LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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: BN031855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.446	68	78	90	rBV	255821	392579	1.96%	0.147%
2	3.587	99	102	117	rBV	924662	1385981	6.91%	0.520%
3	6.846	645	656	671	rBV	1572532	2620037	13.06%	0.983%
4	7.010	677	684	696	rVB	1258487	1958619	9.76%	0.735%
5	7.205	710	717	725	rBV	1596861	2572877	12.82%	0.965%
6	7.669	785	796	803	rBV	1310492	2093475	10.43%	0.786%
7	8.381	909	917	925	rBV	1687460	2798672	13.95%	1.050%
8	8.828	985	993	1000	rBV	1486047	2471088	12.32%	0.927%
9	9.393	1078	1089	1098	rVB	197817	322950	1.61%	0.121%
10	9.546	1106	1115	1125	rBV	1242155	2107246	10.50%	0.791%
11	10.081	1194	1206	1216	rBV	1819252	3215585	16.03%	1.207%
12	10.451	1260	1269	1275	rBV	1829031	3144511	15.67%	1.180%
13	10.598	1284	1294	1306	rBV	1322987	2384359	11.88%	0.895%
14	11.198	1389	1396	1408	rBV	253893	509336	2.54%	0.191%
15	13.728	1821	1826	1832	rBV	2945192	4124026	20.55%	1.548%
16	14.010	1867	1874	1892	rVV2	3571543	6760837	33.69%	2.537%
17	14.316	1916	1926	1932	rBV	2718563	4174472	20.80%	1.566%
18	14.375	1932	1936	1944	rVB	172880	295962	1.48%	0.111%
19	14.528	1955	1962	1971	rBV	1412519	2368422	11.80%	0.889%
20	14.716	1990	1994	2002	rVV	204934	360900	1.80%	0.135%
21	15.310	2088	2095	2100	rVV	4698479	6792948	33.85%	2.549%
22	15.363	2100	2104	2112	rVV	272726	482625	2.41%	0.181%
23	15.439	2112	2117	2123	rVV	878080	1249519	6.23%	0.469%
24	15.657	2149	2154	2160	rVV	142884	222298	1.11%	0.083%
25	15.804	2171	2179	2187	rVB2	146090	328391	1.64%	0.123%
26	16.039	2213	2219	2226	rBV4	183321	363623	1.81%	0.136%
27	16.369	2273	2275	2280	rVV3	127553	184330	0.92%	0.069%
28	16.598	2307	2314	2318	rBV	154352	302781	1.51%	0.114%
29	16.722	2330	2335	2341	rVB	452774	692996	3.45%	0.260%
30	16.816	2349	2351	2357	rVB2	161916	207094	1.03%	0.078%
31	16.880	2357	2362	2371	rVB	452013	705546	3.52%	0.265%
32	17.063	2384	2393	2396	rBV	3245770	4780480	23.82%	1.794%
33	17.110	2396	2401	2405	rVV	7793999	11569467	57.66%	4.341%
34	17.163	2405	2410	2414	rVV2	4955218	7314451	36.45%	2.745%
35	17.198	2414	2416	2421	rVV	1164855	1314134	6.55%	0.493%
36	17.257	2421	2426	2431	rVB3	182289	321763	1.60%	0.121%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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	17.469	2453	2462	2474	rBV	1097029	1963351	9.78%	0.737%
38	17.580	2475	2481	2487	rVV3	230797	446215	2.22%	0.167%
39	17.645	2487	2492	2500	rVB4	246234	432730	2.16%	0.162%
40	17.780	2512	2515	2523	rVB	110478	174492	0.87%	0.065%
41	17.939	2536	2542	2544	rVV	1183704	1693799	8.44%	0.636%
42	17.986	2544	2550	2555	rVV2	1888948	3642851	18.16%	1.367%
43	18.069	2560	2564	2569	rVV	373510	531050	2.65%	0.199%
44	18.133	2569	2575	2579	rVV2	1612910	3049905	15.20%	1.144%
45	18.169	2579	2581	2588	rVB	862758	1066192	5.31%	0.400%
46	18.257	2591	2596	2599	rBV2	184808	304922	1.52%	0.114%
47	18.292	2599	2602	2605	rVV2	196826	270946	1.35%	0.102%
48	18.333	2605	2609	2614	rVB4	147933	229828	1.15%	0.086%
49	18.445	2623	2628	2631	rVV	1139647	1539167	7.67%	0.578%
50	18.486	2631	2635	2642	rVV	1515410	2131416	10.62%	0.800%
51	18.692	2666	2670	2674	rVV	346898	527178	2.63%	0.198%
52	18.739	2674	2678	2681	rVV	347136	469474	2.34%	0.176%
53	18.780	2681	2685	2689	rVB	304306	403159	2.01%	0.151%
54	18.863	2694	2699	2704	rBV2	753266	1431585	7.13%	0.537%
55	18.957	2713	2715	2719	rVB	289601	283782	1.41%	0.106%
56	19.010	2719	2724	2731	rVB2	845487	1450406	7.23%	0.544%
57	19.133	2737	2745	2751	rVB	13918042	20065130	100.00%	7.529%
58	19.198	2752	2756	2758	rBV	255008	318392	1.59%	0.119%
59	19.227	2758	2761	2763	rBV	293358	338778	1.69%	0.127%
60	19.280	2767	2770	2774	rVB	528924	612474	3.05%	0.230%
61	19.333	2774	2779	2782	rBV2	342241	554782	2.76%	0.208%
62	19.374	2782	2786	2789	rVB	430357	559148	2.79%	0.210%
63	19.463	2796	2801	2804	rBV2	6421626	10555884	52.61%	3.961%
64	19.498	2804	2807	2814	rVV	12160470	16557131	82.52%	6.213%
65	19.563	2814	2818	2825	rVB2	730564	1115030	5.56%	0.418%
66	19.674	2832	2837	2842	rBV	695728	973498	4.85%	0.365%
67	19.733	2843	2847	2853	rVB	522291	814384	4.06%	0.306%
68	19.822	2856	2862	2868	rBV3	906069	2285033	11.39%	0.857%
69	19.874	2868	2871	2874	rBV	205177	240514	1.20%	0.090%
70	19.957	2879	2885	2887	rBV3	741963	1460036	7.28%	0.548%
71	19.986	2887	2890	2897	rVB	1421255	2161753	10.77%	0.811%
72	20.092	2904	2908	2911	rBV	825533	1021372	5.09%	0.383%
73	20.145	2911	2917	2922	rVV2	1180884	2019491	10.06%	0.758%
74	20.186	2922	2924	2928	rVB2	346316	361338	1.80%	0.136%
75	20.233	2928	2932	2937	rBV3	248276	529959	2.64%	0.199%
76	20.292	2938	2942	2945	rVV	674715	948771	4.73%	0.356%

LSC Area Percent Report

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Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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	20.333	2945	2949	2954	rVB2	729212	1052309	5.24%	0.395%
78	20.739	3014	3018	3024	rBV	1449521	1994659	9.94%	0.749%
79	20.910	3042	3047	3051	rBV3	1282073	2047863	10.21%	0.768%
80	20.951	3051	3054	3057	rVV	1127096	1479847	7.38%	0.555%
81	20.992	3057	3061	3067	rVV3	1760163	3431811	17.10%	1.288%
82	21.057	3068	3072	3083	rVB	1386116	2418399	12.05%	0.908%
83	21.292	3106	3112	3118	rBV3	6376273	13945743	69.50%	5.233%
84	21.351	3118	3122	3133	rVB	5904588	9556256	47.63%	3.586%
85	21.486	3141	3145	3151	rBV2	748524	1364045	6.80%	0.512%
86	21.551	3153	3156	3161	rVB2	296702	426232	2.12%	0.160%
87	21.680	3173	3178	3184	rVB3	585357	1229707	6.13%	0.461%
88	21.980	3225	3229	3234	rVB	849582	1337110	6.66%	0.502%
89	22.045	3236	3240	3249	rVB3	681981	1449088	7.22%	0.544%
90	22.227	3267	3271	3275	rBV2	406524	637639	3.18%	0.239%
91	22.668	3341	3346	3354	rVB4	997604	2009230	10.01%	0.754%
92	23.321	3449	3457	3463	rBV	4260733	12238707	60.99%	4.593%
93	23.551	3491	3496	3504	rVB	748957	1516020	7.56%	0.569%
94	23.980	3561	3569	3575	rBV	2350358	5958478	29.70%	2.236%
95	24.051	3575	3581	3586	rVV2	1995105	5201766	25.92%	1.952%
96	24.110	3586	3591	3602	rVB	3555071	8569543	42.71%	3.216%
97	24.251	3607	3615	3621	rBV	1588287	4124284	20.55%	1.548%
98	24.315	3621	3626	3640	rVB2	1041237	2972795	14.82%	1.116%
99	27.562	4168	4178	4199	rVB2	1705837	7782363	38.79%	2.920%
100	28.603	4345	4355	4370	rVB2	1347581	5313382	26.48%	1.994%

Sum of corrected areas: 266487002

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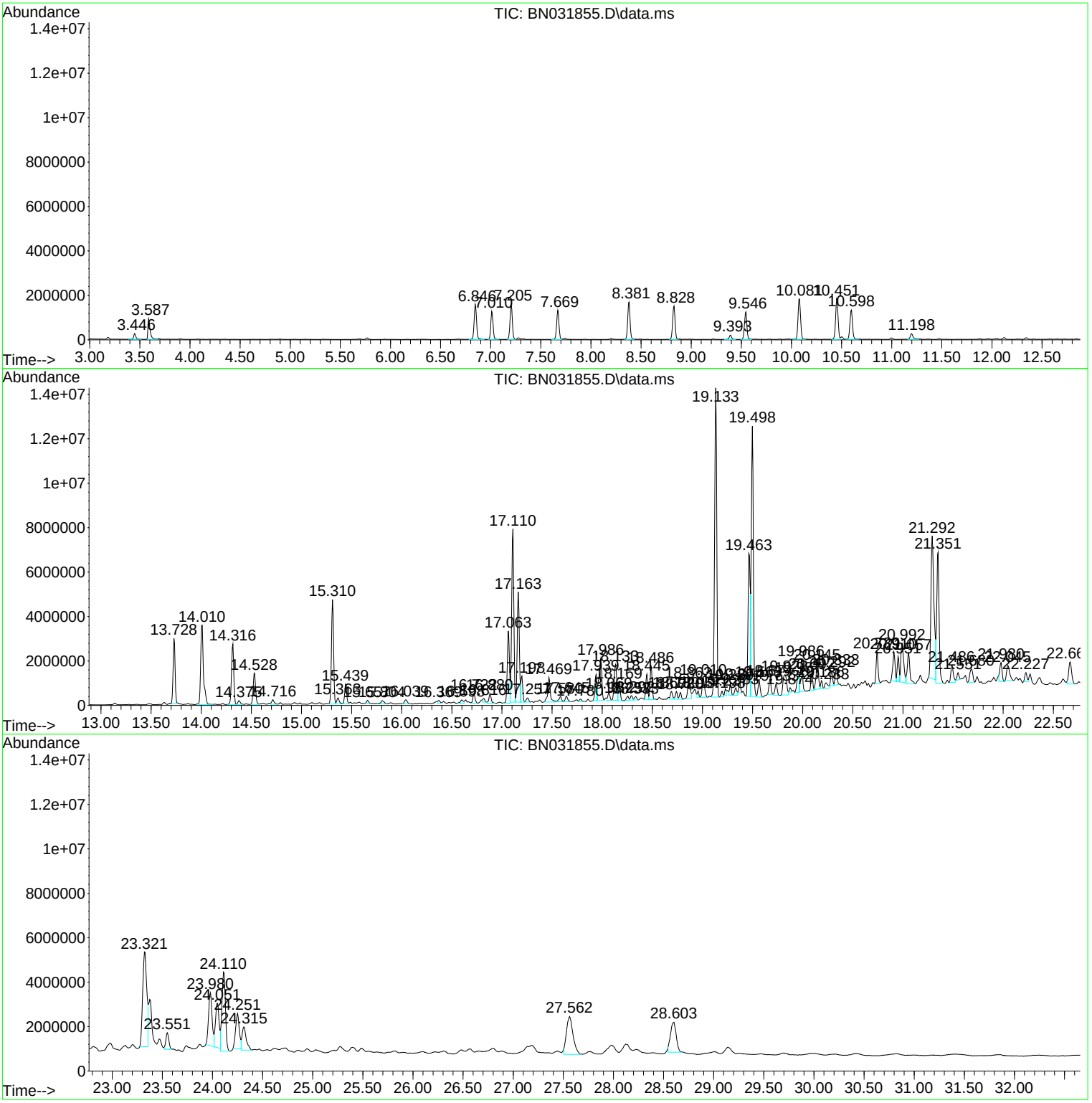
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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

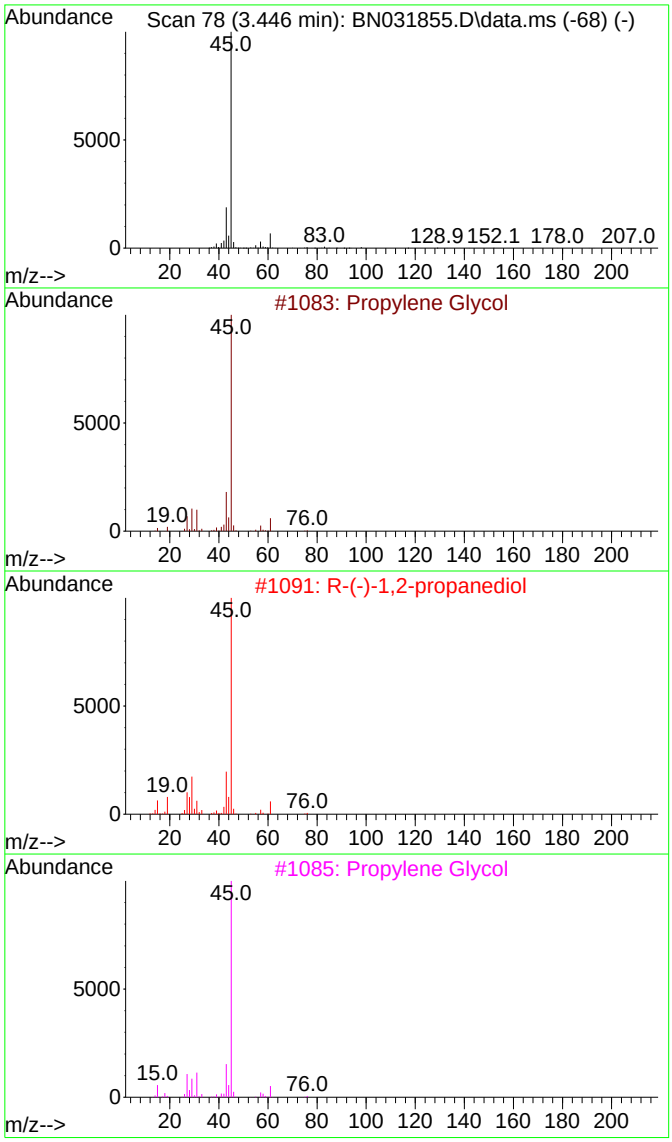
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

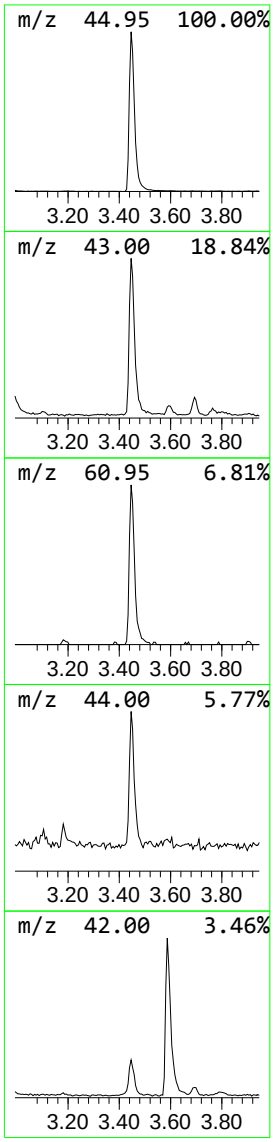
****

Peak Number 1 Propylene Glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.446	3.75 ng/ul	392579	1,4-Dichlorobenzene-d4	7.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Propylene Glycol	76	C3H8O2	000057-55-6	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

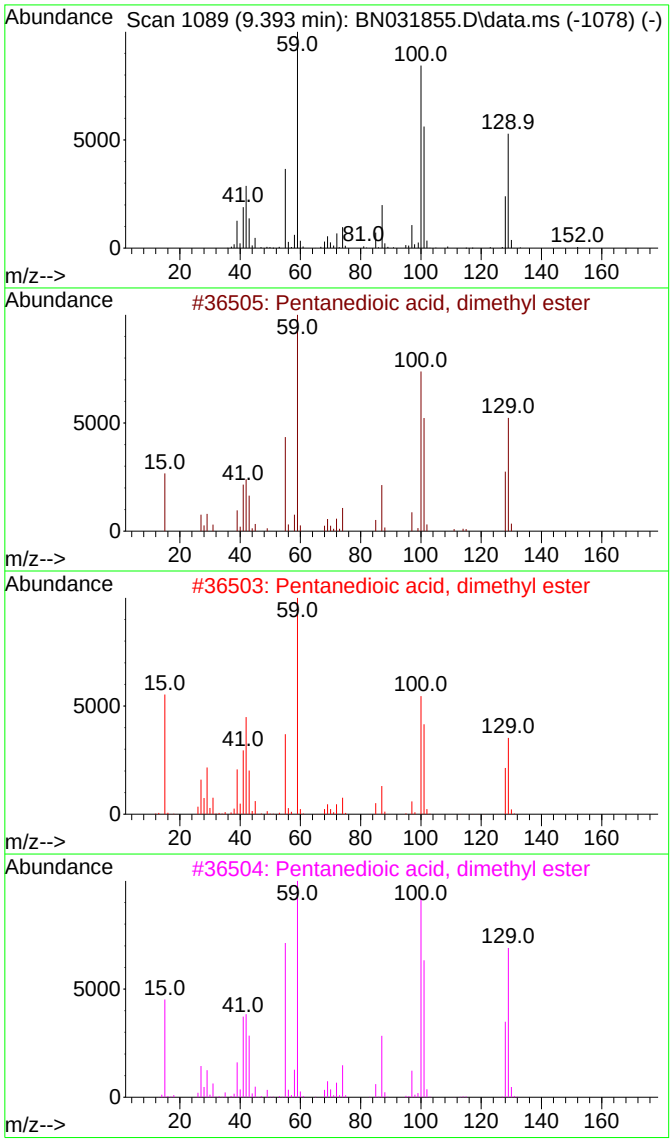
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

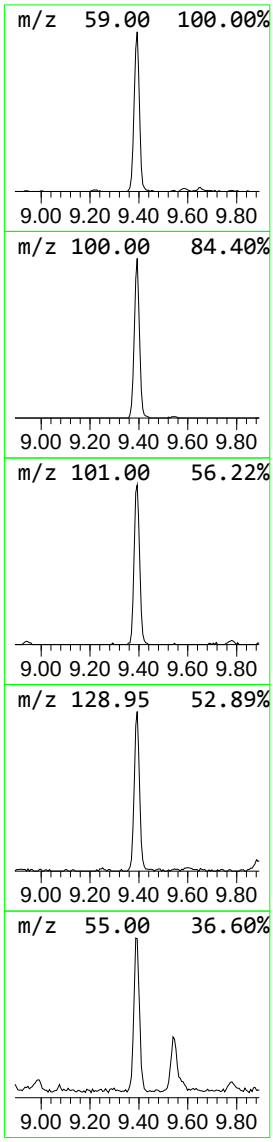
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentanedioic acid, dimethyl... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.393	2.05 ng/ul	322950	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	83
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	83
4	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	78
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

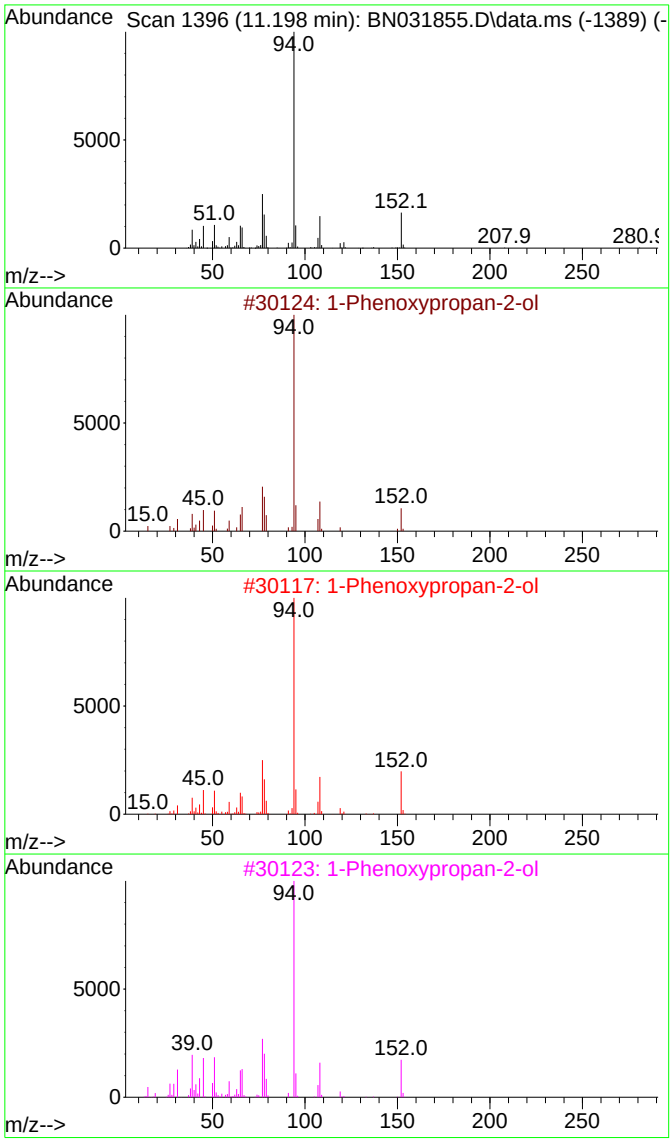
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

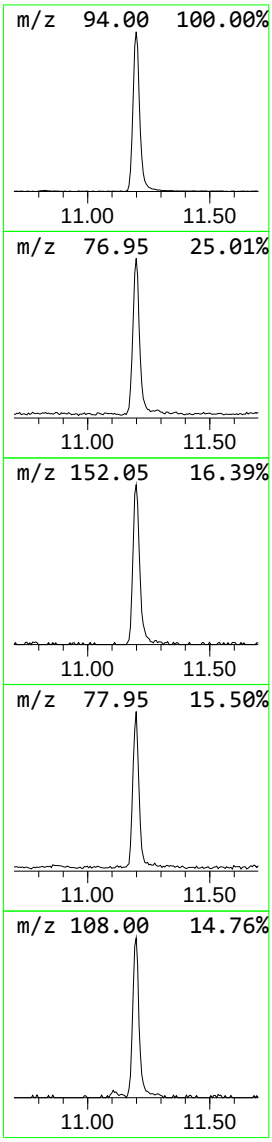
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	3.24 ng/ul	509336	Naphthalene-d8	10.451

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	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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

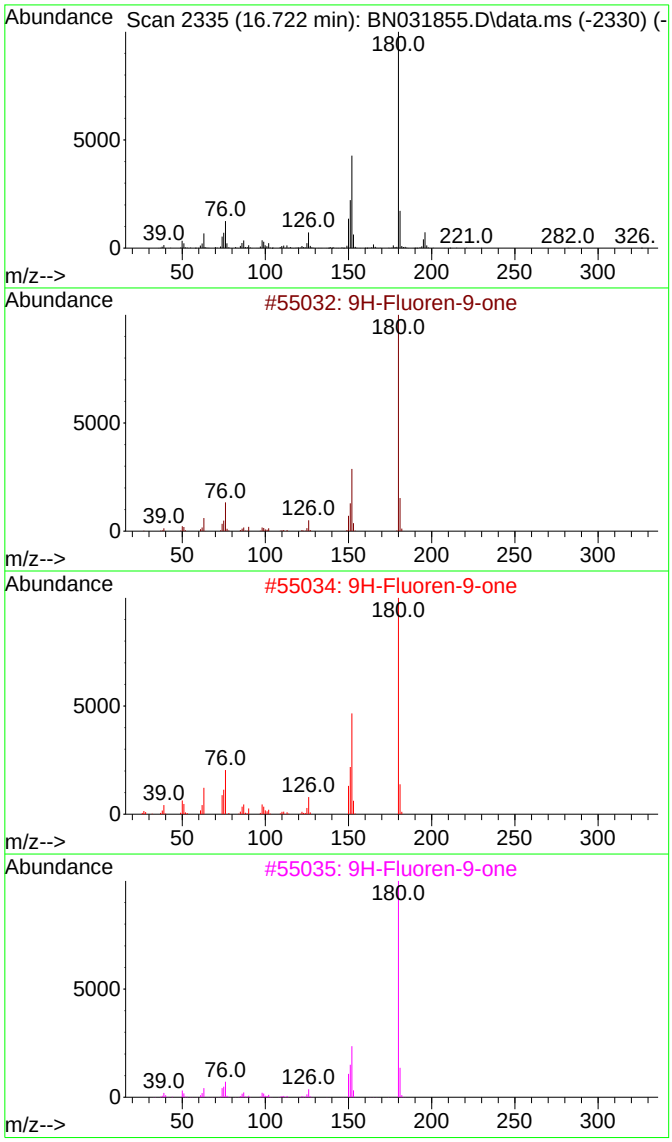
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

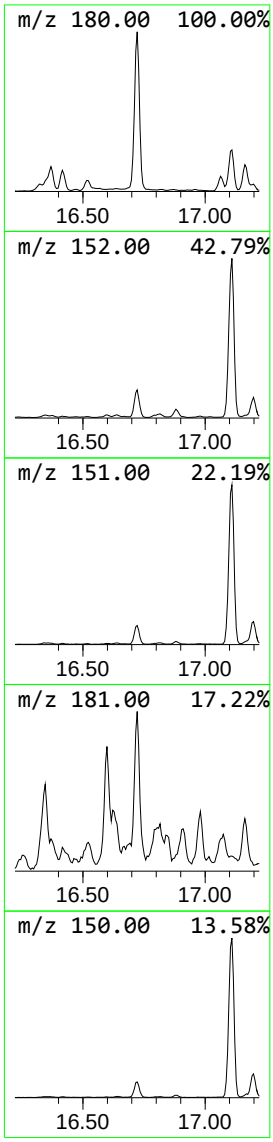
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	2.90 ng/ul	692996	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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

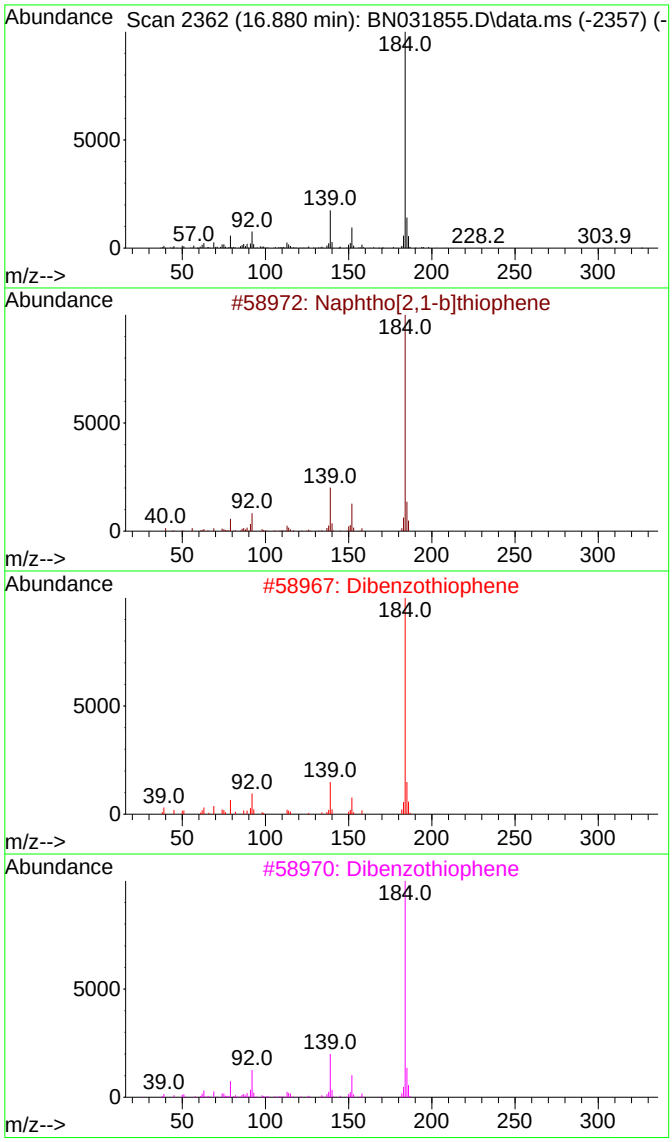
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

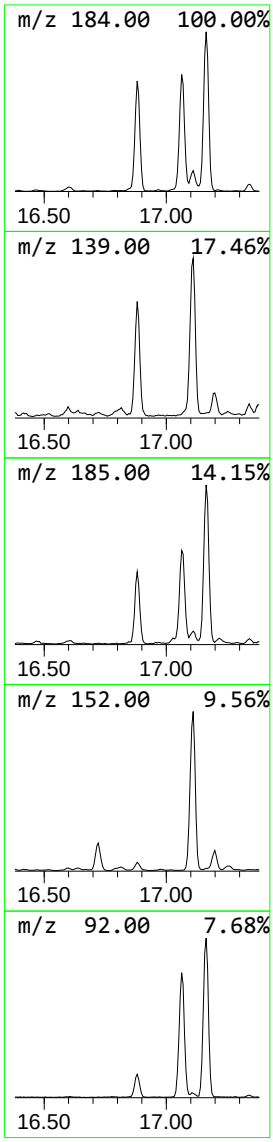
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	2.95 ng/ul	705546	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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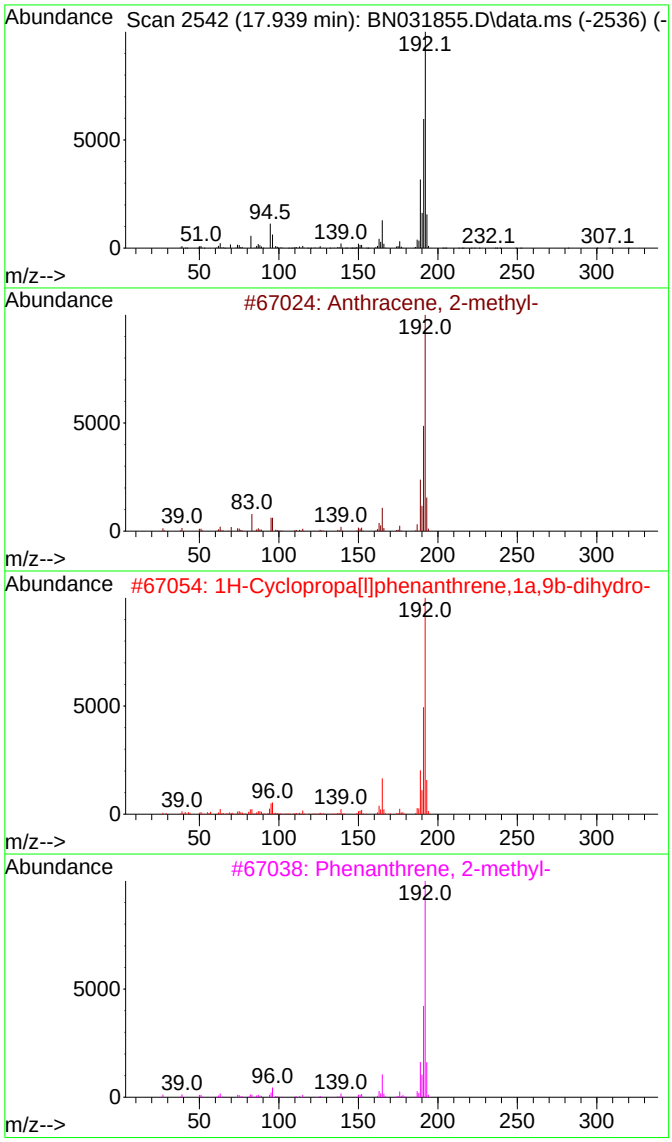
Quant Title : SVOA CALIBRATION

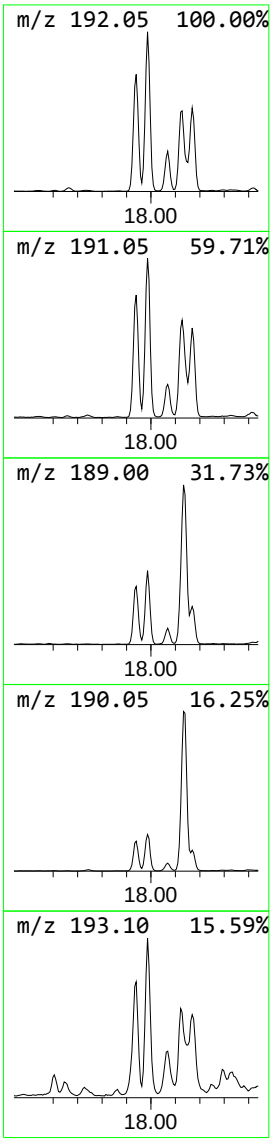
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	7.09 ng/ul	1693800	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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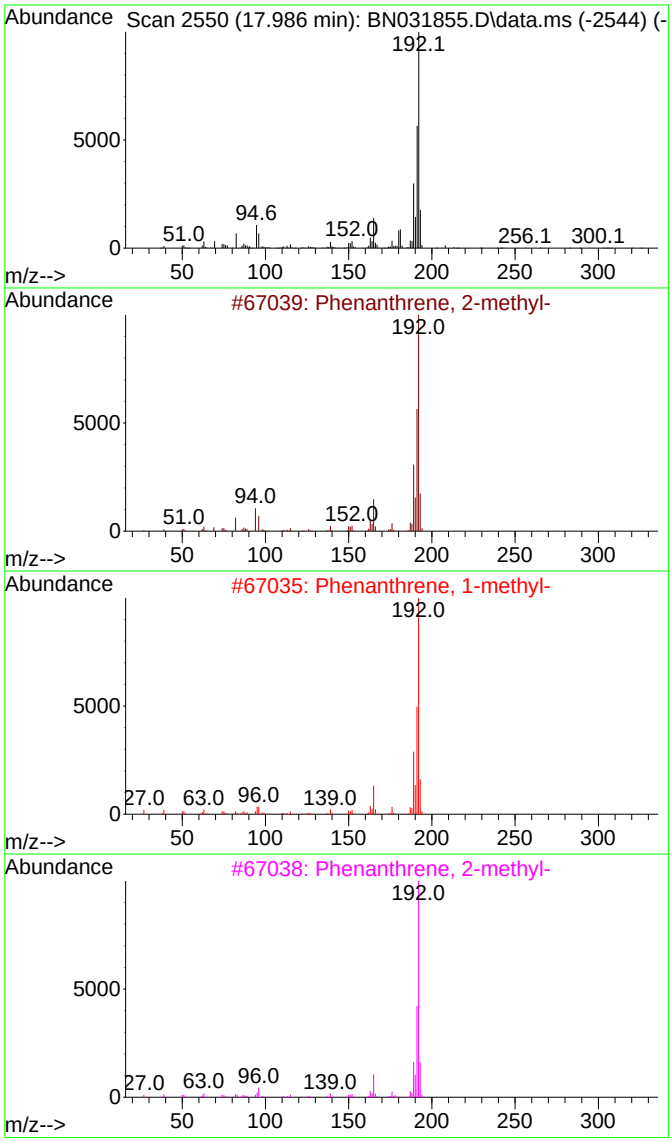
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

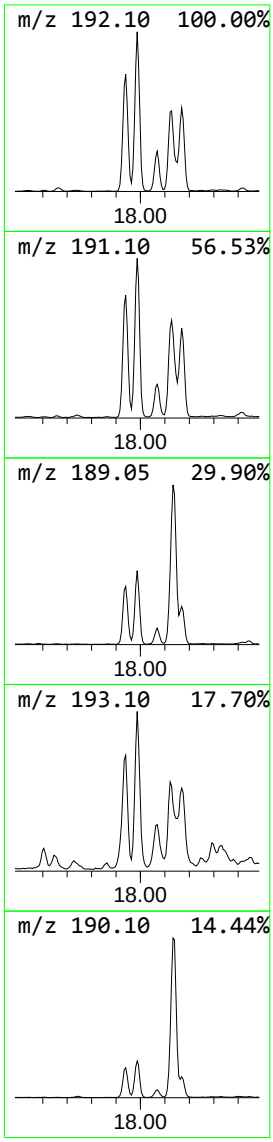
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	15.24 ng/ul	3642850	Phenanthrene-d10	17.063

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	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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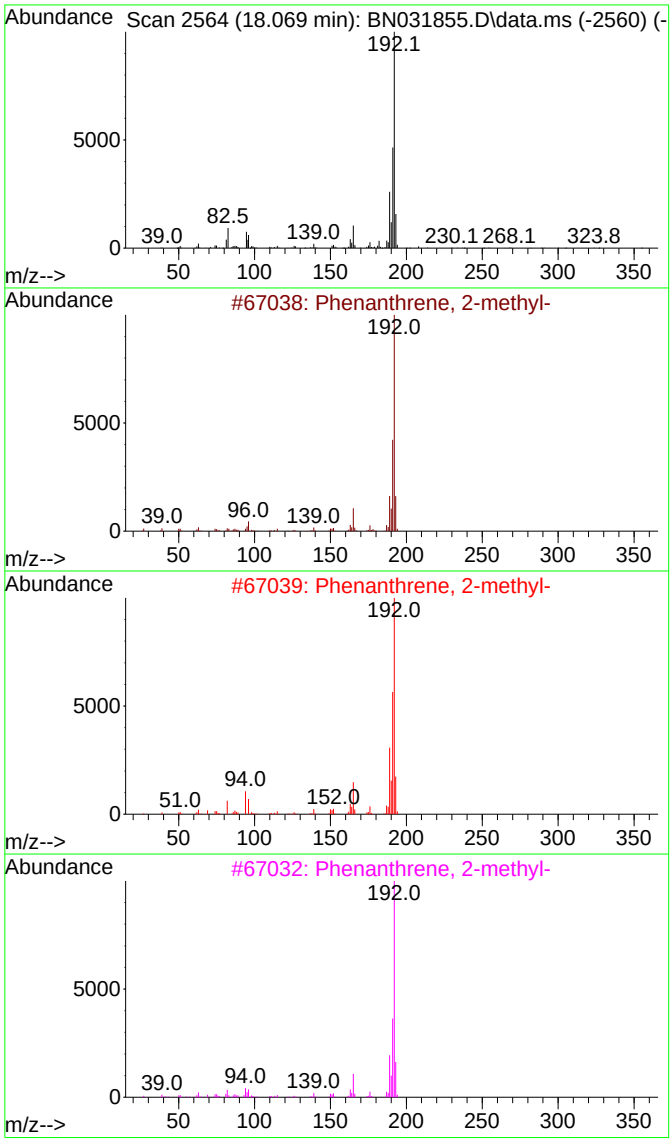
Quant Title : SVOA CALIBRATION

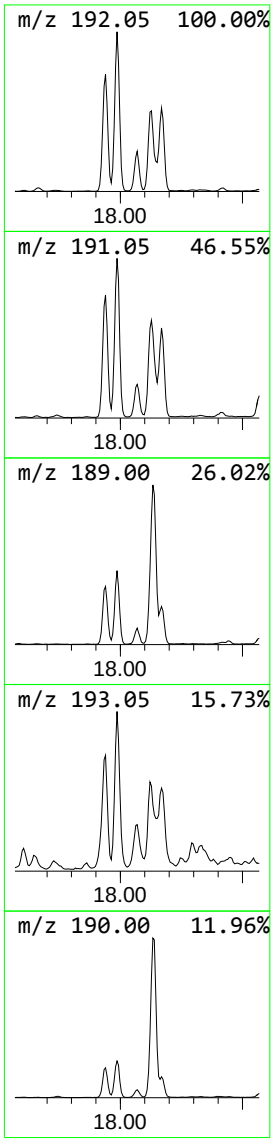
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	2.22 ng/ul	531050	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBX5

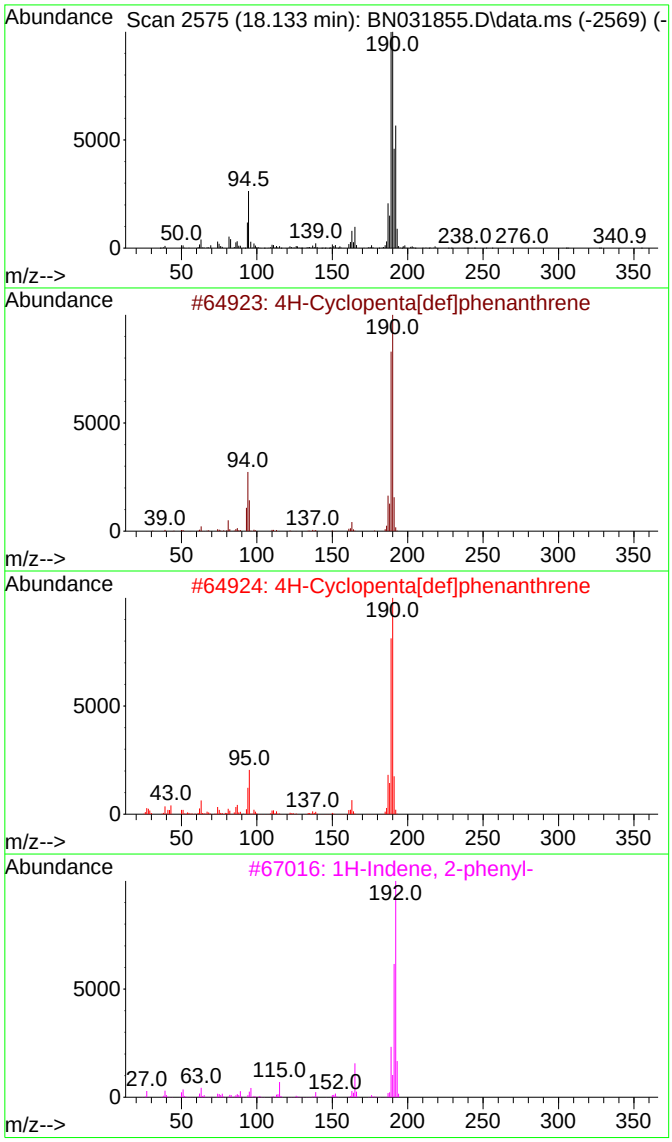
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

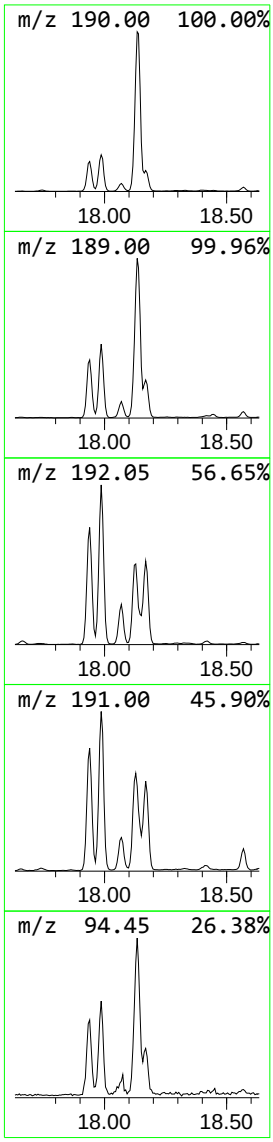
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	12.76 ng/ul	3049910	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION

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

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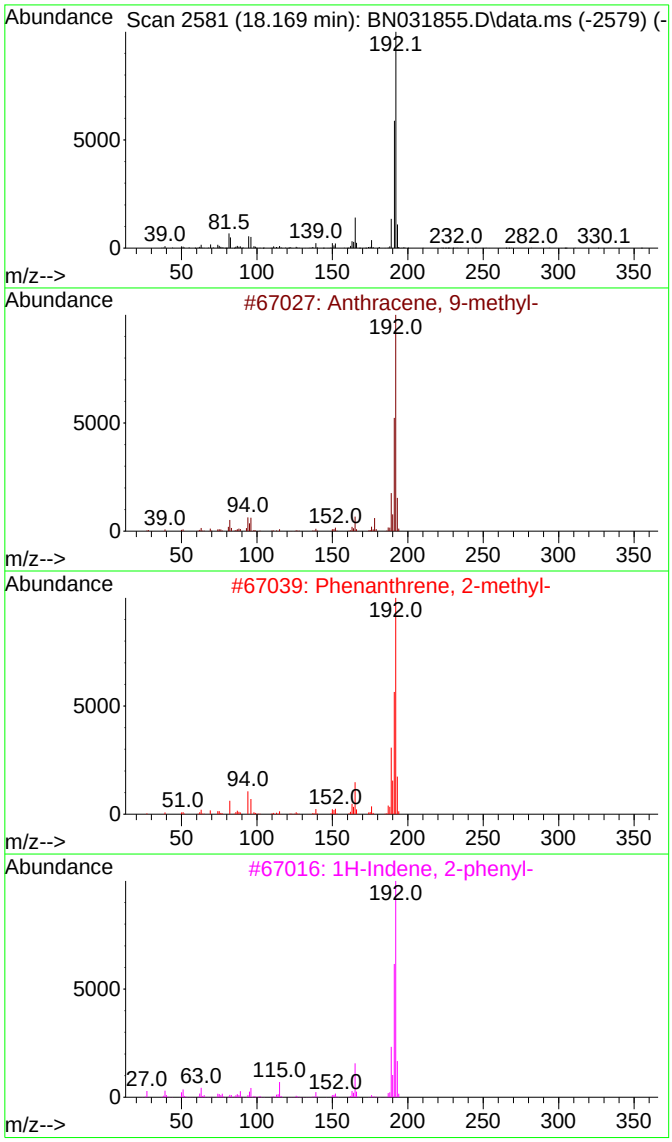
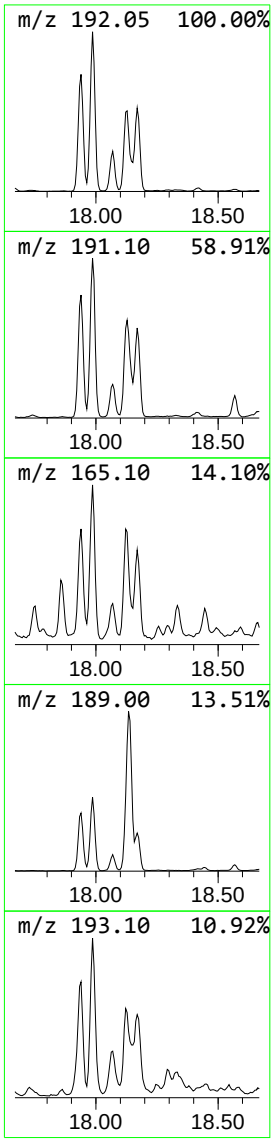
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	4.46 ng/ul	1066190	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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Sample : P2634-11
Misc :
ALS Vial : 6 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

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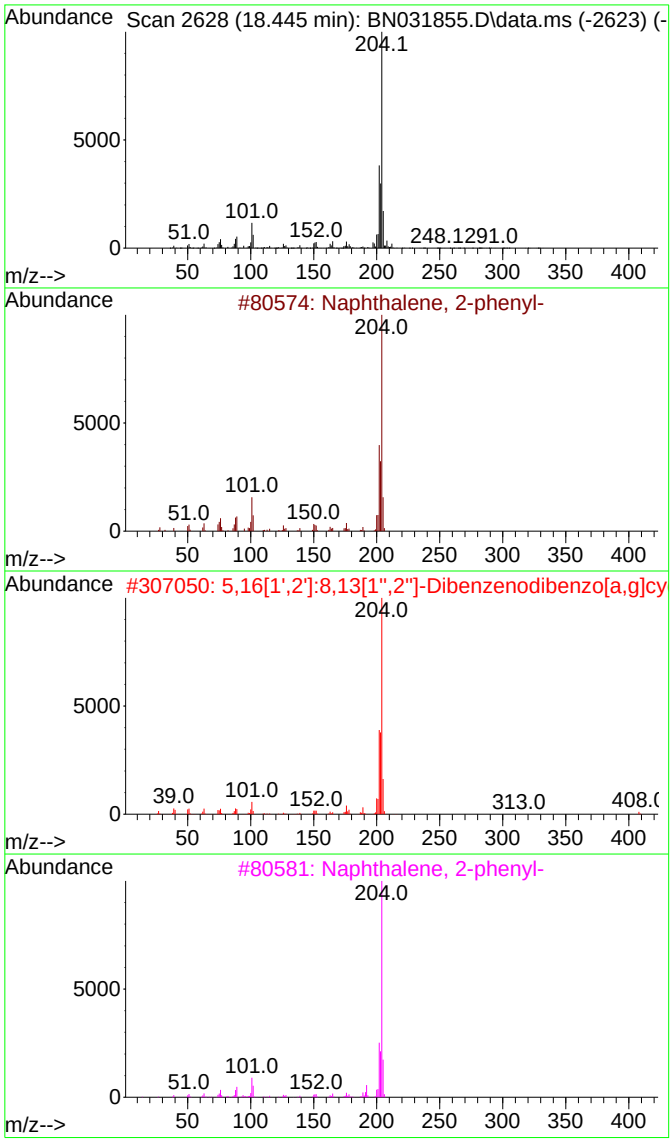
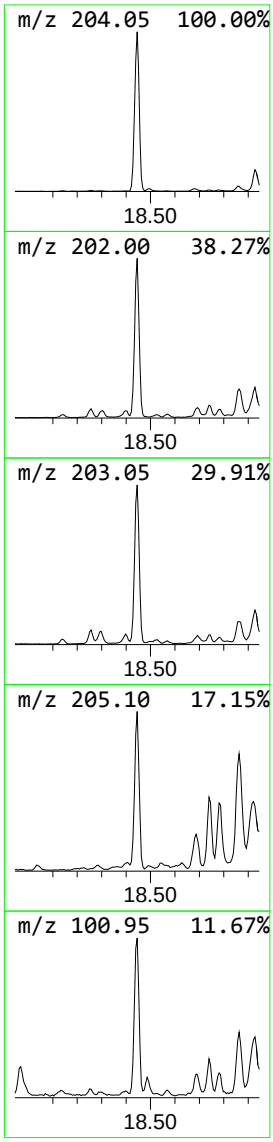
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	6.44 ng/ul	1539170	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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

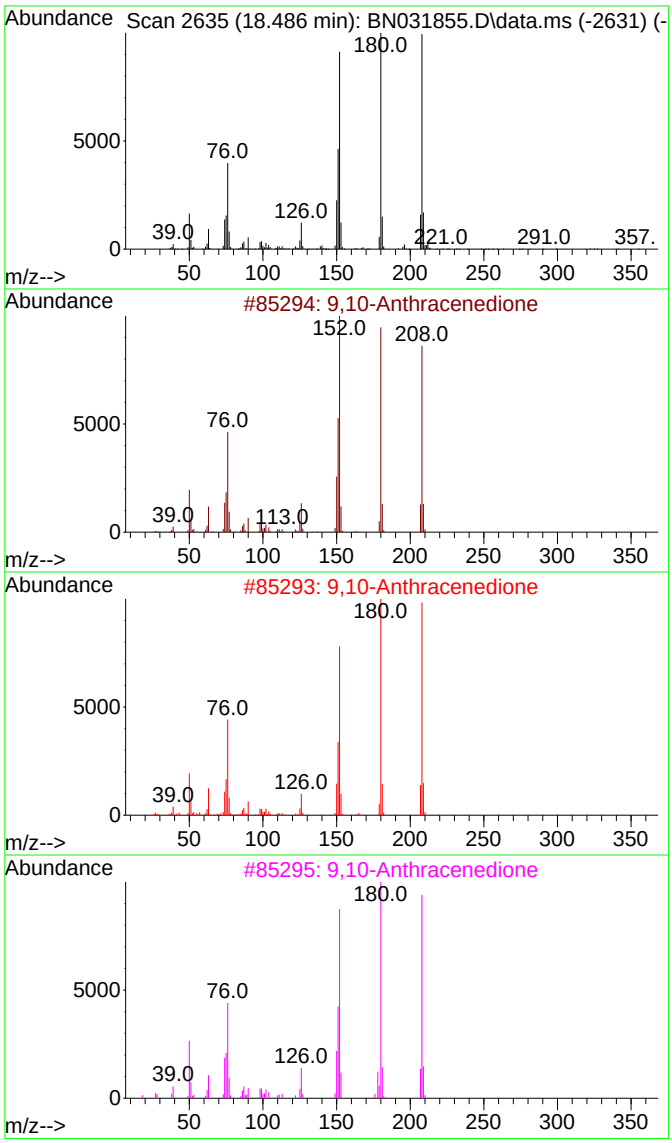
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

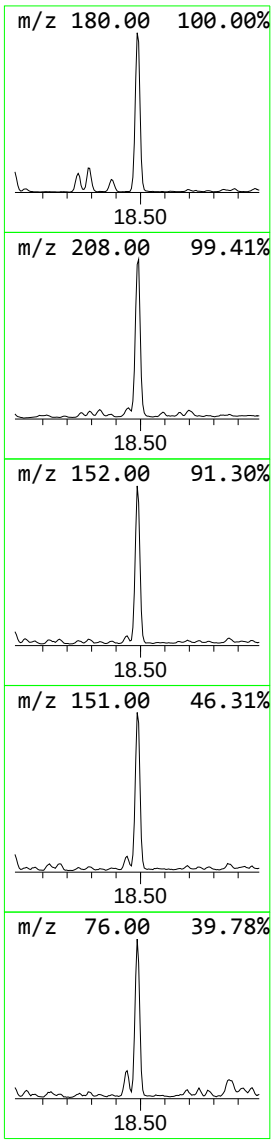
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	8.92 ng/ul	2131420	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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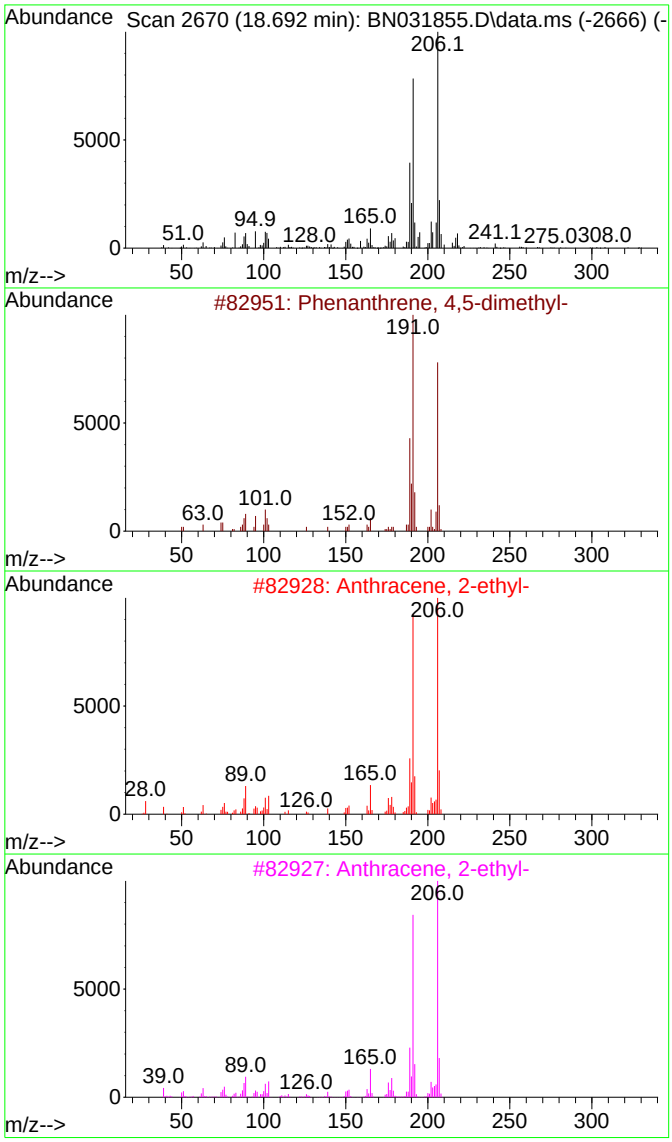
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

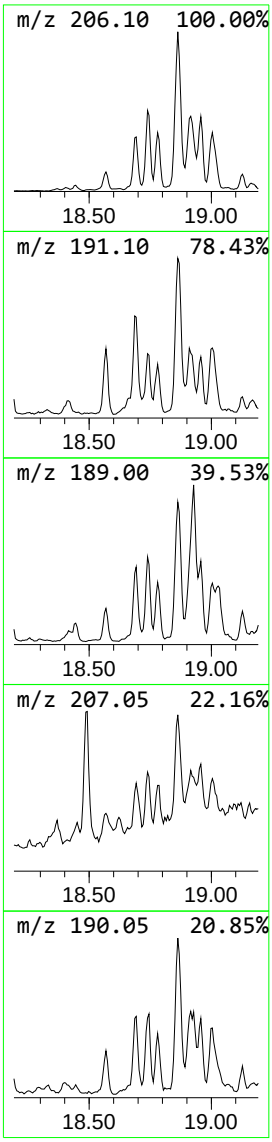
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.21 ng/ul	527178	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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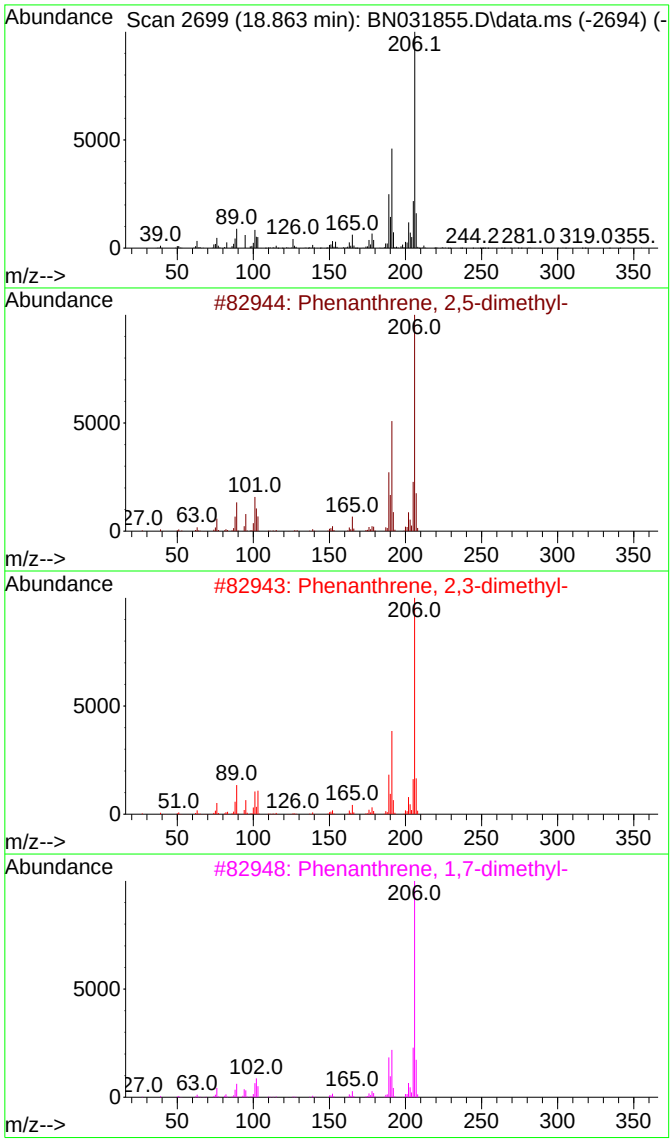
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

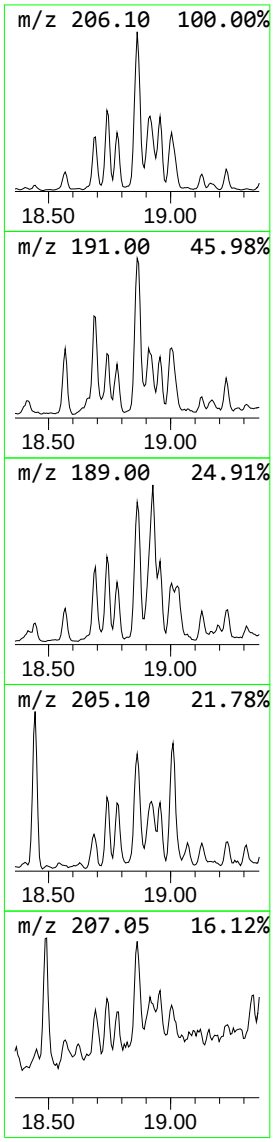
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	5.99 ng/ul	1431590	Phenanthrene-d10	17.063

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	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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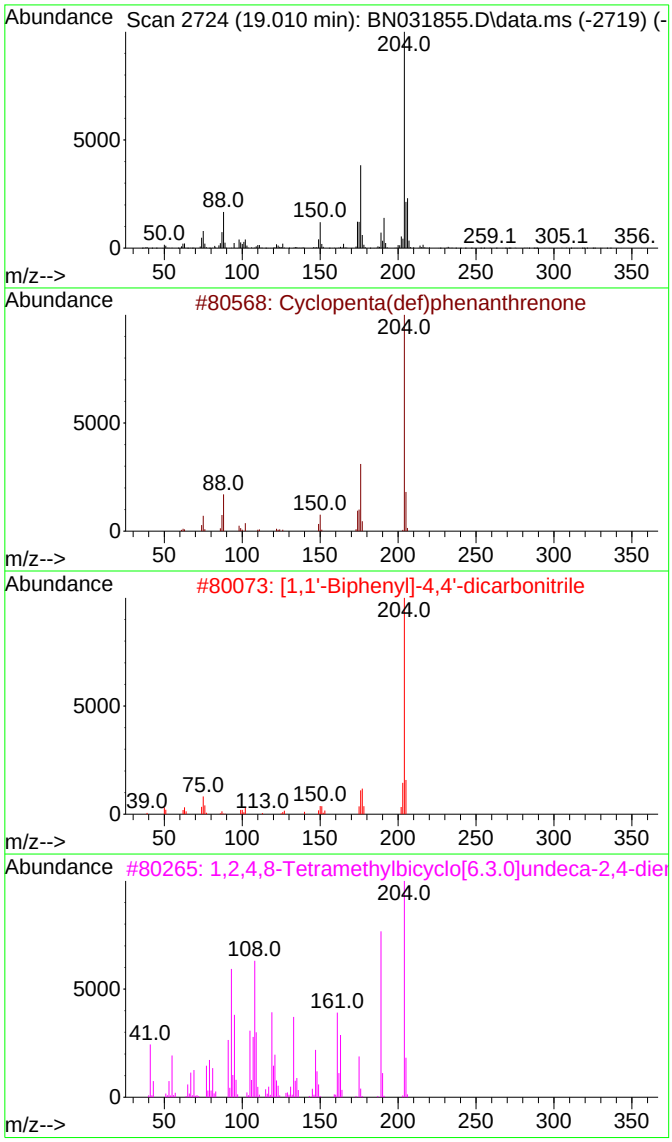
Quant Title : SVOA CALIBRATION

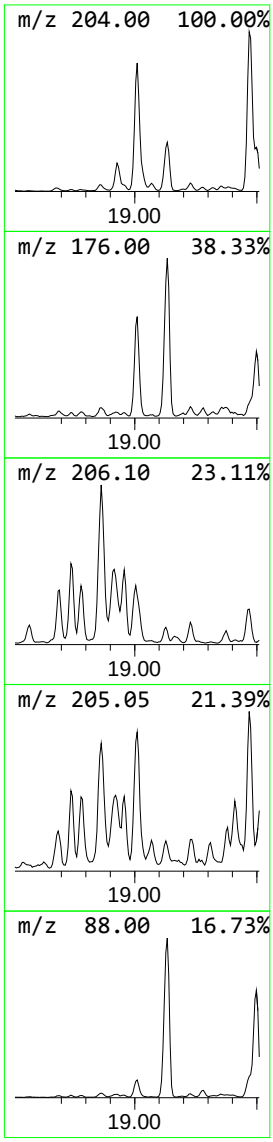
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	6.07 ng/ul	1450410	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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ALS Vial : 6 Sample Multiplier: 1

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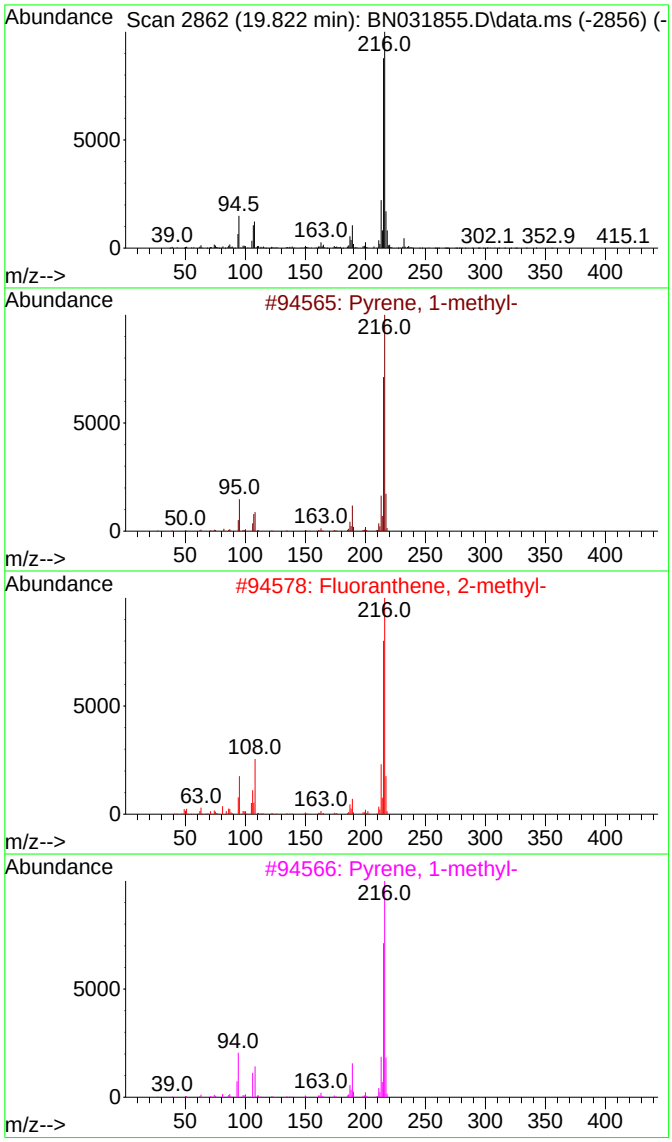
Quant Title : SVOA CALIBRATION

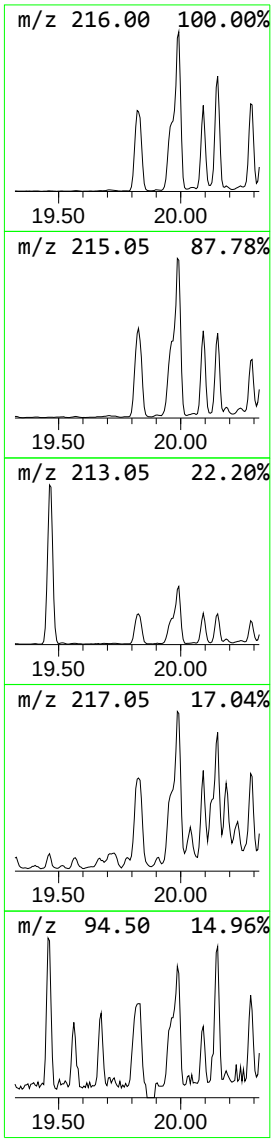
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	3.28 ng/ul	2285030	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 08 Jun 2024 12:34
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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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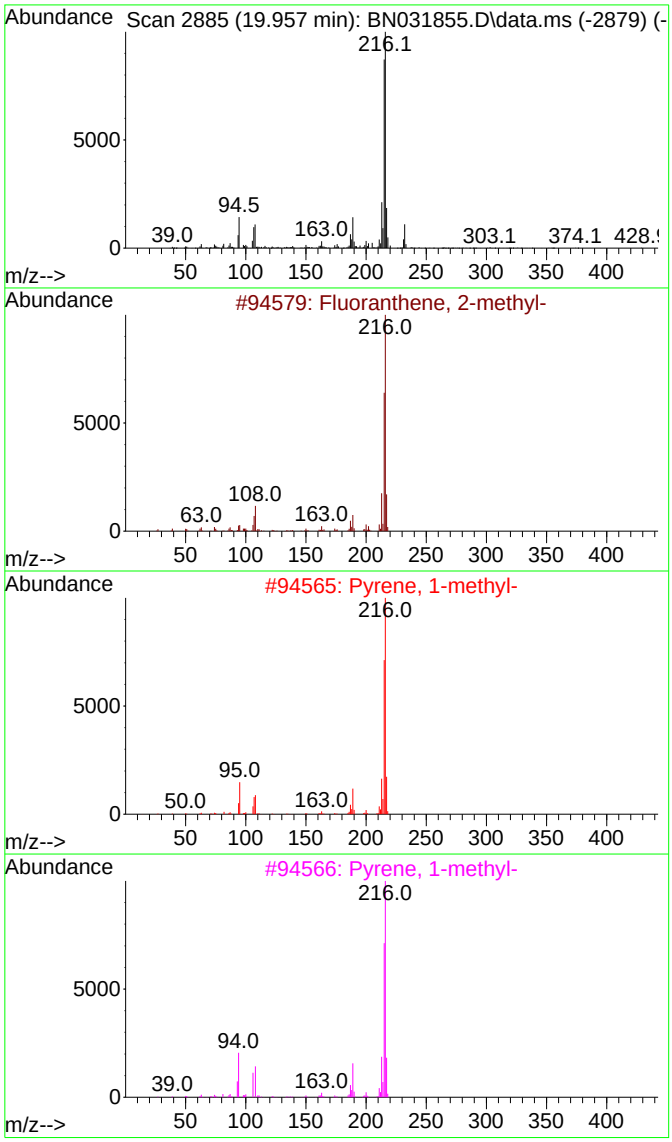
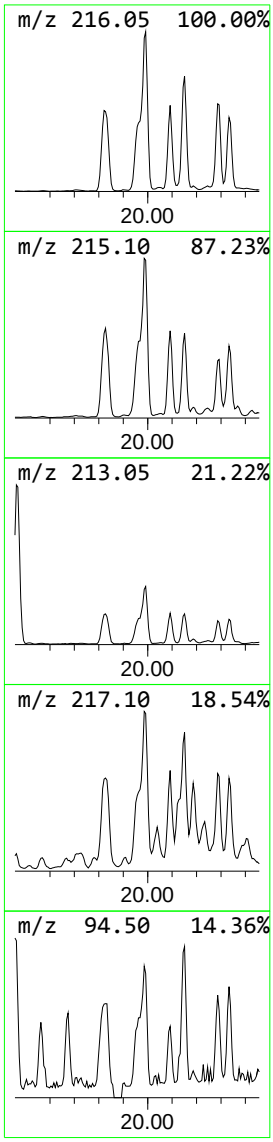
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	2.09 ng/ul	1460040	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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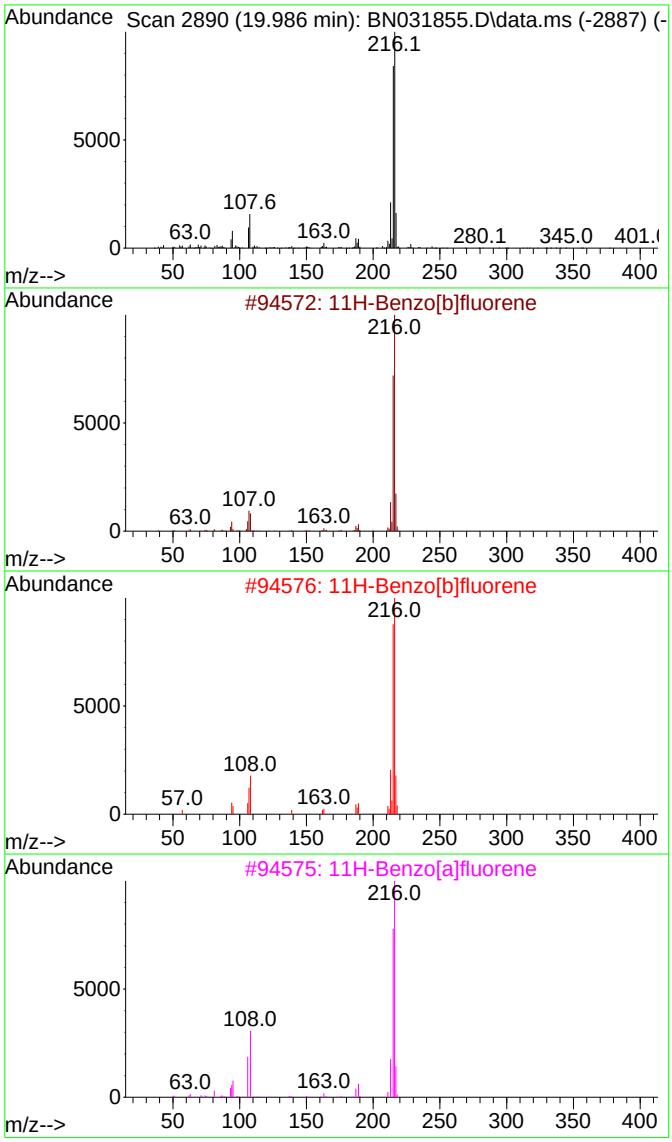
Quant Title : SVOA CALIBRATION

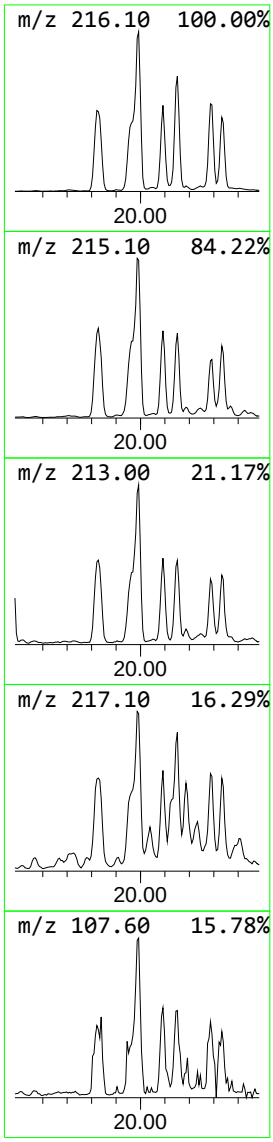
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	3.10 ng/ul	2161750	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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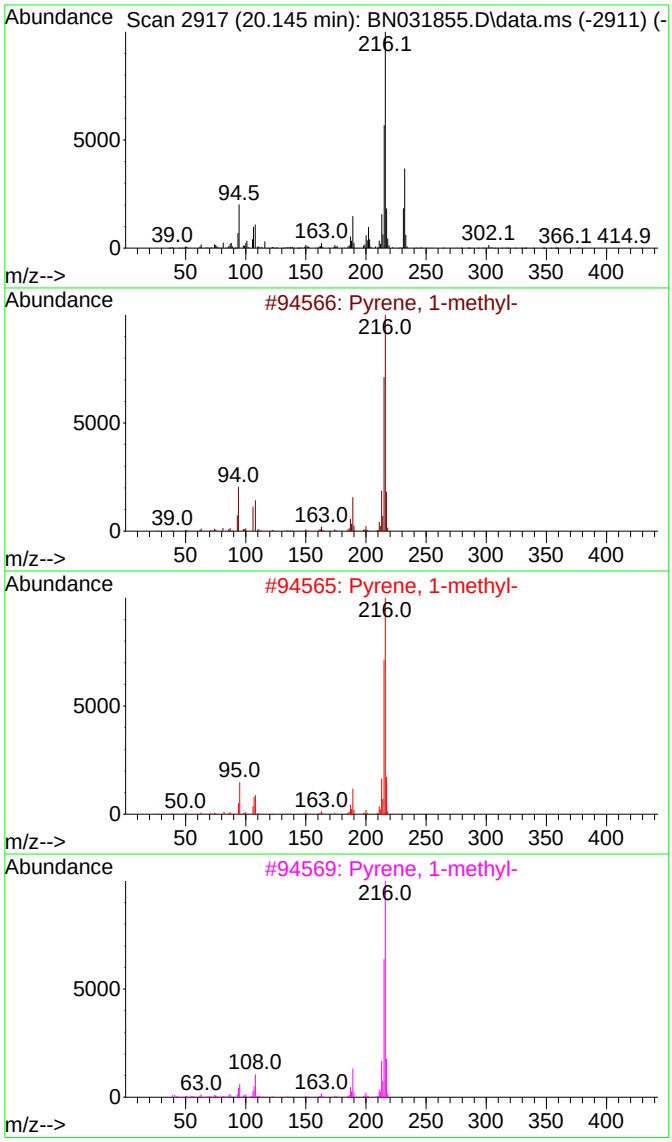
Quant Title : SVOA CALIBRATION

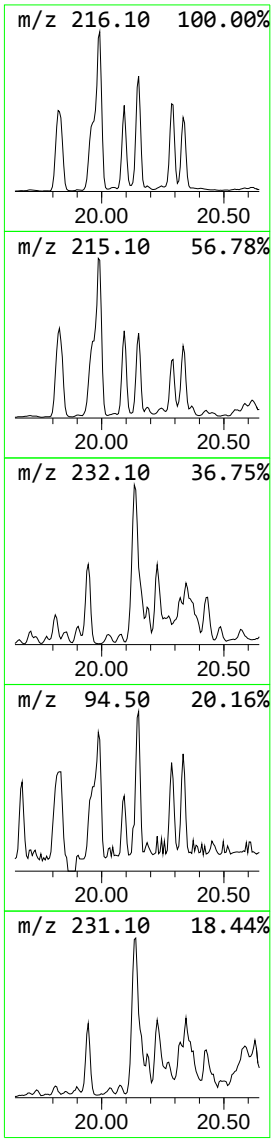
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.90 ng/ul	2019490	Chrysene-d12	21.304

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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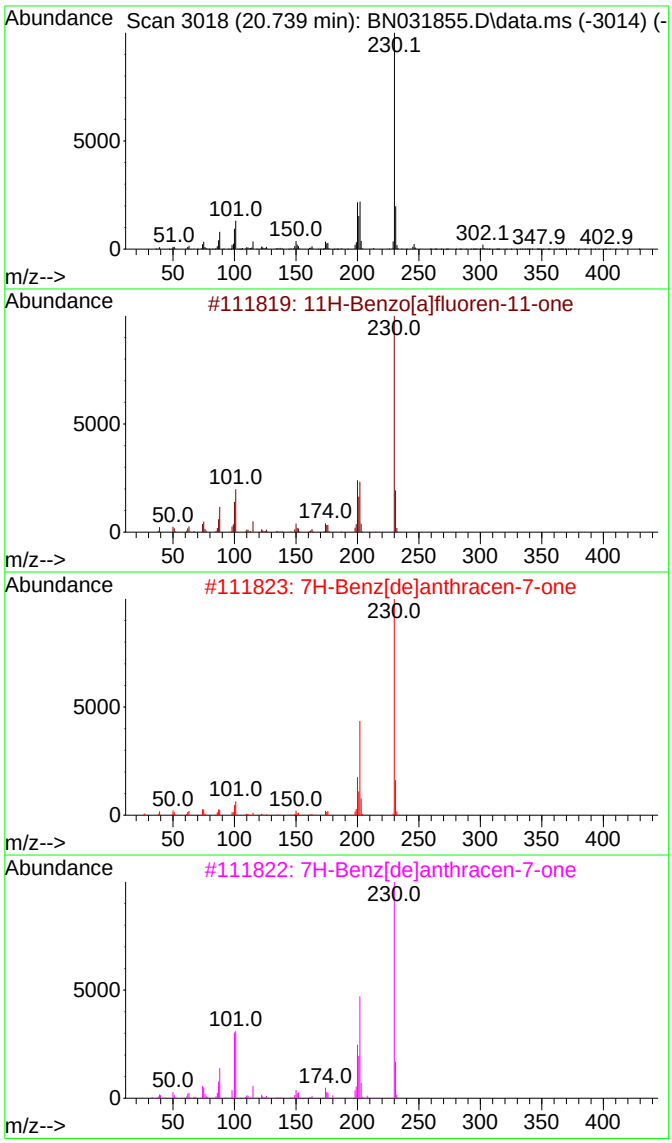
Quant Title : SVOA CALIBRATION

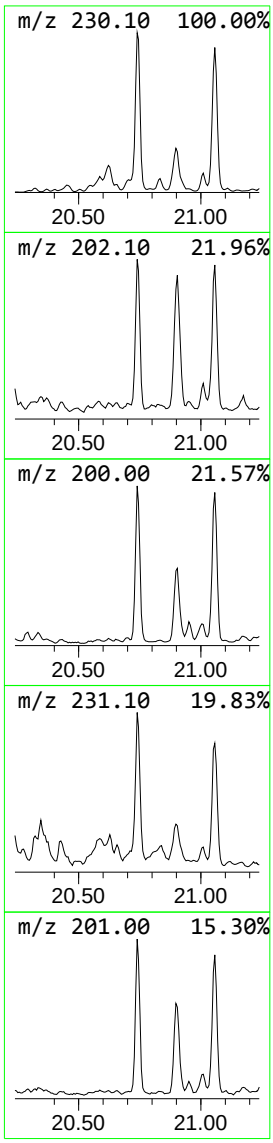
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	2.86 ng/ul	1994660	Chrysene-d12	21.304

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	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83





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Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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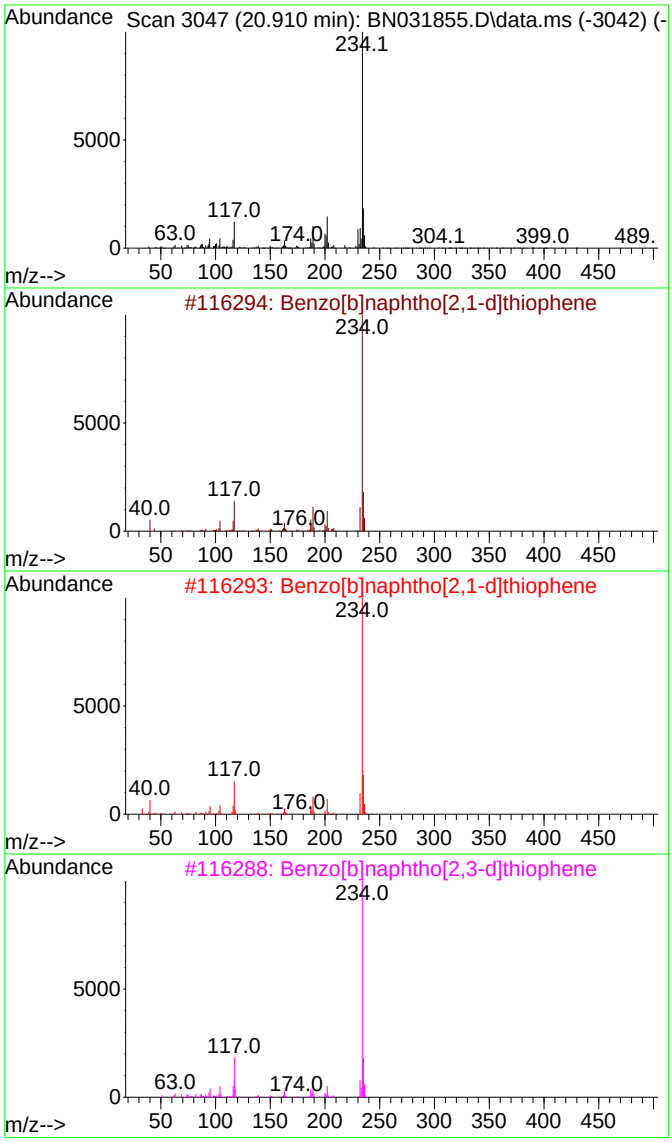
Quant Title : SVOA CALIBRATION

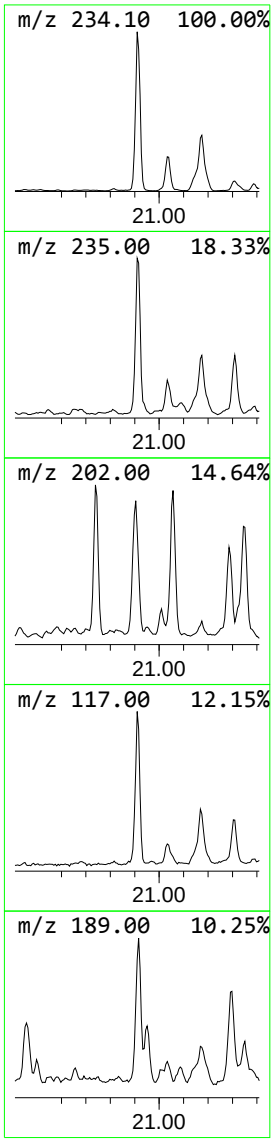
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.94 ng/ul	2047860	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
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	91
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





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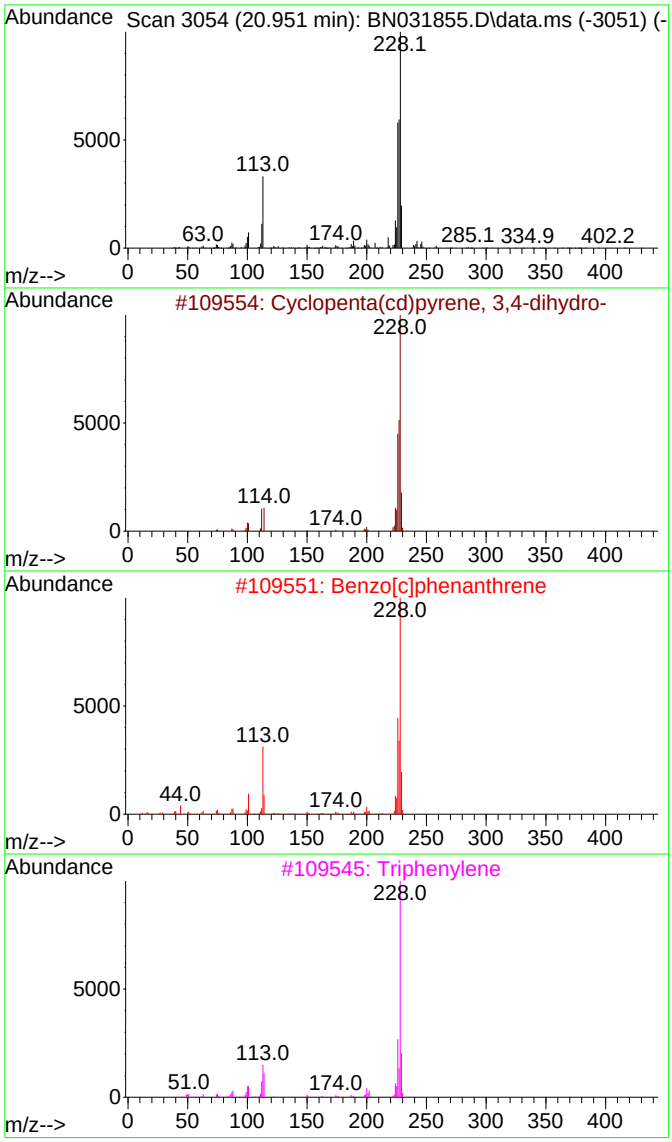
Quant Title : SVOA CALIBRATION

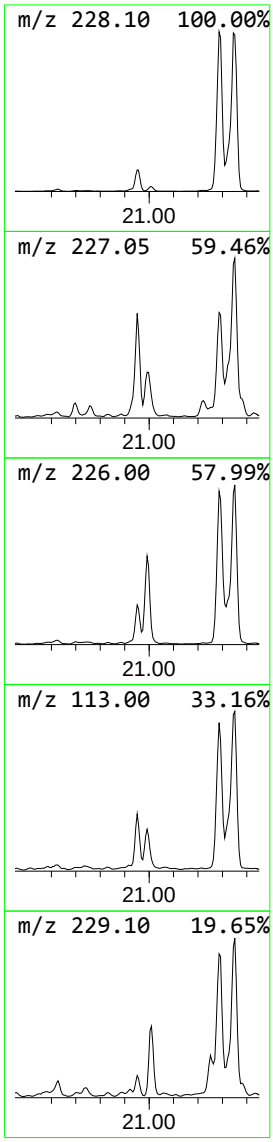
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	2.12 ng/ul	1479850	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Triphenylene	228	C18H12	000217-59-4	60
4	Triphenylene	228	C18H12	000217-59-4	60
5	Triphenylene	228	C18H12	000217-59-4	60





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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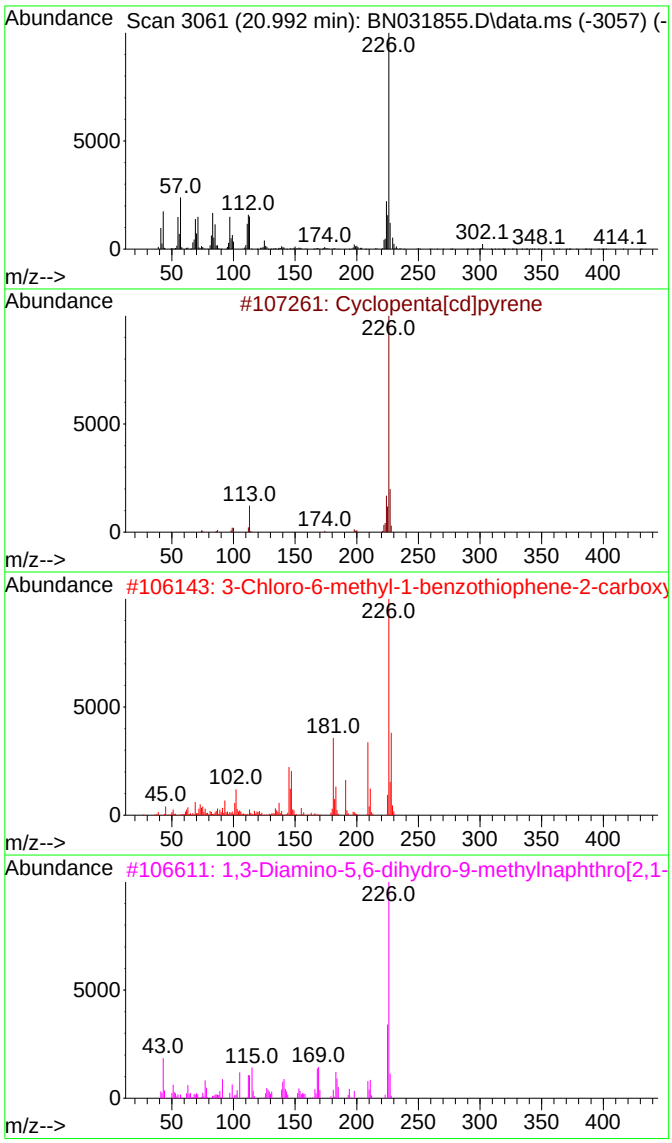
Quant Title : SVOA CALIBRATION

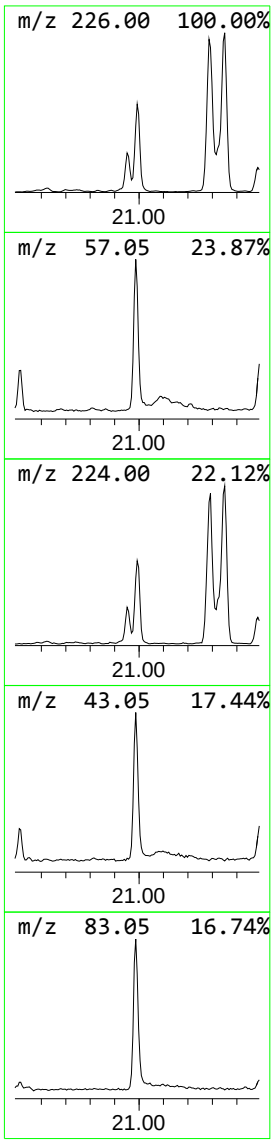
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	4.92 ng/ul	3431810	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	43
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	38
4	Carbonic acid, monoamide, N-(2-p...	269	C16H31NO2	1000490-01-2	32
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	28





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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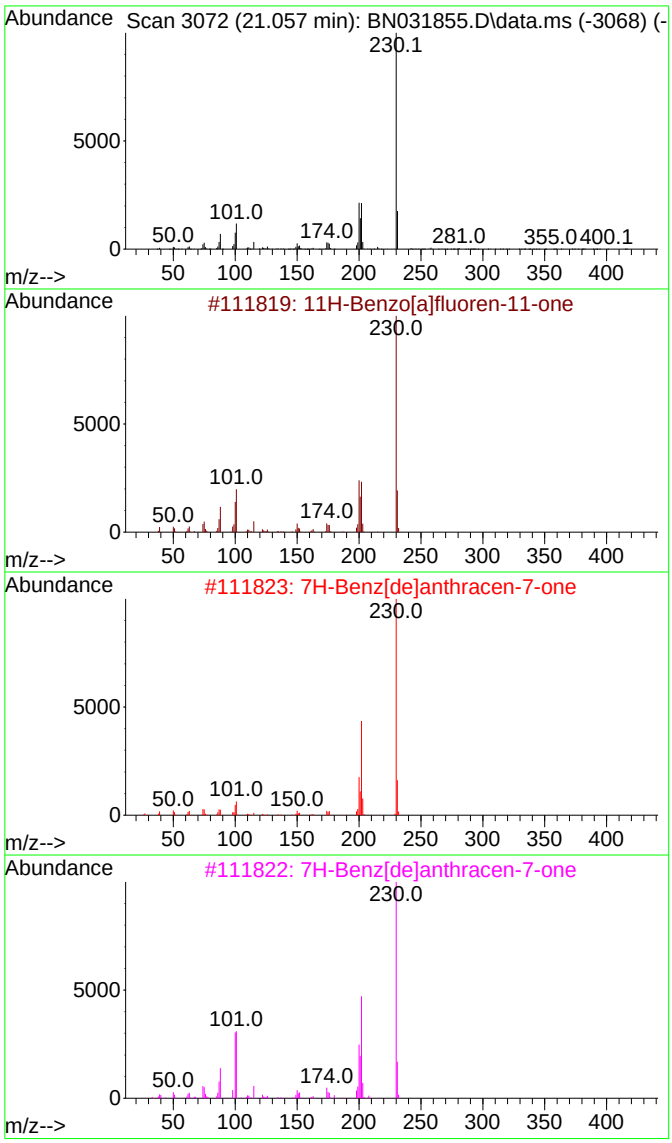
Quant Title : SVOA CALIBRATION

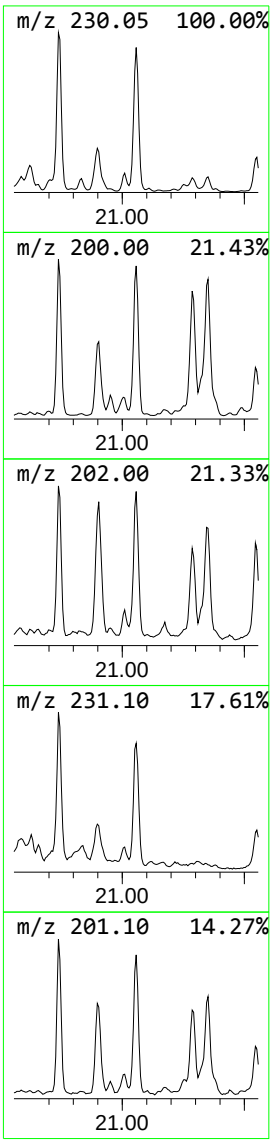
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	3.47 ng/ul	2418400	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	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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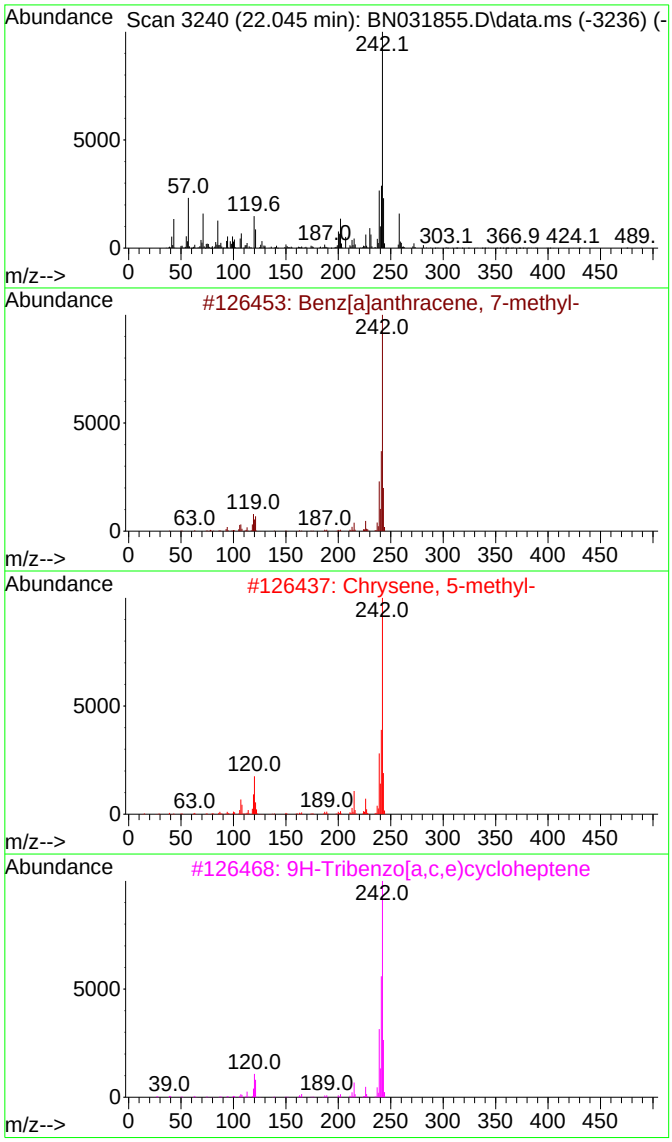
Quant Title : SVOA CALIBRATION

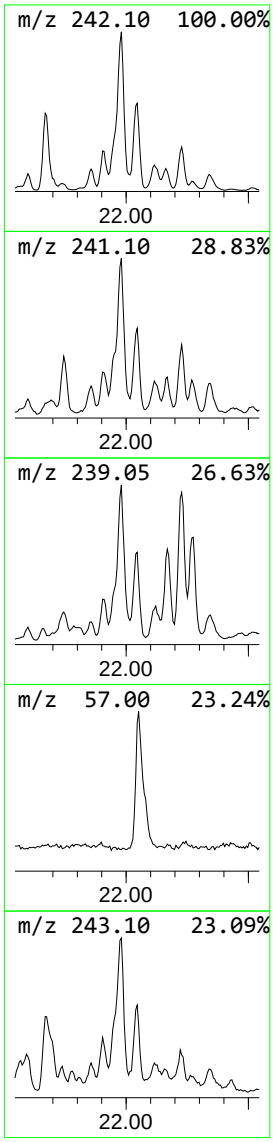
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benz[a]anthracene, 7-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.045	2.08 ng/ul	1449090	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	78
3	9H-Tribenzo[a,c,e)cycloheptene	242	C19H14	000213-10-5	78
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	70





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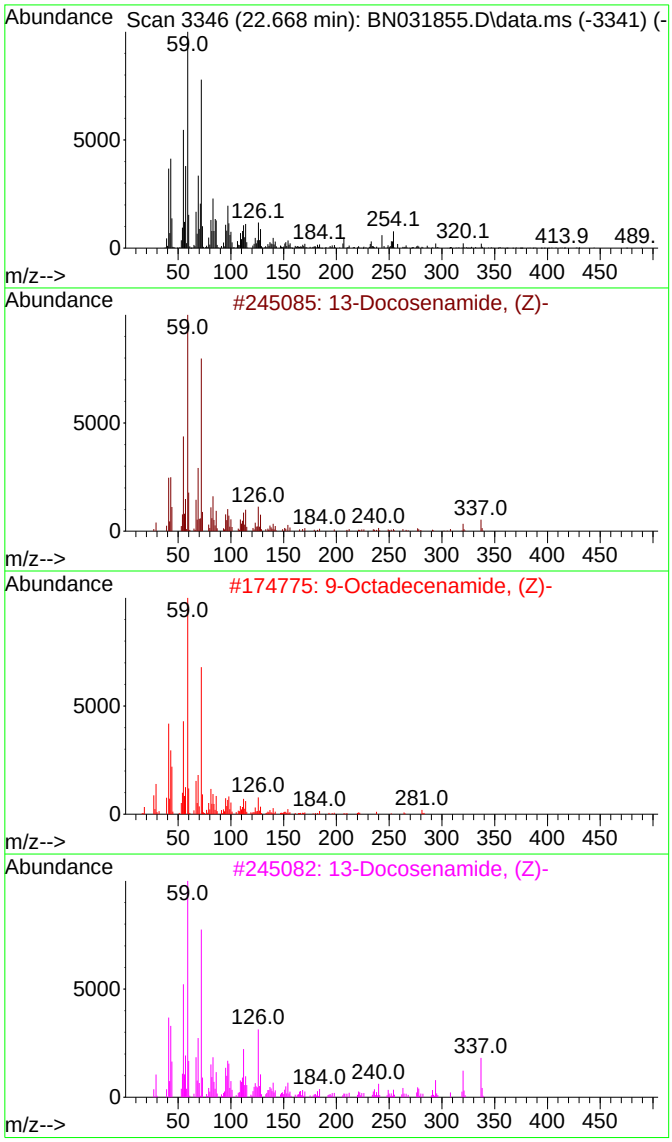
Quant Title : SVOA CALIBRATION

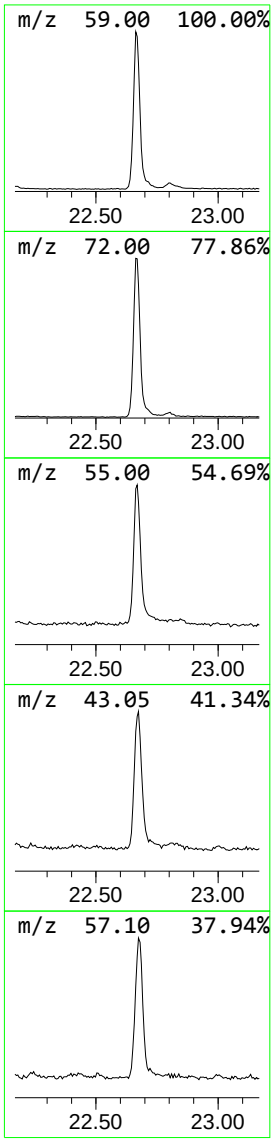
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 13-Docosenamide, (Z)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.668	2.88 ng/ul	2009230	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
4	Palmitoleamide	253	C16H31NO	106010-22-4	64
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59





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Quant Title : SVOA CALIBRATION

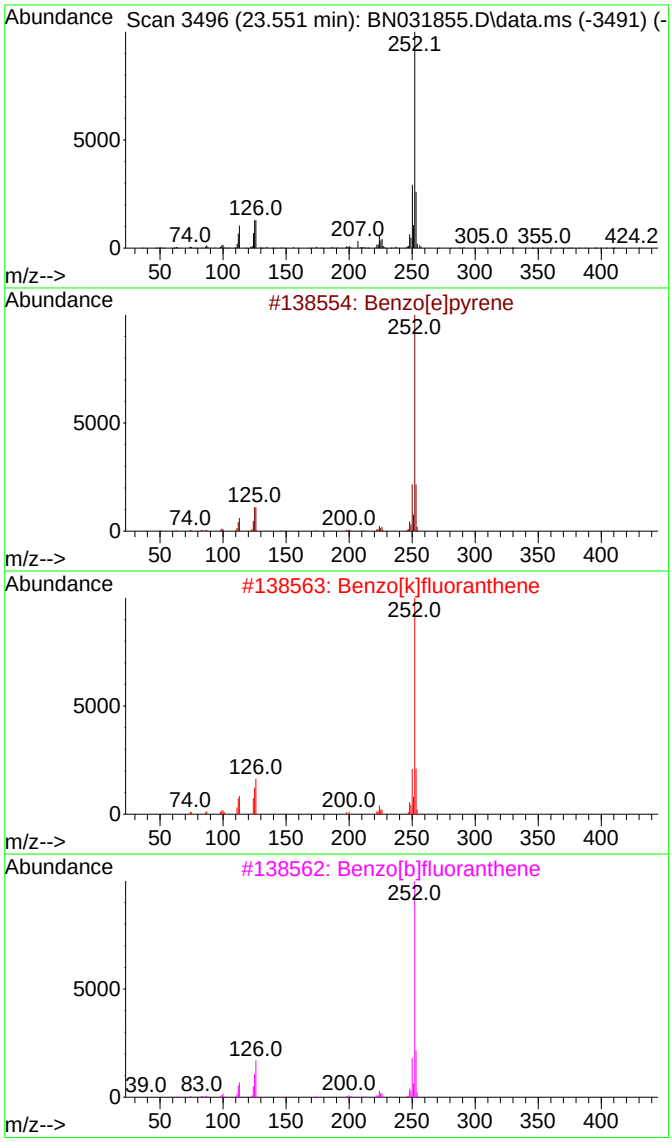
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

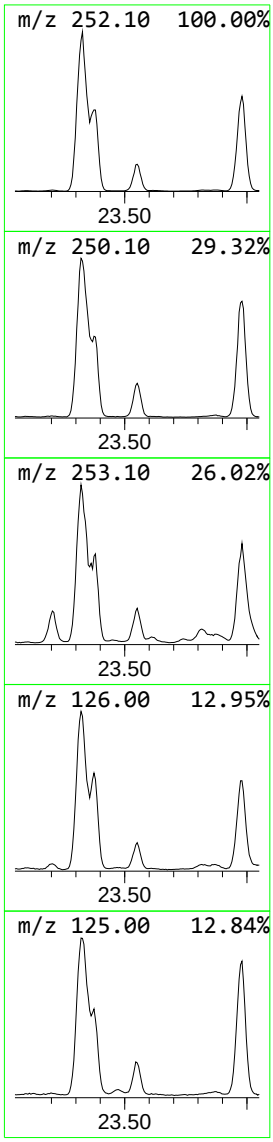
****

Peak Number 27 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	7.35 ng/ul	1516020	Perylene-d12	24.251

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





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Quant Title : SVOA CALIBRATION

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

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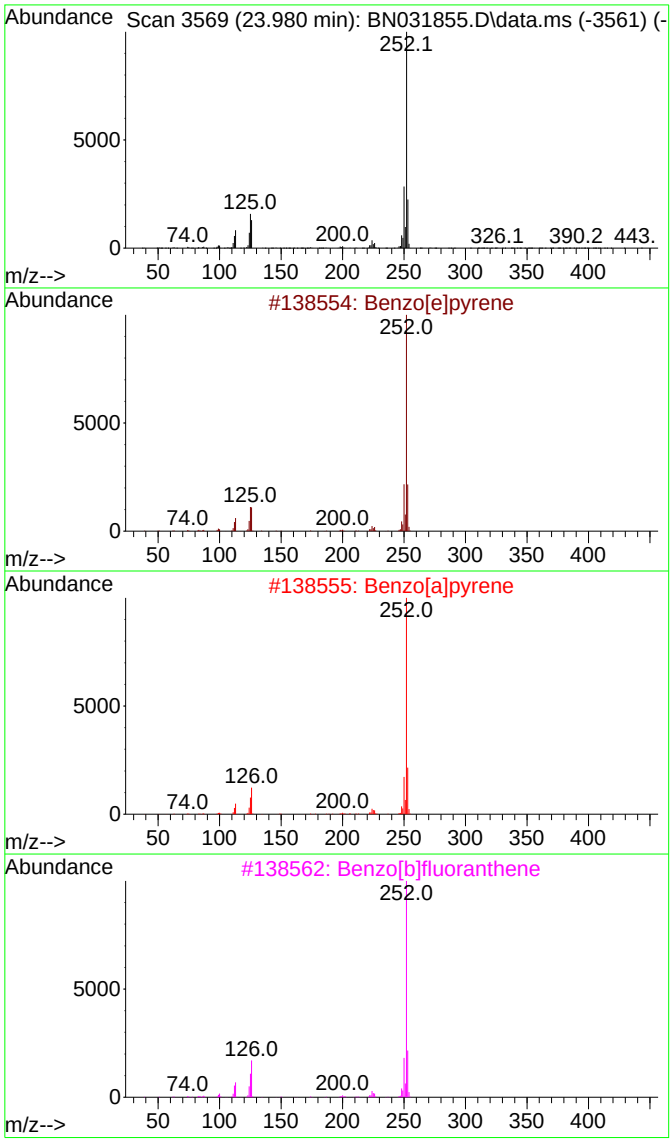
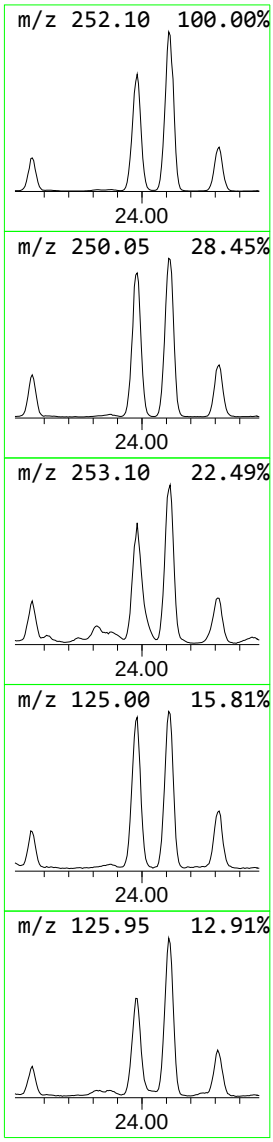
Peak Number 28 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	28.89 ng/ul	5958480	Perylene-d12	24.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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

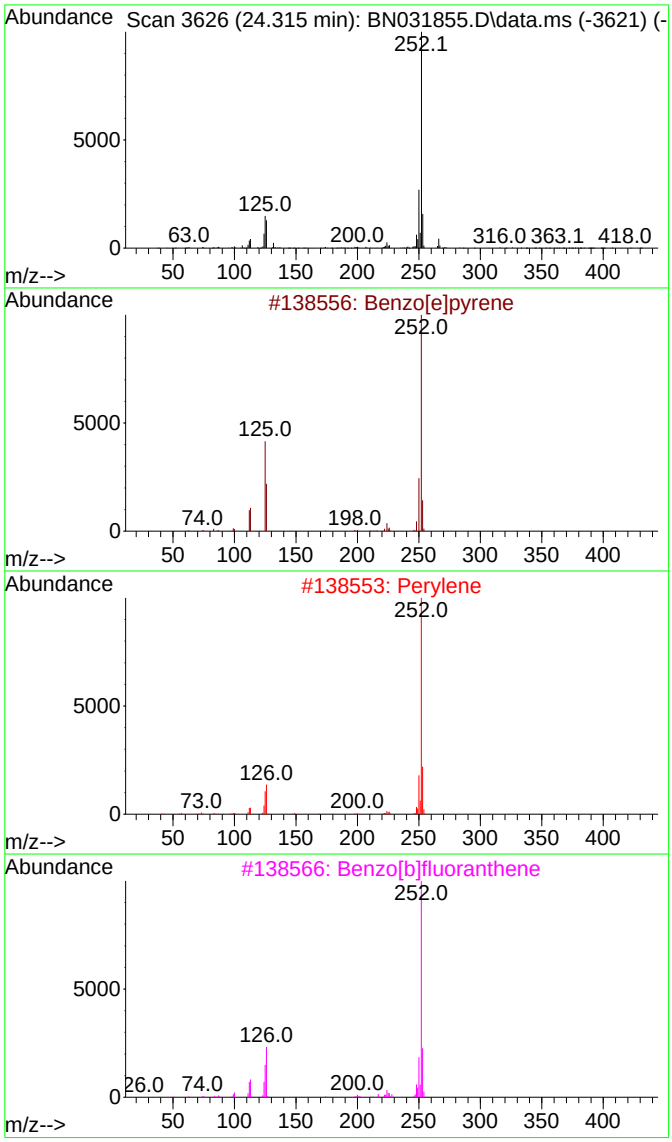
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

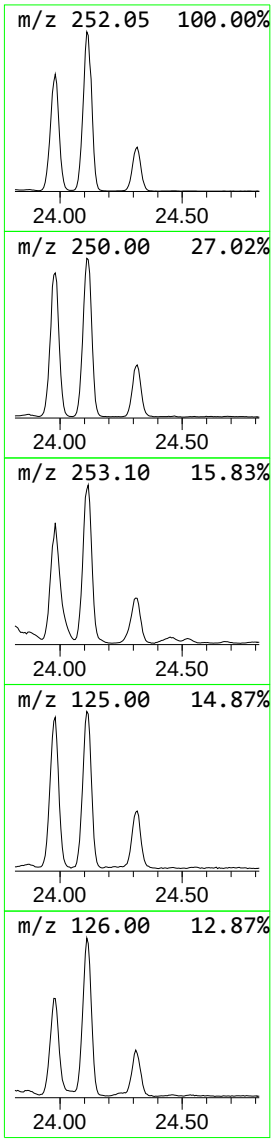
****

Peak Number 29 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.315	14.42 ng/ul	2972800	Perylene-d12	24.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	Perylene	252	C20H12	000198-55-0	89
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031855.D
Acq On : 08 Jun 2024 12:34
Operator : MA/JU
Sample : P2634-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX5

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
Propylene Glycol	3.446	3.8	ng/ul	392579	1	7.669	2093480	20.0
Pentanedioic ac...	9.393	2.0	ng/ul	322950	2	10.451	3144510	20.0
1-Phenoxypropan...	11.198	3.2	ng/ul	509336	2	10.451	3144510	20.0
9H-Fluoren-9-one	16.722	2.9	ng/ul	692996	4	17.063	4780480	20.0
Naphtho[2,1-b]t...	16.881	3.0	ng/ul	705546	4	17.063	4780480	20.0
Anthracene, 2-m...	17.939	7.1	ng/ul	1693800	4	17.063	4780480	20.0
Phenanthrene, 2...	17.986	15.2	ng/ul	3642850	4	17.063	4780480	20.0
Phenanthrene, 4...	18.069	2.2	ng/ul	531050	4	17.063	4780480	20.0
4H-Cyclopenta[d...	18.133	12.8	ng/ul	3049910	4	17.063	4780480	20.0
Anthracene, 9-m...	18.169	4.5	ng/ul	1066190	4	17.063	4780480	20.0
Naphthalene, 2-...	18.445	6.4	ng/ul	1539170	4	17.063	4780480	20.0
9,10-Anthracene...	18.486	8.9	ng/ul	2131420	4	17.063	4780480	20.0
Phenanthrene, 4...	18.692	2.2	ng/ul	527178	4	17.063	4780480	20.0
Phenanthrene, 2...	18.863	6.0	ng/ul	1431590	4	17.063	4780480	20.0
Cyclopenta(def)...	19.010	6.1	ng/ul	1450410	4	17.063	4780480	20.0
Pyrene, 1-methyl-	19.822	3.3	ng/ul	2285030	5	21.304	13945700	20.0
Fluoranthene, 2...	19.957	2.1	ng/ul	1460040	5	21.304	13945700	20.0
11H-Benzo[b]flu...	19.986	3.1	ng/ul	2161750	5	21.304	13945700	20.0
Pyrene, 4-methyl-	20.145	2.9	ng/ul	2019490	5	21.304	13945700	20.0
11H-Benzo[a]flu...	20.739	2.9	ng/ul	1994660	5	21.304	13945700	20.0
Benzo[b]naphtho...	20.910	2.9	ng/ul	2047860	5	21.304	13945700	20.0
Cyclopenta(cd)p...	20.951	2.1	ng/ul	1479850	5	21.304	13945700	20.0
Cyclopenta[cd]p...	20.992	4.9	ng/ul	3431810	5	21.304	13945700	20.0
7H-Benz[de]anth...	21.057	3.5	ng/ul	2418400	5	21.304	13945700	20.0
Benz[a]anthrace...	22.045	2.1	ng/ul	1449090	5	21.304	13945700	20.0
13-Docosenamide...	22.668	2.9	ng/ul	2009230	5	21.304	13945700	20.0
Benzo[e]pyrene	23.551	7.3	ng/ul	1516020	6	24.251	4124280	20.0
Perylene	23.980	28.9	ng/ul	5958480	6	24.251	4124280	20.0
unknown-01	24.315	14.4	ng/ul	2972800	6	24.251	4124280	20.0