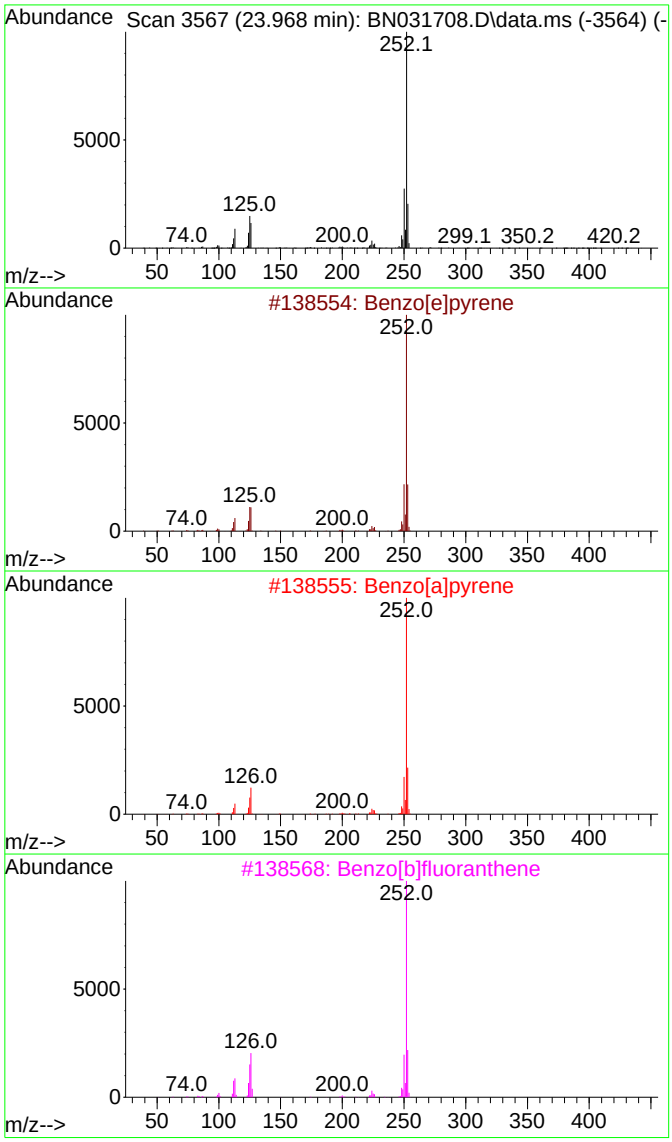
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

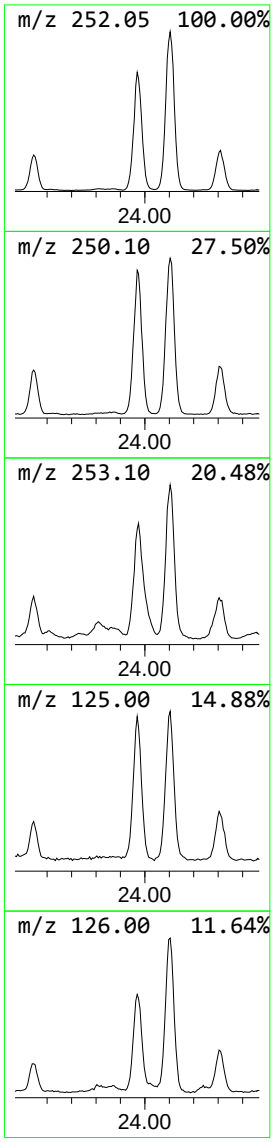
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	9.25 ng/ul	1723340	Perylene-d12	24.245

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
Misc :
ALS Vial : 19 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

					--Internal Standard---			
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unknown-01	3.705	6.3	ng/ul	1057070	1	7.687	3367860	20.0
Anthracene, 1-m...	17.945	2.8	ng/ul	1012710	4	17.069	7169810	20.0
n-Hexadecanoic ...	17.974	9.5	ng/ul	3417400	4	17.069	7169810	20.0
unknown-02	18.133	5.2	ng/ul	1846350	4	17.069	7169810	20.0
1H-Cyclopropa[l...	18.174	2.3	ng/ul	821639	4	17.069	7169810	20.0
9,10-Anthracene...	18.486	2.3	ng/ul	829084	4	17.069	7169810	20.0
Phenanthrene, 2...	18.869	2.6	ng/ul	951207	4	17.069	7169810	20.0
Cyclopenta(def)...	19.004	3.0	ng/ul	1064550	4	17.069	7169810	20.0
Pyrene, 1-methyl-	19.816	2.1	ng/ul	1209720	5	21.298	11656700	20.0
11H-Benzo[a]flu...	19.986	2.0	ng/ul	1174130	5	21.298	11656700	20.0
11H-Benzo[a]flu...	20.733	2.9	ng/ul	1684270	5	21.298	11656700	20.0
Cyclopenta[cd]p...	20.992	3.4	ng/ul	1992220	5	21.298	11656700	20.0
7H-Benz[de]anth...	21.051	2.1	ng/ul	1223110	5	21.298	11656700	20.0
Benzo[e]pyrene	23.968	9.3	ng/ul	1723340	6	24.245	3727920	20.0