LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

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: BN031922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.587	99	102	115	rBV	212920	376237	2.03%	0.163%
2	6.834	643	654	670	rBV	1013000	1713817	9.24%	0.742%
3	7.005	676	683	693	rBV	873272	1405457	7.57%	0.609%
4	7.193	708	715	724	rBV	1083118	1731179	9.33%	0.750%
5	7.657	783	794	802	rBV	1273906	2067285	11.14%	0.895%
6	8.369	907	915	924	rBV	1319926	2209599	11.91%	0.957%
7	8.816	984	991	998	rBV	1099179	1777433	9.58%	0.770%
8	9.534	1104	1113	1124	rBV	875848	1485905	8.01%	0.643%
9	10.069	1196	1204	1215	rBV	1301349	2280525	12.29%	0.987%
10	10.440	1259	1267	1274	rBV	1932565	3323951	17.91%	1.439%
11	10.587	1282	1292	1310	rBV	665173	1327858	7.16%	0.575%
12	11.187	1387	1394	1407	rVV	202416	453691	2.45%	0.196%
13	13.622	1802	1808	1813	rBV	132110	236575	1.28%	0.102%
14	13.722	1819	1825	1830	rBV	2405464	3438702	18.53%	1.489%
15	13.998	1861	1872	1890	rBV2	2911523	5467351	29.47%	2.367%
16	14.304	1914	1924	1930	rBV	3078214	4660334	25.12%	2.018%
17	14.369	1930	1935	1943	rVB	195799	320678	1.73%	0.139%
18	14.522	1954	1961	1969	rBV2	779484	1439202	7.76%	0.623%
19	14.704	1989	1992	2000	rVV	175464	304886	1.64%	0.132%
20	14.922	2022	2029	2034	rBV3	115140	243697	1.31%	0.106%
21	15.298	2087	2093	2099	rVV	3725108	5425966	29.24%	2.349%
22	15.357	2099	2103	2110	rVB	318984	499043	2.69%	0.216%
23	15.428	2110	2115	2121	rBV	930205	1314798	7.09%	0.569%
24	15.651	2148	2153	2160	rBV	145974	237259	1.28%	0.103%
25	15.798	2169	2178	2186	rVB3	141625	350416	1.89%	0.152%
26	16.016	2209	2215	2225	rBV3	317131	778583	4.20%	0.337%
27	16.357	2264	2273	2278	rBV4	175328	420479	2.27%	0.182%
28	16.586	2305	2312	2316	rBV2	150003	272272	1.47%	0.118%
29	16.710	2328	2333	2340	rVB	387041	576608	3.11%	0.250%
30	16.869	2356	2360	2368	rVB	336448	539511	2.91%	0.234%
31	17.057	2385	2392	2395	rVV	3617441	5555037	29.94%	2.405%
32	17.098	2395	2399	2404	rVV	6575415	9363794	50.47%	4.054%
33	17.151	2404	2408	2412	rVV	3933937	5926424	31.94%	2.566%
34	17.186	2412	2414	2419	rVV	1040461	1228274	6.62%	0.532%
35	17.245	2419	2424	2429	rVV3	181624	344781	1.86%	0.149%
36	17.463	2452	2461	2472	rBV2	543514	1132658	6.10%	0.490%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	17.575	2474	2480	2485	rVV2	219782	362946	1.96%	0.157%
38	17.633	2486	2490	2498	rVB4	325303	520359	2.80%	0.225%
39	17.775	2510	2514	2521	rVB	140155	255047	1.37%	0.110%
40	17.928	2535	2540	2543	rVV	1450957	2089567	11.26%	0.905%
41	17.975	2543	2548	2554	rVV2	2033491	3712141	20.01%	1.607%
42	18.057	2558	2562	2567	rVV	329573	452387	2.44%	0.196%
43	18.122	2567	2573	2577	rVV2	1948211	3486091	18.79%	1.509%
44	18.163	2577	2580	2588	rVB	1048754	1374959	7.41%	0.595%
45	18.245	2590	2594	2597	rBV3	189598	275336	1.48%	0.119%
46	18.322	2604	2607	2612	rVB3	178869	263013	1.42%	0.114%
47	18.433	2621	2626	2630	rVV	945325	1258903	6.78%	0.545%
48	18.480	2630	2634	2640	rVB	1219647	1640976	8.84%	0.711%
49	18.680	2665	2668	2672	rVV	426364	602865	3.25%	0.261%
50	18.727	2672	2676	2680	rVV	565613	843239	4.54%	0.365%
51	18.769	2680	2683	2687	rVB	417630	539501	2.91%	0.234%
52	18.851	2692	2697	2702	rBV	1203523	2093587	11.28%	0.906%
53	18.910	2702	2707	2711	rVV2	477631	932748	5.03%	0.404%
54	18.945	2711	2713	2717	rVB	421434	445510	2.40%	0.193%
55	18.998	2717	2722	2728	rBV2	973644	1899030	10.23%	0.822%
56	19.122	2735	2743	2749	rVB	12570469	18554640	100.00%	8.034%
57	19.186	2750	2754	2756	rVV	309443	395380	2.13%	0.171%
58	19.216	2756	2759	2762	rVV2	412286	619803	3.34%	0.268%
59	19.269	2765	2768	2772	rVV	473652	676100	3.64%	0.293%
60	19.322	2772	2777	2780	rVV2	429558	722889	3.90%	0.313%
61	19.363	2780	2784	2787	rVV	484864	769955	4.15%	0.333%
62	19.392	2787	2789	2794	rVV3	259993	389312	2.10%	0.169%
63	19.457	2794	2800	2802	rVV2	5476237	8990575	48.45%	3.893%
64	19.486	2802	2805	2812	rVV	10295733	13991028	75.40%	6.058%
65	19.557	2812	2817	2823	rVB2	865207	1298524	7.00%	0.562%
66	19.663	2831	2835	2840	rVB	607953	926240	4.99%	0.401%
67	19.722	2841	2845	2851	rVB2	488547	792592	4.27%	0.343%
68	19.804	2853	2859	2869	rBV2	1104433	2988707	16.11%	1.294%
69	19.945	2878	2883	2885	rVV4	877144	1561007	8.41%	0.676%
70	19.980	2885	2889	2896	rVB	1949088	2913163	15.70%	1.261%
71	20.080	2902	2906	2910	rBV	1116966	1414726	7.62%	0.613%
72	20.139	2910	2916	2920	rVV2	1492724	2303495	12.41%	0.997%
73	20.180	2920	2923	2926	rVB2	254669	310390	1.67%	0.134%
74	20.222	2927	2930	2935	rBV3	197008	352987	1.90%	0.153%
75	20.280	2936	2940	2943	rVV	893450	1085746	5.85%	0.470%
76	20.322	2943	2947	2951	rVB2	875836	1175974	6.34%	0.509%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	20.392	2956	2959	2963	rVB	586128	634884	3.42%	0.275%
78	20.498	2974	2977	2980	rBV2	247920	308782	1.66%	0.134%
79	20.727	3012	3016	3023	rVB	1351579	2017974	10.88%	0.874%
80	20.898	3038	3045	3049	rBV3	1192340	2385811	12.86%	1.033%
81	20.939	3049	3052	3055	rVV	1156038	1476356	7.96%	0.639%
82	20.980	3055	3059	3065	rVV2	1906684	3378800	18.21%	1.463%
83	21.045	3065	3070	3076	rVB2	1229336	2015539	10.86%	0.873%
84	21.198	3092	3096	3100	rVB	1706386	2057179	11.09%	0.891%
85	21.280	3104	3110	3116	rVV3	6513173	15237521	82.12%	6.597%
86	21.333	3116	3119	3130	rVB	5495840	8382705	45.18%	3.629%
87	21.474	3139	3143	3149	rBV2	648443	1159536	6.25%	0.502%
88	21.533	3150	3153	3160	rVV3	358574	689421	3.72%	0.299%
89	21.663	3171	3175	3181	rVB3	238521	540532	2.91%	0.234%
90	21.963	3218	3226	3231	rVB	961539	1903149	10.26%	0.824%
91	22.033	3233	3238	3243	rBV3	849384	1550674	8.36%	0.671%
92	22.210	3264	3268	3271	rBV	505753	739762	3.99%	0.320%
93	23.298	3445	3453	3460	rBV	3314860	10346597	55.76%	4.480%
94	23.527	3487	3492	3500	rVB2	585481	1219244	6.57%	0.528%
95	23.951	3558	3564	3569	rBV2	723270	1673314	9.02%	0.725%
96	24.021	3570	3576	3581	rVV	1150286	2652829	14.30%	1.149%
97	24.080	3581	3586	3600	rVB	1794183	4413659	23.79%	1.911%
98	24.221	3602	3610	3618	rBV	1731886	4603633	24.81%	1.993%
99	25.245	3779	3784	3796	rVB2	565733	1594333	8.59%	0.690%
100	27.521	4162	4171	4190	rVB3	993987	4466504	24.07%	1.934%

Sum of corrected areas: 230960441

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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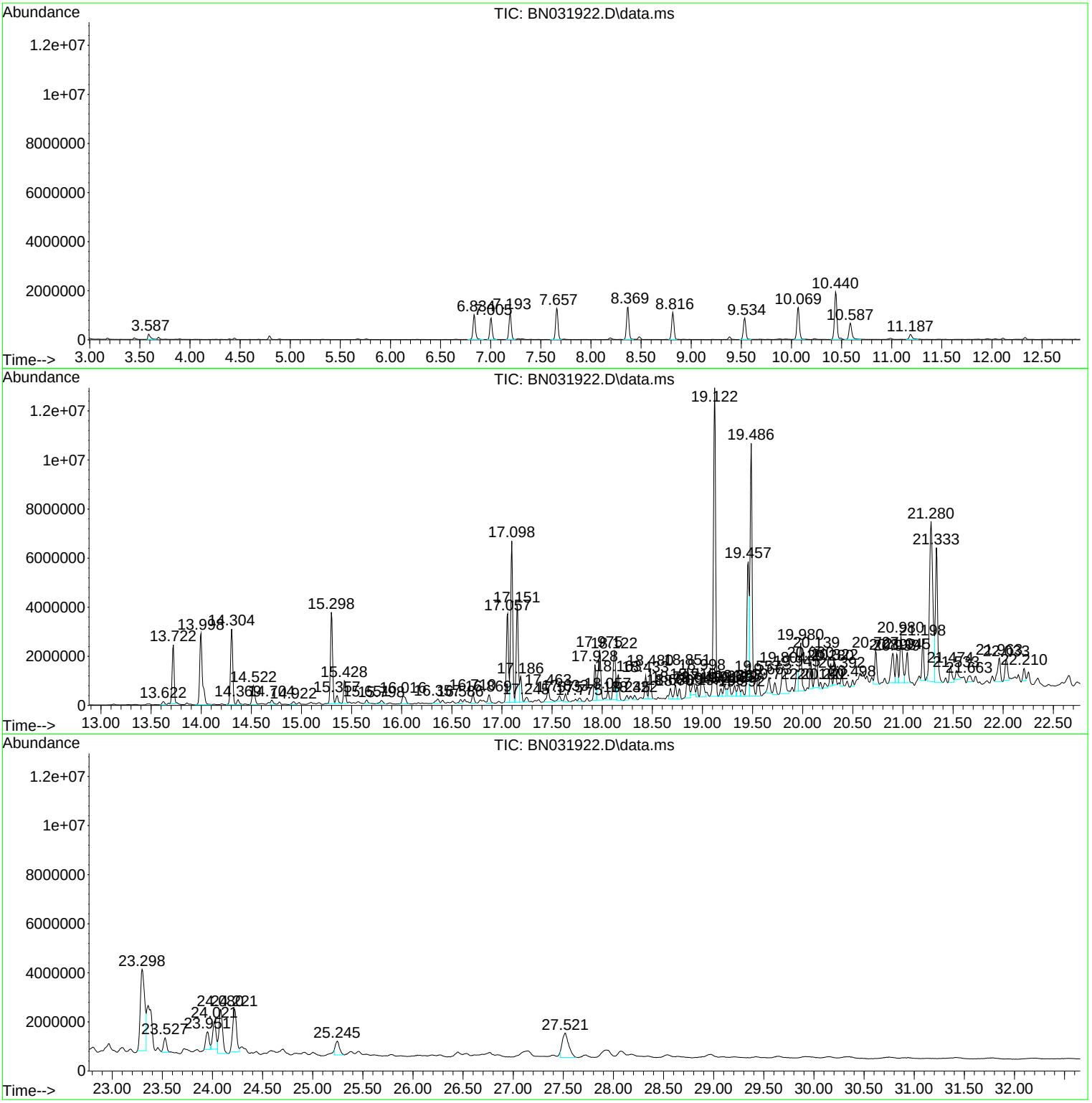
ClientSampleId :
BHC29

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\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

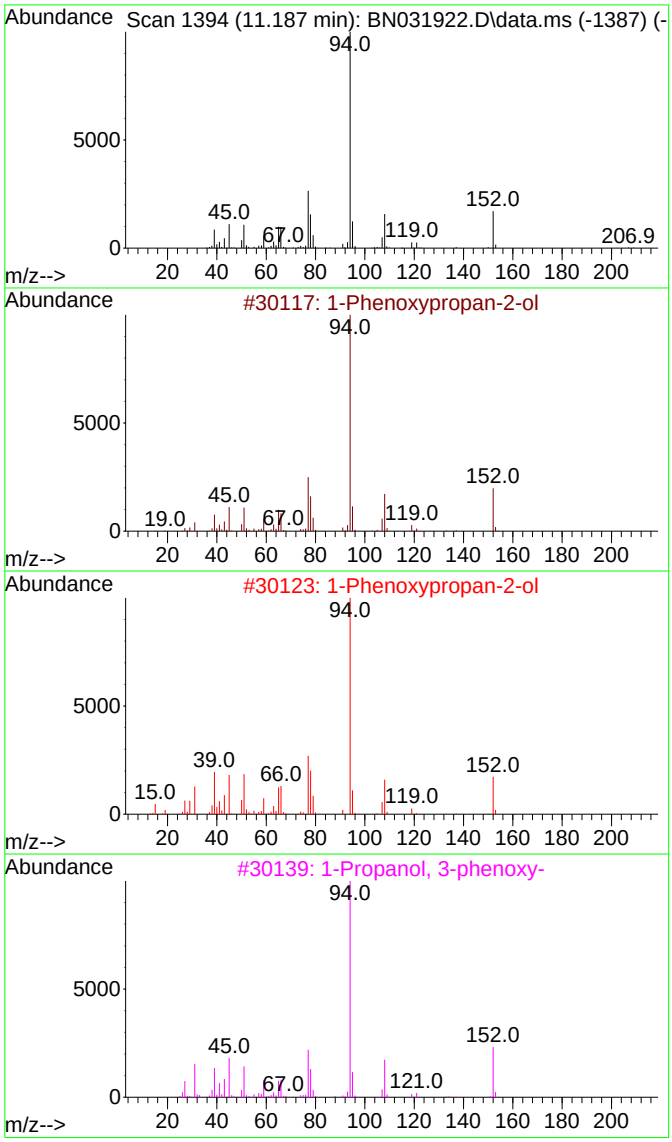
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

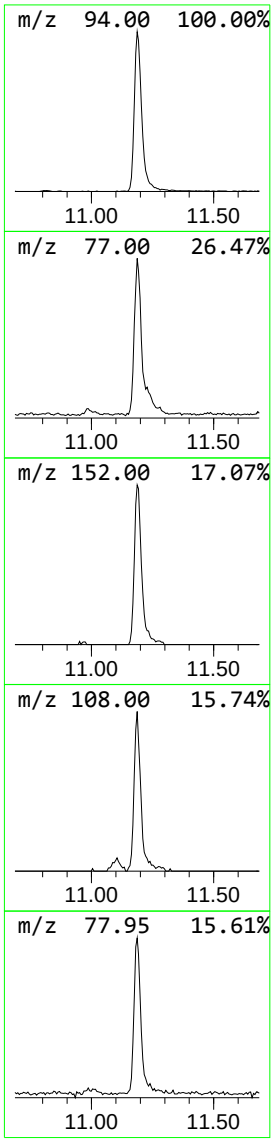
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.73 ng/ul	453691	Naphthalene-d8	10.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

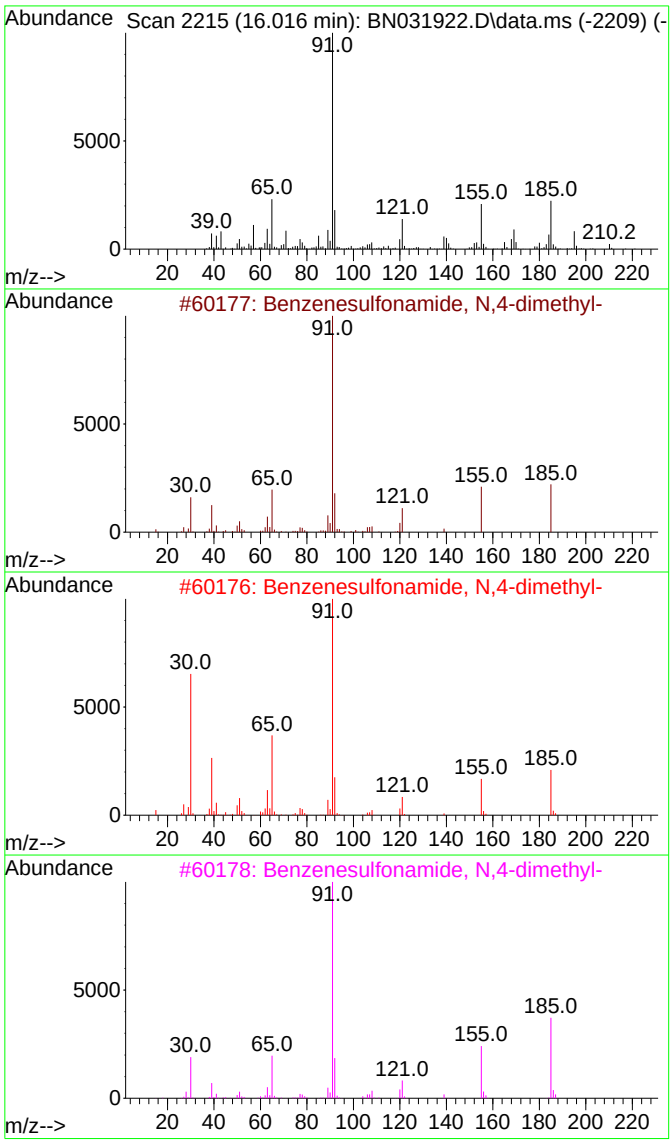
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

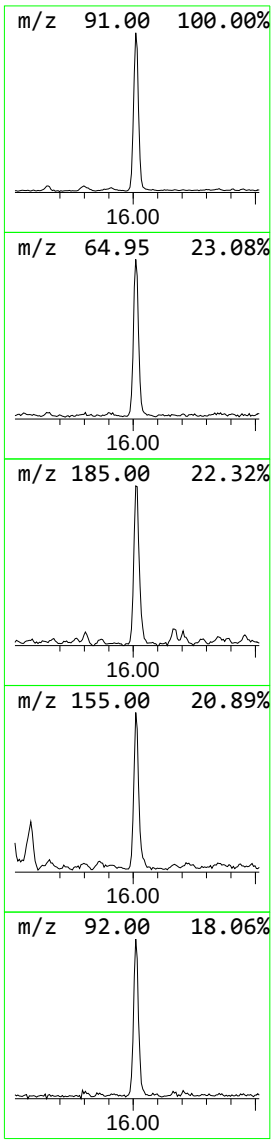
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.016	2.80 ng/ul	778583	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
3	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	76
4	N-cyclopropyl-4-methylbenzenesul...	211	C10H13NO2S	065032-46-4	46
5	Cycloheptа-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

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

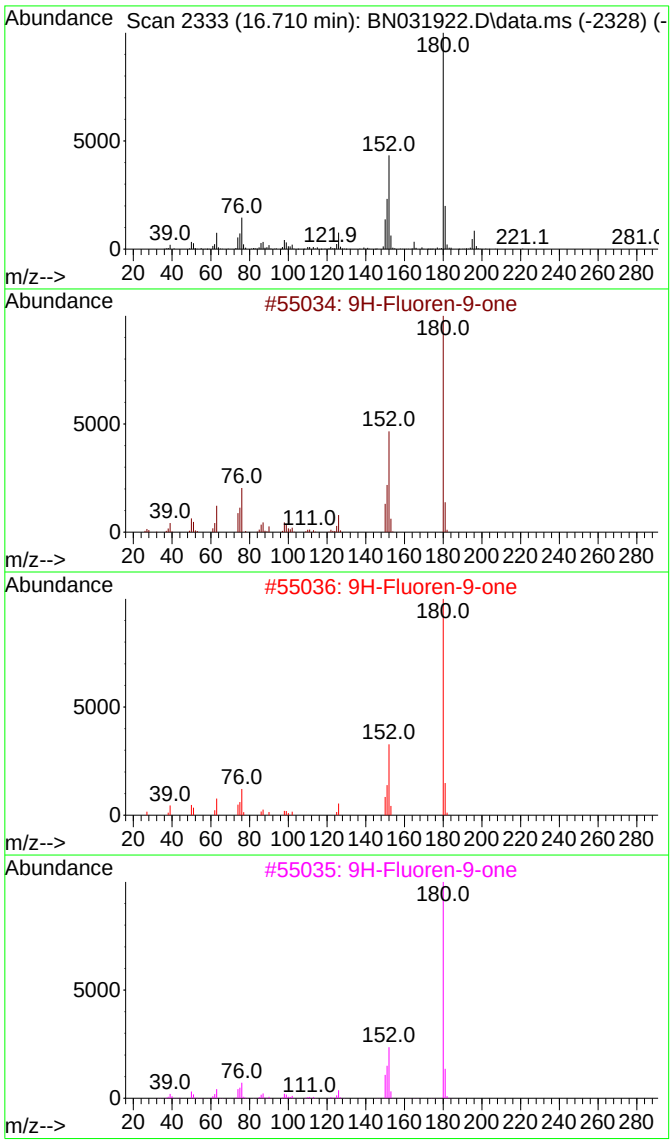
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

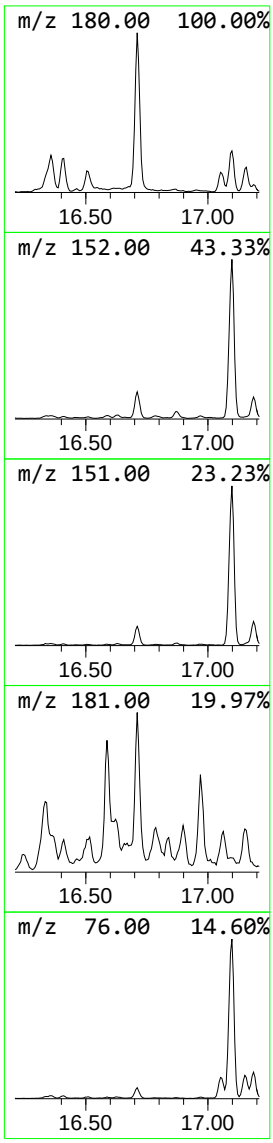
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	2.08 ng/ul	576608	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

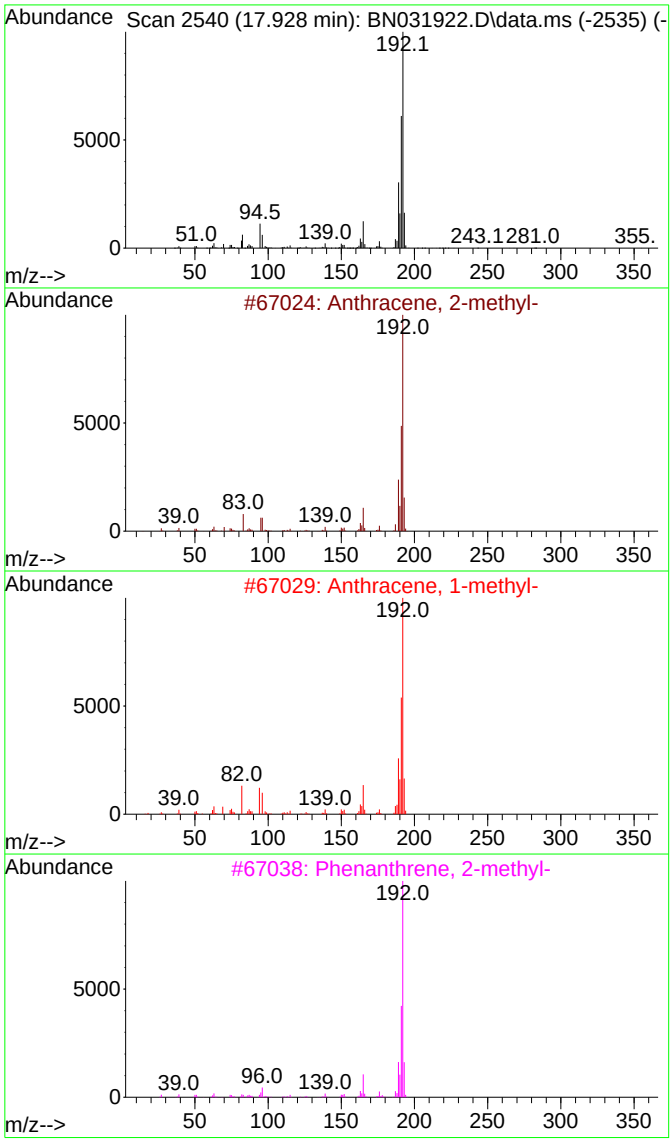
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

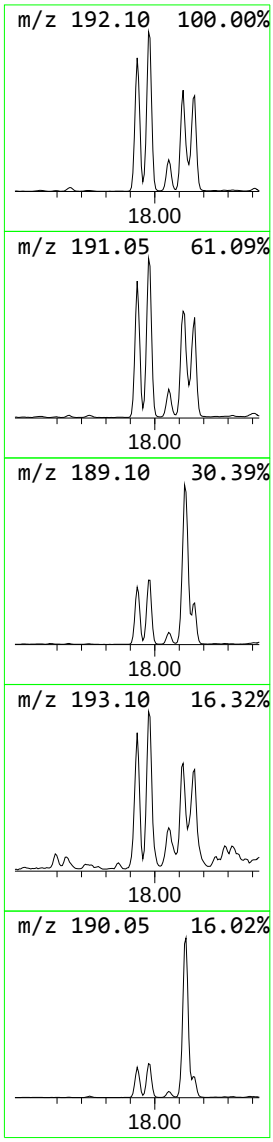
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	7.52 ng/ul	2089570	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

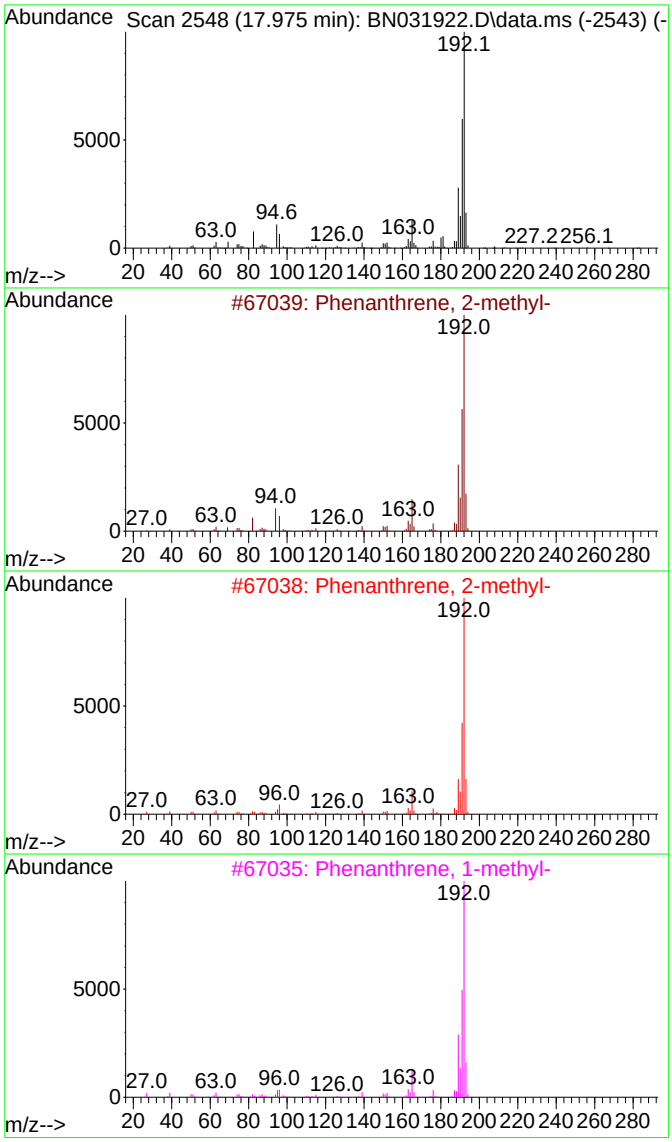
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

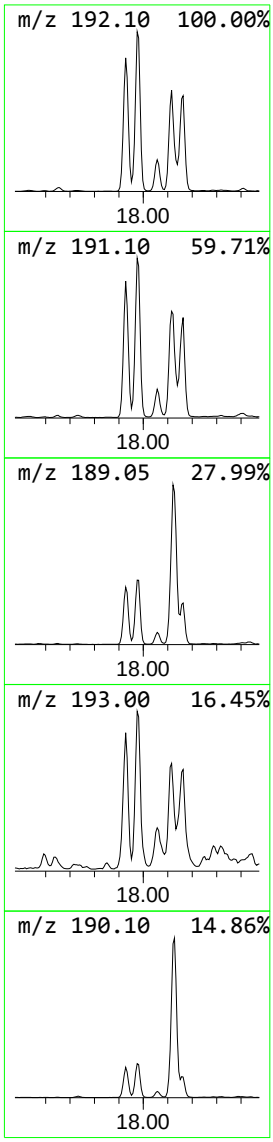
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	13.37 ng/ul	3712140	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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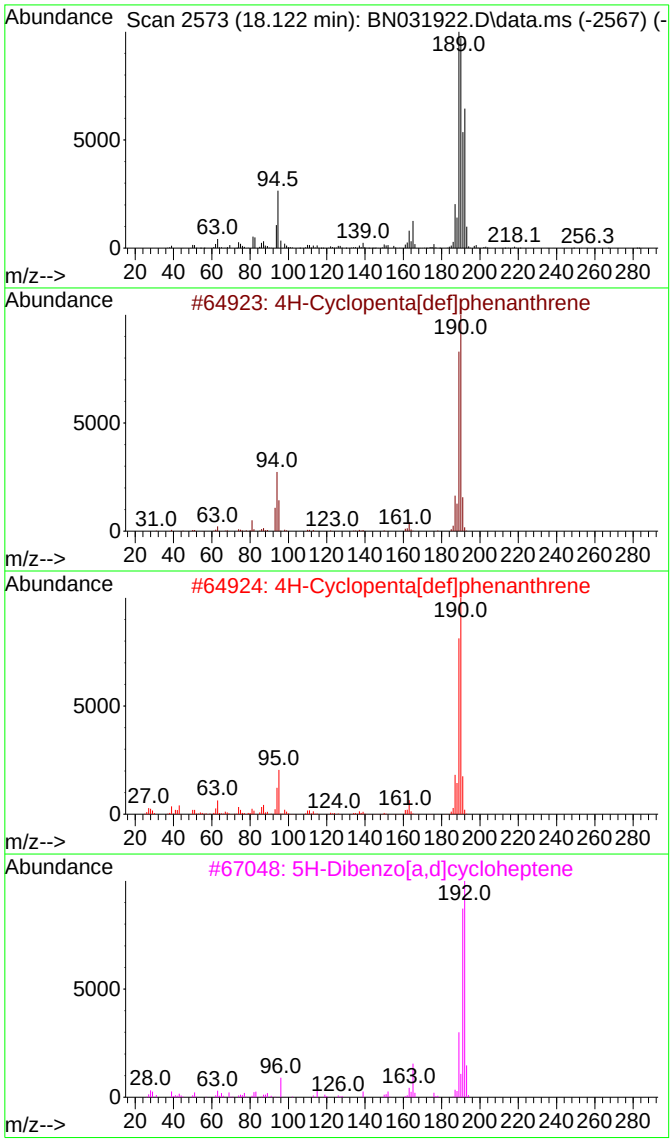
Quant Title : SVOA CALIBRATION

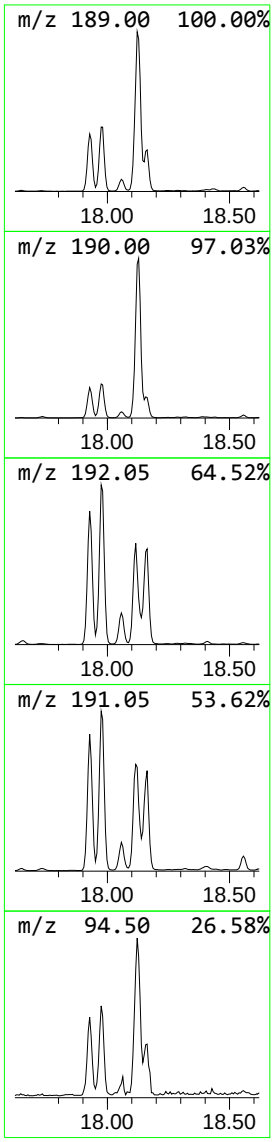
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	12.55 ng/ul	3486090	Phenanthrene-d10	17.057

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	41
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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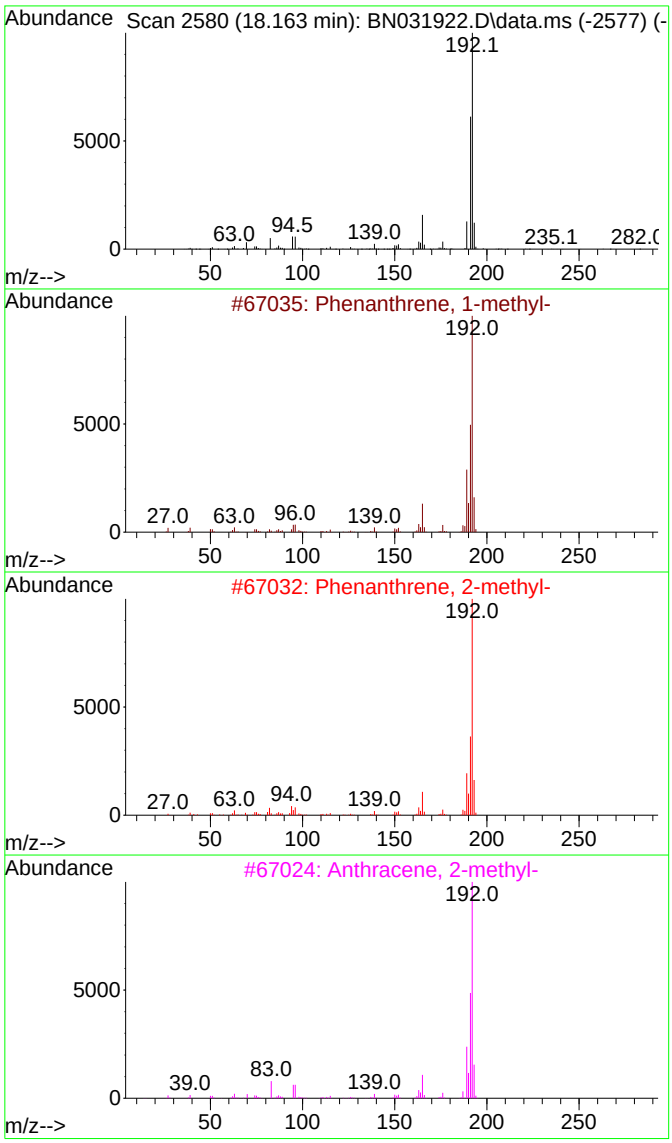
Quant Title : SVOA CALIBRATION

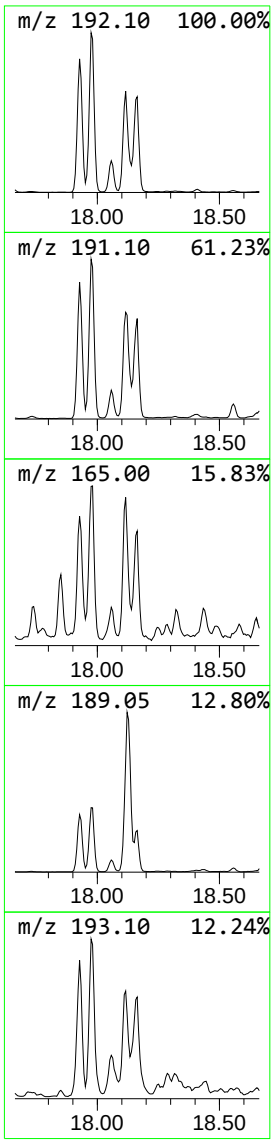
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	4.95 ng/ul	1374960	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

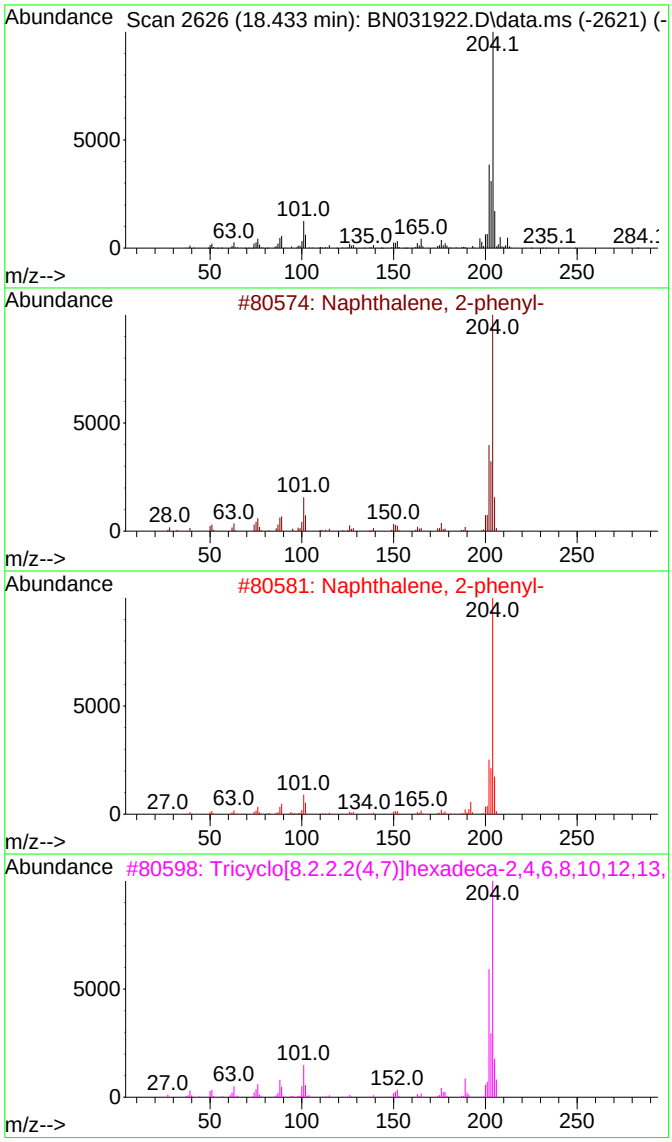
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

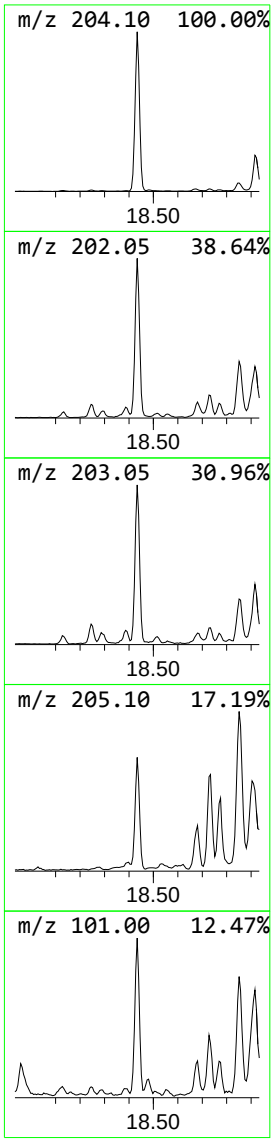
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.53 ng/ul	1258900	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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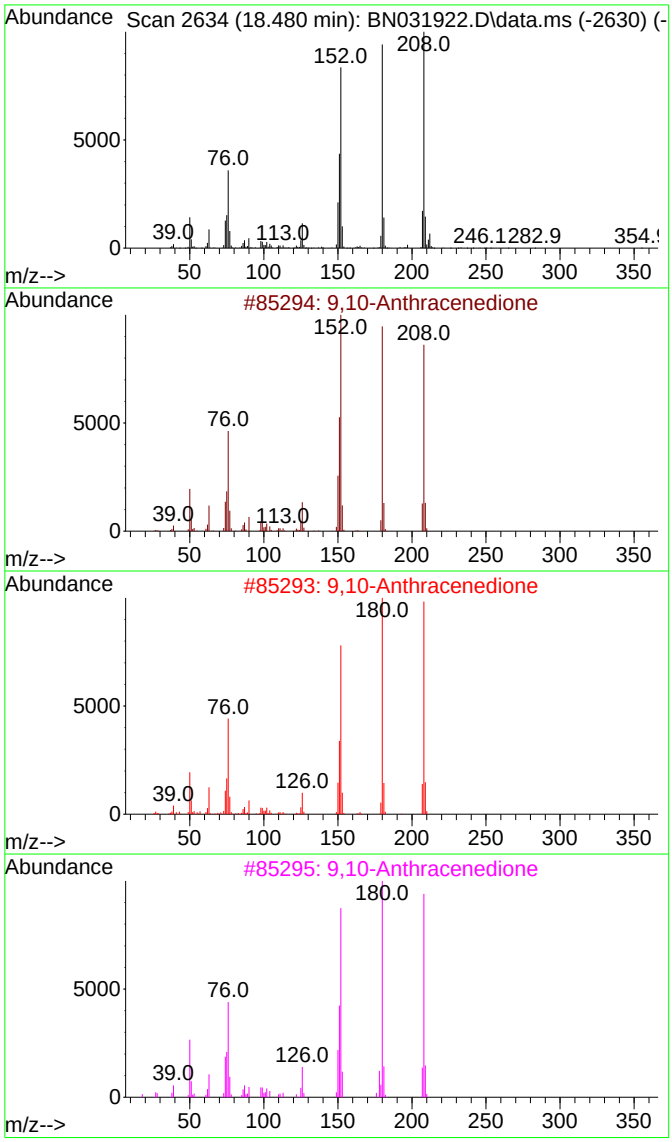
Quant Title : SVOA CALIBRATION

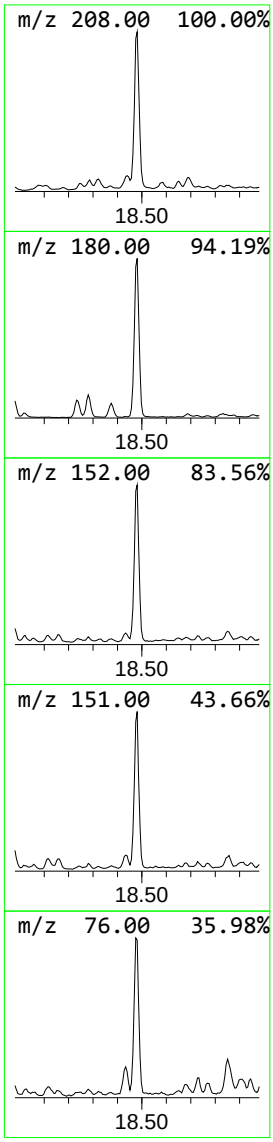
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	5.91 ng/ul	1640980	Phenanthrene-d10	17.057

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	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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ALS Vial : 12 Sample Multiplier: 1

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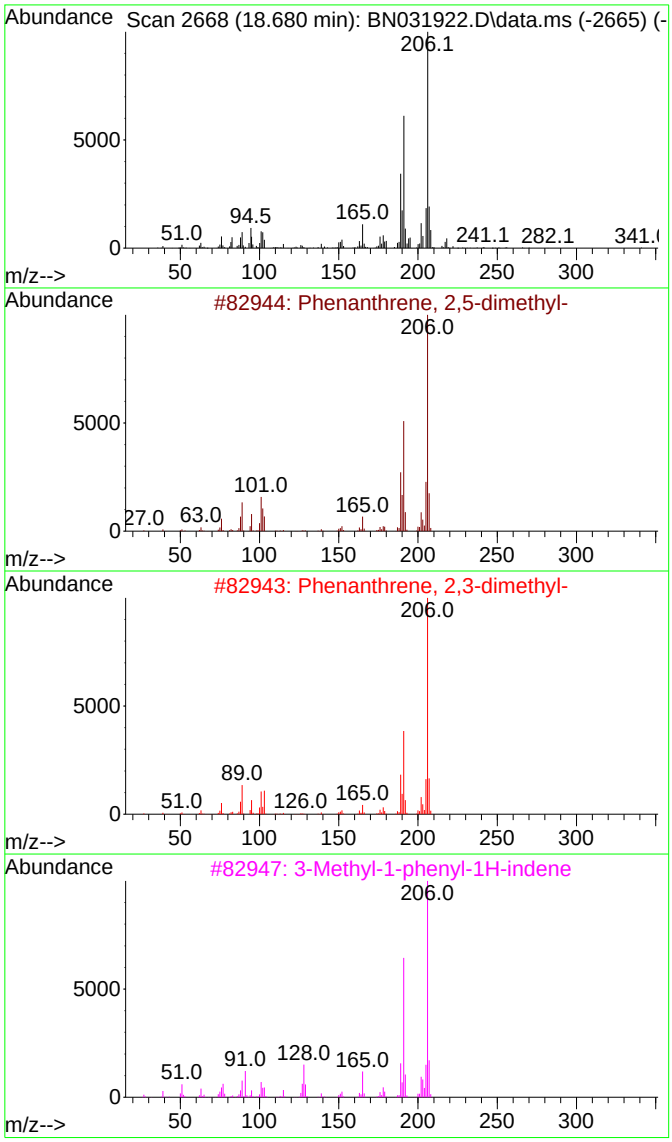
Quant Title : SVOA CALIBRATION

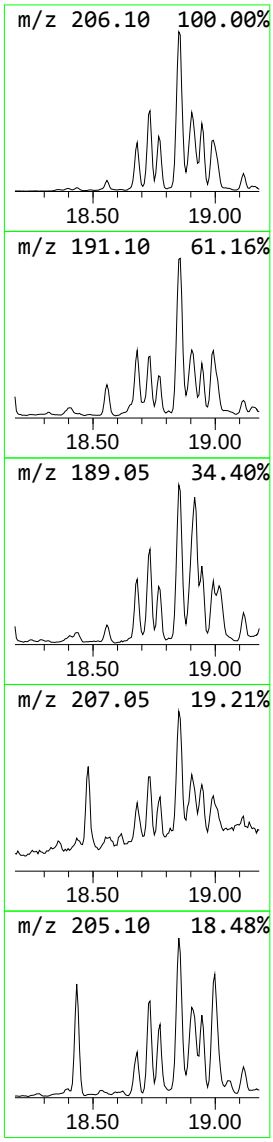
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	2.17 ng/ul	602865	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	87
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87





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Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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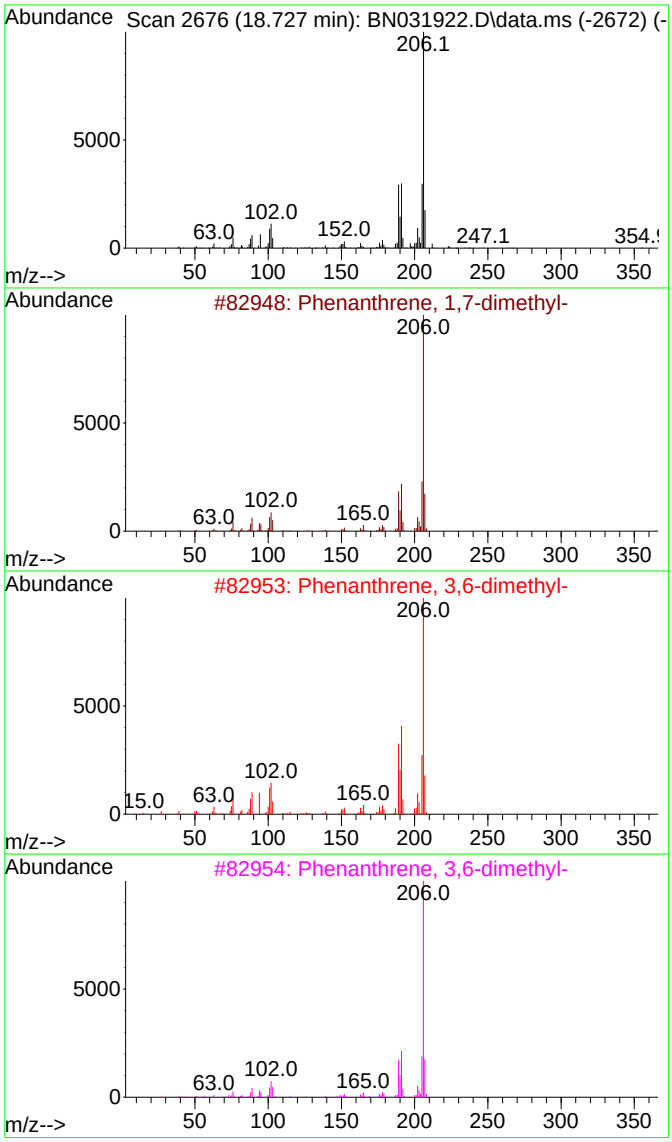
Quant Title : SVOA CALIBRATION

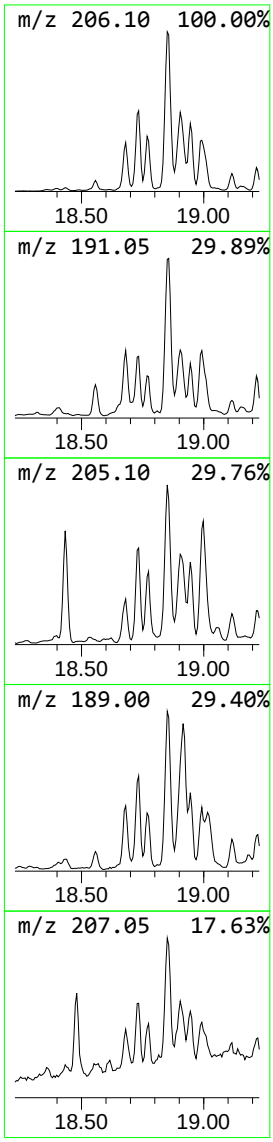
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	3.04 ng/ul	843239	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94





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Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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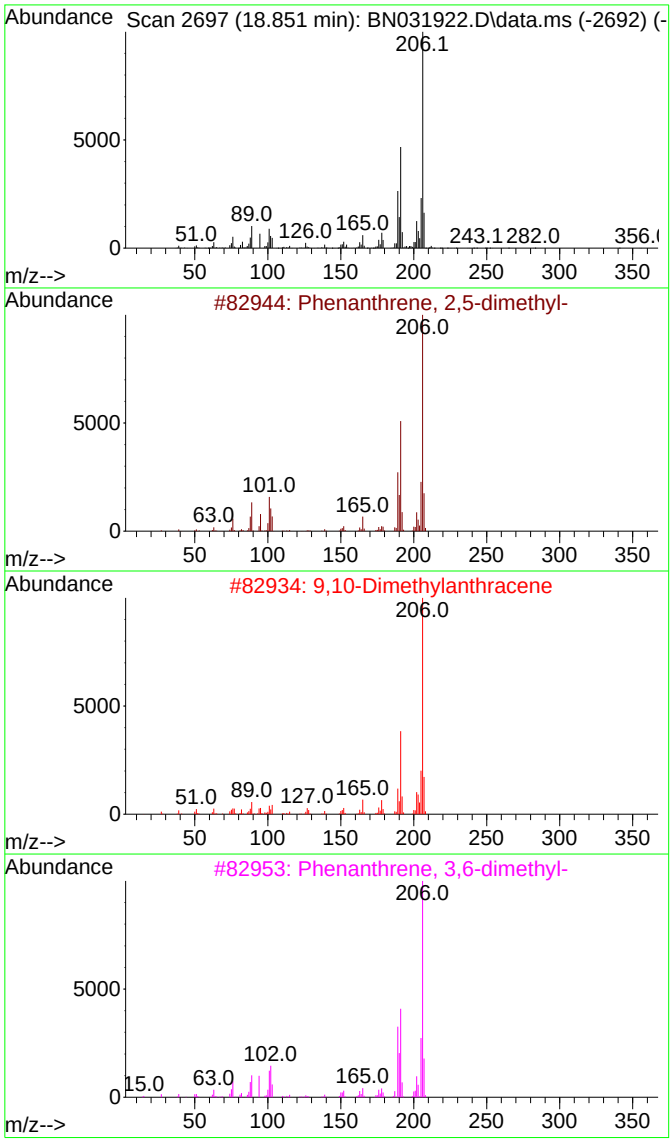
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

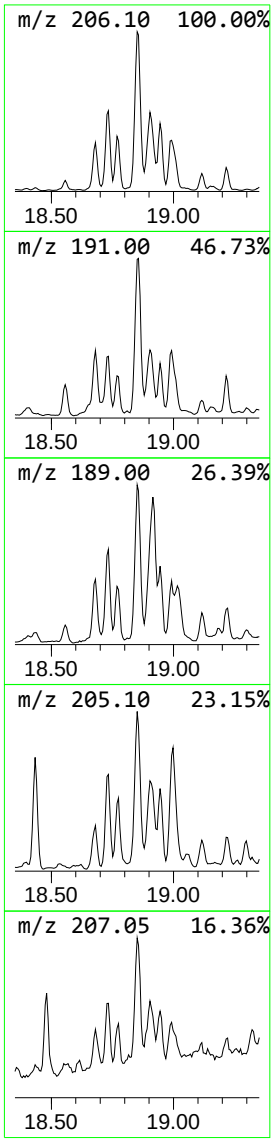
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	7.54 ng/ul	2093590	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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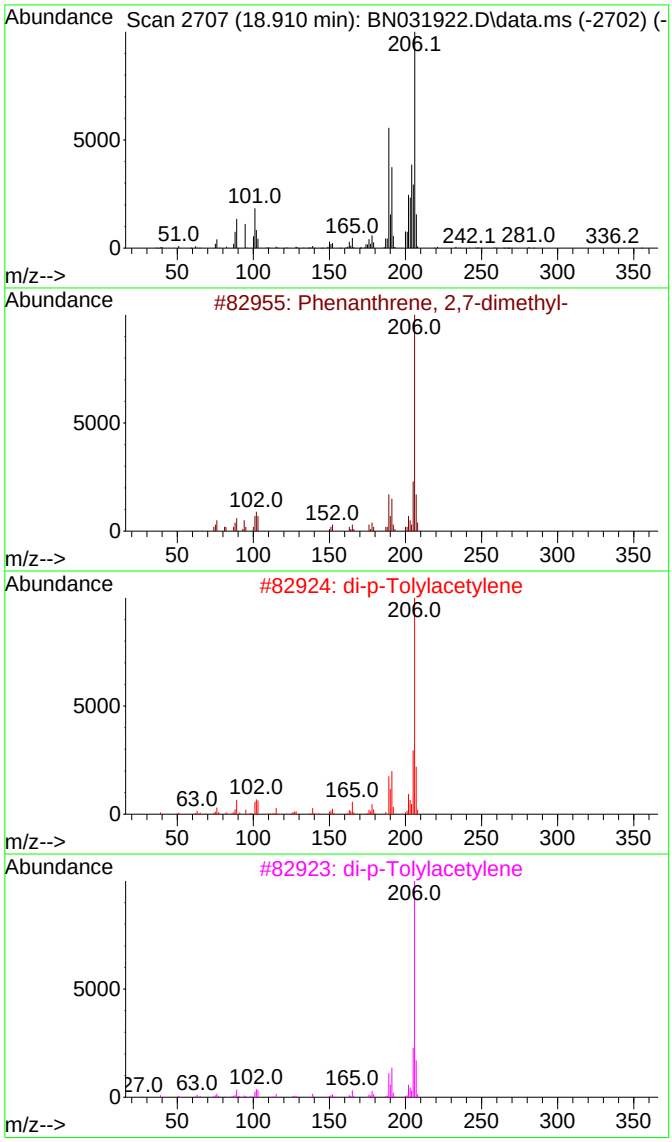
Quant Title : SVOA CALIBRATION

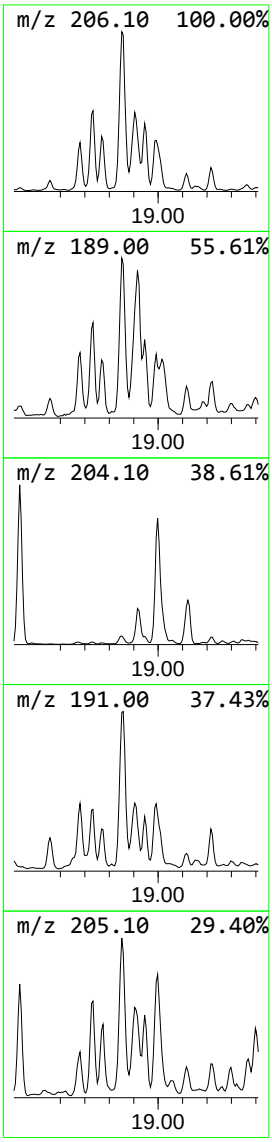
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	3.36 ng/ul	932748	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	52
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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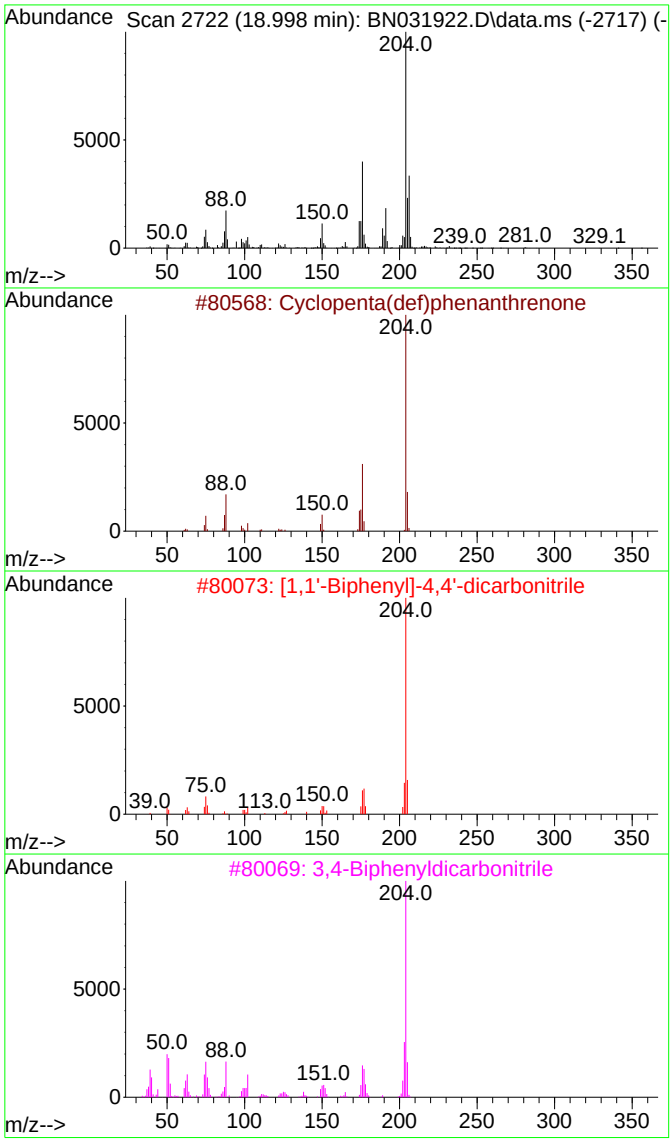
Quant Title : SVOA CALIBRATION

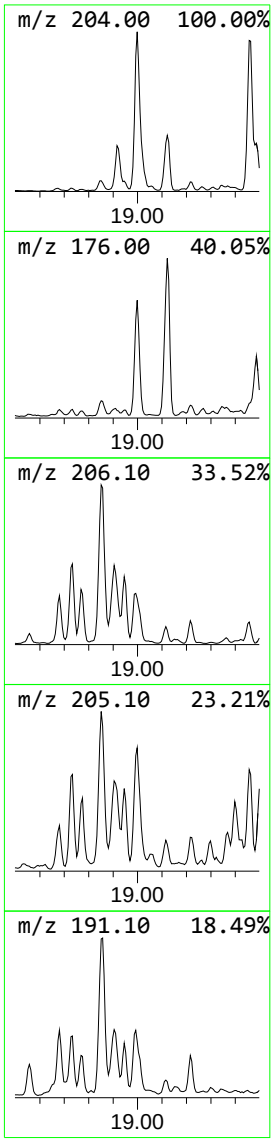
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	6.84 ng/ul	1899030	Phenanthrene-d10	17.057

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	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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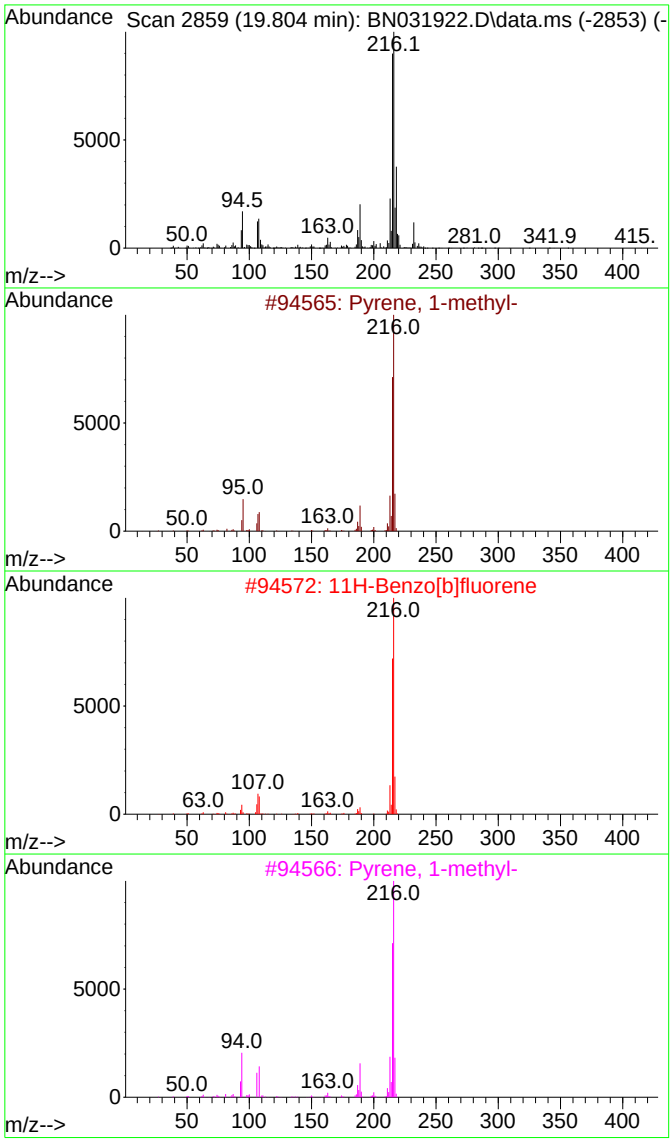
Quant Title : SVOA CALIBRATION

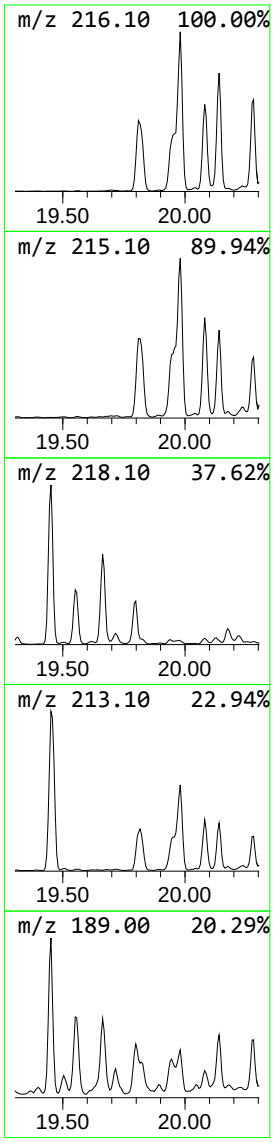
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	3.92 ng/ul	2988710	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Quant Title : SVOA CALIBRATION

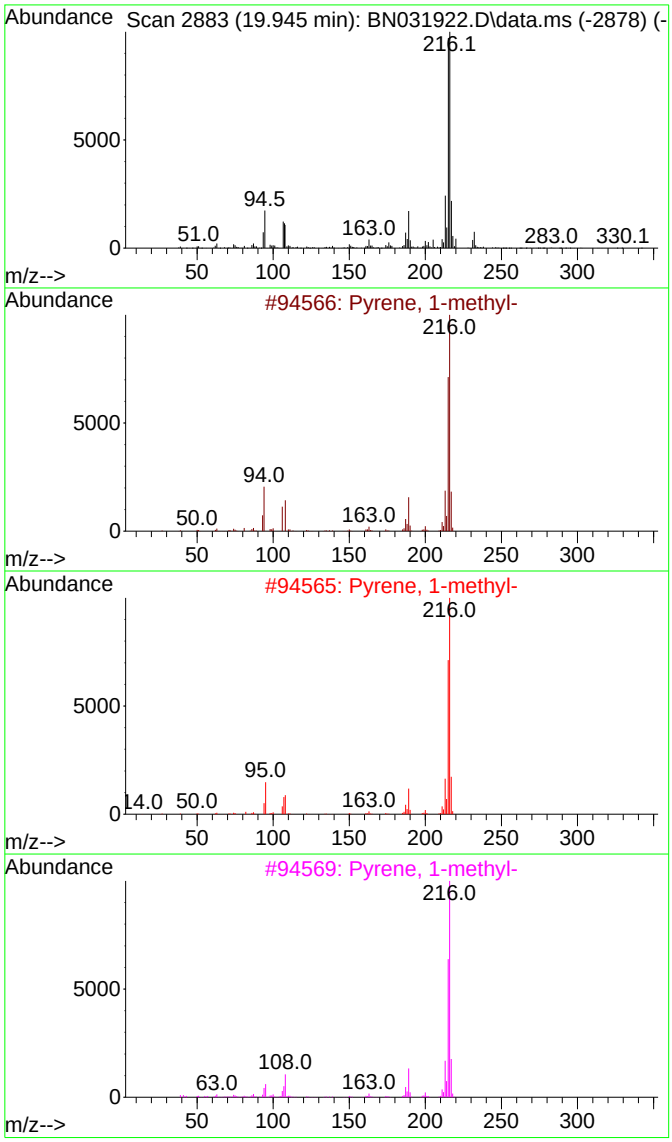
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

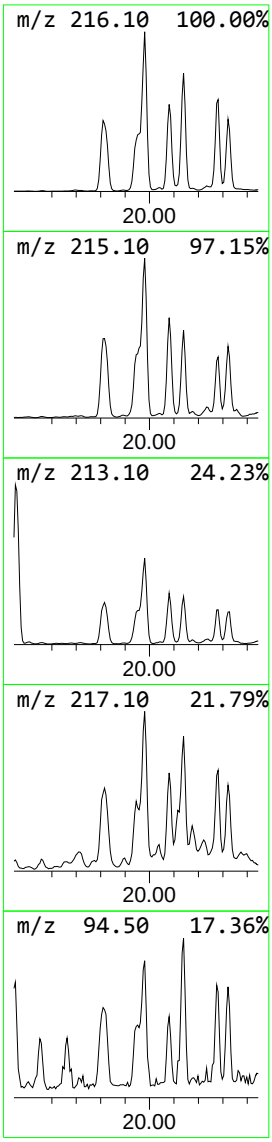
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	2.05 ng/ul	1561010	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Quant Title : SVOA CALIBRATION

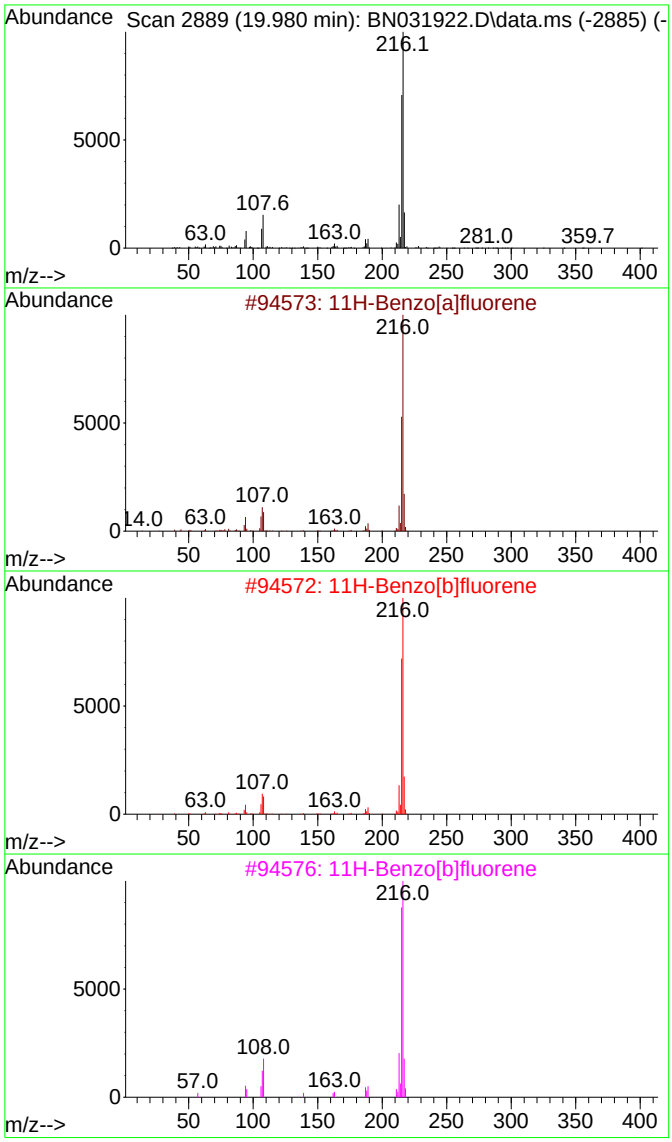
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

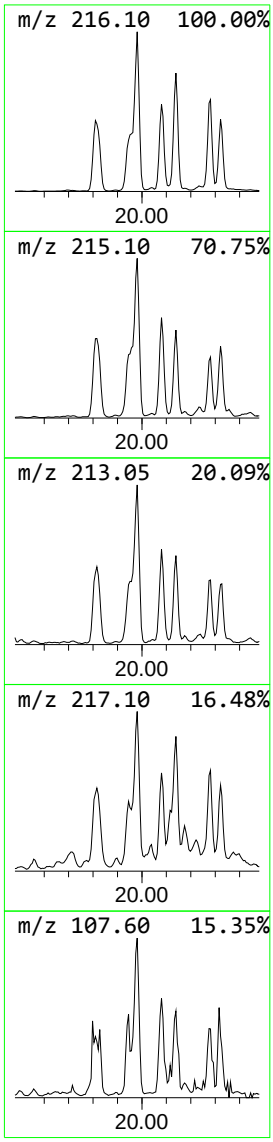
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	3.82 ng/ul	2913160	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC29

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

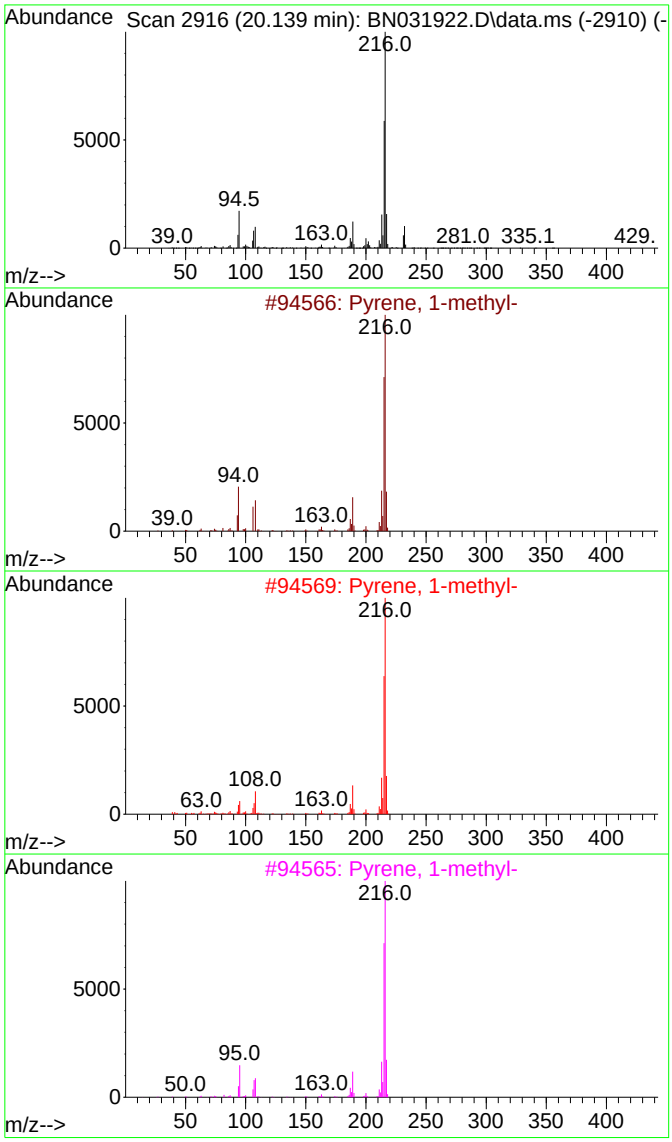
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

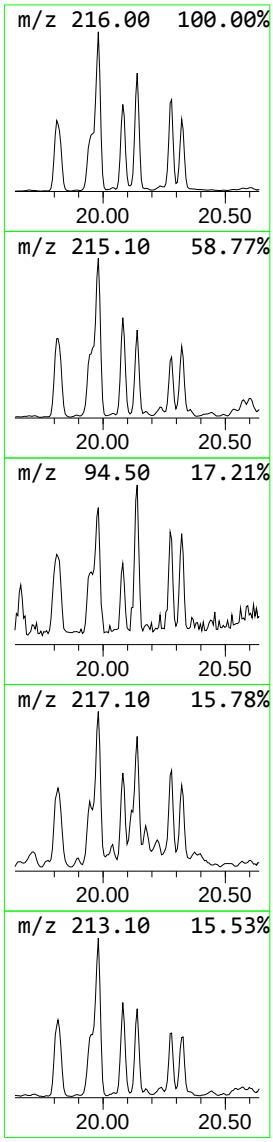
****

Peak Number 18 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	3.02 ng/ul	2303500	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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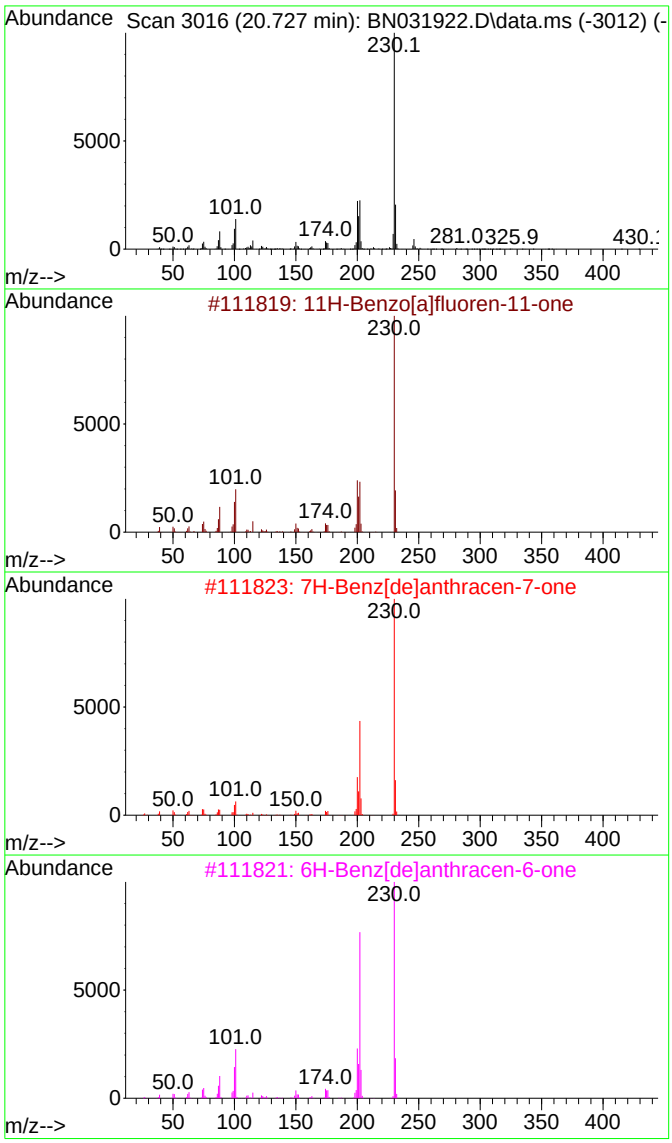
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

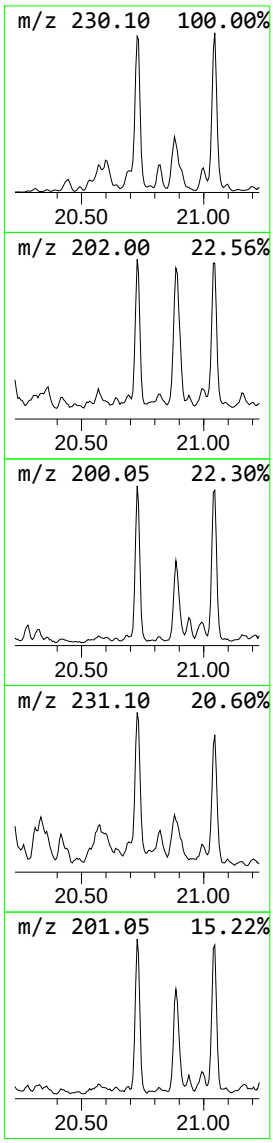
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	2.65 ng/ul	2017970	Chrysene-d12	21.292

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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
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	83





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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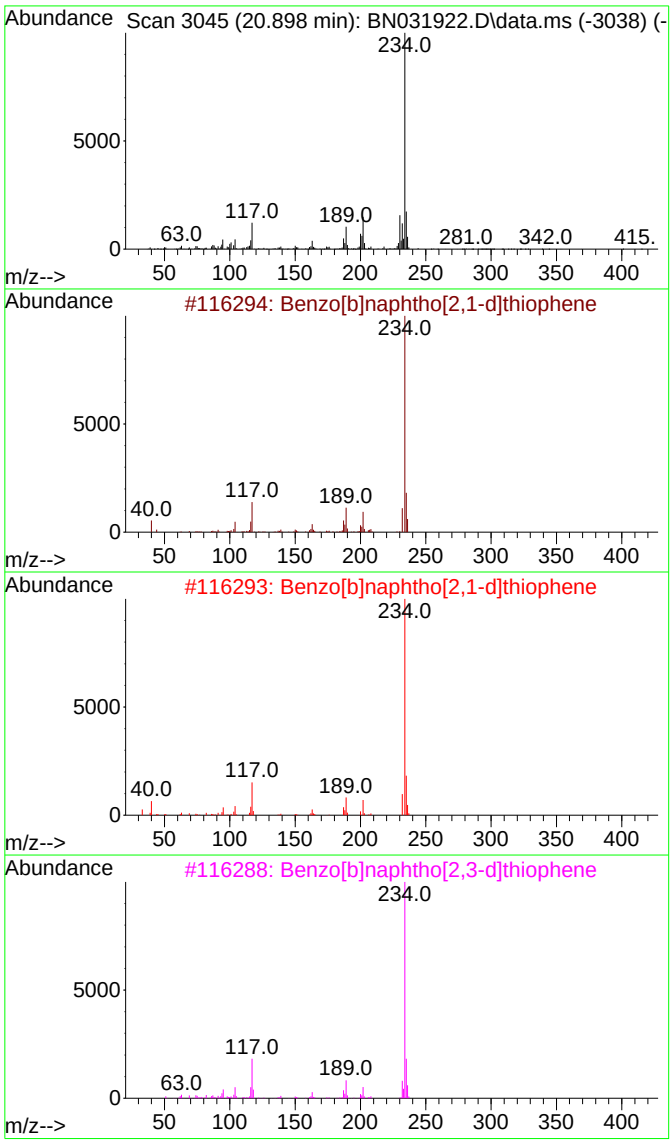
Quant Title : SVOA CALIBRATION

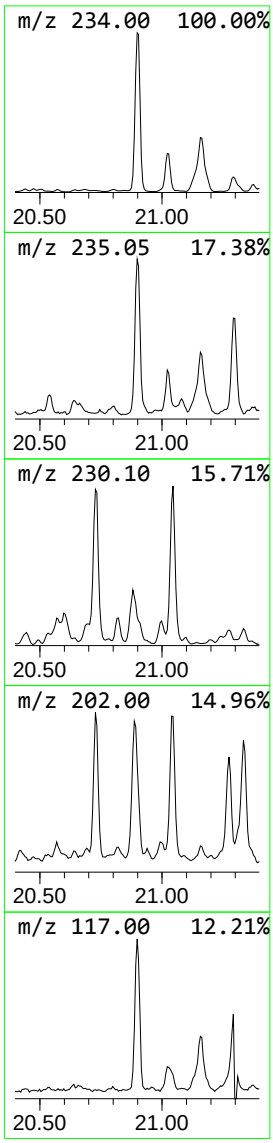
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.898	3.13 ng/ul	2385810	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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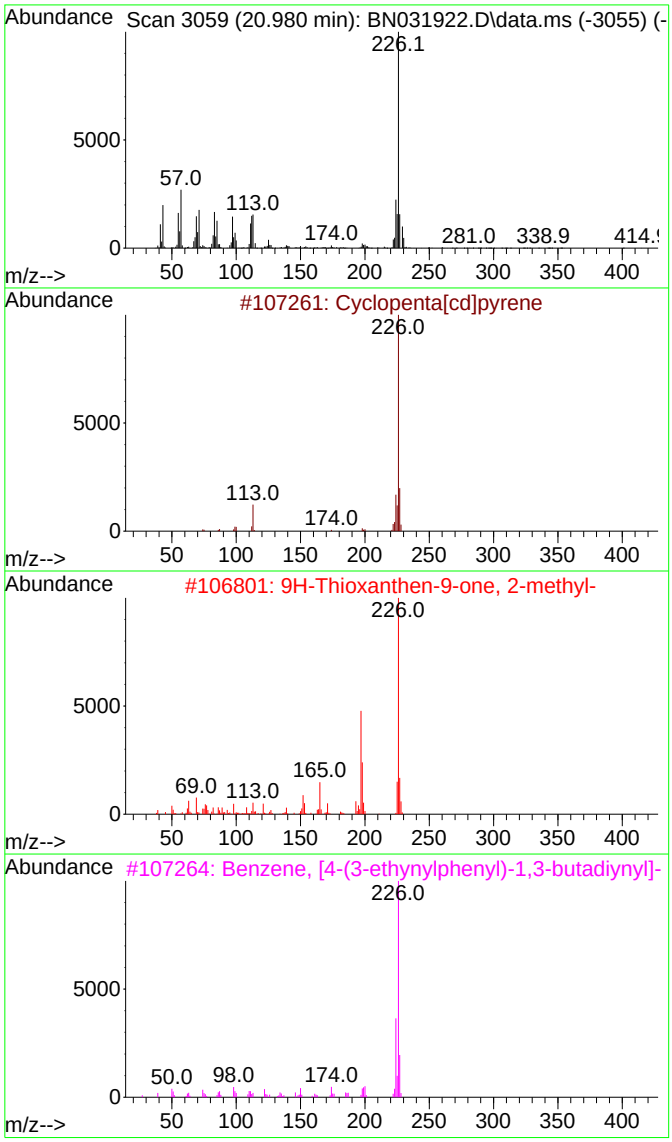
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

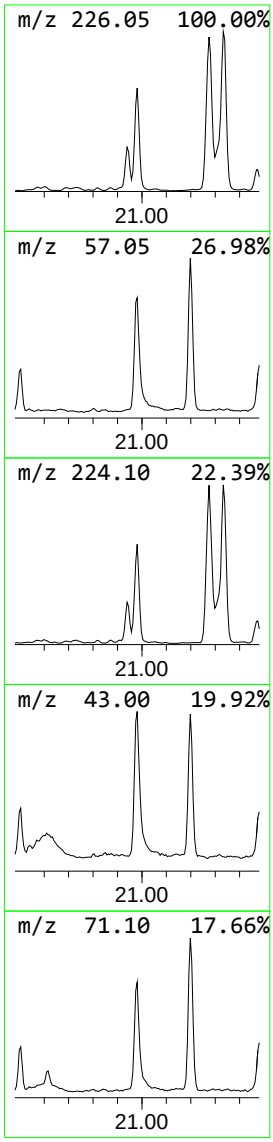
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	4.43 ng/ul	3378800	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
5	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	40





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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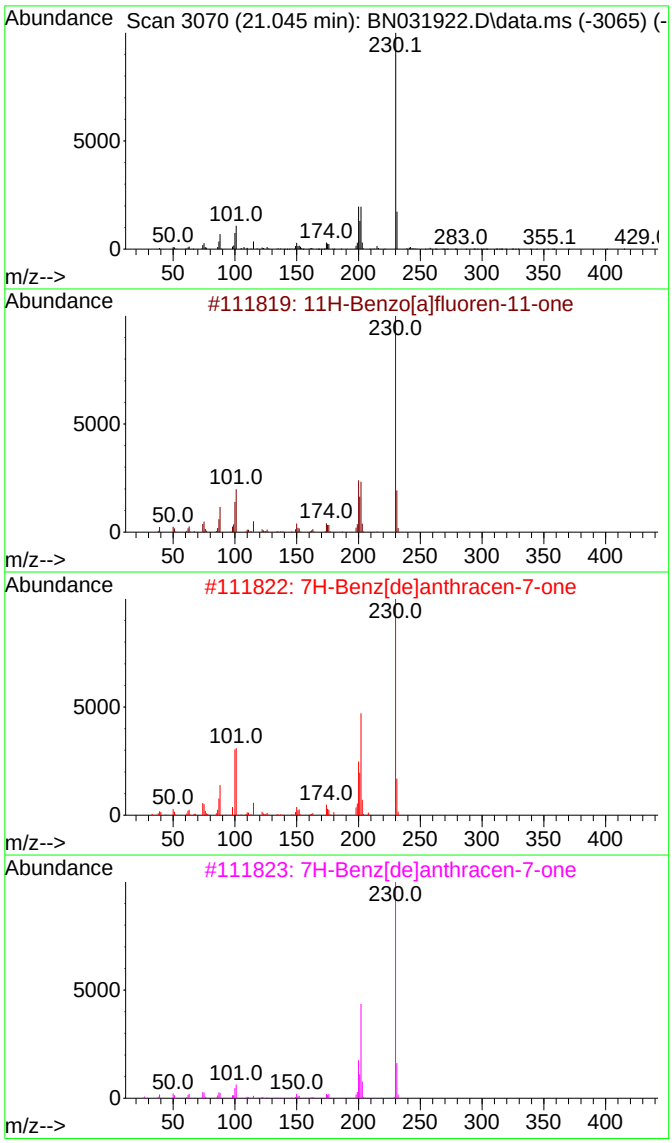
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

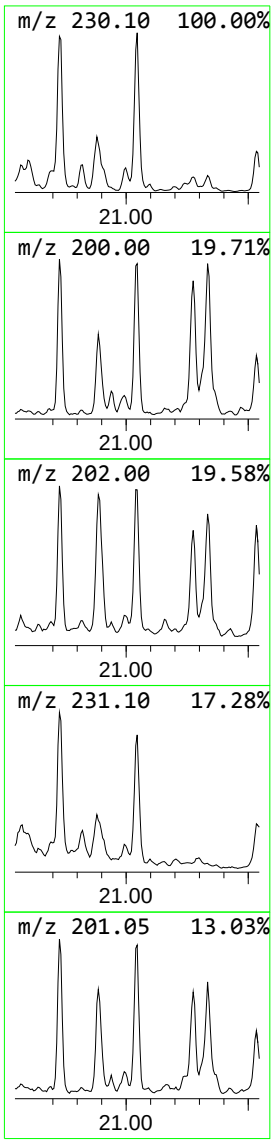
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.65 ng/ul	2015540	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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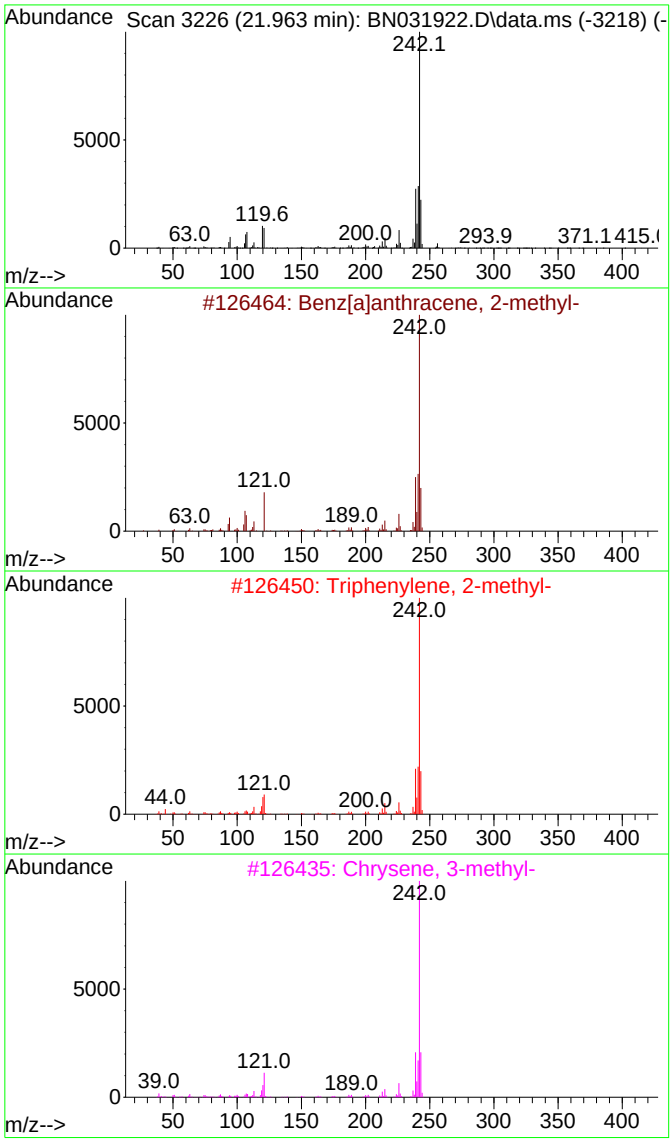
Quant Title : SVOA CALIBRATION

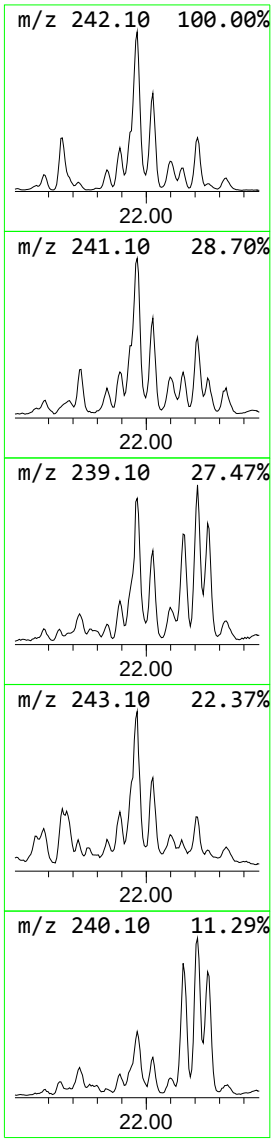
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benz[a]anthracene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	2.50 ng/ul	1903150	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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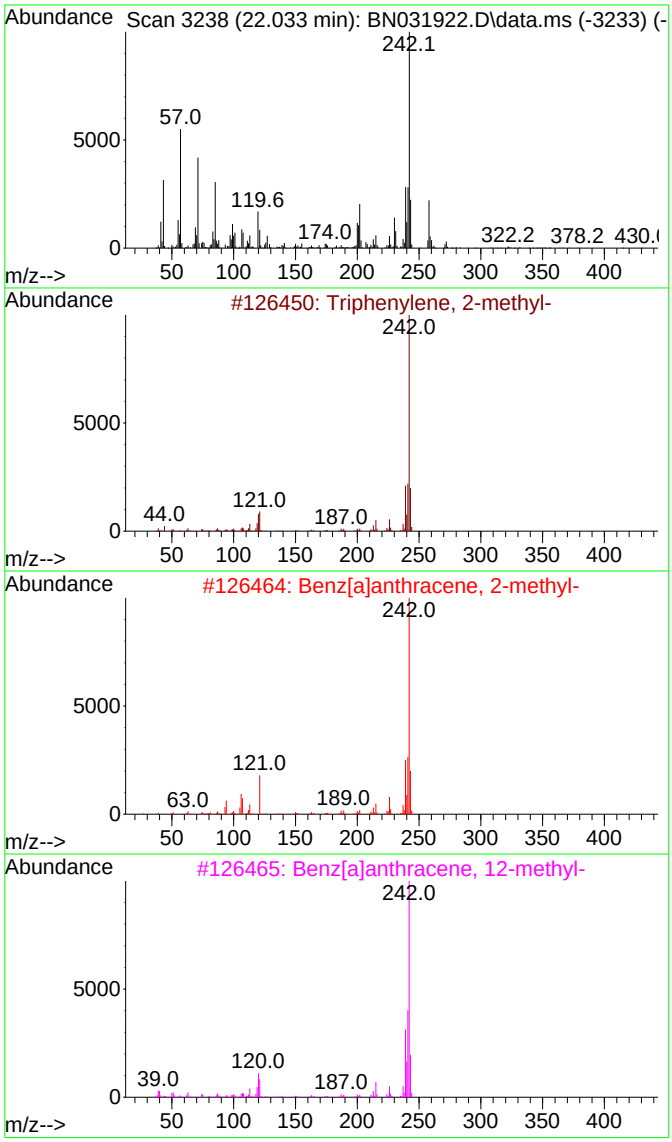
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

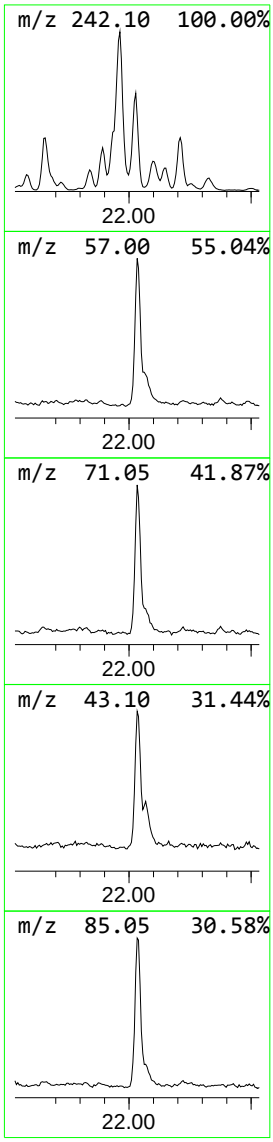
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Triphenylene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.033	2.04 ng/ul	1550670	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	83
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	62
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	60





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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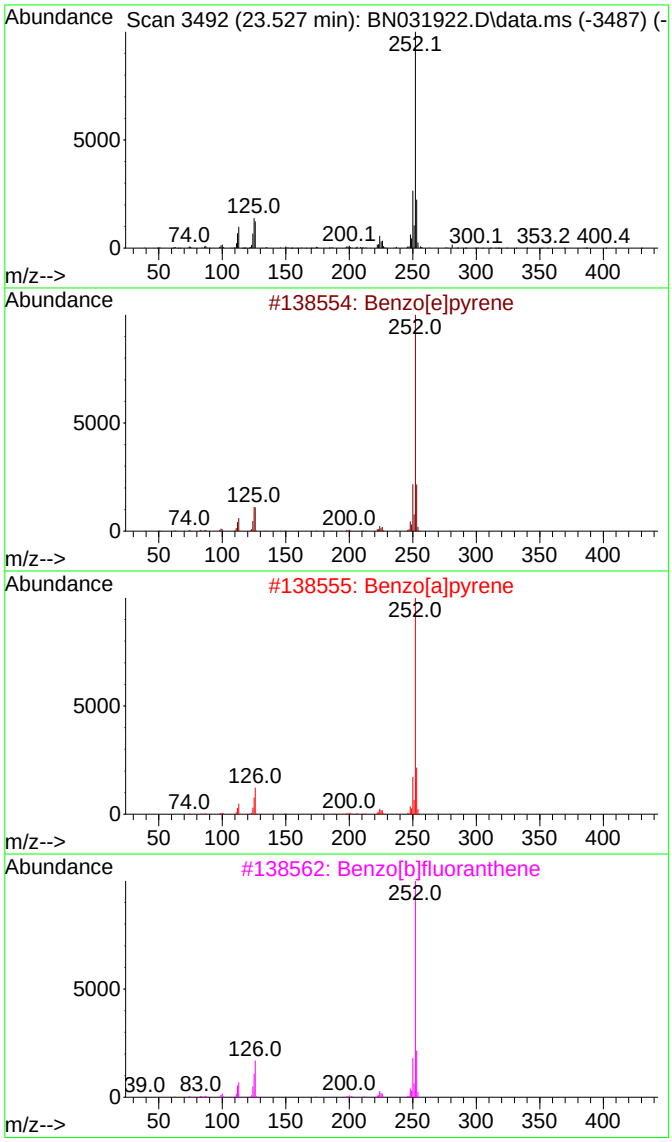
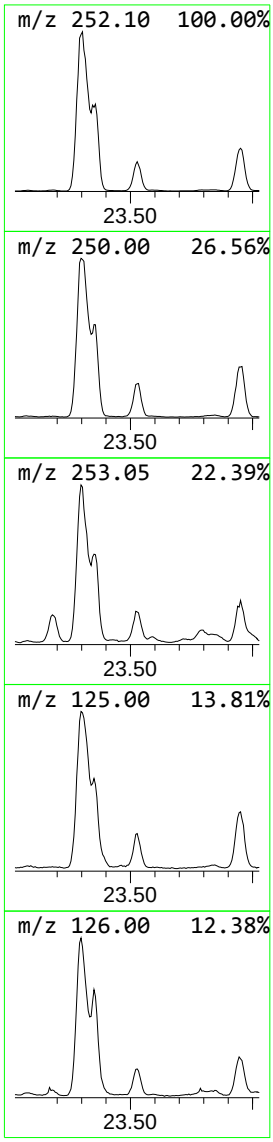
Peak Number 25 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	5.30 ng/ul	1219240	Perylene-d12	24.215

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	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

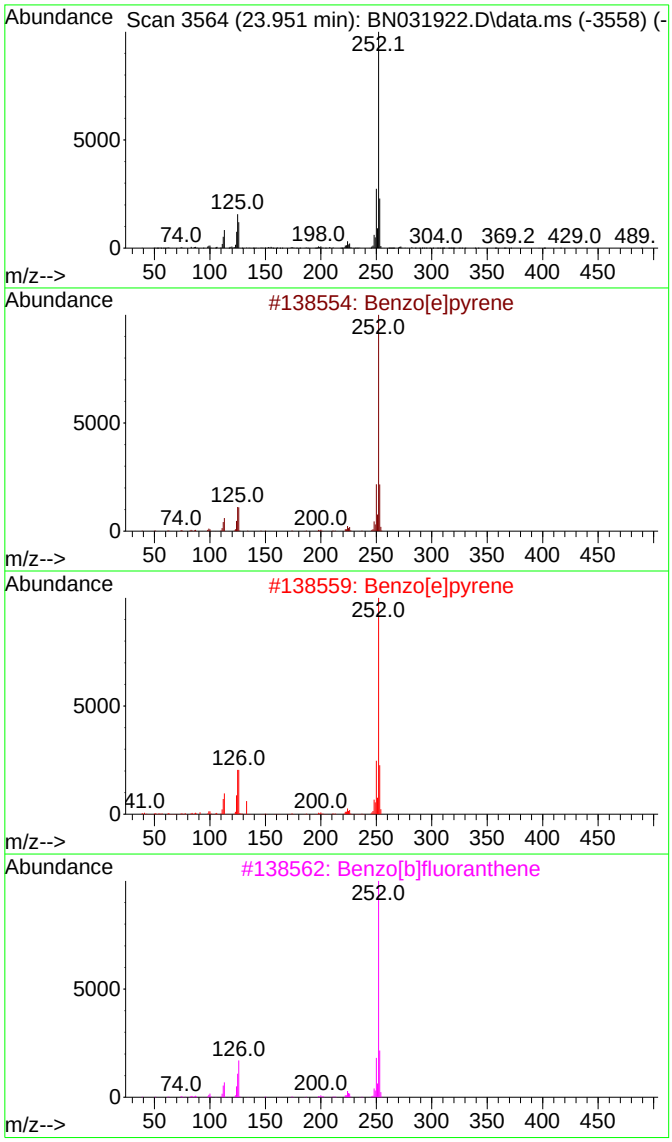
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

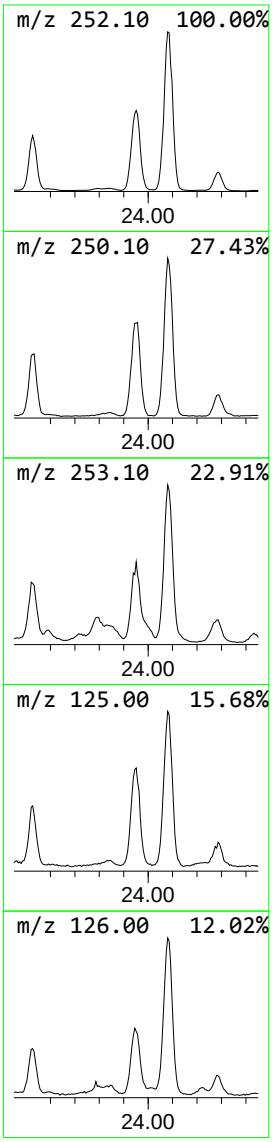
****

Peak Number 26 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	7.27 ng/ul	1673310	Perylene-d12	24.215

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





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ALS Vial : 12 Sample Multiplier: 1

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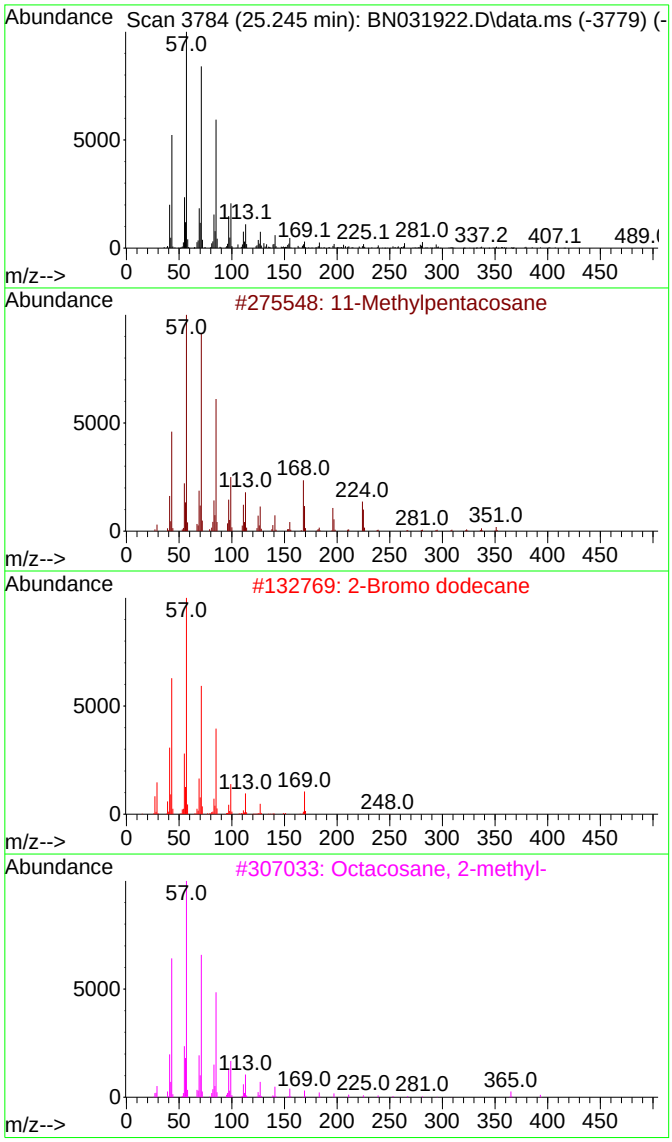
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

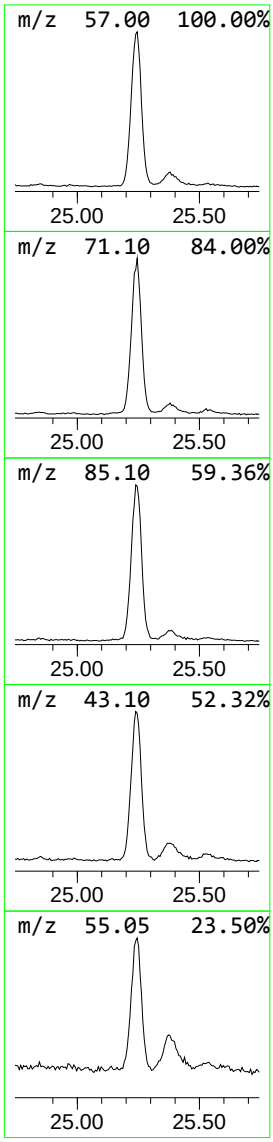
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.245	6.93 ng/ul	1594330	Perylene-d12	24.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methylpentacosane	366	C26H54	015689-71-1	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

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Data File : BN031922.D
Acq On : 11 Jun 2024 22:56
Operator : MA/JU
Sample : P2659-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Phenoxypropan...	11.187	2.7	ng/ul	453691	2	10.440	3323950	20.0
Benzenesulfonam...	16.016	2.8	ng/ul	778583	4	17.057	5555040	20.0
9H-Fluoren-9-one	16.710	2.1	ng/ul	576608	4	17.057	5555040	20.0
Anthracene, 2-m...	17.927	7.5	ng/ul	2089570	4	17.057	5555040	20.0
Phenanthrene, 2...	17.975	13.4	ng/ul	3712140	4	17.057	5555040	20.0
4H-Cyclopenta[d...	18.122	12.6	ng/ul	3486090	4	17.057	5555040	20.0
Phenanthrene, 1...	18.163	5.0	ng/ul	1374960	4	17.057	5555040	20.0
Naphthalene, 2-...	18.433	4.5	ng/ul	1258900	4	17.057	5555040	20.0
9,10-Anthracene...	18.480	5.9	ng/ul	1640980	4	17.057	5555040	20.0
Phenanthrene, 2...	18.680	2.2	ng/ul	602865	4	17.057	5555040	20.0
Phenanthrene, 1...	18.727	3.0	ng/ul	843239	4	17.057	5555040	20.0
9,10-Dimethylan...	18.851	7.5	ng/ul	2093590	4	17.057	5555040	20.0
Phenanthrene, 2...	18.910	3.4	ng/ul	932748	4	17.057	5555040	20.0
Cyclopenta(def)...	18.998	6.8	ng/ul	1899030	4	17.057	5555040	20.0
Pyrene, 1-methyl-	19.804	3.9	ng/ul	2988710	5	21.292	15237500	20.0
11H-Benzo[b]flu...	19.945	2.0	ng/ul	1561010	5	21.292	15237500	20.0
11H-Benzo[a]flu...	19.980	3.8	ng/ul	2913160	5	21.292	15237500	20.0
Pyrene, 4-methyl-	20.139	3.0	ng/ul	2303500	5	21.292	15237500	20.0
11H-Benzo[a]flu...	20.727	2.6	ng/ul	2017970	5	21.292	15237500	20.0
Benzo[b]naphtho...	20.898	3.1	ng/ul	2385810	5	21.292	15237500	20.0
Cyclopenta[cd]p...	20.980	4.4	ng/ul	3378800	5	21.292	15237500	20.0
7H-Benz[de]anth...	21.045	2.6	ng/ul	2015540	5	21.292	15237500	20.0
Benz[a]anthrace...	21.963	2.5	ng/ul	1903150	5	21.292	15237500	20.0
Triphenylene, 2...	22.033	2.0	ng/ul	1550670	5	21.292	15237500	20.0
Benzo[e]pyrene	23.527	5.3	ng/ul	1219240	6	24.215	4603630	20.0
unknown-01	23.951	7.3	ng/ul	1673310	6	24.215	4603630	20.0
(DEL) Alkane: S...	25.245	6.9	ng/ul	1594330	6	24.215	4603630	20.0