LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018921.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	98	102	109	rBV	57468	81674	0.82%	0.070%
2	3.787	115	119	126	rVV	139246	169968	1.70%	0.146%
3	4.928	308	313	323	rVB	42343	72518	0.73%	0.062%
4	7.005	654	666	682	rVB2	365788	745983	7.47%	0.640%
5	7.169	688	694	703	rBV	312540	482479	4.83%	0.414%
6	7.363	721	727	735	rVB	391968	604758	6.05%	0.519%
7	7.828	797	806	816	rBV	804065	1270381	12.72%	1.090%
8	8.546	921	928	936	rBV	400448	639771	6.40%	0.549%
9	8.657	941	947	956	rVB	354282	546324	5.47%	0.469%
10	8.993	997	1004	1012	rBV	341149	560710	5.61%	0.481%
11	9.710	1118	1126	1133	rBV	258873	438938	4.39%	0.377%
12	9.887	1148	1156	1163	rBV	64296	113226	1.13%	0.097%
13	10.075	1176	1188	1193	rBV	37216	84792	0.85%	0.073%
14	10.251	1211	1218	1226	rBV	442030	722438	7.23%	0.620%
15	10.628	1272	1282	1287	rBV	1002731	1659617	16.61%	1.424%
16	10.675	1287	1290	1299	rVB	83629	132351	1.32%	0.114%
17	10.769	1299	1306	1322	rBV	204206	403686	4.04%	0.346%
18	11.975	1504	1511	1520	rBV2	43017	100473	1.01%	0.086%
19	12.287	1558	1564	1572	rVB	56205	95314	0.95%	0.082%
20	12.504	1594	1601	1608	rVB	52271	86342	0.86%	0.074%
21	13.298	1730	1736	1742	rVB2	35147	68200	0.68%	0.059%
22	13.787	1812	1819	1824	rBV	73072	130447	1.31%	0.112%
23	13.881	1830	1835	1840	rVV	726489	999375	10.00%	0.858%
24	14.157	1871	1882	1896	rBV2	890851	1546813	15.48%	1.328%
25	14.463	1924	1934	1939	rBV	1377061	2050088	20.52%	1.760%
26	14.528	1939	1945	1953	rVB2	313295	522792	5.23%	0.449%
27	14.681	1965	1971	1980	rBV2	174065	324817	3.25%	0.279%
28	14.863	1993	2002	2010	rVB	157682	274483	2.75%	0.236%
29	15.016	2022	2028	2035	rBV	367884	575687	5.76%	0.494%
30	15.457	2097	2103	2108	rVV	1106014	1584125	15.86%	1.360%
31	15.510	2108	2112	2120	rVV	277964	434970	4.35%	0.373%
32	15.587	2120	2125	2130	rVV3	116597	206500	2.07%	0.177%
33	15.634	2130	2133	2136	rVV2	59222	80743	0.81%	0.069%
34	15.675	2136	2140	2144	rVV2	53656	88286	0.88%	0.076%
35	15.722	2144	2148	2151	rVV4	45315	70782	0.71%	0.061%
36	15.804	2158	2162	2170	rVB2	107336	169219	1.69%	0.145%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

37	15.951	2183	2187	2195	rVB	88114	173208	1.73%	0.149%
38	16.186	2222	2227	2234	rVB5	79646	158081	1.58%	0.136%
39	16.516	2273	2283	2288	rBV4	96485	252916	2.53%	0.217%
40	16.569	2288	2292	2297	rVB2	58034	87079	0.87%	0.075%
41	16.669	2305	2309	2313	rVB3	51835	80195	0.80%	0.069%
42	16.745	2314	2322	2325	rBV3	64832	127048	1.27%	0.109%
43	16.786	2325	2329	2333	rVB3	145014	212408	2.13%	0.182%
44	16.869	2338	2343	2351	rVB	169777	254868	2.55%	0.219%
45	16.945	2351	2356	2358	rBV2	69989	113022	1.13%	0.097%
46	17.033	2366	2371	2379	rVB	185311	285232	2.85%	0.245%
47	17.216	2396	2402	2405	rBV	1588013	2182998	21.85%	1.874%
48	17.257	2405	2409	2414	rVV	3599219	4952312	49.57%	4.250%
49	17.316	2414	2419	2422	rVV	1160275	1772109	17.74%	1.521%
50	17.345	2422	2424	2430	rVV	850004	1118003	11.19%	0.960%
51	17.410	2430	2435	2440	rVV3	179415	277249	2.77%	0.238%
52	17.622	2463	2471	2480	rBV2	367468	665674	6.66%	0.571%
53	17.739	2488	2491	2494	rVB	77064	84413	0.84%	0.072%
54	17.792	2497	2500	2508	rVB4	112943	185482	1.86%	0.159%
55	17.933	2521	2524	2528	rVB	49833	71428	0.71%	0.061%
56	18.080	2543	2549	2554	rVV	558067	1161677	11.63%	0.997%
57	18.133	2554	2558	2562	rVV	781116	1115239	11.16%	0.957%
58	18.175	2563	2565	2567	rVV	64102	74438	0.75%	0.064%
59	18.210	2567	2571	2576	rVV	283311	417972	4.18%	0.359%
60	18.275	2576	2582	2585	rVV2	840549	1472577	14.74%	1.264%
61	18.310	2585	2588	2595	rVB	400059	541357	5.42%	0.465%
62	18.386	2598	2601	2604	rVV3	77495	114600	1.15%	0.098%
63	18.422	2604	2607	2611	rVB3	129049	159140	1.59%	0.137%
64	18.569	2628	2632	2635	rBV	427227	520603	5.21%	0.447%
65	18.610	2635	2639	2644	rVB2	340028	461200	4.62%	0.396%
66	18.663	2645	2648	2651	rBV2	126583	148954	1.49%	0.128%
67	18.780	2664	2668	2670	rBV2	152532	217329	2.18%	0.187%
68	18.857	2678	2681	2683	rBV	121553	128143	1.28%	0.110%
69	18.892	2684	2687	2690	rVB2	128942	158910	1.59%	0.136%
70	18.975	2696	2701	2704	rBV	369567	611868	6.12%	0.525%
71	19.016	2705	2708	2714	rVB3	194640	413049	4.13%	0.355%
72	19.110	2720	2724	2737	rBV2	366417	781799	7.82%	0.671%
73	19.233	2739	2745	2750	rVB	7032759	9540062	95.49%	8.188%
74	19.327	2758	2761	2766	rBV3	182966	320507	3.21%	0.275%
75	19.463	2781	2784	2788	rVB	202481	245926	2.46%	0.211%
76	19.557	2794	2800	2802	rBV3	2690625	4245525	42.49%	3.644%

LSC Area Percent Report

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Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

77	19.586	2802	2805	2812	rVB	6385049	8015486	80.23%	6.879%
78	19.651	2812	2816	2820	rBV2	331814	484872	4.85%	0.416%
79	19.757	2831	2834	2840	rVV	307868	375551	3.76%	0.322%
80	19.816	2841	2844	2848	rVB	309511	416106	4.16%	0.357%
81	19.898	2853	2858	2864	rBV4	476897	1145486	11.46%	0.983%
82	20.027	2876	2880	2882	rBV4	331432	517559	5.18%	0.444%
83	20.063	2883	2886	2892	rVB3	973959	1373915	13.75%	1.179%
84	20.163	2899	2903	2906	rBV	701127	868367	8.69%	0.745%
85	20.222	2909	2913	2916	rVB2	595813	867762	8.69%	0.745%
86	20.310	2925	2928	2932	rVB2	416330	490655	4.91%	0.421%
87	20.357	2933	2936	2939	rBV	390352	427650	4.28%	0.367%
88	20.398	2940	2943	2948	rVB	401042	501645	5.02%	0.431%
89	20.798	3008	3011	3016	rVB	662833	800395	8.01%	0.687%
90	20.998	3042	3045	3048	rBV	711724	903074	9.04%	0.775%
91	21.092	3057	3061	3071	rVB2	818792	1357378	13.59%	1.165%
92	21.298	3091	3096	3101	rBV3	5261434	9991163	100.00%	8.575%
93	21.345	3101	3104	3114	rVB	4346669	6643718	66.50%	5.702%
94	21.463	3122	3124	3130	rVB2	647271	879811	8.81%	0.755%
95	22.963	3373	3379	3384	rBV	3225787	7952970	79.60%	6.826%
96	23.474	3461	3466	3471	rBV	1858106	3634293	36.38%	3.119%
97	23.527	3472	3475	3478	rVV2	1239149	2069076	20.71%	1.776%
98	23.574	3479	3483	3491	rVB	3078945	5935562	59.41%	5.094%
99	23.680	3497	3501	3506	rBV	1170757	2076026	20.78%	1.782%
100	26.145	3915	3920	3933	rVB2	1612203	4742121	47.46%	4.070%

Sum of corrected areas: 116514311

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
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Operator : MA/JU
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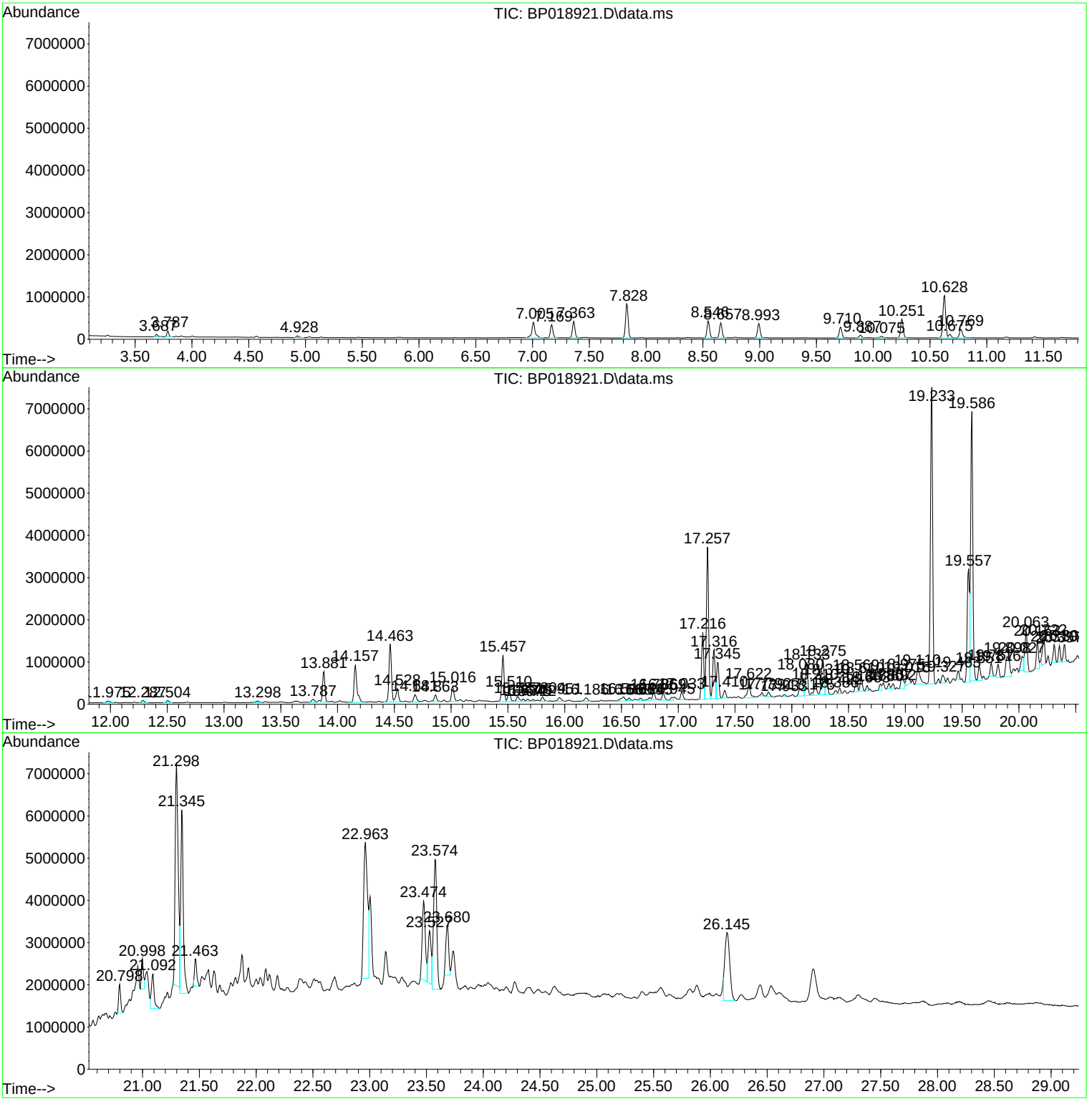
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

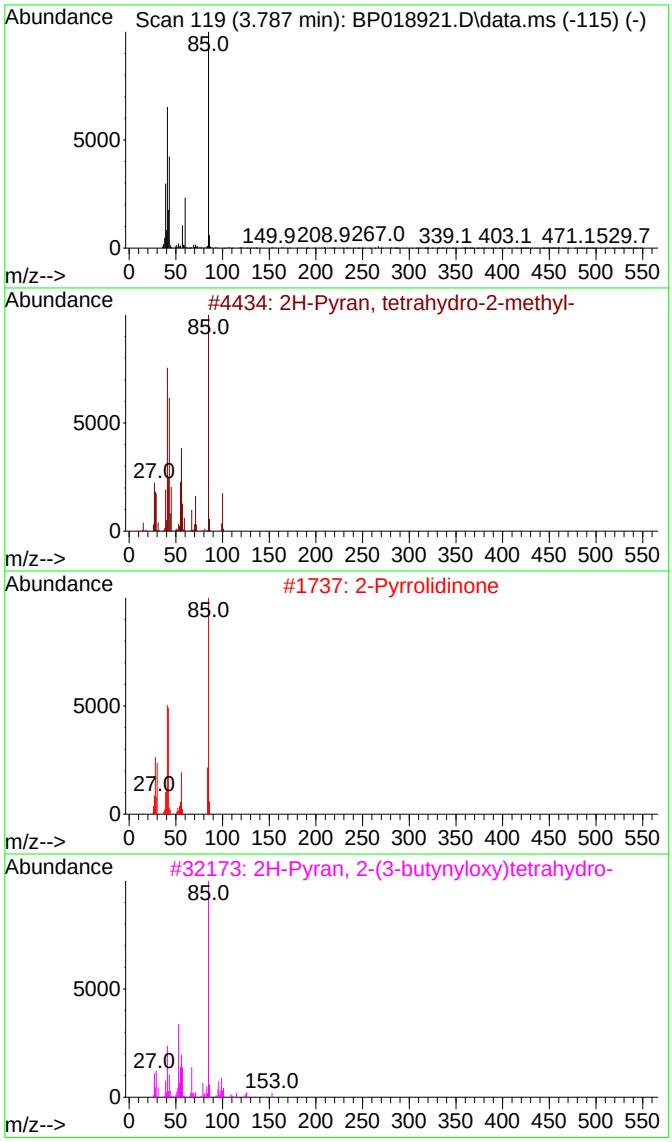
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

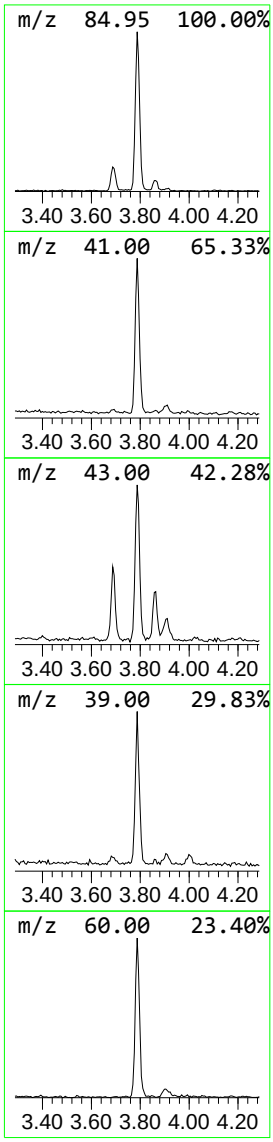
****

Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.787	2.68 ng/ul	169968	1,4-Dichlorobenzene-d4	7.828

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	2H-Pyran, 2-(3-butynyloxy)tetrah...	154	C9H14O2	040365-61-5	9
4	2H-Pyran, 2-[(5-cyclopropylidene...	210	C13H22O2	123416-83-1	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

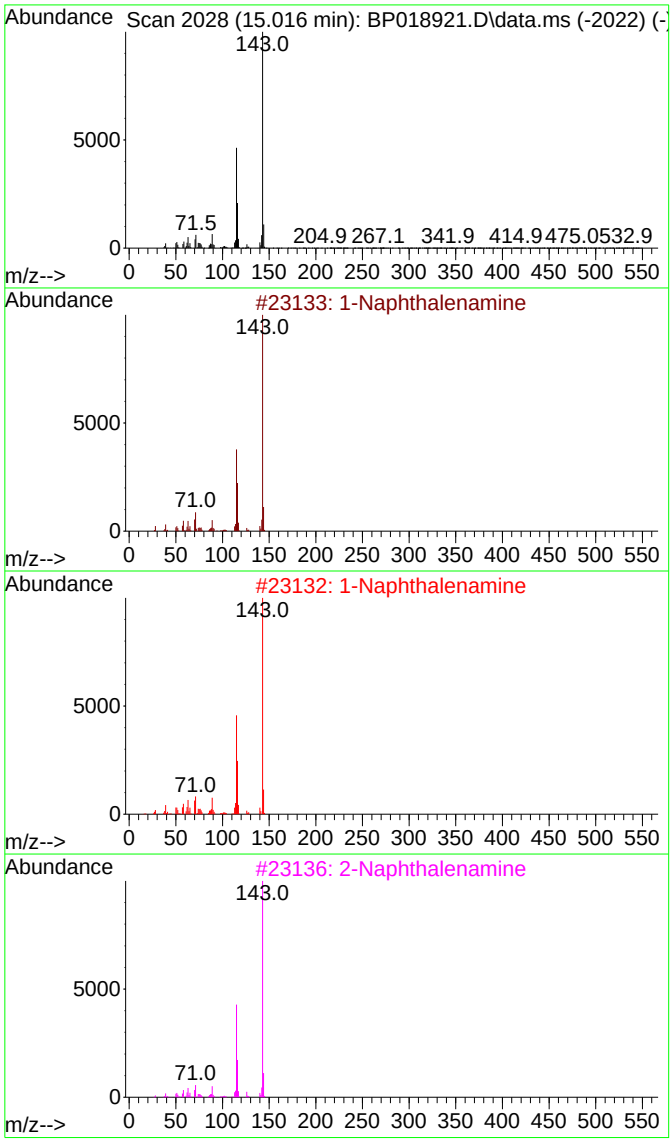
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

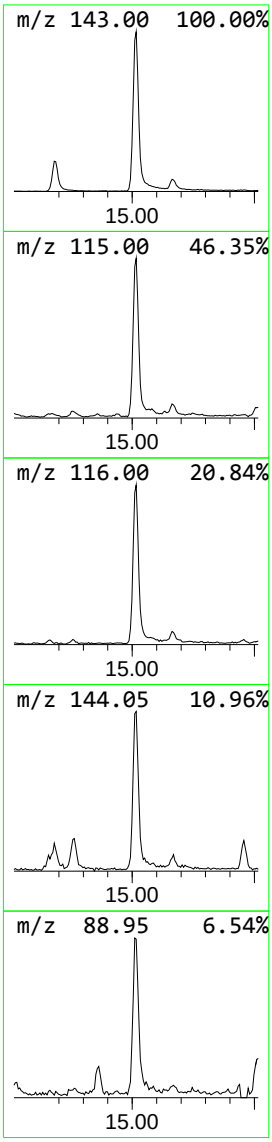
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Naphthalenamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	5.62 ng/ul	575687	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine	143	C10H9N	000134-32-7	97
2	1-Naphthalenamine	143	C10H9N	000134-32-7	97
3	2-Naphthalenamine	143	C10H9N	000091-59-8	95
4	1-Naphthalenamine	143	C10H9N	000134-32-7	94
5	2-Naphthalenamine	143	C10H9N	000091-59-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

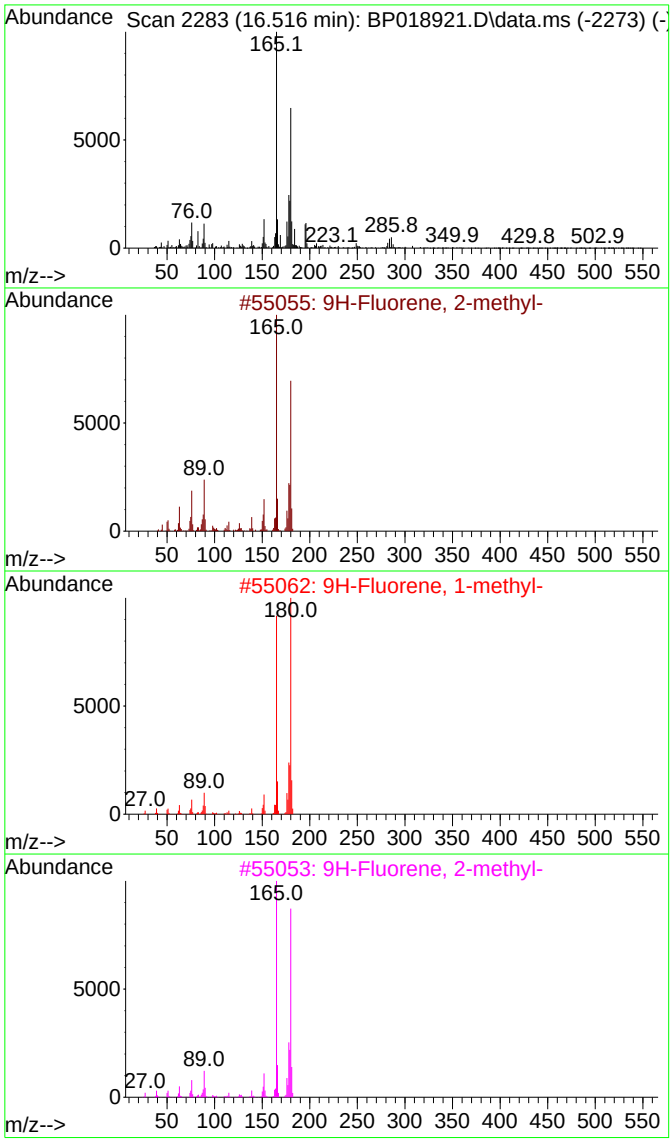
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

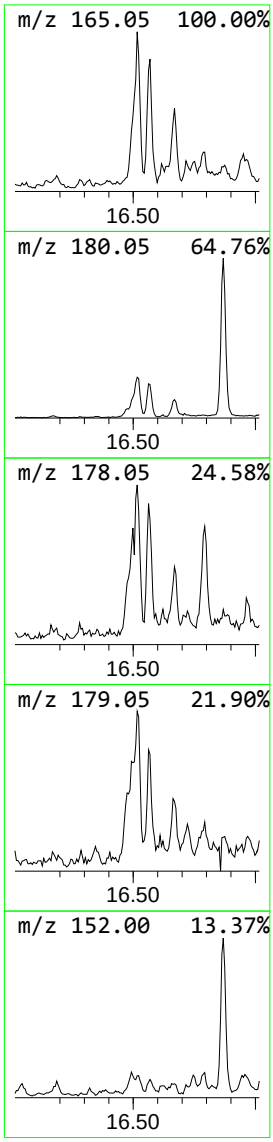
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	2.32 ng/ul	252916	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

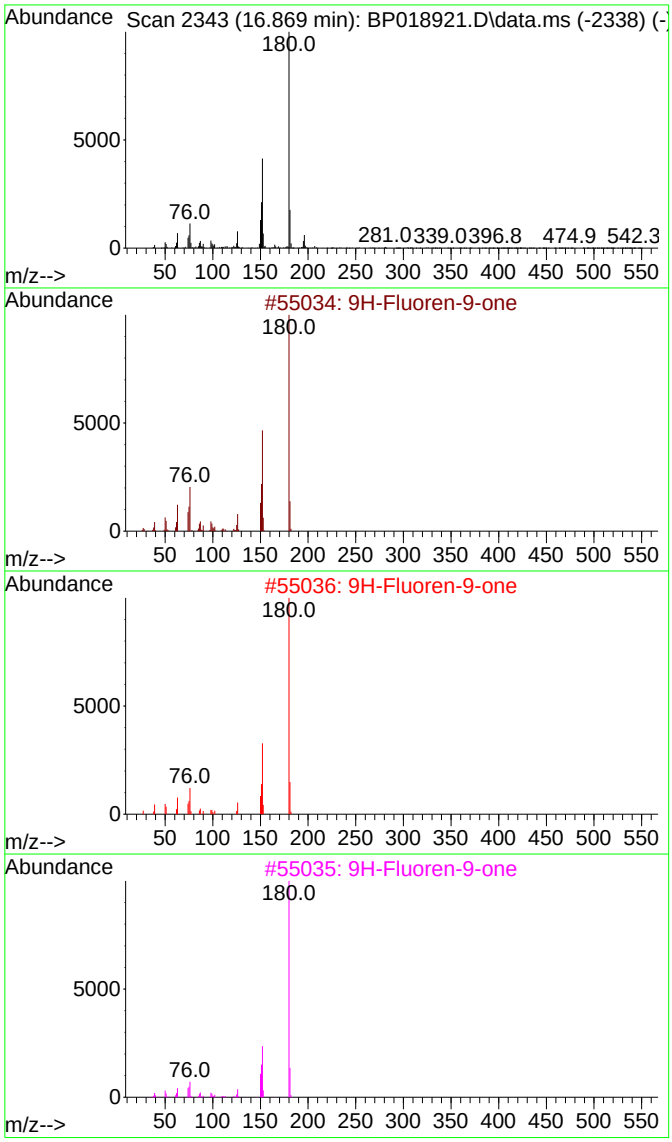
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

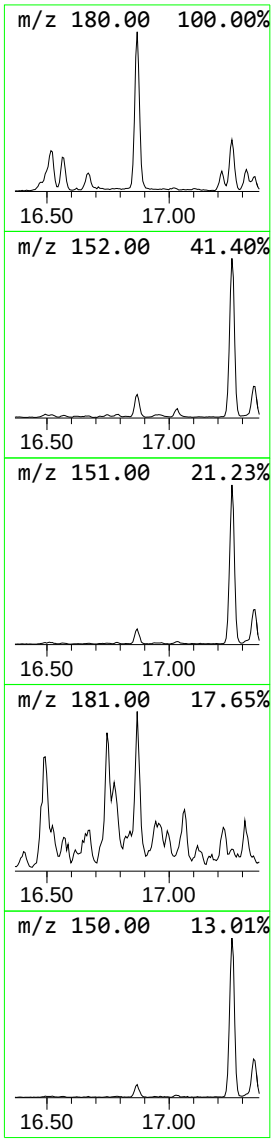
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	2.34 ng/ul	254868	Phenanthrene-d10	17.216

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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

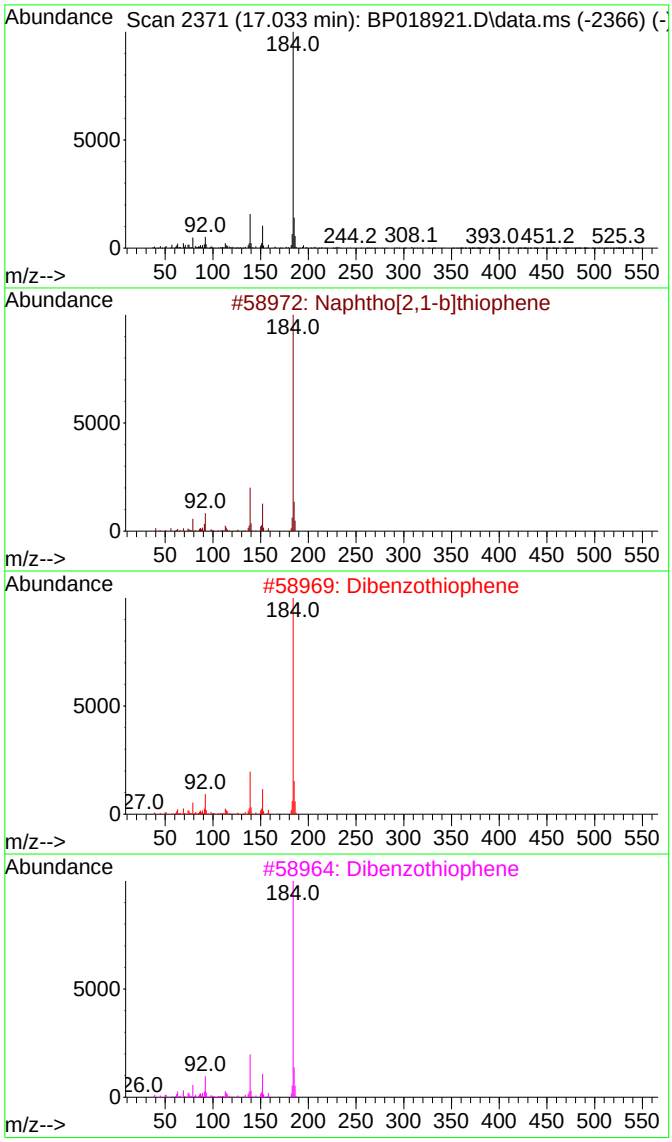
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

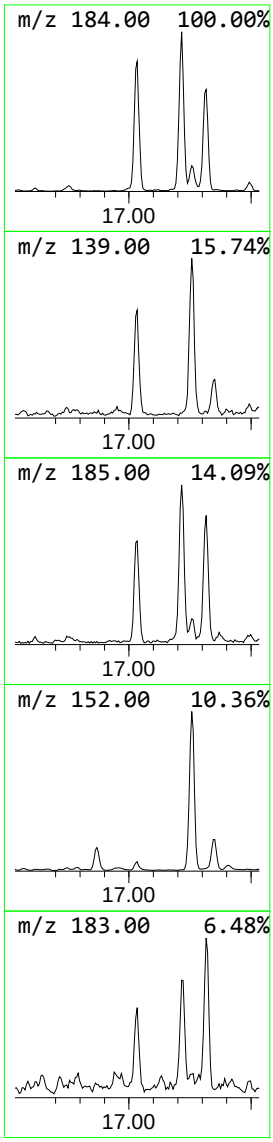
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.61 ng/ul	285232	Phenanthrene-d10	17.216

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	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





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Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

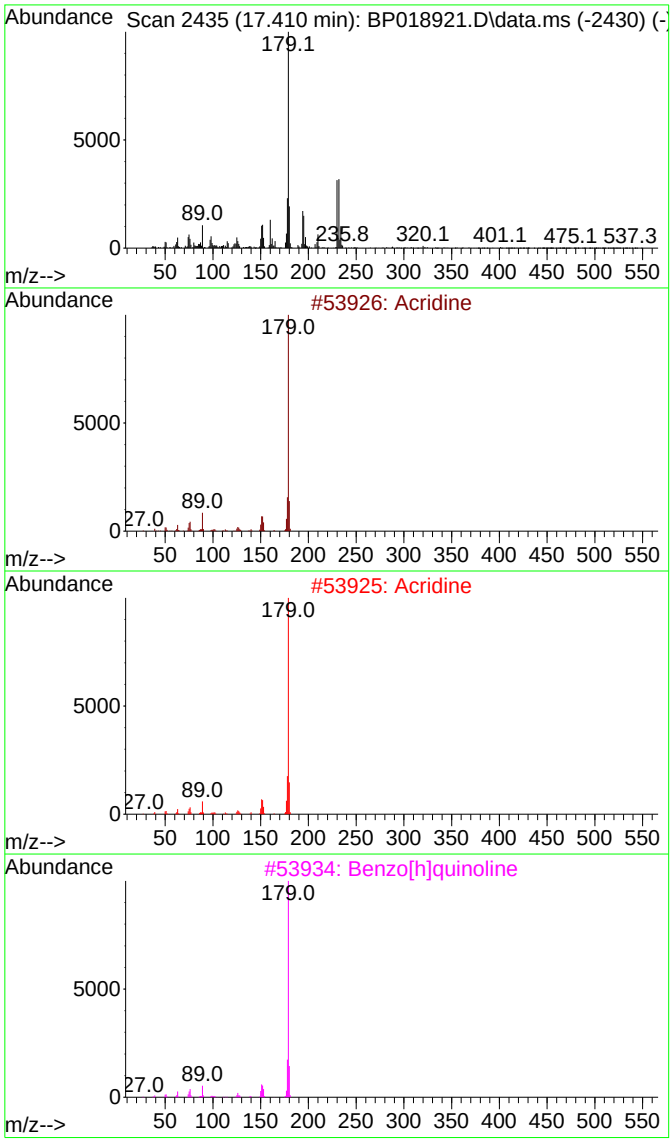
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

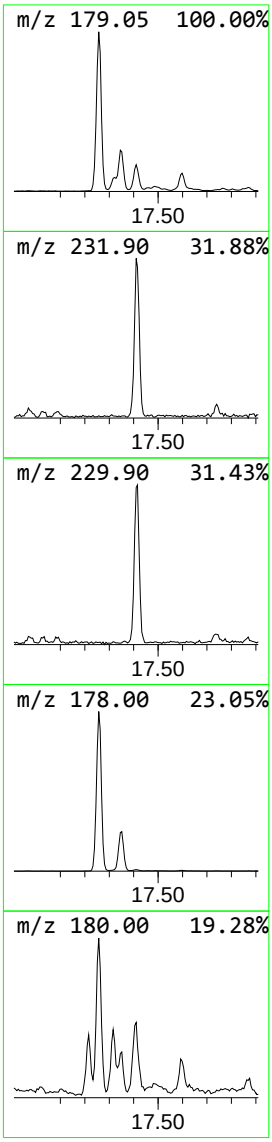
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.410	2.54 ng/ul	277249	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	92
2	Acridine	179	C13H9N	000260-94-6	90
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	60
4	Phenanthridine	179	C13H9N	000229-87-8	60
5	Acridine	179	C13H9N	000260-94-6	60





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Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

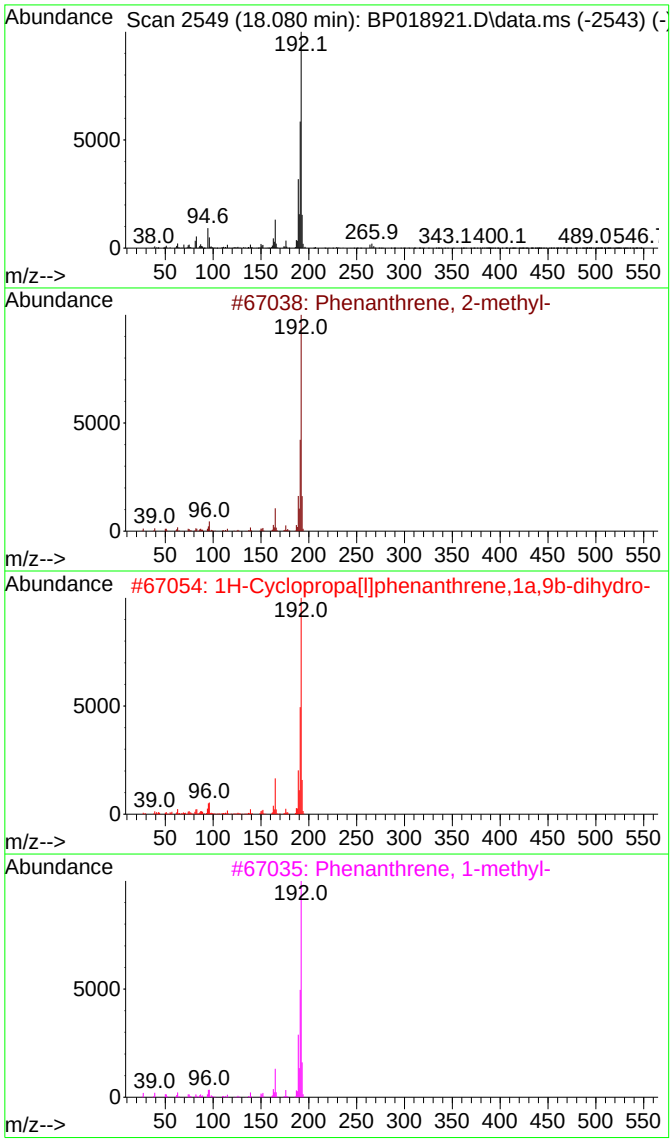
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

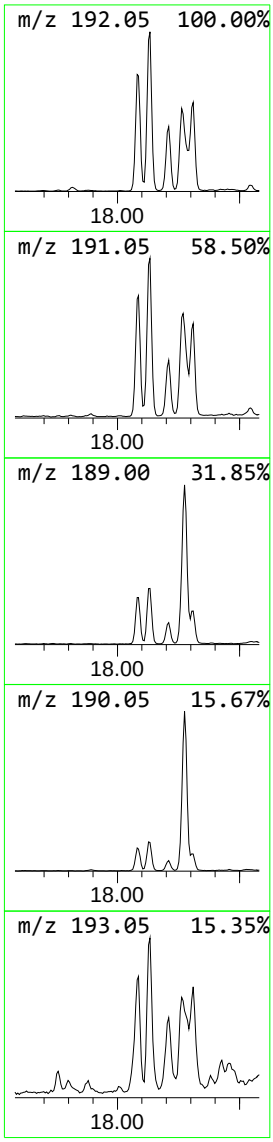
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	10.64 ng/ul	1161680	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

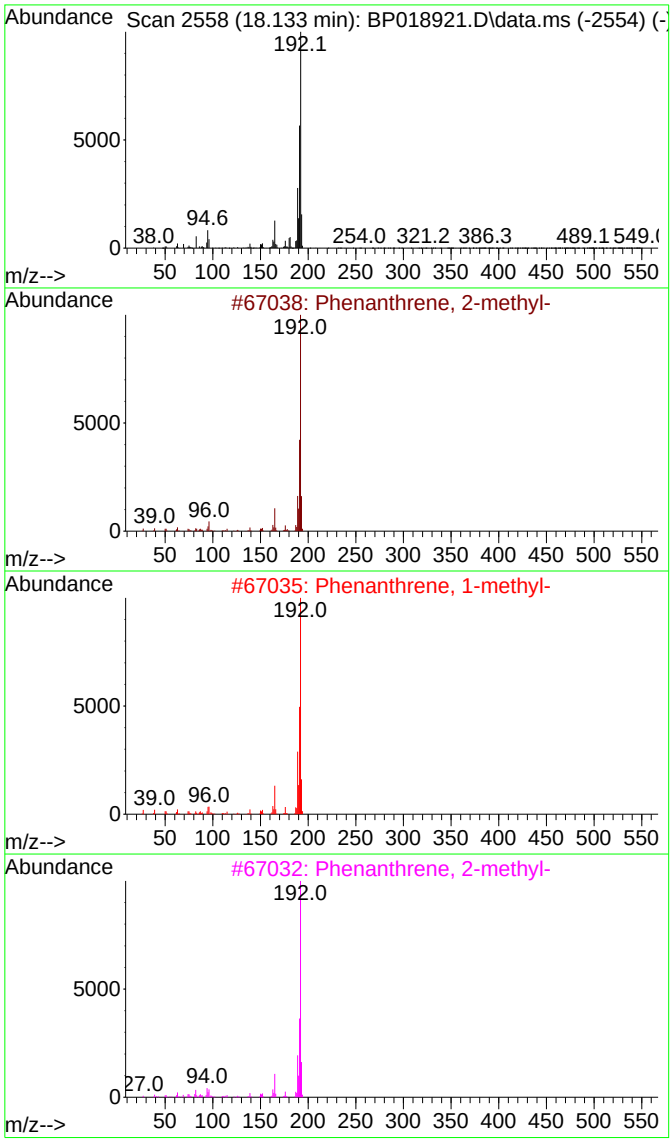
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

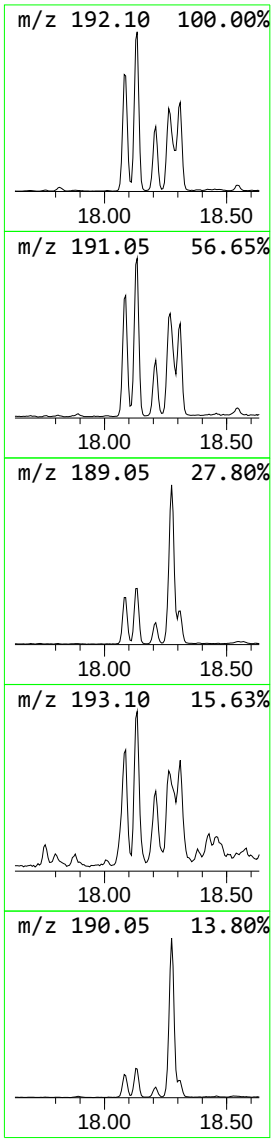
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	10.22 ng/ul	1115240	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

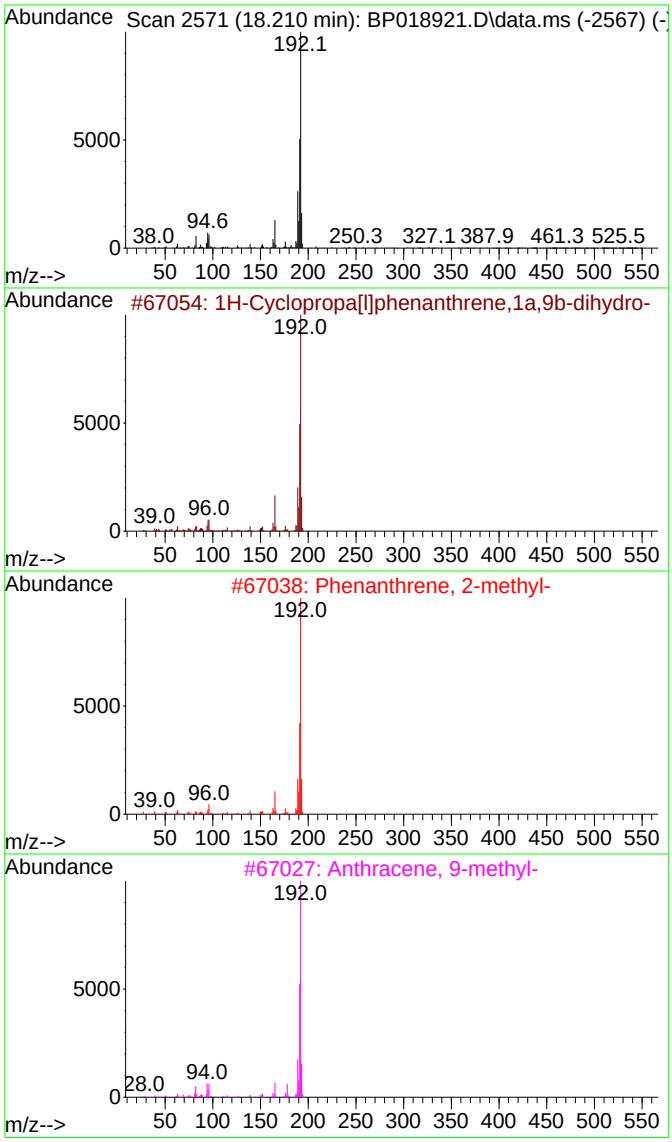
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

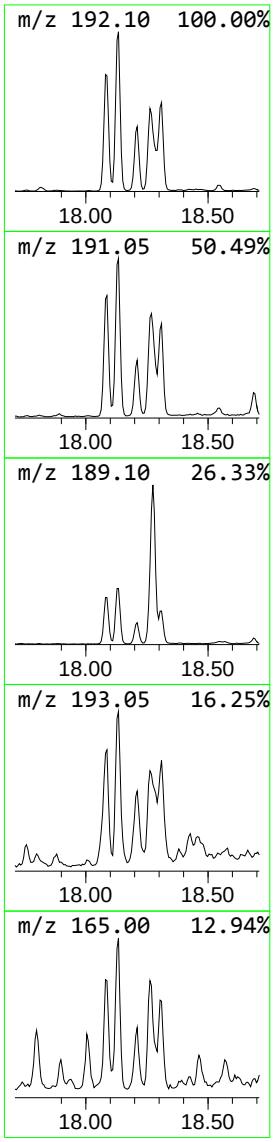
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	3.83 ng/ul	417972	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

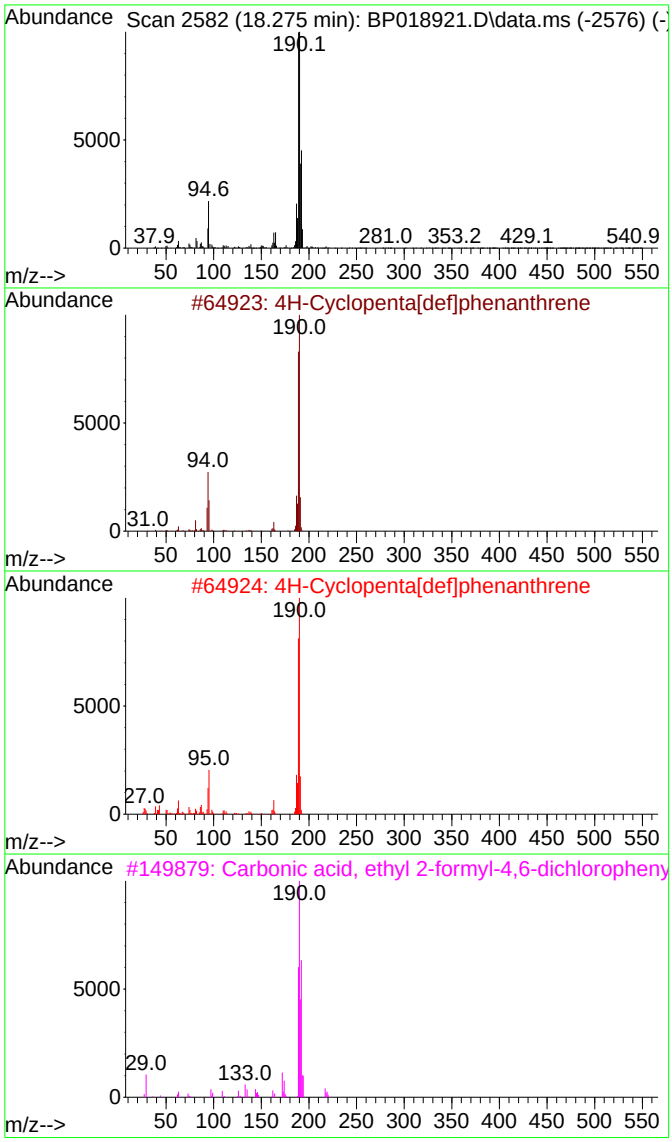
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

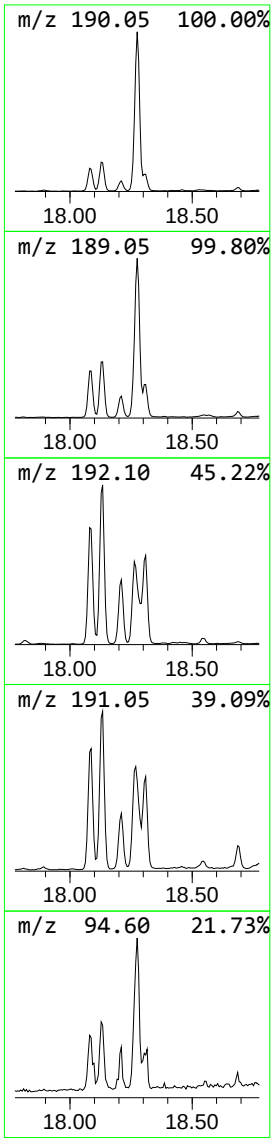
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	13.49 ng/ul	1472580	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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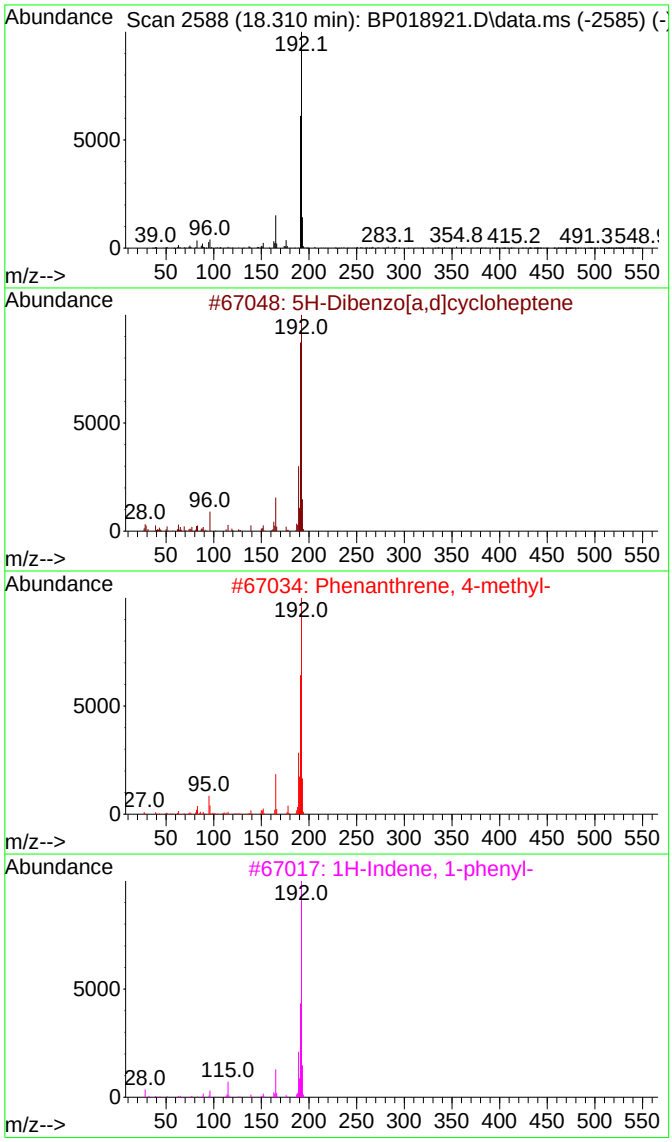
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

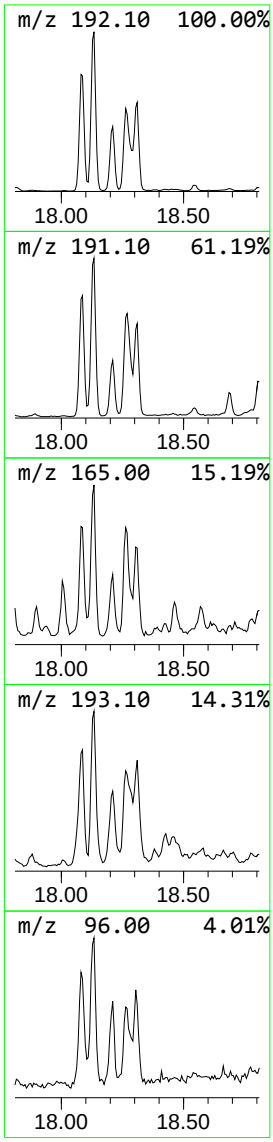
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	4.96 ng/ul	541357	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

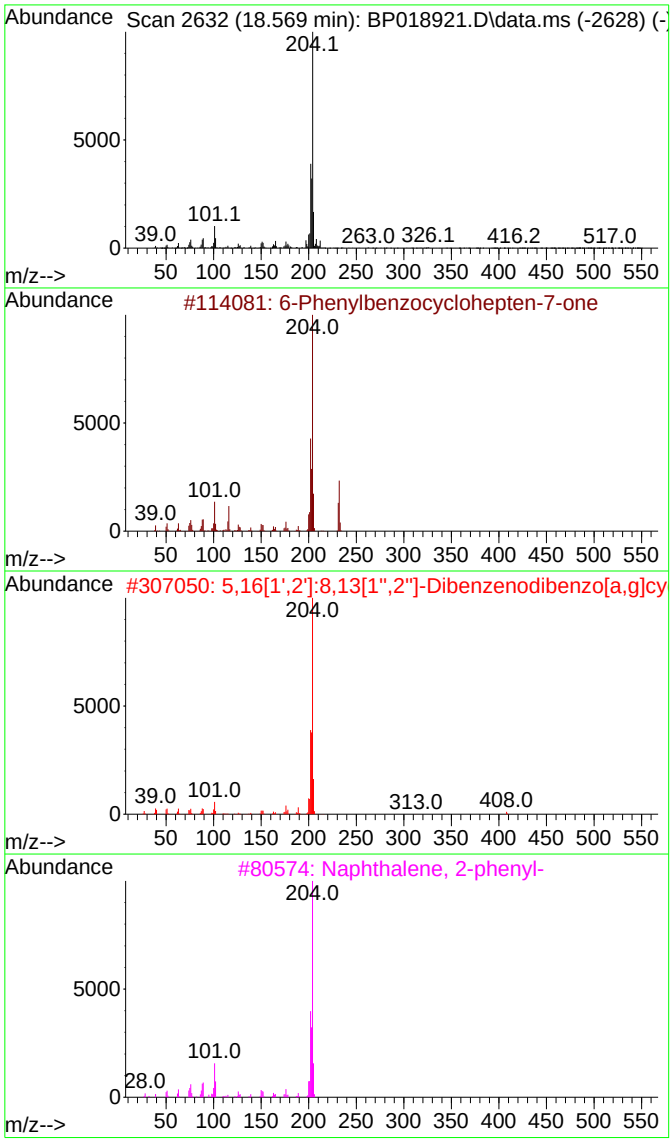
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

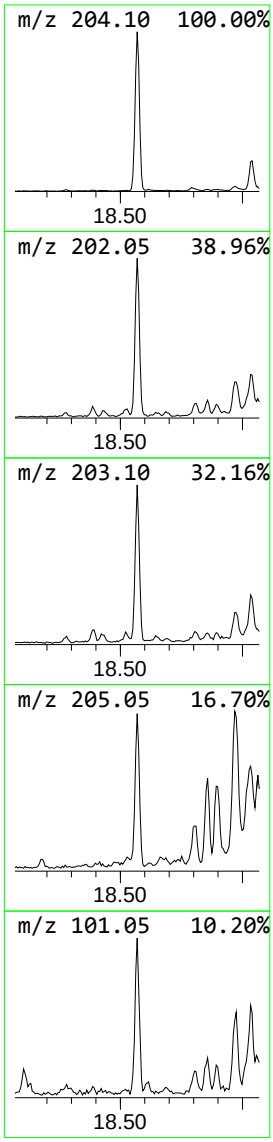
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	4.77 ng/ul	520603	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
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	83





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Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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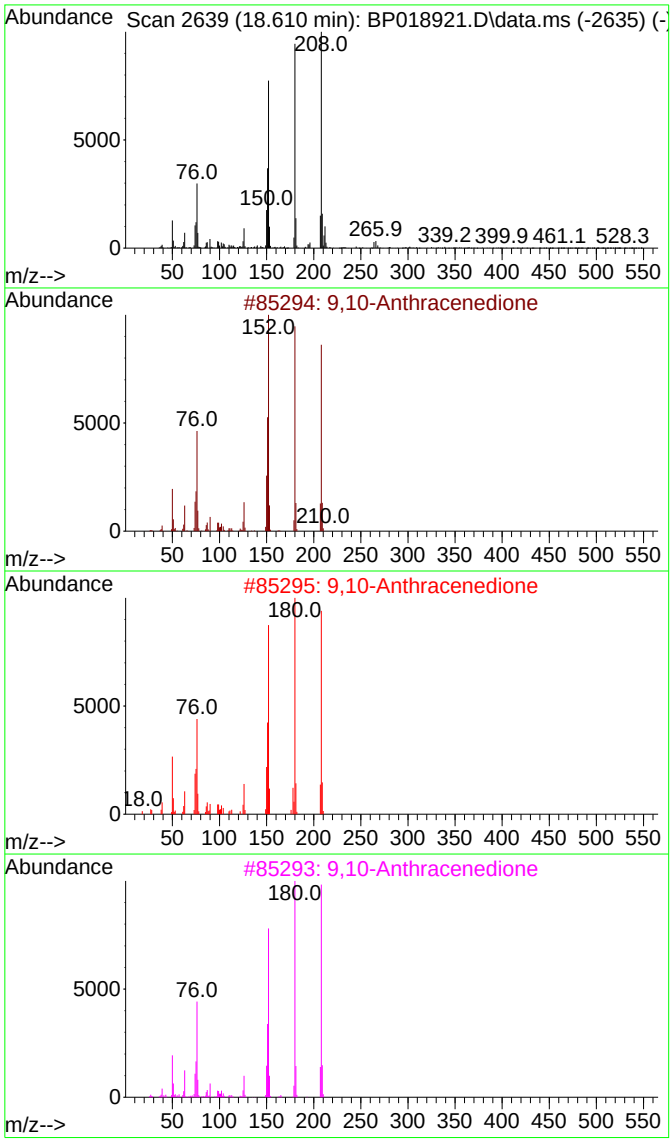
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

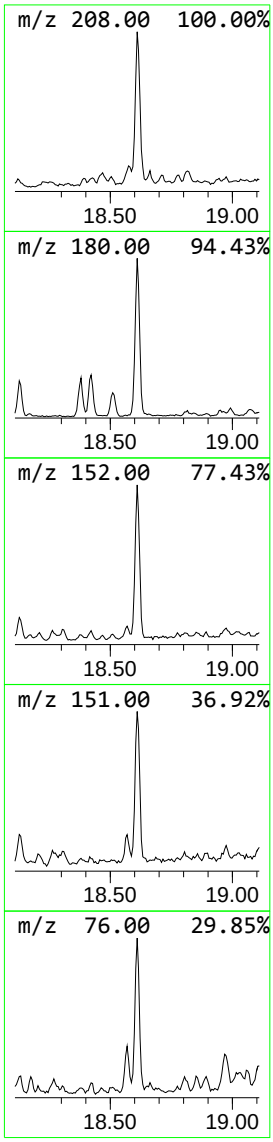
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	4.23 ng/ul	461200	Phenanthrene-d10	17.216

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	98
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
BH3Q5

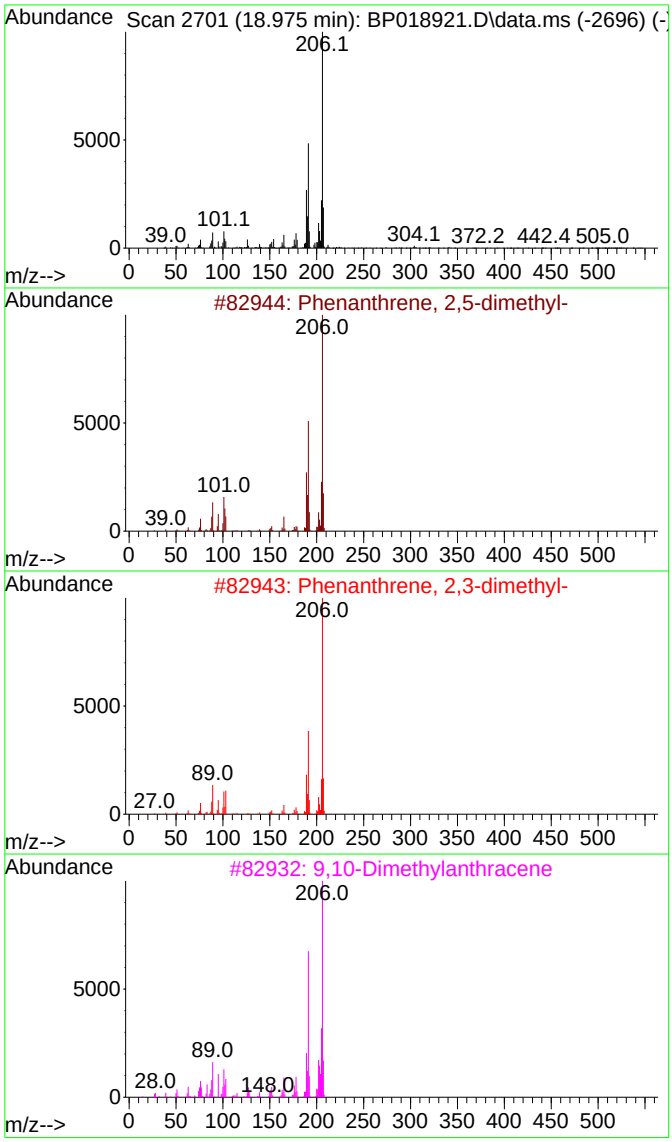
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

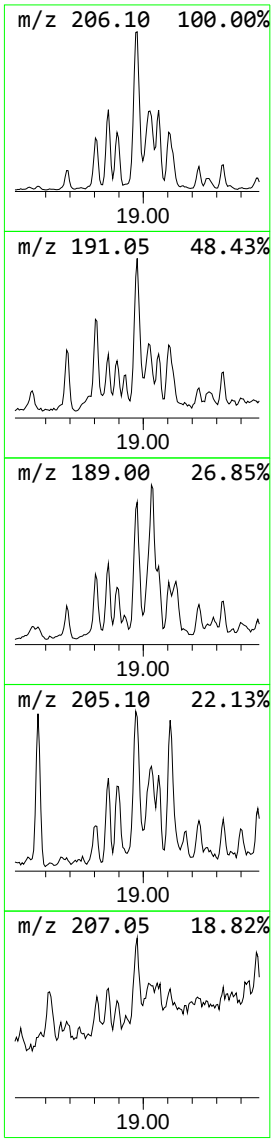
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	5.61 ng/ul	611868	Phenanthrene-d10	17.216

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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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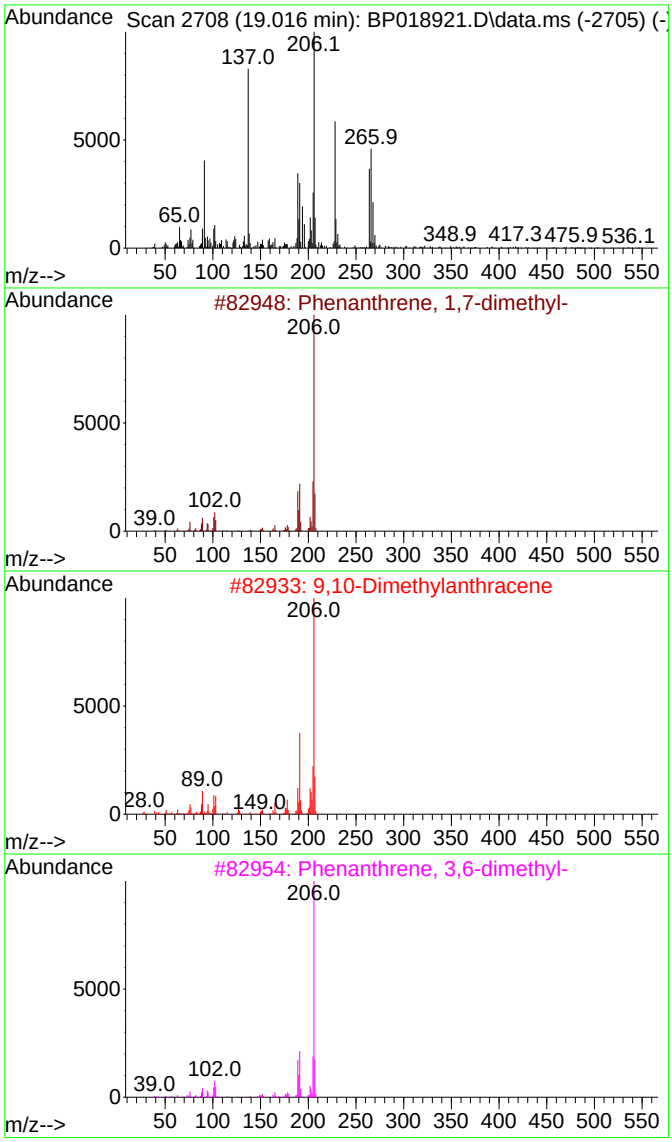
Quant Title : SVOA CALIBRATION

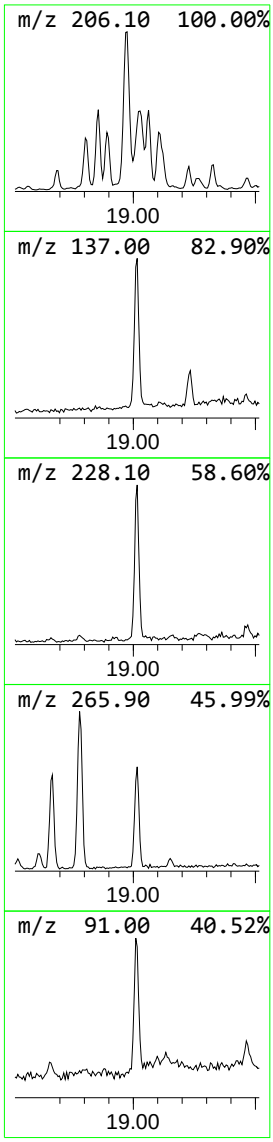
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	3.78 ng/ul	413049	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	51
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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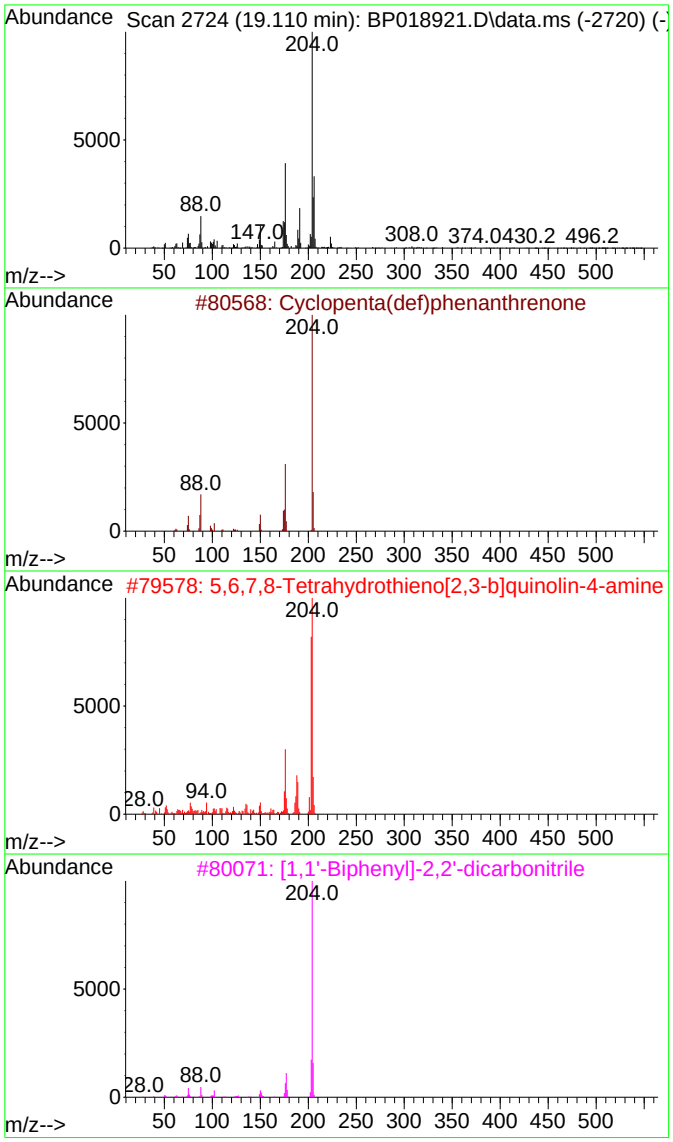
Quant Title : SVOA CALIBRATION

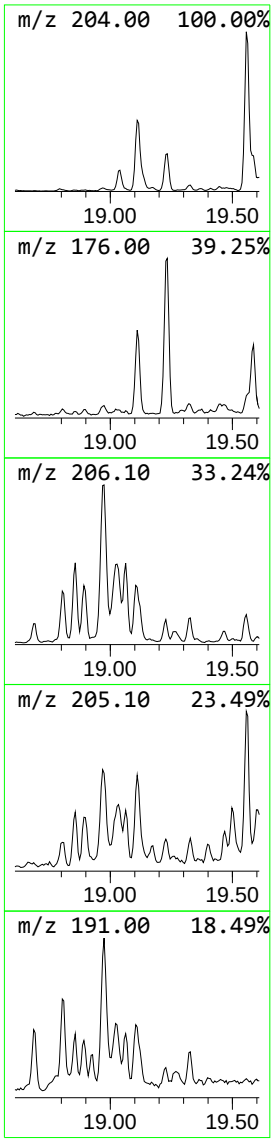
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	7.16 ng/ul	781799	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH3Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

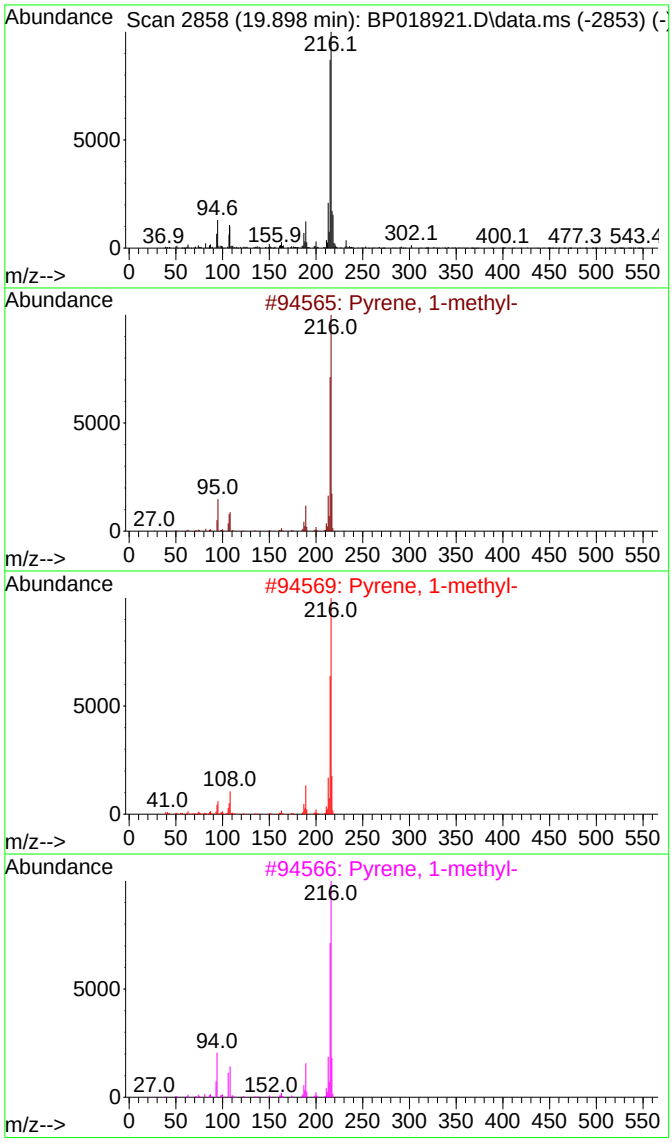
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

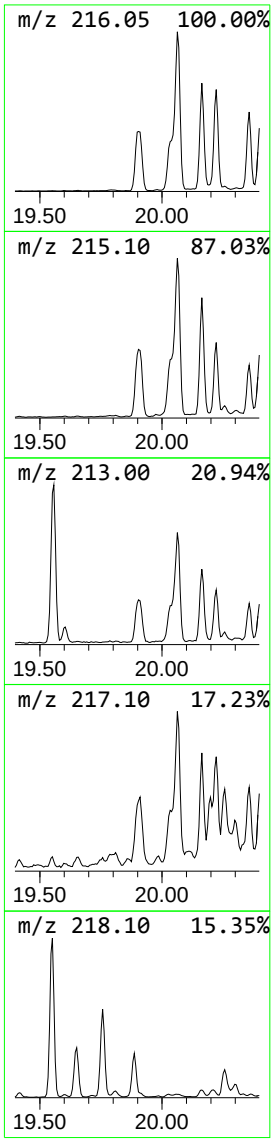
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	2.29 ng/ul	1145490	Chrysene-d12	21.310

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	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

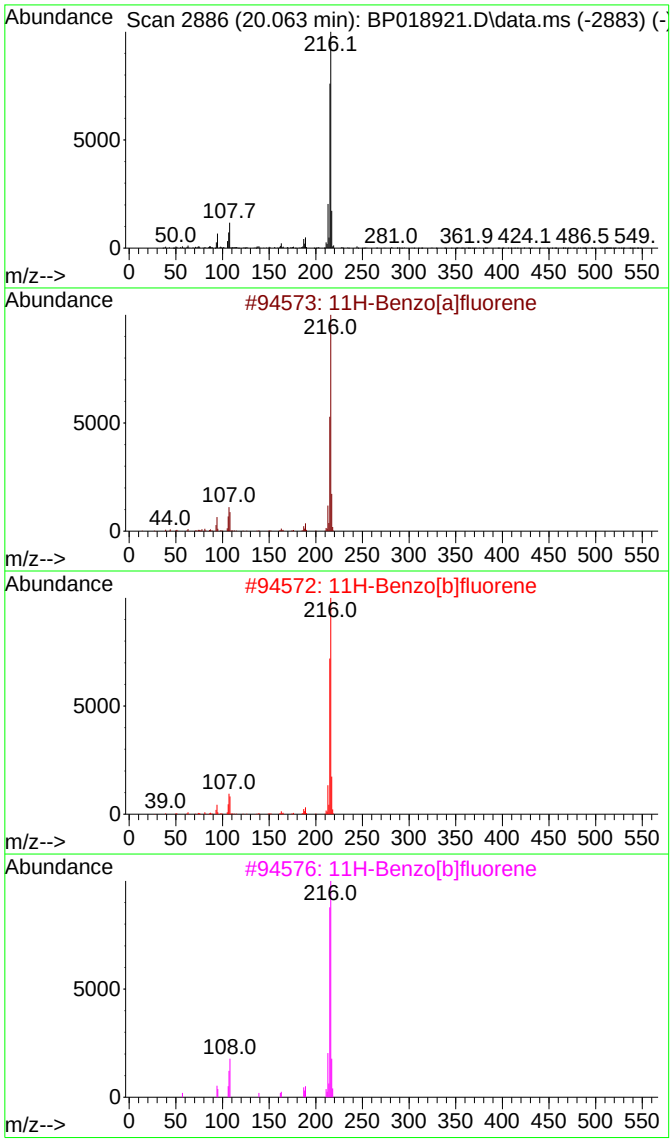
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

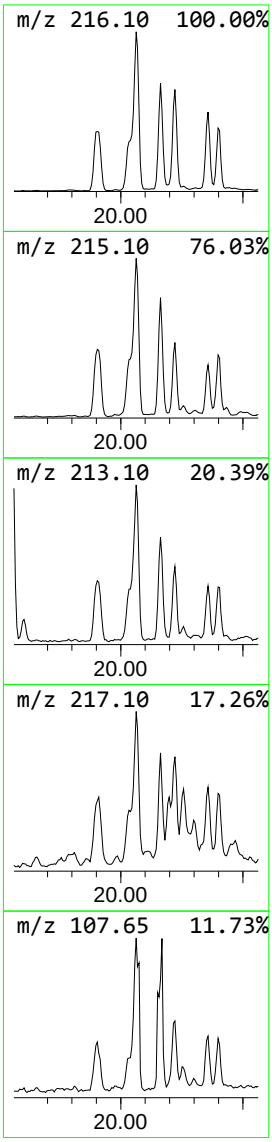
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.75 ng/ul	1373920	Chrysene-d12	21.310

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	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

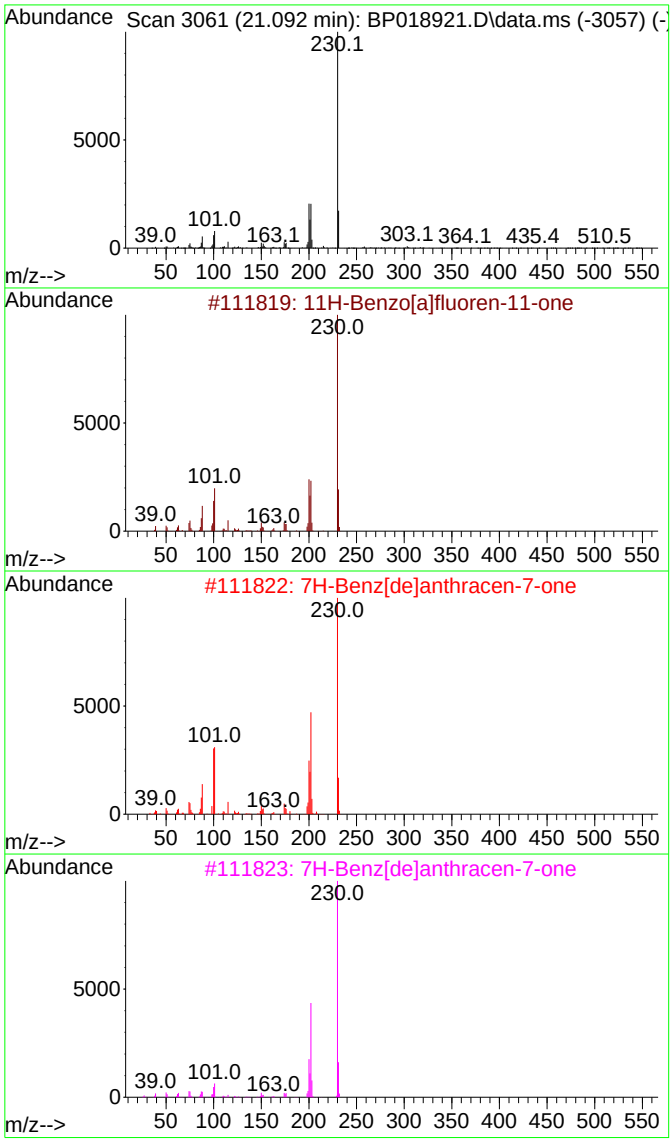
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

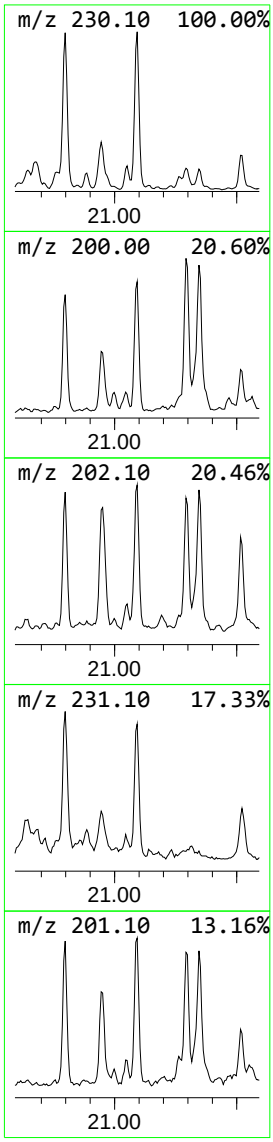
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.72 ng/ul	1357380	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
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	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018921.D
Acq On : 18 Dec 2023 23:16
Operator : MA/JU
Sample : 05794-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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	3.787	2.7	ng/ul	169968	1	7.828	1270380	20.0
1-Naphthalenamine	15.016	5.6	ng/ul	575687	3	14.463	2050090	20.0
9H-Fluorene, 2-...	16.516	2.3	ng/ul	252916	4	17.216	2183000	20.0
9H-Fluoren-9-one	16.869	2.3	ng/ul	254868	4	17.216	2183000	20.0
Naphtho[2,1-b]t...	17.034	2.6	ng/ul	285232	4	17.216	2183000	20.0
Acridine	17.410	2.5	ng/ul	277249	4	17.216	2183000	20.0
Phenanthrene, 2...	18.081	10.6	ng/ul	1161680	4	17.216	2183000	20.0
Phenanthrene, 1...	18.133	10.2	ng/ul	1115240	4	17.216	2183000	20.0
1H-Cyclopropa[1...	18.210	3.8	ng/ul	417972	4	17.216	2183000	20.0
4H-Cyclopenta[d...	18.275	13.5	ng/ul	1472580	4	17.216	2183000	20.0
5H-Dibenzo[a,d]...	18.310	5.0	ng/ul	541357	4	17.216	2183000	20.0
6-Phenylbenzocy...	18.569	4.8	ng/ul	520603	4	17.216	2183000	20.0
9,10-Anthracene...	18.610	4.2	ng/ul	461200	4	17.216	2183000	20.0
Phenanthrene, 2...	18.975	5.6	ng/ul	611868	4	17.216	2183000	20.0
Phenanthrene, 1...	19.016	3.8	ng/ul	413049	4	17.216	2183000	20.0
Cyclopenta(def)...	19.110	7.2	ng/ul	781799	4	17.216	2183000	20.0
Pyrene, 1-methyl-	19.898	2.3	ng/ul	1145490	5	21.310	9991160	20.0
11H-Benzo[a]flu...	20.063	2.8	ng/ul	1373920	5	21.310	9991160	20.0
11H-Benzo[a]flu...	21.092	2.7	ng/ul	1357380	5	21.310	9991160	20.0