LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031835.D
Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BHBX3

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: BN031835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.452	74	79	91	rBV	131318	191342	1.53%	0.094%
2	3.593	100	103	116	rBV	542377	779820	6.24%	0.385%
3	3.693	116	120	128	rVV	186707	260915	2.09%	0.129%
4	6.846	645	656	671	rVB	1660110	2748147	21.98%	1.356%
5	7.010	677	684	697	rVB	1317377	2108242	16.86%	1.040%
6	7.204	710	717	725	rBV	1668869	2677259	21.41%	1.321%
7	7.669	787	796	804	rVV	1529562	2484862	19.87%	1.226%
8	8.381	909	917	931	rVV	1970021	3288893	26.30%	1.623%
9	8.828	986	993	1000	rVV	1568356	2570624	20.56%	1.268%
10	9.393	1078	1089	1099	rVB	196577	331541	2.65%	0.164%
11	9.545	1107	1115	1126	rBV	1265998	2127863	17.02%	1.050%
12	10.081	1198	1206	1216	rVV	1999250	3411948	27.28%	1.683%
13	10.457	1260	1270	1275	rBV	2032990	3568191	28.53%	1.761%
14	10.598	1286	1294	1311	rVV	873189	1660226	13.28%	0.819%
15	11.198	1390	1396	1403	rBV	235077	429567	3.44%	0.212%
16	13.634	1805	1810	1815	rBV	131806	216244	1.73%	0.107%
17	13.733	1821	1827	1832	rVV	3259864	4647251	37.16%	2.293%
18	14.010	1867	1874	1888	rVB2	3884414	7000267	55.98%	3.454%
19	14.316	1916	1926	1932	rBV	3016826	4566348	36.52%	2.253%
20	14.381	1932	1937	1945	rVB2	132283	233439	1.87%	0.115%
21	14.528	1955	1962	1970	rBV	1483619	2428458	19.42%	1.198%
22	14.681	1983	1988	1991	rBV	127316	192941	1.54%	0.095%
23	14.716	1991	1994	2002	rVB2	140325	252985	2.02%	0.125%
24	14.928	2023	2030	2035	rBV3	122805	277744	2.22%	0.137%
25	15.104	2053	2060	2064	rBV4	97298	210817	1.69%	0.104%
26	15.186	2068	2074	2079	rVB2	95431	180717	1.45%	0.089%
27	15.310	2089	2095	2101	rVV	4879430	7238687	57.89%	3.572%
28	15.369	2101	2105	2112	rVV3	175624	339499	2.71%	0.168%
29	15.439	2112	2117	2123	rVV	998690	1344345	10.75%	0.663%
30	15.657	2149	2154	2161	rBV3	112431	222564	1.78%	0.110%
31	15.810	2177	2180	2187	rVV2	93208	181940	1.45%	0.090%
32	16.039	2214	2219	2226	rBV4	241906	456474	3.65%	0.225%
33	16.375	2268	2276	2280	rBV4	123901	301407	2.41%	0.149%
34	16.639	2319	2321	2331	rVB3	139253	222030	1.78%	0.110%
35	16.722	2331	2335	2342	rVB2	272640	423341	3.39%	0.209%
36	16.880	2358	2362	2369	rVB	287016	435526	3.48%	0.215%

LSC Area Percent Report

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Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

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

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Peak separation: 5

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

37	17.063	2387	2393	2397	rVV	3363613	4945025	39.54%	2.440%
38	17.110	2397	2401	2405	rVV	4037298	5797327	46.36%	2.860%
39	17.163	2405	2410	2414	rVV2	5018079	7335985	58.66%	3.620%
40	17.198	2414	2416	2421	rVV	746124	871855	6.97%	0.430%
41	17.251	2421	2425	2431	rVV3	182354	339767	2.72%	0.168%
42	17.380	2443	2447	2451	rVB2	151948	230534	1.84%	0.114%
43	17.469	2455	2462	2467	rBV	313014	573396	4.59%	0.283%
44	17.645	2488	2492	2499	rVB2	401495	614653	4.92%	0.303%
45	17.786	2512	2516	2522	rVB	178179	319228	2.55%	0.158%
46	17.857	2524	2528	2532	rBV2	147351	213686	1.71%	0.105%
47	17.939	2534	2542	2544	rBV	1206570	1702305	13.61%	0.840%
48	17.969	2544	2547	2548	rBV2	989382	920414	7.36%	0.454%
49	18.069	2561	2564	2569	rVB	266421	339759	2.72%	0.168%
50	18.127	2569	2574	2579	rBV2	1479730	2732898	21.85%	1.348%
51	18.169	2579	2581	2588	rVB	926630	1208943	9.67%	0.596%
52	18.257	2592	2596	2600	rBV3	223530	363980	2.91%	0.180%
53	18.292	2600	2602	2606	rVV3	158596	220004	1.76%	0.109%
54	18.339	2606	2610	2614	rVB3	239853	343092	2.74%	0.169%
55	18.445	2623	2628	2631	rBV	754449	1020378	8.16%	0.503%
56	18.486	2631	2635	2646	rVB2	870610	1402722	11.22%	0.692%
57	18.663	2661	2665	2667	rBV	183395	256491	2.05%	0.127%
58	18.692	2667	2670	2674	rVV2	367042	539638	4.32%	0.266%
59	18.739	2675	2678	2682	rVV	467903	687239	5.50%	0.339%
60	18.780	2682	2685	2689	rVB2	377394	463751	3.71%	0.229%
61	18.863	2694	2699	2704	rVV	1132633	1835321	14.68%	0.906%
62	18.921	2704	2709	2713	rVV4	463234	1008548	8.07%	0.498%
63	18.957	2713	2715	2719	rVB	383341	388562	3.11%	0.192%
64	19.004	2719	2723	2730	rBV2	745033	1439056	11.51%	0.710%
65	19.127	2738	2744	2751	rVB	8731475	12504966	100.00%	6.170%
66	19.192	2752	2755	2758	rBV	282573	344196	2.75%	0.170%
67	19.227	2758	2761	2763	rBV2	246248	291495	2.33%	0.144%
68	19.251	2763	2765	2767	rBV	288956	286223	2.29%	0.141%
69	19.333	2776	2779	2782	rVB3	207277	239523	1.92%	0.118%
70	19.374	2782	2786	2789	rBV	298755	399516	3.19%	0.197%
71	19.463	2796	2801	2804	rBV3	5315084	8643848	69.12%	4.265%
72	19.498	2804	2807	2814	rVV	7273349	9701570	77.58%	4.787%
73	19.568	2814	2819	2824	rVB2	580029	921168	7.37%	0.454%
74	19.674	2834	2837	2843	rVB	303566	471655	3.77%	0.233%
75	19.733	2843	2847	2853	rVB3	427286	694111	5.55%	0.342%
76	19.816	2856	2861	2870	rBV4	850162	2059136	16.47%	1.016%

LSC Area Percent Report

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Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

77	19.957	2880	2885	2887	rBV4	655568	1212162	9.69%	0.598%
78	19.986	2887	2890	2899	rVB	1344296	2060797	16.48%	1.017%
79	20.092	2904	2908	2911	rBV	723960	889305	7.11%	0.439%
80	20.145	2913	2917	2922	rVB2	987850	1473013	11.78%	0.727%
81	20.286	2938	2941	2945	rBV	708350	959669	7.67%	0.473%
82	20.333	2946	2949	2953	rVB	745214	927418	7.42%	0.458%
83	20.398	2958	2960	2964	rVB2	429556	461410	3.69%	0.228%
84	20.739	3014	3018	3024	rVB	1384869	1868244	14.94%	0.922%
85	20.910	3044	3047	3051	rVB2	799148	1101086	8.81%	0.543%
86	20.951	3051	3054	3057	rVV	746589	865366	6.92%	0.427%
87	20.986	3057	3060	3067	rVV3	1732960	2763889	22.10%	1.364%
88	21.051	3068	3071	3084	rVB	1010170	1826998	14.61%	0.901%
89	21.210	3095	3098	3102	rVV	1675108	1939303	15.51%	0.957%
90	21.286	3106	3111	3117	rVV3	5109599	11863530	94.87%	5.853%
91	21.345	3117	3121	3132	rVB	4537490	7407671	59.24%	3.655%
92	21.486	3142	3145	3152	rBV3	413763	722313	5.78%	0.356%
93	21.974	3225	3228	3234	rVB	876505	1333320	10.66%	0.658%
94	22.045	3236	3240	3249	rVB4	782912	1591282	12.73%	0.785%
95	22.668	3341	3346	3355	rVB3	1378782	2638328	21.10%	1.302%
96	23.315	3449	3456	3463	rBV2	3517269	10239755	81.89%	5.052%
97	23.974	3563	3568	3573	rBV	755273	1547669	12.38%	0.764%
98	24.045	3574	3580	3585	rVV2	1518179	3477415	27.81%	1.716%
99	24.109	3586	3591	3603	rVB	2101577	4993180	39.93%	2.464%
100	24.245	3607	3614	3621	rBV2	1544504	3829914	30.63%	1.890%

Sum of corrected areas: 202677465

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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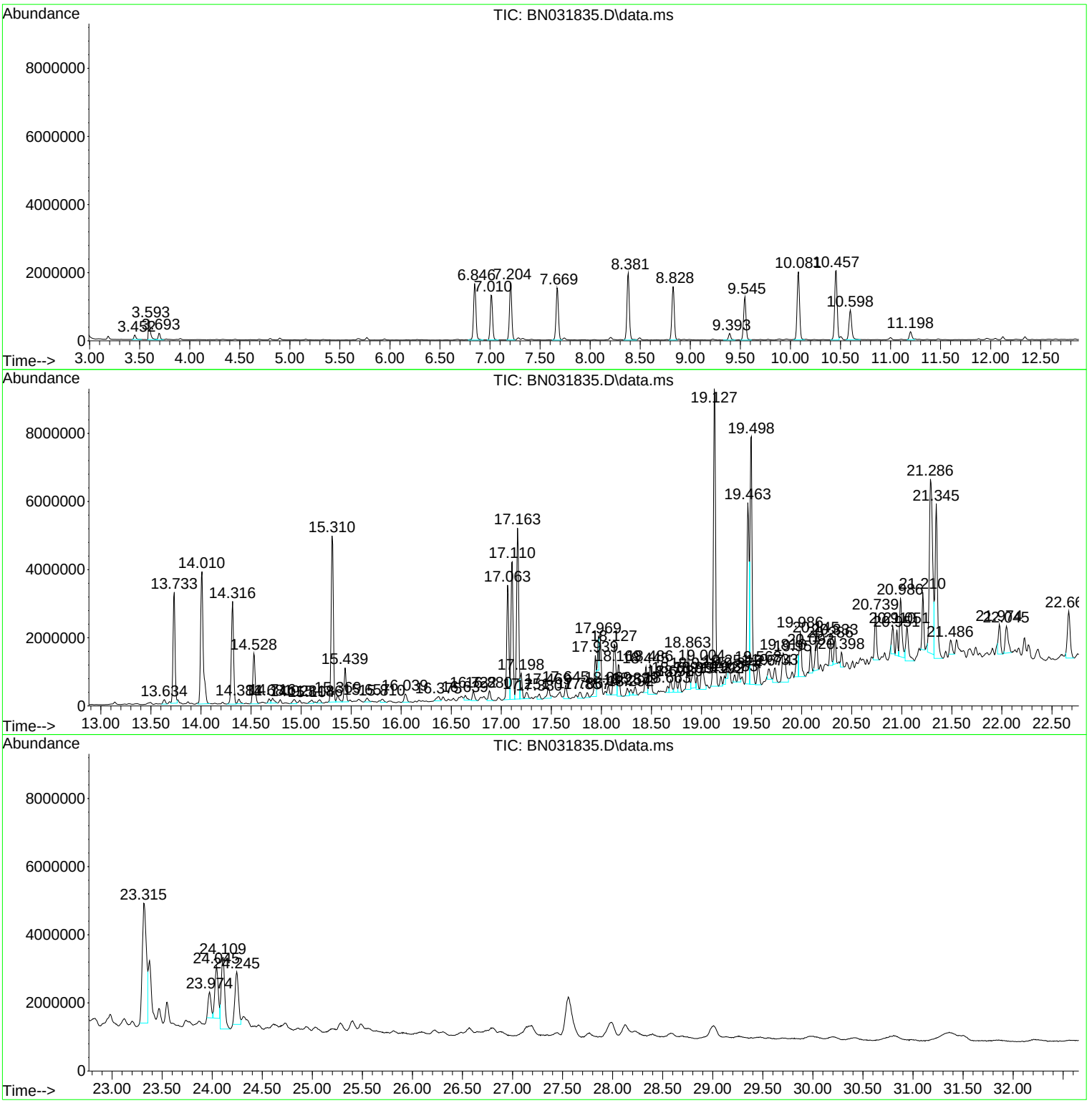
ClientSampleId :
BHBX3

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\BN060624\
Data File : BN031835.D
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Instrument :
BNA_N
ClientSampleId :
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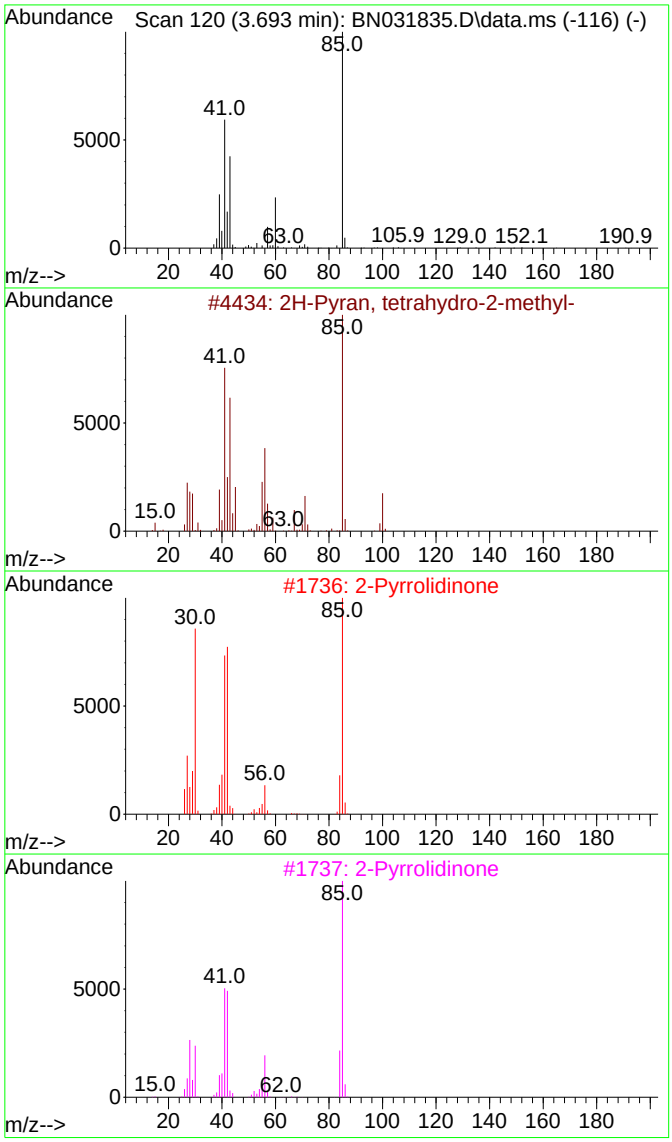
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

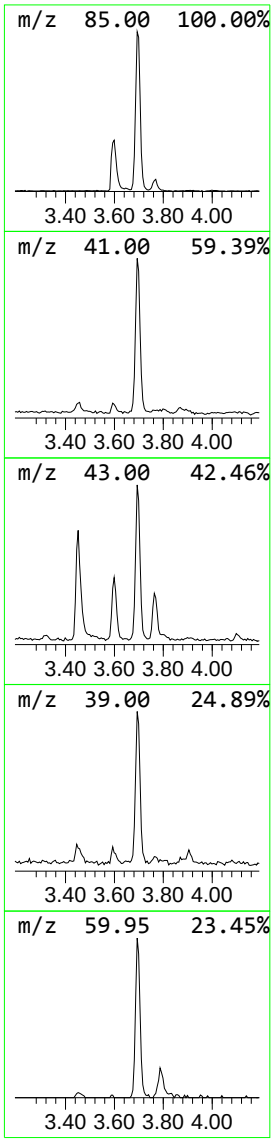
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.693	2.10 ng/ul	260915	1,4-Dichlorobenzene-d4	7.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
5	trans-4-Methoxy-3-buten-2-one	100	C5H8O2	051731-17-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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Instrument :
BNA_N
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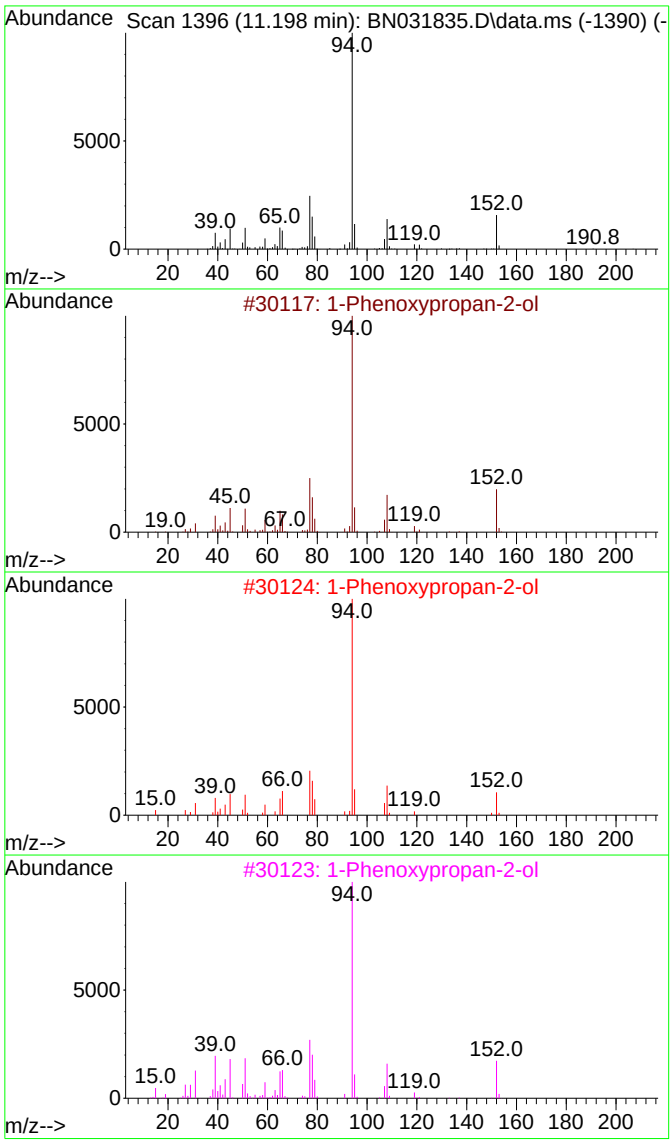
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

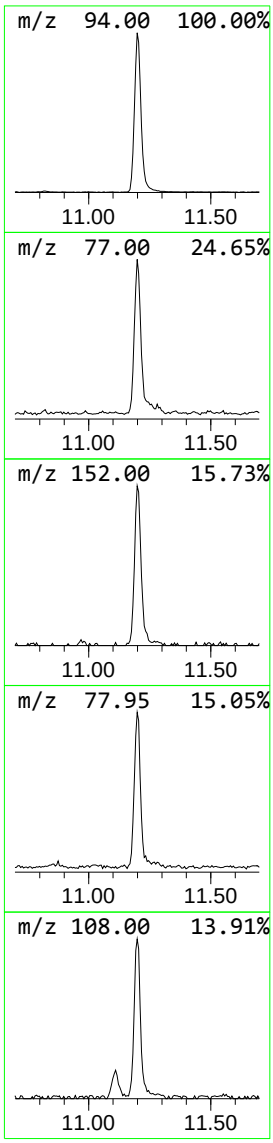
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	2.41 ng/ul	429567	Naphthalene-d8	10.457

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	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64





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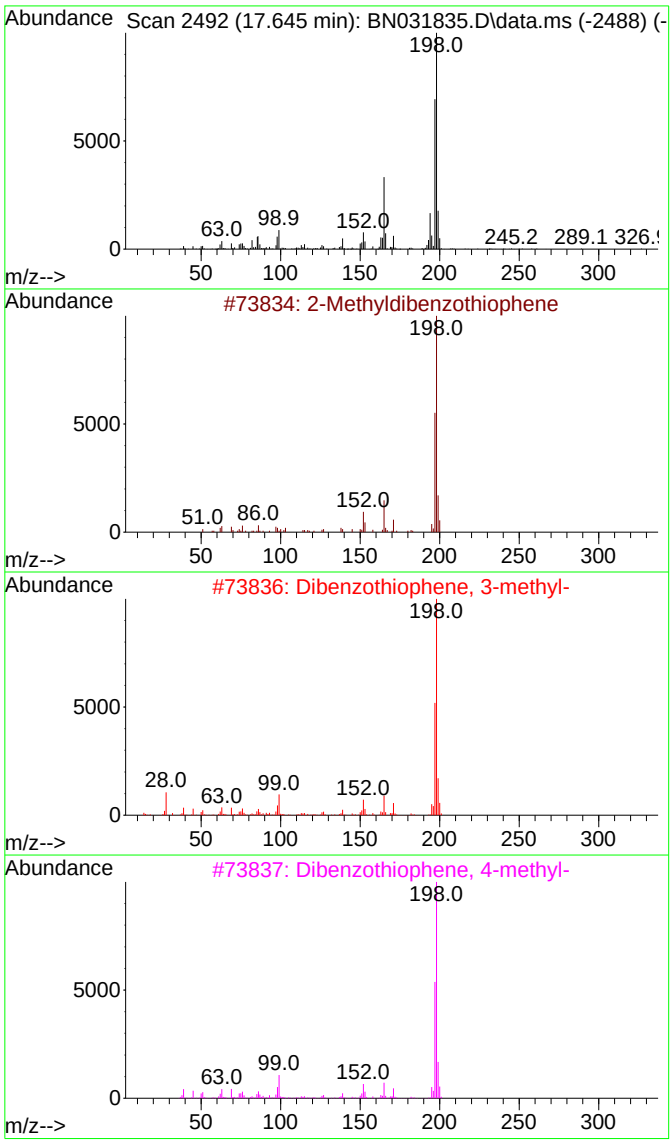
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

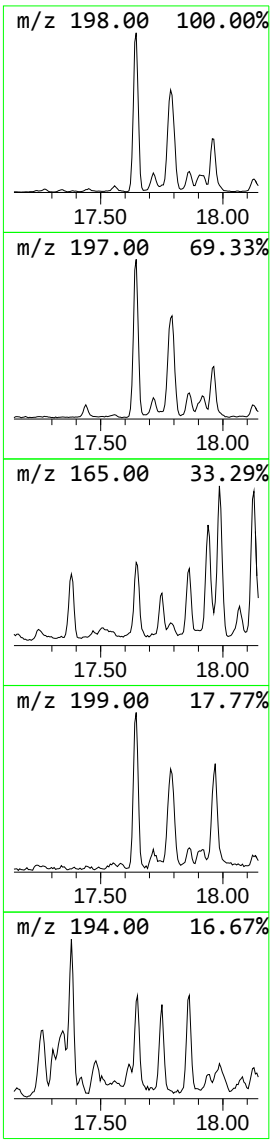
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.49 ng/ul	614653	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
4	Tacrine	198	C13H14N2	000321-64-2	64
5	Tacrine	198	C13H14N2	000321-64-2	64





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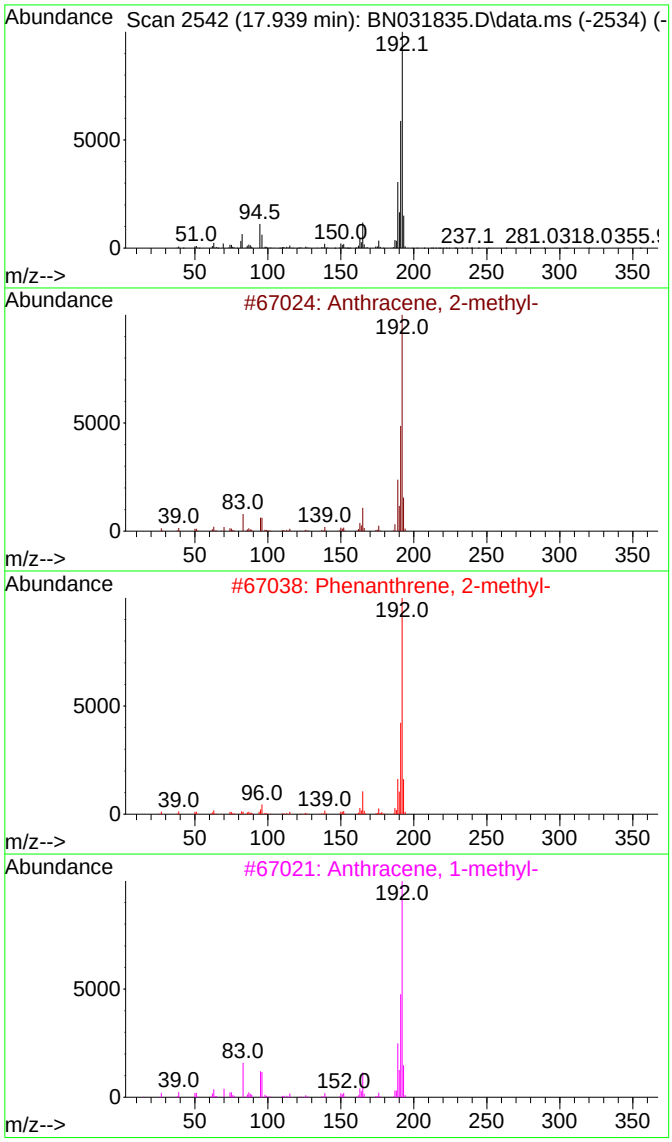
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

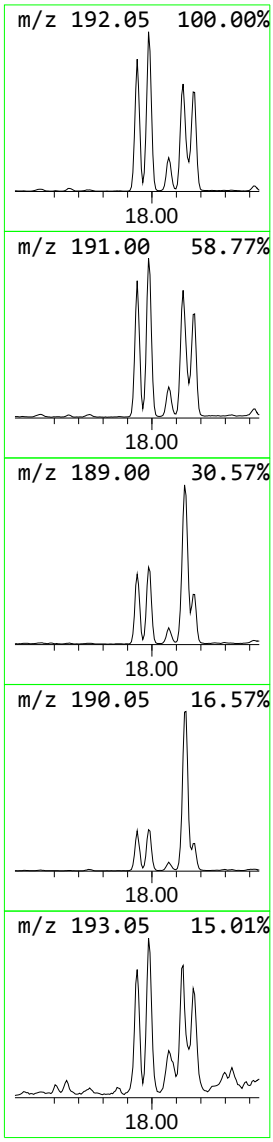
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	6.88 ng/ul	1702310	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Data File : BN031835.D
Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBX3

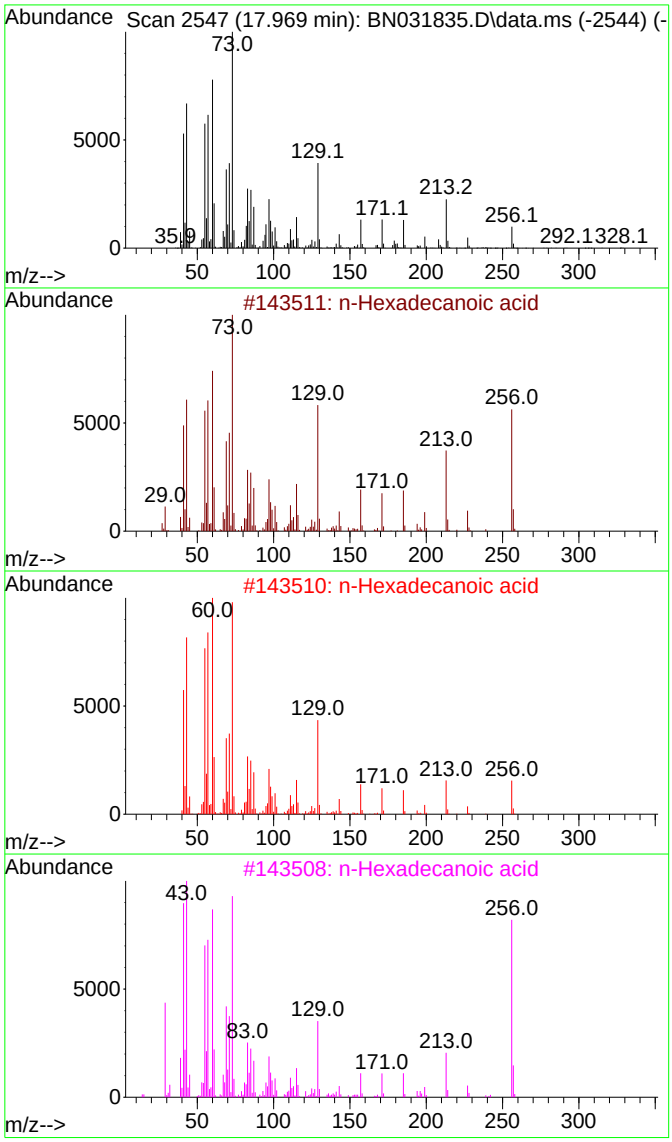
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

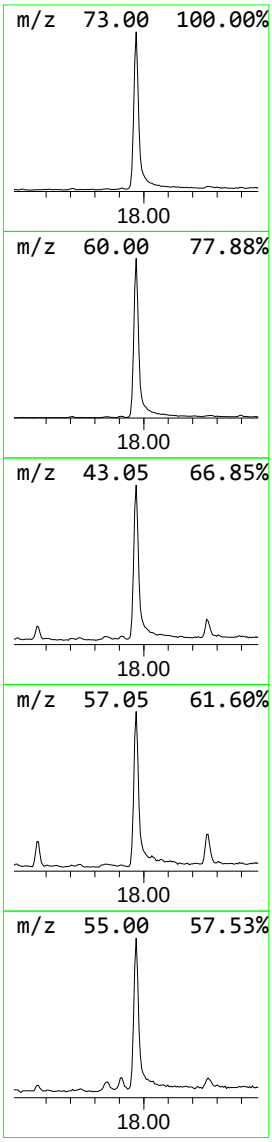
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	3.72 ng/ul	920414	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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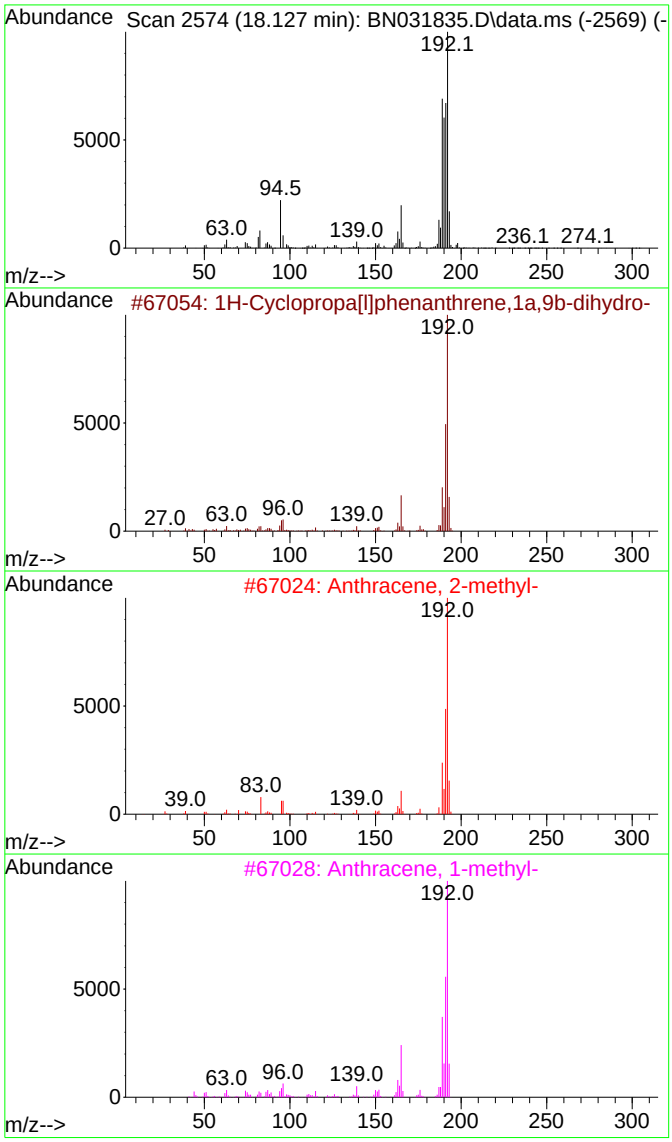
Quant Title : SVOA CALIBRATION

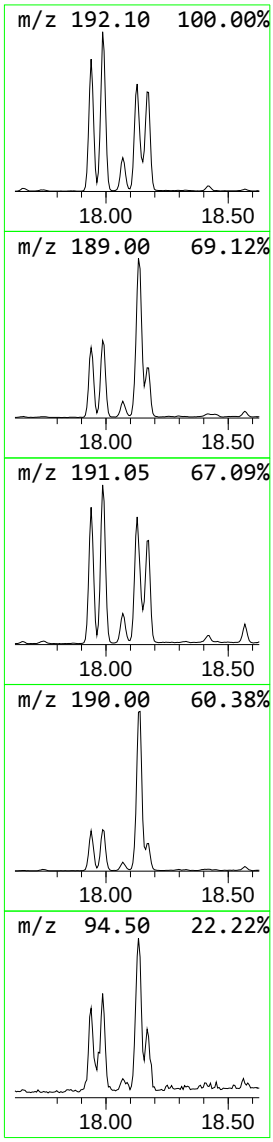
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	11.05 ng/ul	2732900	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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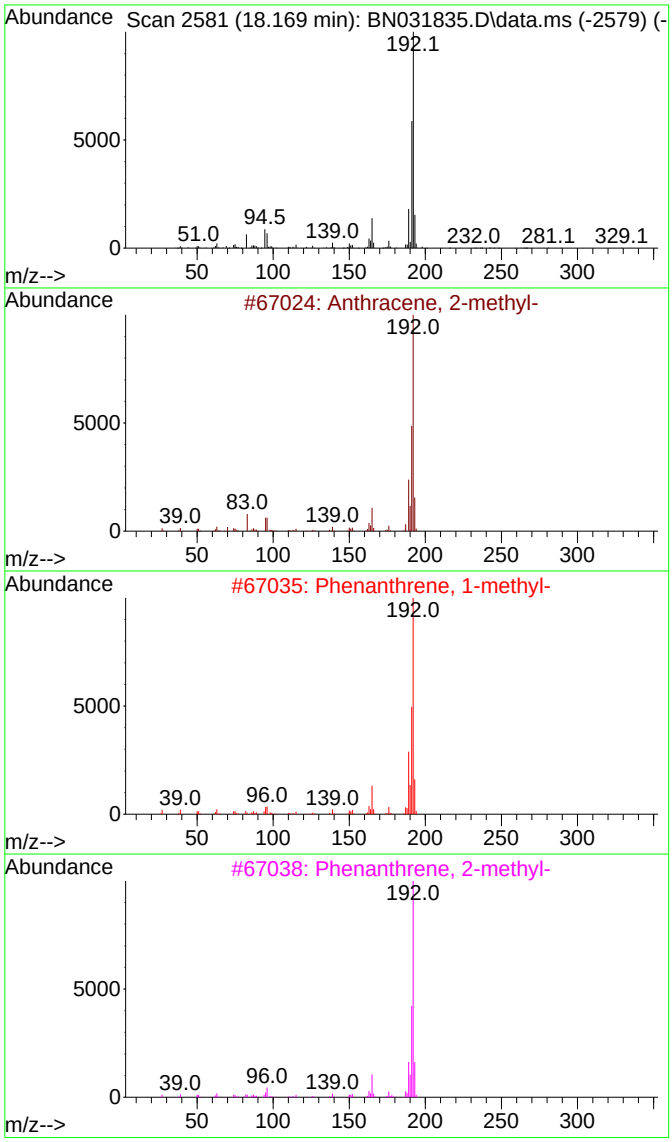
Quant Title : SVOA CALIBRATION

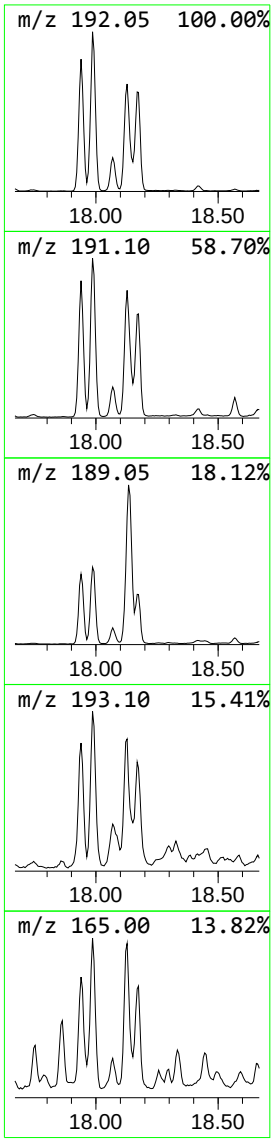
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	4.89 ng/ul	1208940	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Instrument :
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ClientSampleId :
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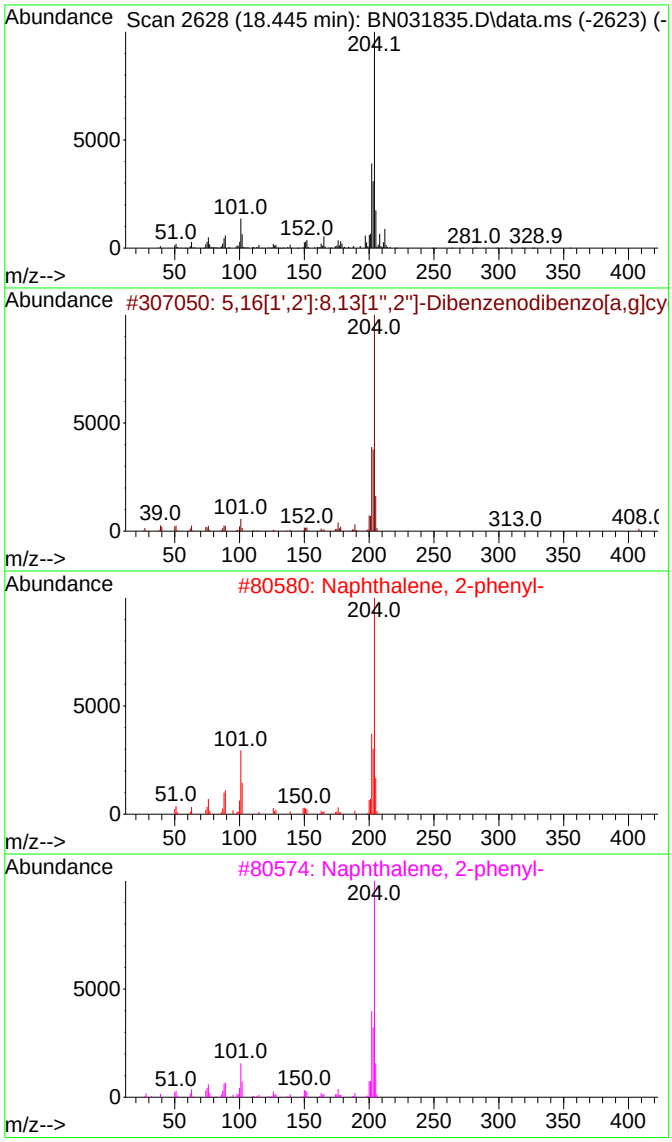
Quant Title : SVOA CALIBRATION

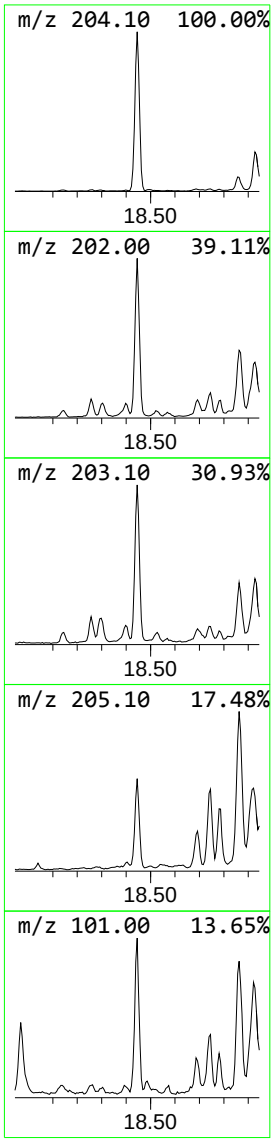
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	4.13 ng/ul	1020380	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Quant Title : SVOA CALIBRATION

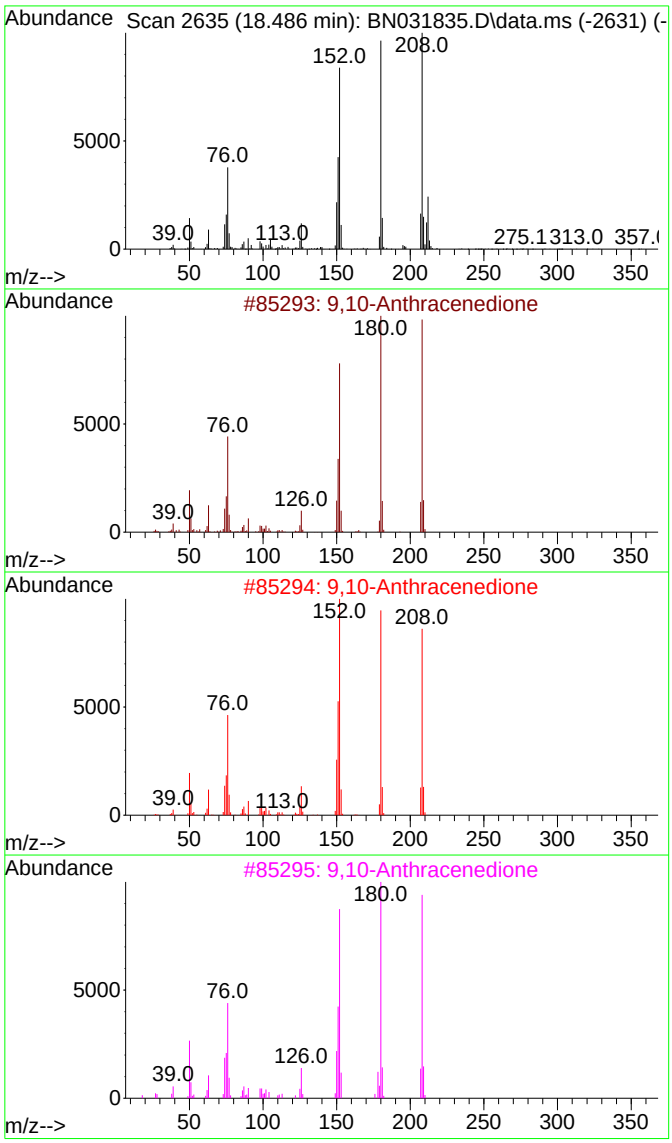
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

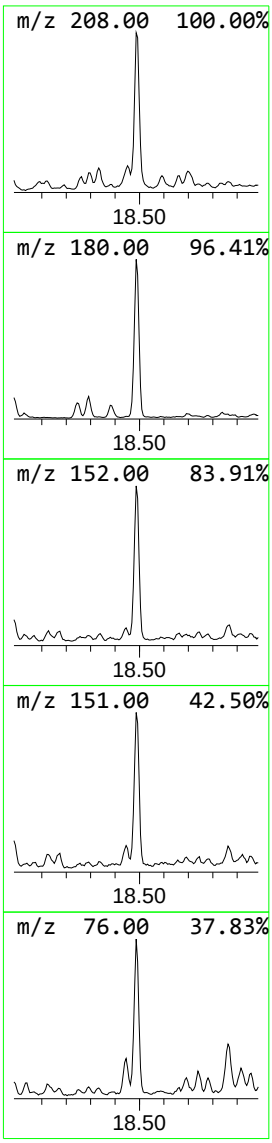
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	5.67 ng/ul	1402720	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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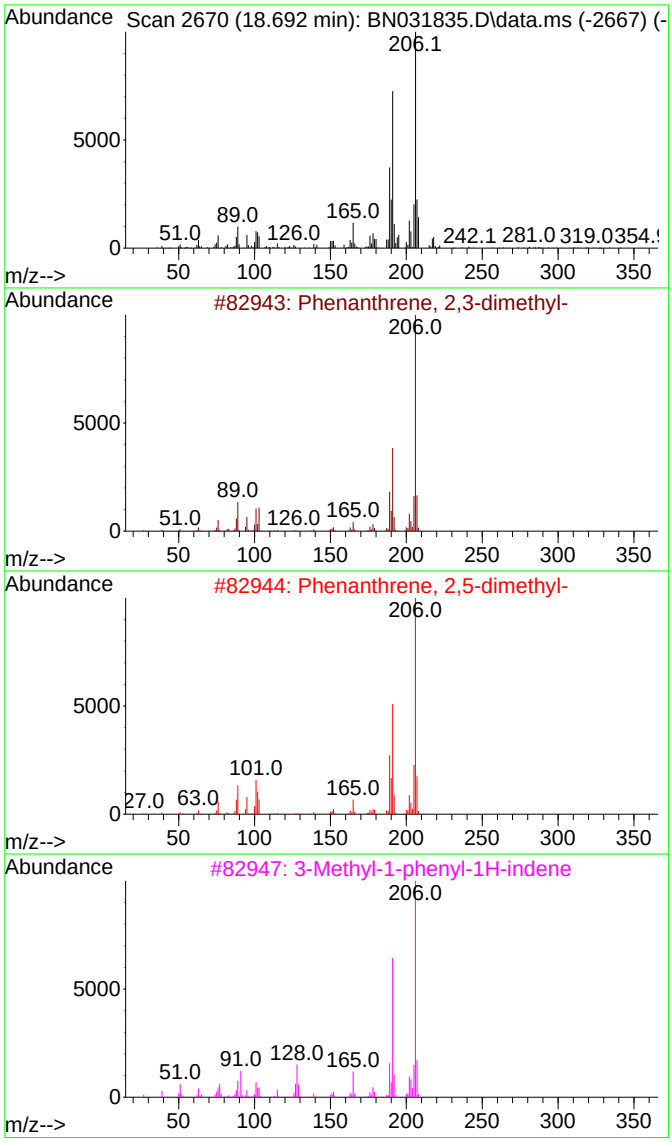
Quant Title : SVOA CALIBRATION

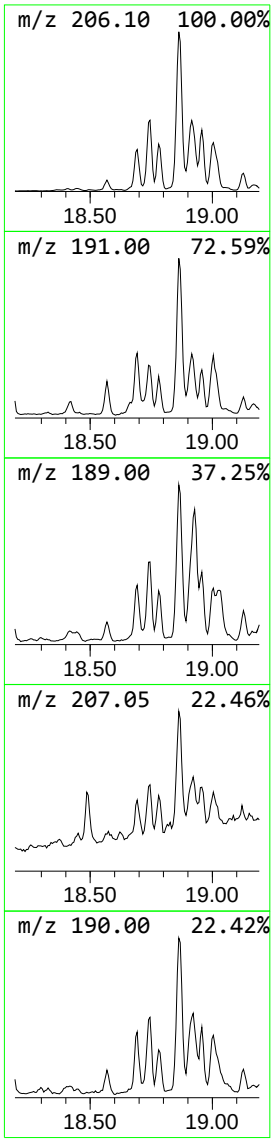
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.18 ng/ul	539638	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89





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Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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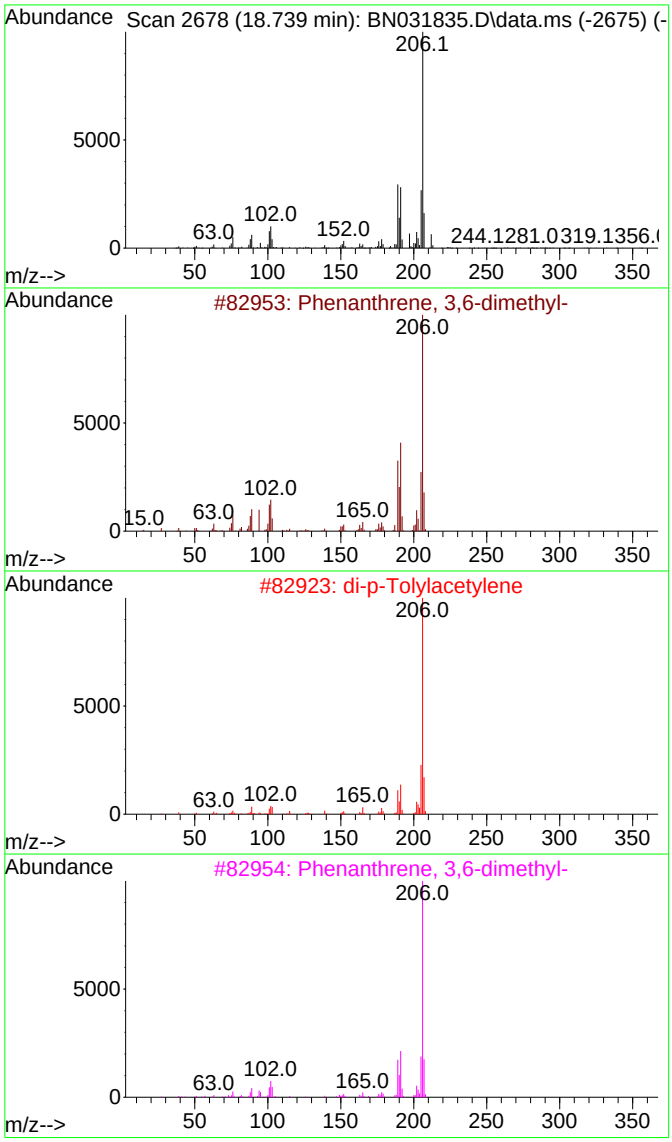
Quant Title : SVOA CALIBRATION

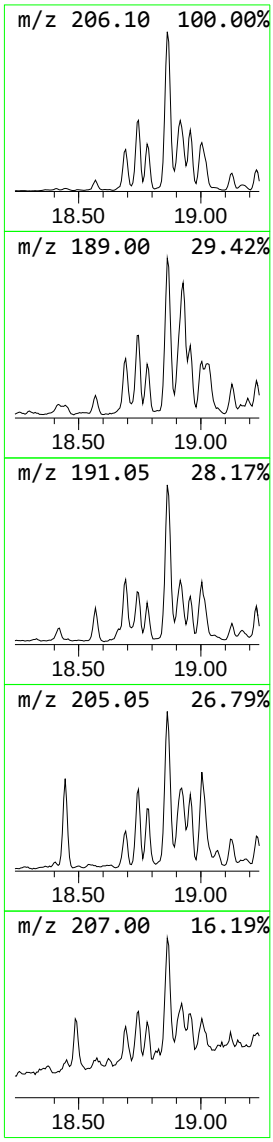
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.78 ng/ul	687239	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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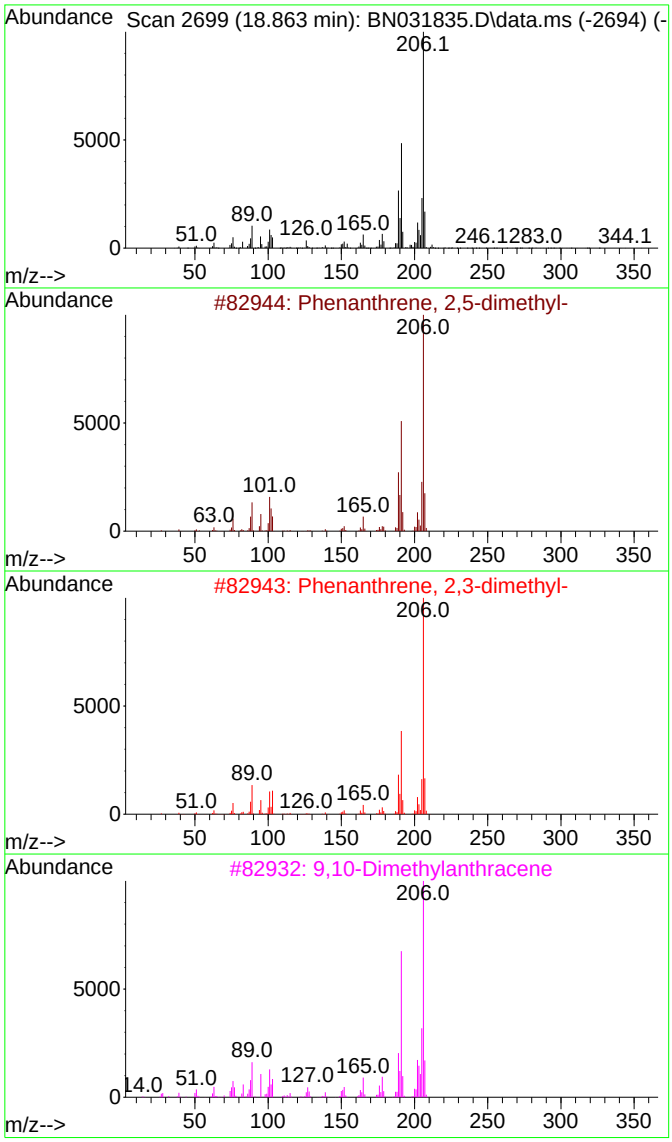
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

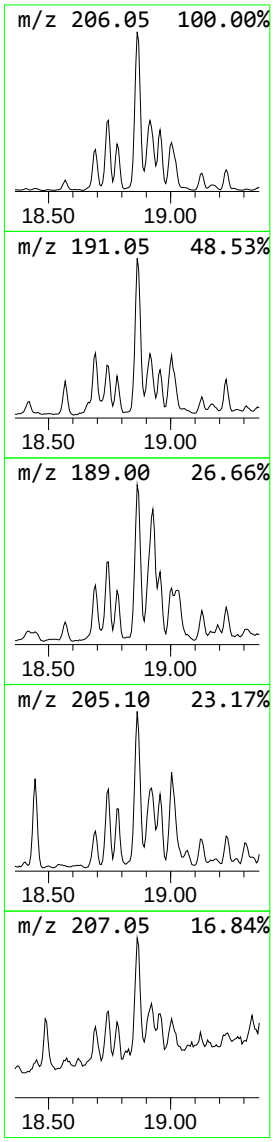
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	7.42 ng/ul	1835320	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Sample : P2634-09
Misc :
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Instrument :
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ClientSampleId :
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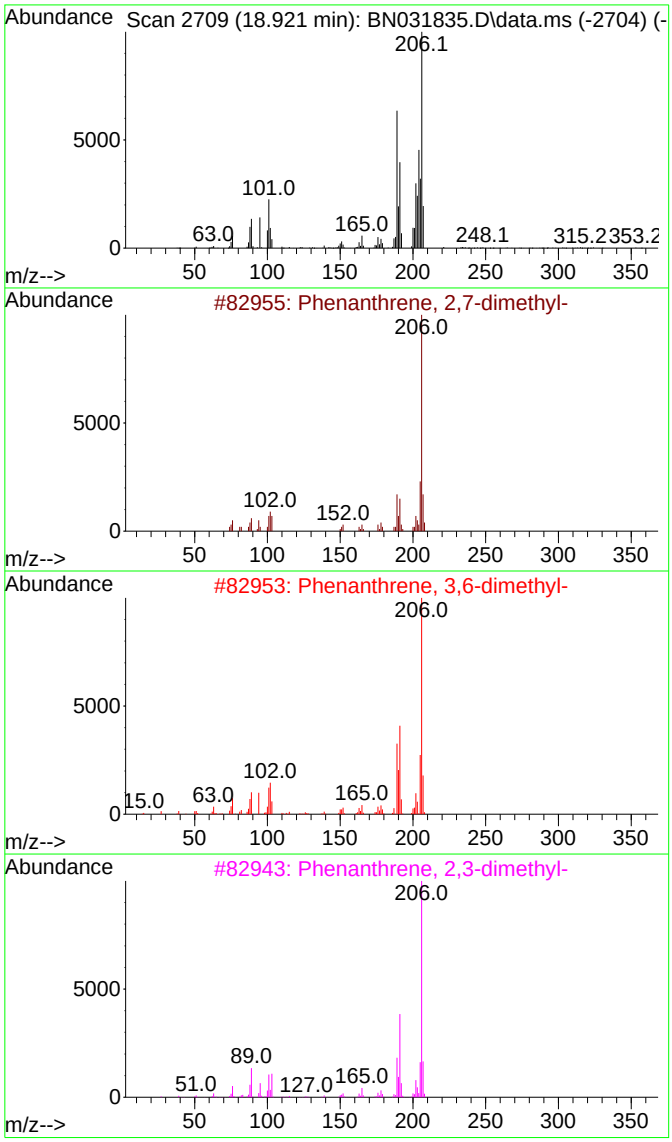
Quant Title : SVOA CALIBRATION

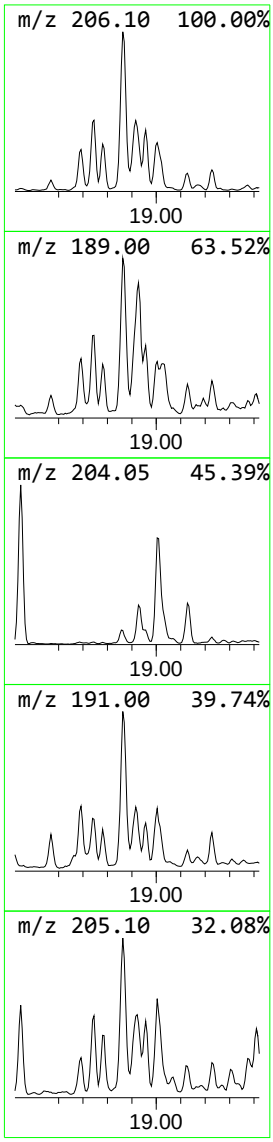
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	4.08 ng/ul	1008550	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49





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ClientSampleId :
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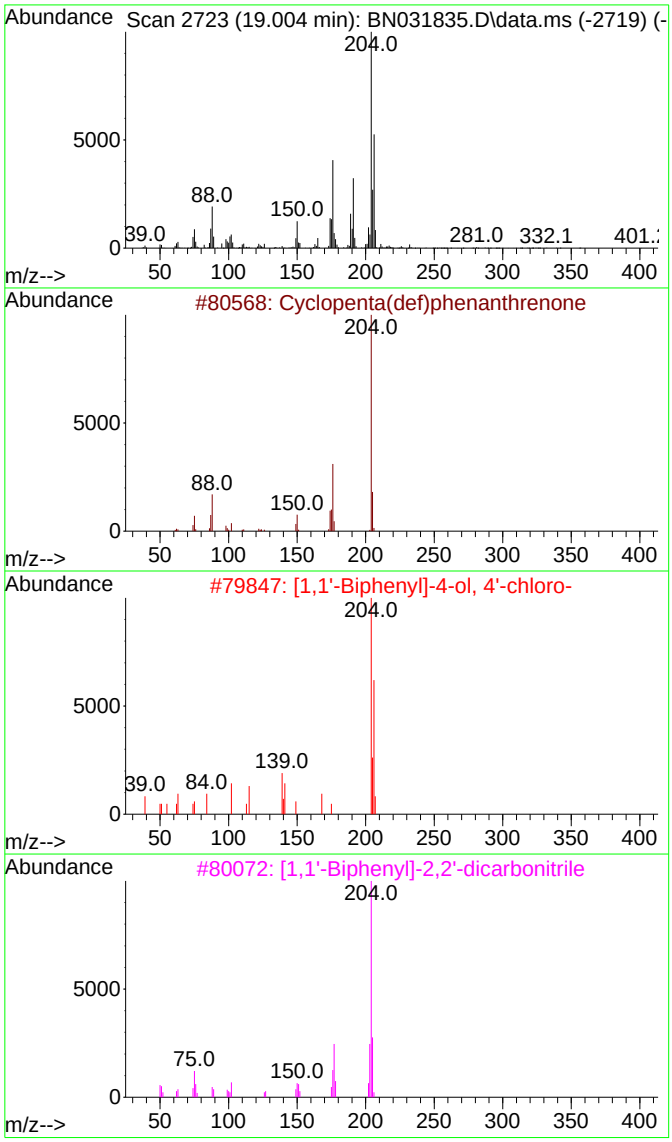
Quant Title : SVOA CALIBRATION

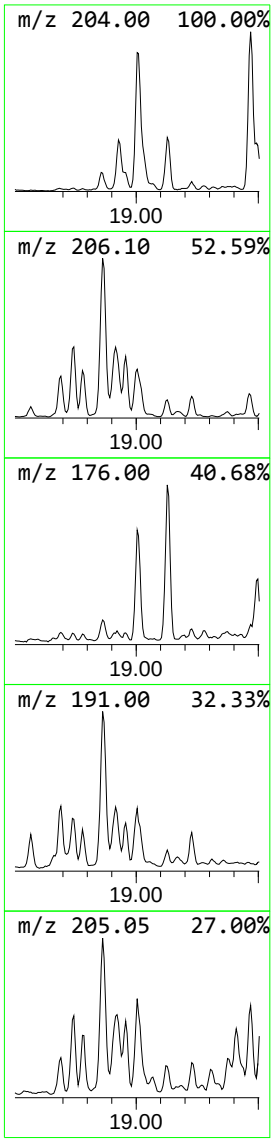
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	5.82 ng/ul	1439060	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	42
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	35





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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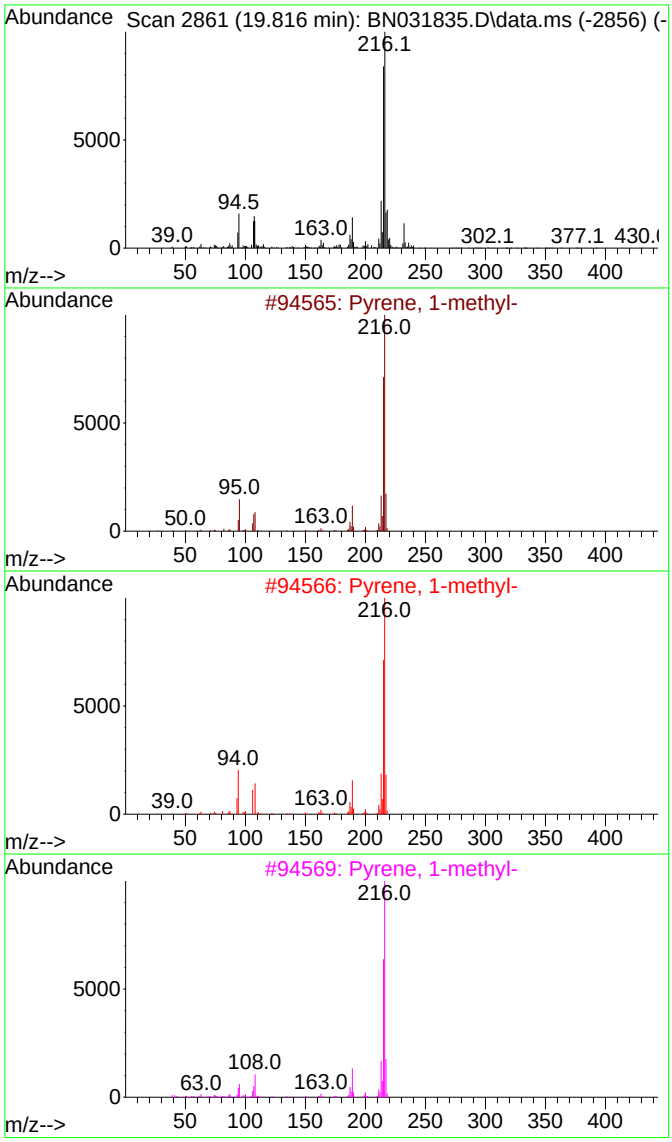
Quant Title : SVOA CALIBRATION

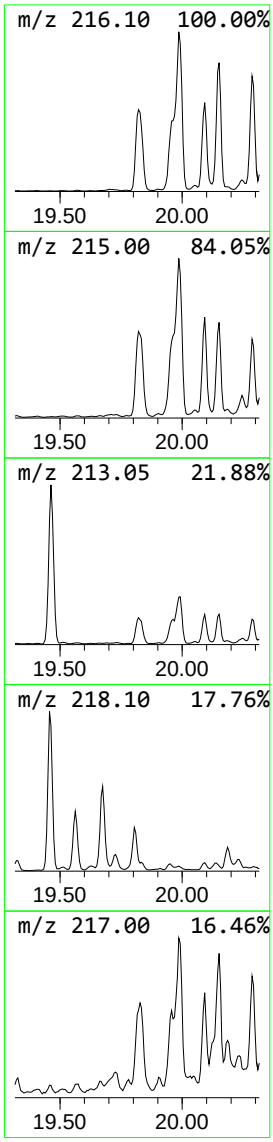
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	3.47 ng/ul	2059140	Chrysene-d12	21.304

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	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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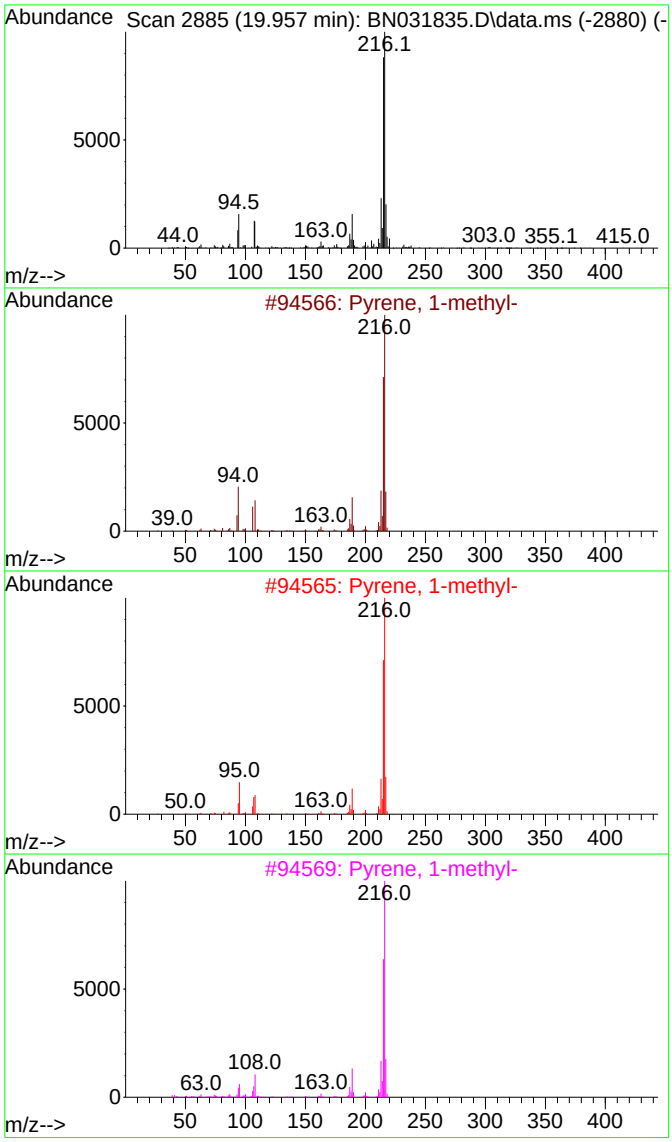
Quant Title : SVOA CALIBRATION

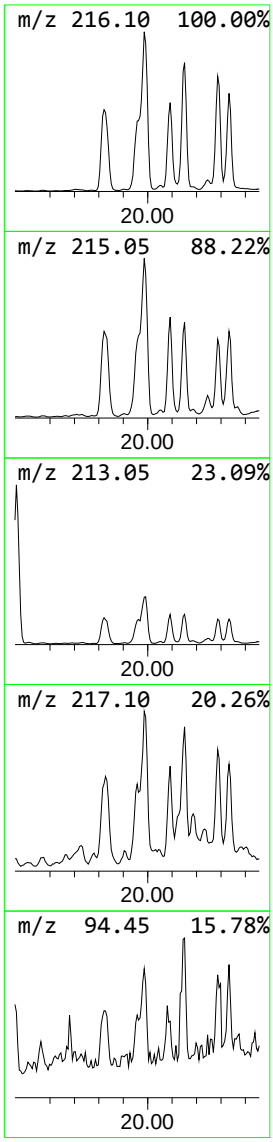
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	2.04 ng/ul	1212160	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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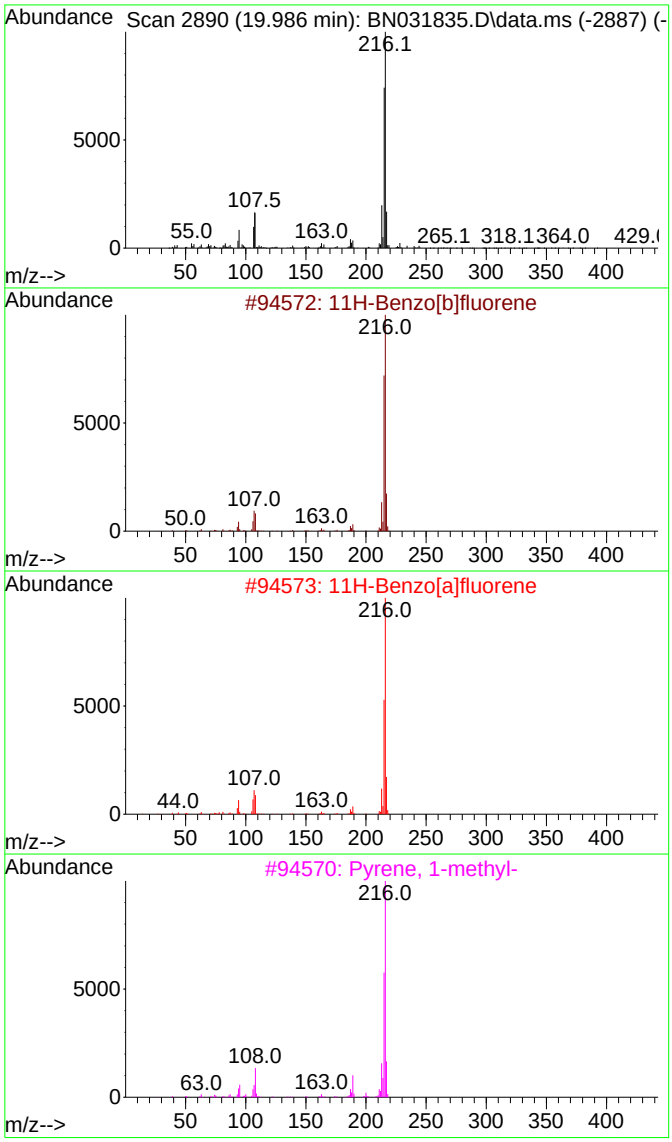
Quant Title : SVOA CALIBRATION

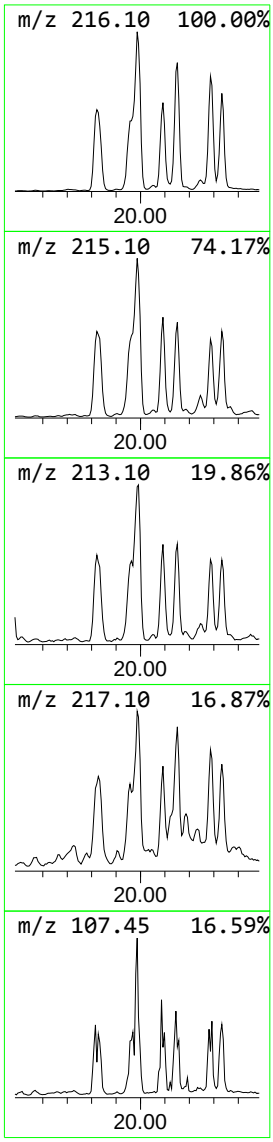
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	3.47 ng/ul	2060800	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

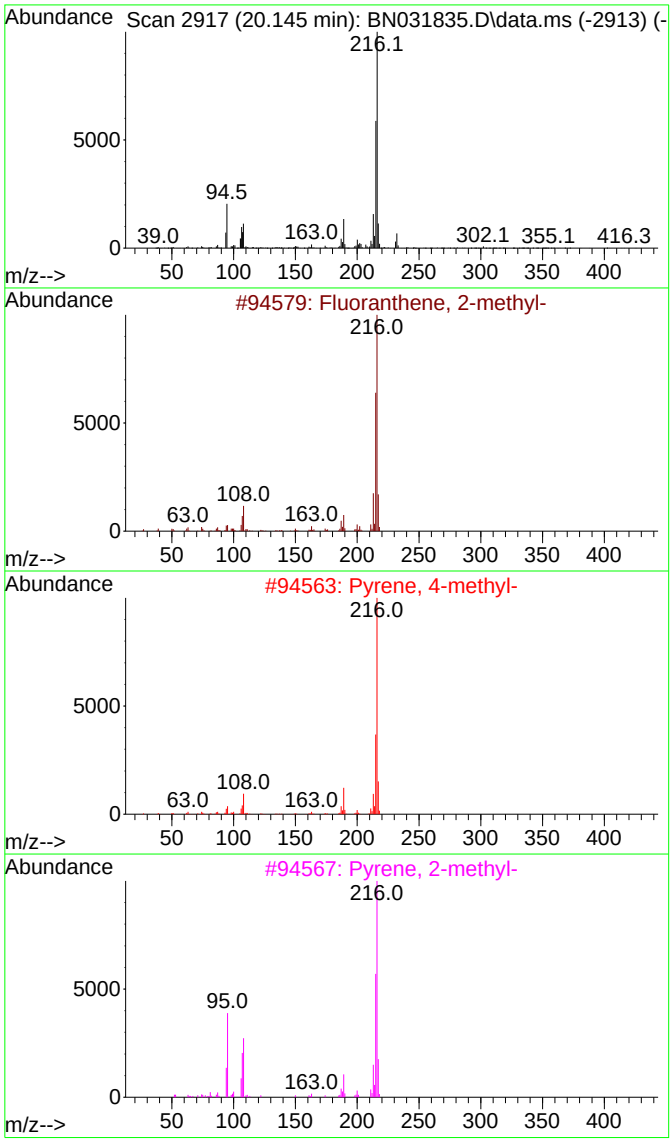
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

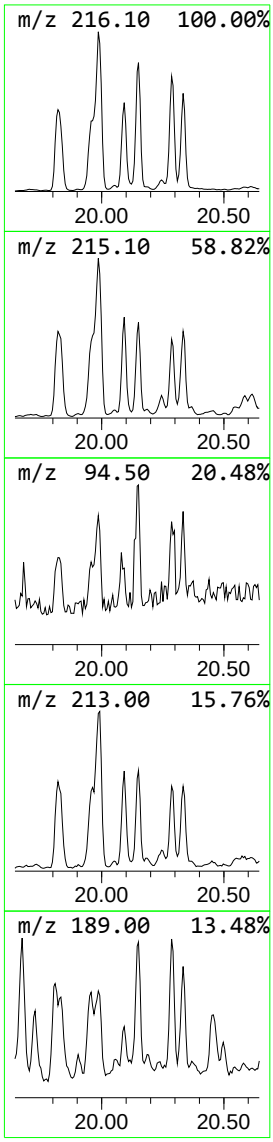
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.48 ng/ul	1473010	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, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

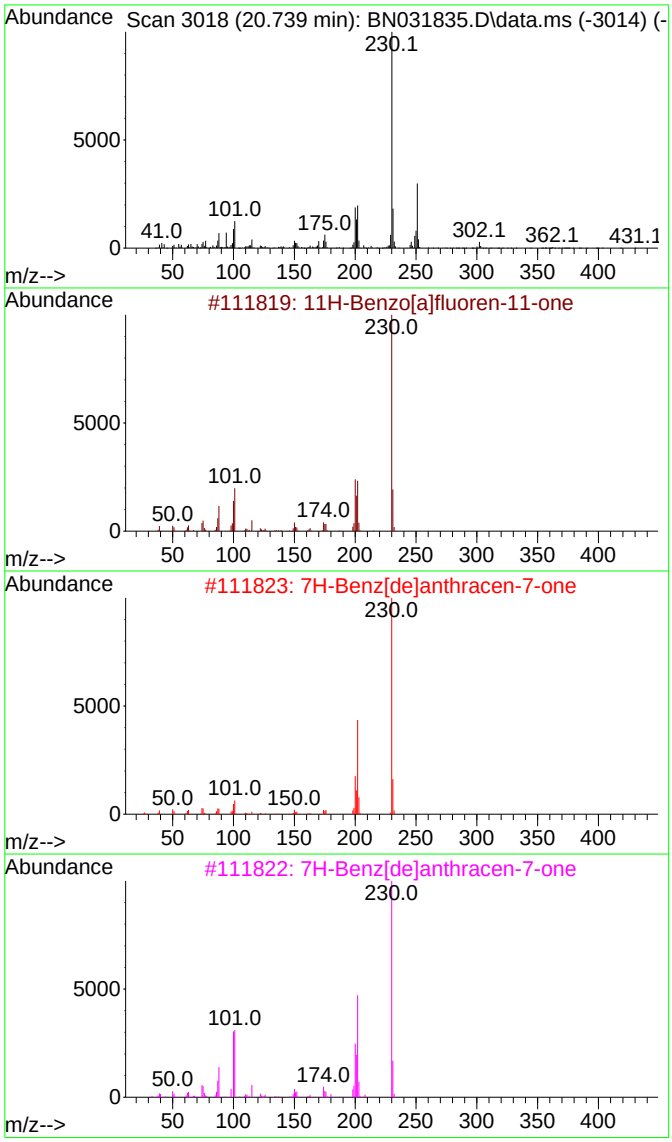
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

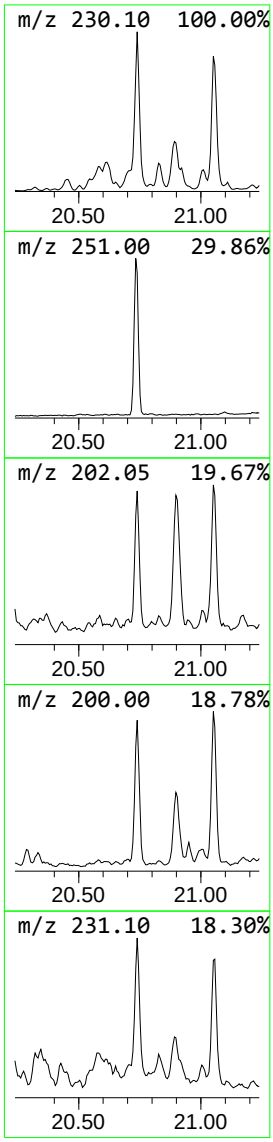
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.15 ng/ul	1868240	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	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

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

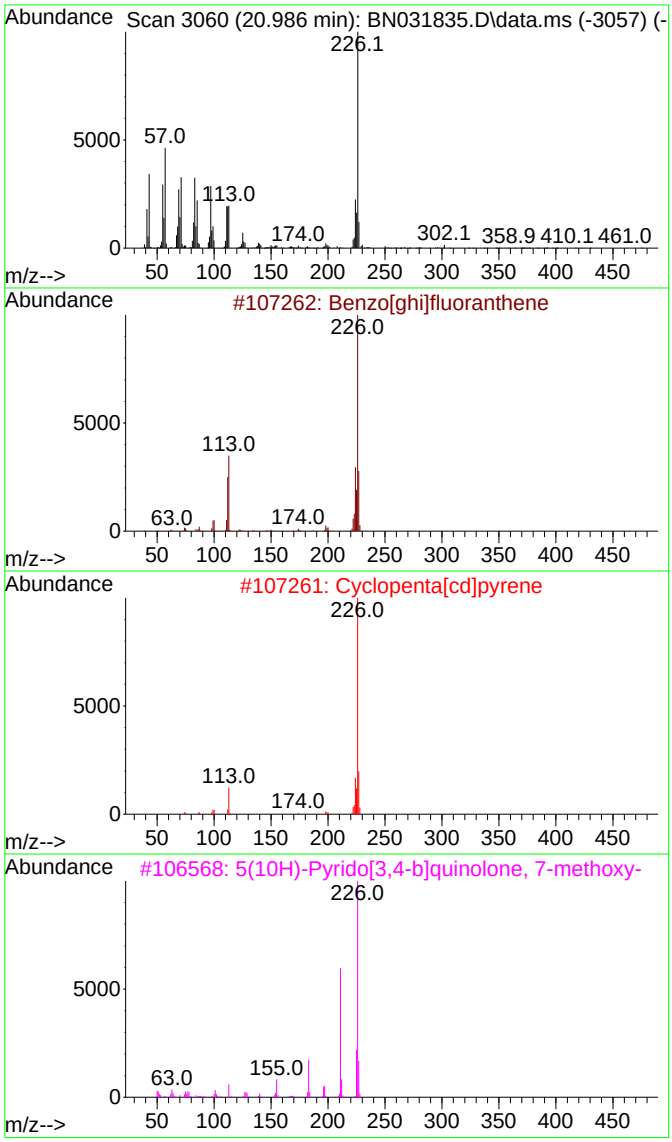
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

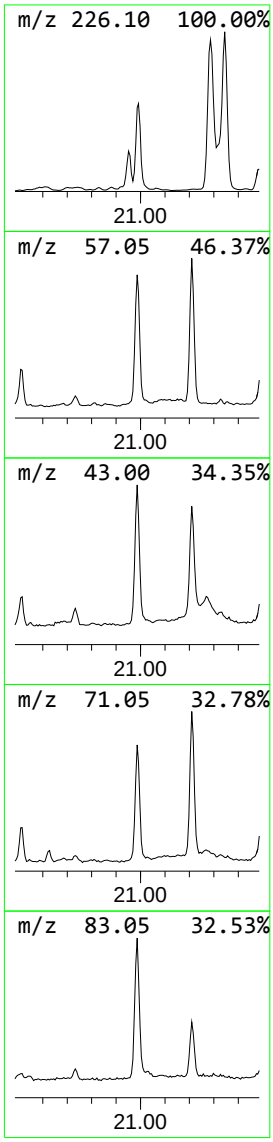
****

Peak Number 20 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	4.66 ng/ul	2763890	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	41
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	35
4	4-Amino-5-(4-chlorophenyl)-4H-1,...	226	C8H7ClN4S	1010476-96-9	25
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	25





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Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

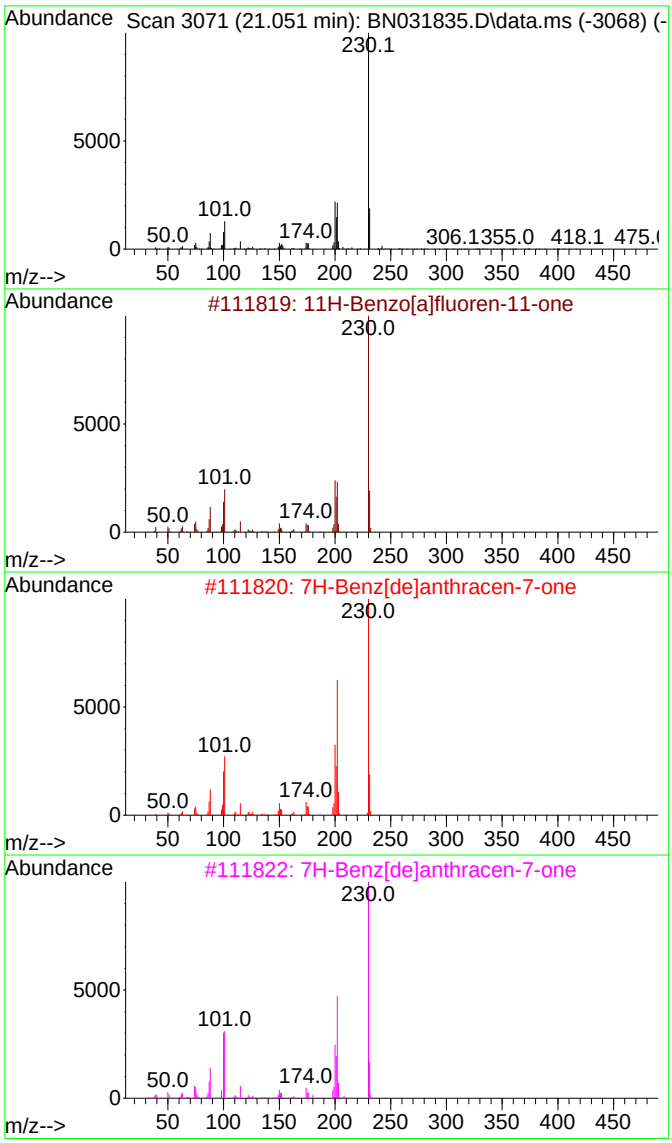
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

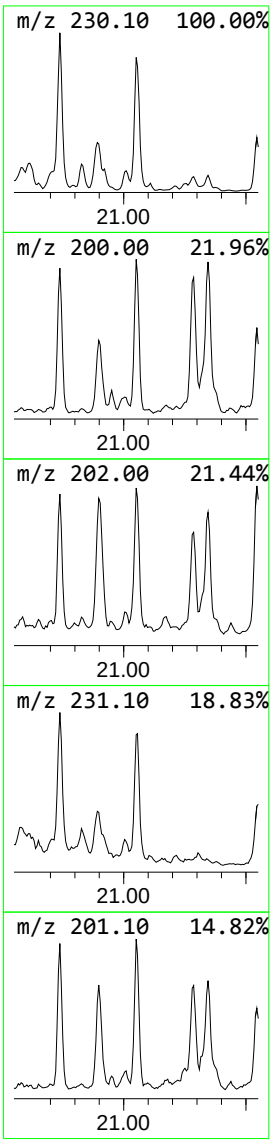
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.08 ng/ul	1827000	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	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
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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Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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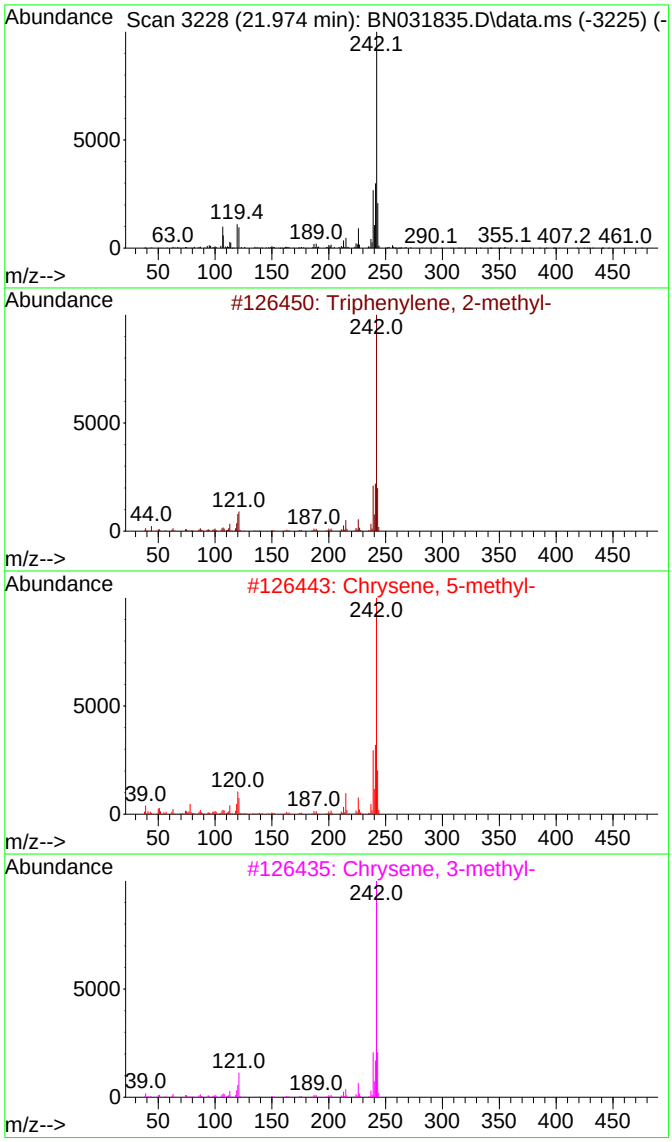
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

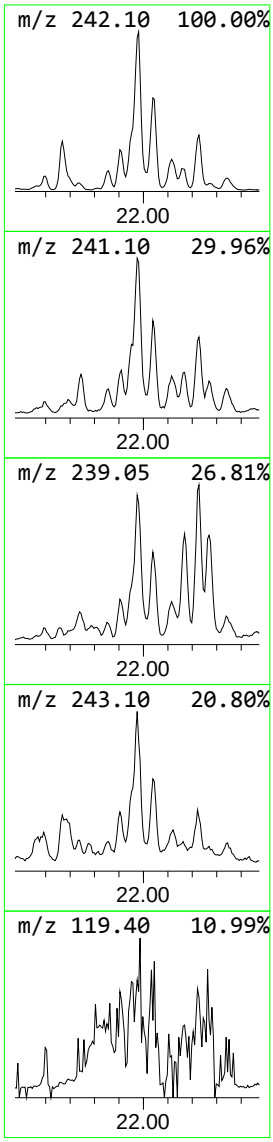
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Triphenylene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	2.25 ng/ul	1333320	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





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Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

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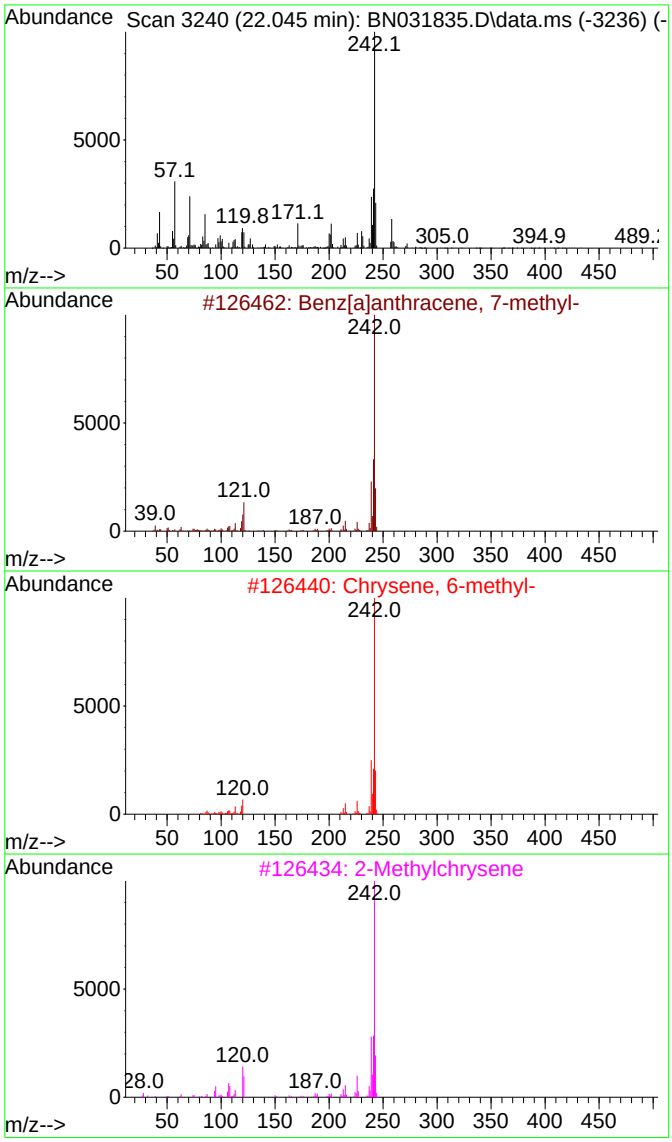
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

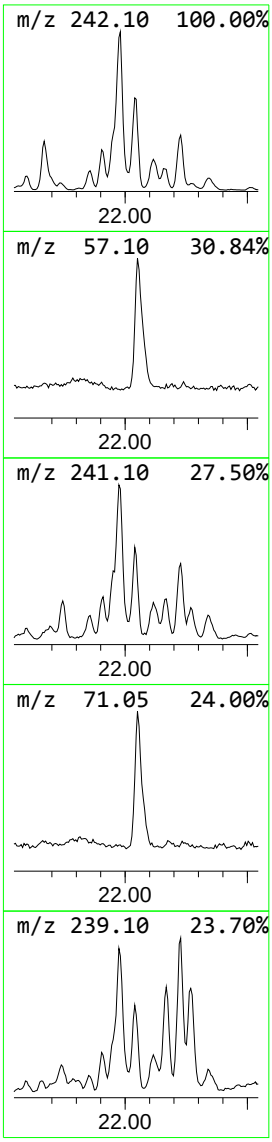
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.045	2.68 ng/ul	1591280	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
3	2-Methylchrysene	242	C19H14	003351-32-4	83
4	9H-Tribenzo[a,c,e)cycloheptene	242	C19H14	000213-10-5	78
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70





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Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

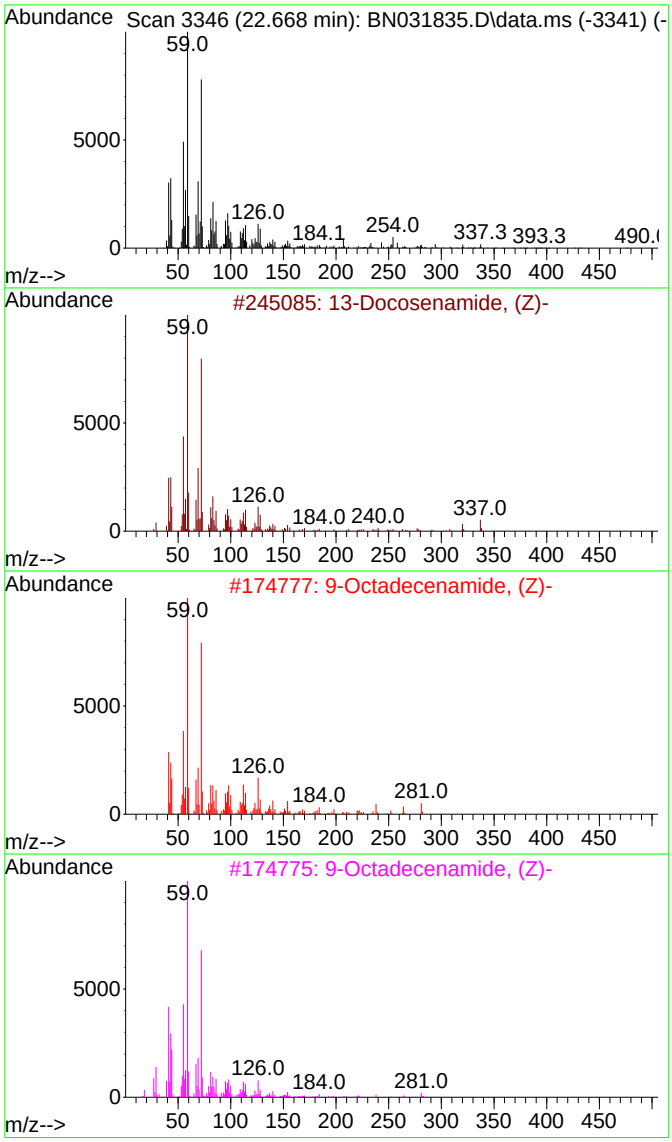
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

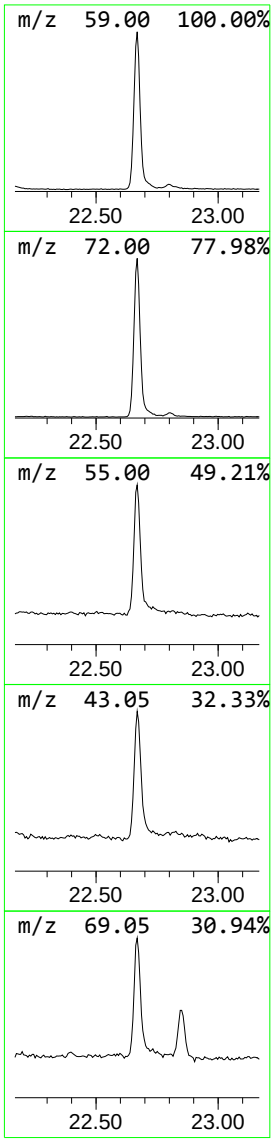
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 13-Docosenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.668	4.45 ng/ul	2638330	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	93
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	Palmitoleamide	253	C16H31NO	106010-22-4	78
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76





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Sample : P2634-09
Misc :
ALS Vial : 23 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

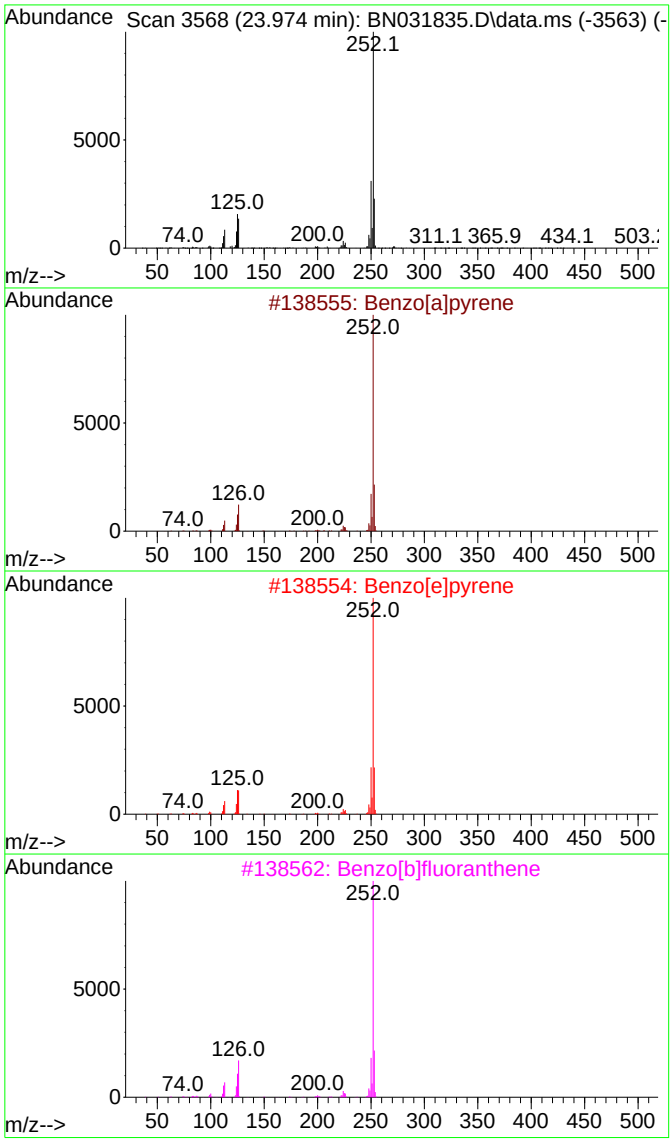
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

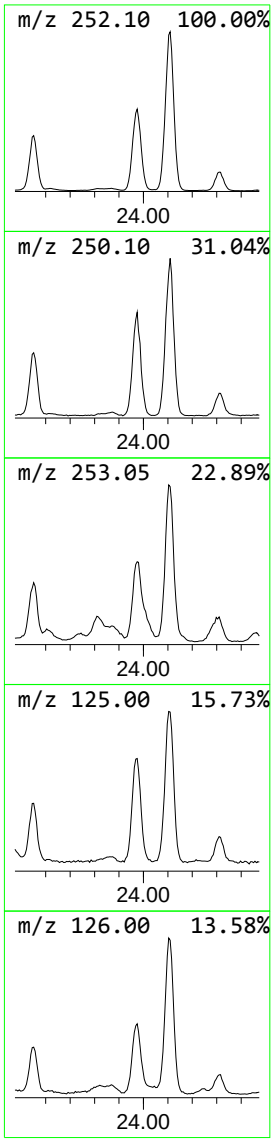
****

Peak Number 25 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	8.08 ng/ul	1547670	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031835.D
Acq On : 07 Jun 2024 01:48
Operator : MA/JU
Sample : P2634-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX3

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
unknown-01	3.693	2.1	ng/ul	260915	1	7.669	2484860	20.0
1-Phenoxypropan...	11.198	2.4	ng/ul	429567	2	10.457	3568190	20.0
2-Methyldibenzo...	17.645	2.5	ng/ul	614653	4	17.063	4945030	20.0
Anthracene, 2-m...	17.939	6.9	ng/ul	1702310	4	17.063	4945030	20.0
n-Hexadecanoic ...	17.969	3.7	ng/ul	920414	4	17.063	4945030	20.0
1H-Cyclopropa[l...	18.127	11.1	ng/ul	2732900	4	17.063	4945030	20.0
Phenanthrene, 1...	18.169	4.9	ng/ul	1208940	4	17.063	4945030	20.0
5,16[1',2']:8,1...	18.445	4.1	ng/ul	1020380	4	17.063	4945030	20.0
9,10-Anthracene...	18.486	5.7	ng/ul	1402720	4	17.063	4945030	20.0
Phenanthrene, 2...	18.692	2.2	ng/ul	539638	4	17.063	4945030	20.0
Phenanthrene, 3...	18.739	2.8	ng/ul	687239	4	17.063	4945030	20.0
Phenanthrene, 2...	18.863	7.4	ng/ul	1835320	4	17.063	4945030	20.0
Phenanthrene, 2...	18.922	4.1	ng/ul	1008550	4	17.063	4945030	20.0
Cyclopenta(def)...	19.004	5.8	ng/ul	1439060	4	17.063	4945030	20.0
Pyrene, 1-methyl-	19.816	3.5	ng/ul	2059140	5	21.304	11863500	20.0
11H-Benzo[b]flu...	19.957	2.0	ng/ul	1212160	5	21.304	11863500	20.0
11H-Benzo[a]flu...	19.986	3.5	ng/ul	2060800	5	21.304	11863500	20.0
Fluoranthene, 2...	20.145	2.5	ng/ul	1473010	5	21.304	11863500	20.0
11H-Benzo[a]flu...	20.739	3.1	ng/ul	1868240	5	21.304	11863500	20.0
unknown-02	20.986	4.7	ng/ul	2763890	5	21.304	11863500	20.0
7H-Benz[de]anth...	21.051	3.1	ng/ul	1827000	5	21.304	11863500	20.0
Triphenylene, 2...	21.974	2.3	ng/ul	1333320	5	21.304	11863500	20.0
Benz[a]anthrace...	22.045	2.7	ng/ul	1591280	5	21.304	11863500	20.0
13-Docosenamide...	22.668	4.5	ng/ul	2638330	5	21.304	11863500	20.0
Benzo[e]pyrene	23.974	8.1	ng/ul	1547670	6	24.245	3829910	20.0