LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.634	108	110	118	rBV	20206	37300	0.28%	0.029%
2	3.705	118	122	127	rVB	31363	40835	0.31%	0.032%
3	3.911	154	157	169	rVB	30671	45991	0.35%	0.036%
4	4.811	305	310	319	rVB	44436	77481	0.59%	0.061%
5	6.887	650	663	672	rVV	433699	821533	6.25%	0.645%
6	7.011	679	684	692	rVB	348501	576233	4.39%	0.453%
7	7.216	713	719	731	rBV	501232	856598	6.52%	0.673%
8	7.663	788	795	805	rBV	630551	994539	7.57%	0.781%
9	8.393	912	919	928	rBV	574972	1015828	7.73%	0.798%
10	8.487	933	935	946	rVB2	26009	50395	0.38%	0.040%
11	8.822	985	992	1007	rBV	449009	818025	6.23%	0.642%
12	9.375	1081	1086	1097	rVB2	41390	77633	0.59%	0.061%
13	9.534	1104	1113	1124	rBV	345493	695154	5.29%	0.546%
14	10.087	1199	1207	1227	rBV	596251	1134859	8.64%	0.891%
15	10.434	1259	1266	1271	rBV	862884	1435906	10.93%	1.128%
16	10.481	1271	1274	1282	rVB	142602	216520	1.65%	0.170%
17	10.593	1284	1293	1308	rBV	226161	570074	4.34%	0.448%
18	11.187	1387	1394	1404	rBV	95696	205822	1.57%	0.162%
19	12.104	1544	1550	1564	rBV	82227	160422	1.22%	0.126%
20	12.322	1581	1587	1594	rVB	71976	124836	0.95%	0.098%
21	13.122	1720	1723	1727	rVB	28257	40352	0.31%	0.032%
22	13.457	1774	1780	1781	rBV4	26032	39838	0.30%	0.031%
23	13.610	1800	1806	1812	rBV3	78274	177546	1.35%	0.139%
24	13.675	1812	1817	1818	rVV	44706	61455	0.47%	0.048%
25	13.710	1818	1823	1829	rVV	1108279	1549057	11.79%	1.217%
26	13.857	1843	1848	1851	rBV	24105	37717	0.29%	0.030%
27	13.998	1862	1872	1883	rBV	1395386	2181541	16.61%	1.713%
28	14.122	1887	1893	1898	rVB3	45487	79516	0.61%	0.062%
29	14.175	1898	1902	1909	rBV5	23133	36735	0.28%	0.029%
30	14.304	1911	1924	1930	rBV	1238120	2077839	15.82%	1.632%
31	14.369	1930	1935	1940	rBV	436404	709413	5.40%	0.557%
32	14.522	1953	1961	1969	rVB2	560519	1358630	10.34%	1.067%
33	14.604	1969	1975	1984	rBV2	253799	601750	4.58%	0.473%
34	14.716	1989	1994	1998	rBV	272712	424357	3.23%	0.333%
35	14.934	2026	2031	2035	rBV2	25270	45059	0.34%	0.035%
36	15.110	2053	2061	2064	rBV5	36443	86704	0.66%	0.068%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.145	2064	2067	2073	rVB3	37498	60867	0.46%	0.048%
38	15.322	2090	2097	2102	rBV	1580240	2497287	19.01%	1.961%
39	15.375	2102	2106	2117	rVB	601789	869050	6.62%	0.683%
40	15.487	2117	2125	2130	rBV2	220224	435748	3.32%	0.342%
41	15.534	2130	2133	2137	rVV	97590	158501	1.21%	0.124%
42	15.581	2137	2141	2146	rVV4	122013	229724	1.75%	0.180%
43	15.628	2146	2149	2152	rVV2	58820	87010	0.66%	0.068%
44	15.669	2152	2156	2166	rVB	111162	192317	1.46%	0.151%
45	15.828	2179	2183	2190	rVB	125384	235553	1.79%	0.185%
46	15.904	2192	2196	2197	rBV3	35356	47585	0.36%	0.037%
47	16.051	2215	2221	2236	rVB10	64088	228969	1.74%	0.180%
48	16.322	2264	2267	2271	rVB	55196	59042	0.45%	0.046%
49	16.398	2274	2280	2285	rVB3	134394	255490	1.94%	0.201%
50	16.451	2286	2289	2294	rVB4	66465	93136	0.71%	0.073%
51	16.504	2296	2298	2302	rBV4	29019	44990	0.34%	0.035%
52	16.557	2304	2307	2310	rVB	44344	42627	0.32%	0.033%
53	16.634	2317	2320	2324	rBV3	53483	69626	0.53%	0.055%
54	16.681	2325	2328	2331	rVB2	66693	71416	0.54%	0.056%
55	16.775	2339	2344	2348	rVB	243048	339058	2.58%	0.266%
56	16.857	2351	2358	2363	rBV4	113052	256300	1.95%	0.201%
57	16.928	2366	2370	2377	rVV	376370	556604	4.24%	0.437%
58	16.986	2378	2380	2383	rVV2	50022	53818	0.41%	0.042%
59	17.028	2383	2387	2391	rVB2	92969	127547	0.97%	0.100%
60	17.122	2397	2403	2406	rBV	1548164	2537640	19.32%	1.993%
61	17.163	2406	2410	2416	rVV	6444027	9599791	73.07%	7.540%
62	17.222	2416	2420	2424	rVV	1934525	3023476	23.01%	2.375%
63	17.263	2424	2427	2432	rVV	1209332	1630683	12.41%	1.281%
64	17.328	2436	2438	2443	rVB	118731	130727	1.00%	0.103%
65	17.545	2467	2475	2484	rBV2	710149	1323138	10.07%	1.039%
66	17.728	2501	2506	2507	rBV	246411	356686	2.72%	0.280%
67	18.028	2552	2557	2559	rBV	715720	997389	7.59%	0.783%
68	18.069	2559	2564	2571	rVB2	1120682	2502930	19.05%	1.966%
69	18.163	2576	2580	2585	rVV	357382	602279	4.58%	0.473%
70	18.228	2585	2591	2595	rVV2	1357098	2430774	18.50%	1.909%
71	18.269	2595	2598	2604	rVB	591764	897697	6.83%	0.705%
72	18.445	2624	2628	2632	rBV4	162803	254578	1.94%	0.200%
73	18.545	2641	2645	2651	rBV	577577	807848	6.15%	0.634%
74	18.604	2651	2655	2662	rVB	817483	1386304	10.55%	1.089%
75	18.898	2703	2705	2711	rBV	125576	145580	1.11%	0.114%
76	18.980	2715	2719	2724	rBV	361974	620451	4.72%	0.487%

LSC Area Percent Report

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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	19.269	2761	2768	2772	rBV	9324387	13136982	100.00%	10.318%
78	19.310	2772	2775	2781	rVV2	434756	679288	5.17%	0.534%
79	19.363	2781	2784	2785	rVV2	257510	296864	2.26%	0.233%
80	19.386	2785	2788	2797	rVB2	622281	1014885	7.73%	0.797%
81	19.610	2821	2826	2829	rBV3	3643427	6092213	46.37%	4.785%
82	19.645	2829	2832	2839	rVV	6690410	8886931	67.65%	6.980%
83	19.716	2840	2844	2849	rVB2	399978	674288	5.13%	0.530%
84	19.822	2859	2862	2866	rVB	456881	529512	4.03%	0.416%
85	19.986	2883	2890	2897	rBV2	440409	1268726	9.66%	0.996%
86	20.063	2901	2903	2907	rVB	331359	415437	3.16%	0.326%
87	20.157	2910	2919	2924	rVV	1468805	2938331	22.37%	2.308%
88	20.257	2932	2936	2940	rVB	1006550	1236609	9.41%	0.971%
89	20.463	2968	2971	2975	rBV	444756	670669	5.11%	0.527%
90	20.951	3051	3054	3059	rVB	664654	887090	6.75%	0.697%
91	21.122	3078	3083	3088	rVB3	600103	1400631	10.66%	1.100%
92	21.175	3089	3092	3095	rBV	563922	607423	4.62%	0.477%
93	21.222	3095	3100	3108	rBV4	1444212	2627602	20.00%	2.064%
94	21.369	3122	3125	3131	rVB4	865668	1259978	9.59%	0.990%
95	21.445	3135	3138	3143	rVB2	1201786	1856808	14.13%	1.458%
96	21.557	3151	3157	3163	rBV2	3660847	8967839	68.26%	7.043%
97	21.616	3163	3167	3174	rVB	3642896	5687698	43.30%	4.467%
98	21.763	3189	3192	3199	rVB	659104	1030892	7.85%	0.810%
99	23.839	3539	3545	3552	rBV	2052278	5366156	40.85%	4.215%
100	24.733	3692	3697	3711	rVB	1362439	4066073	30.95%	3.194%

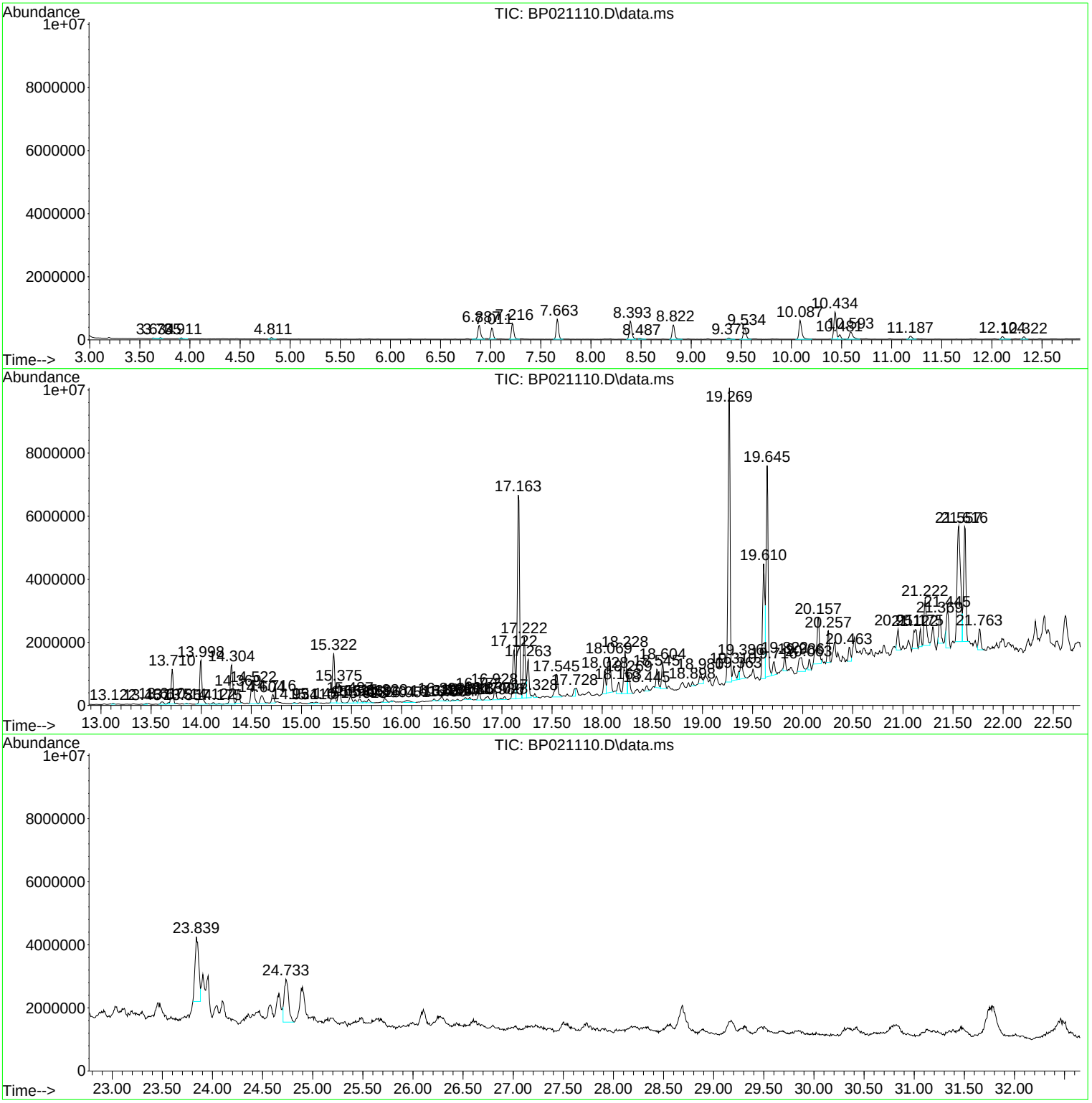
Sum of corrected areas: 127322654

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

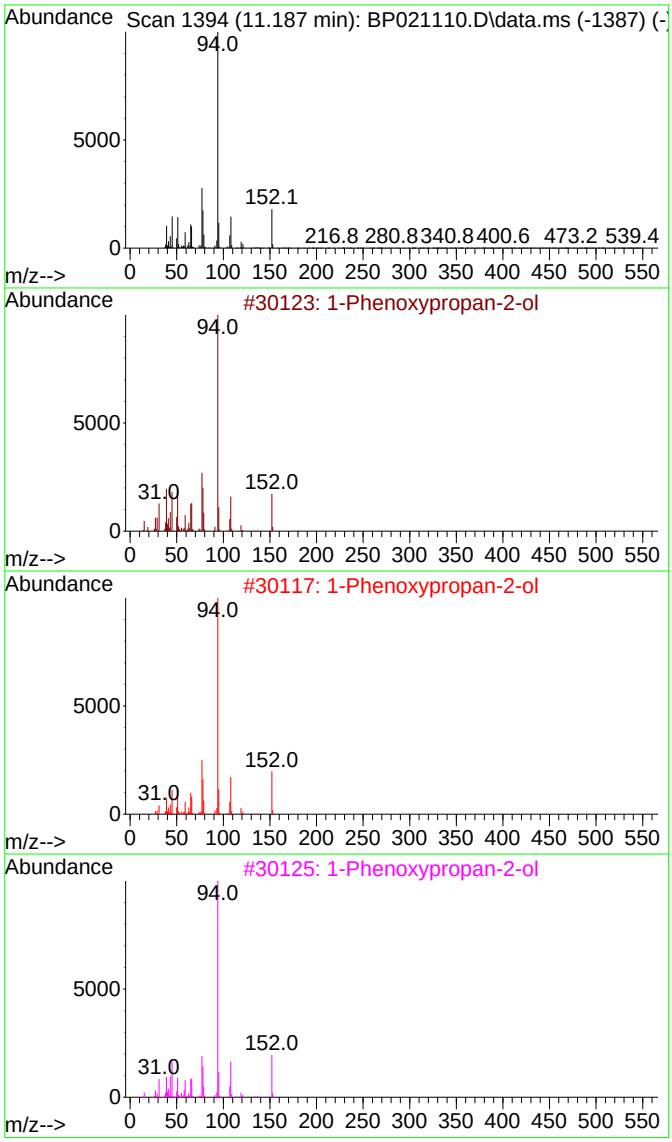
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

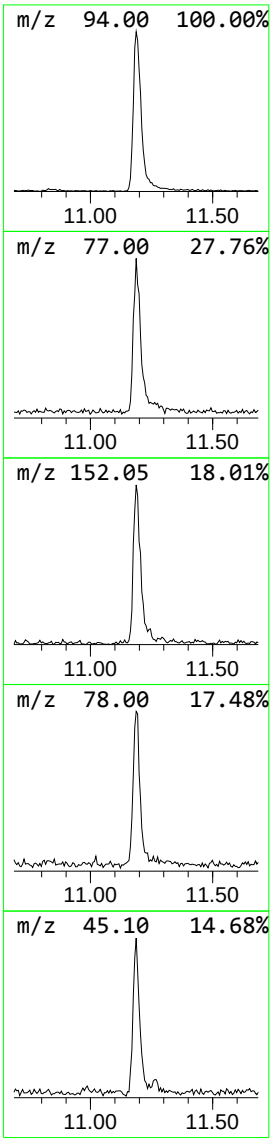
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.87 ng/ul	205822	Naphthalene-d8	10.434

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

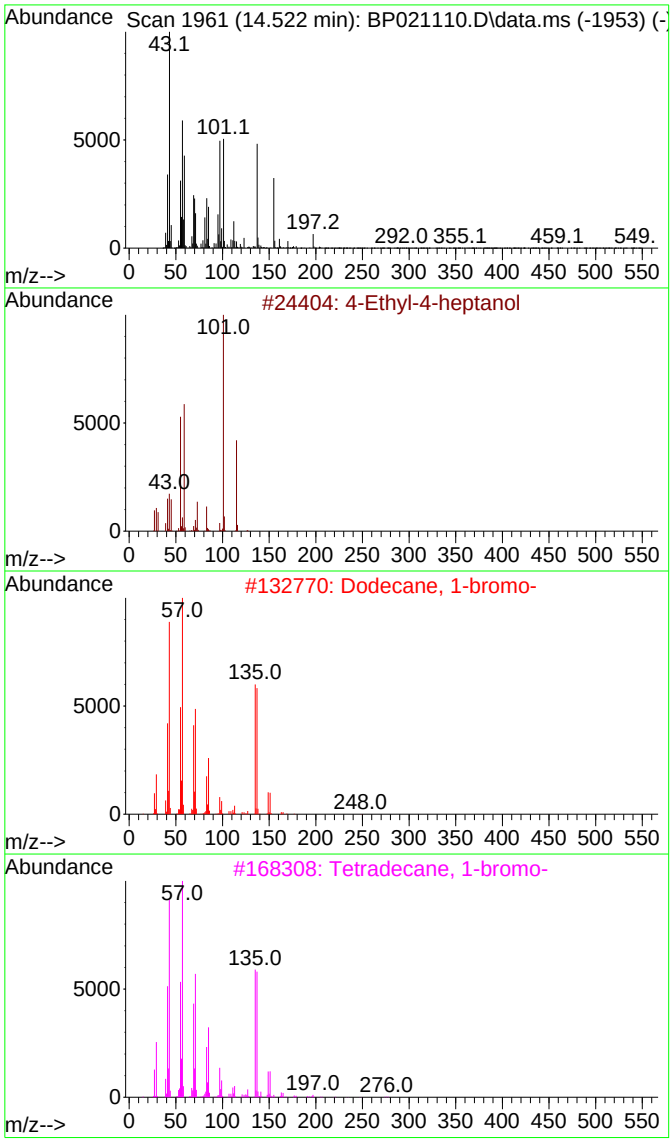
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

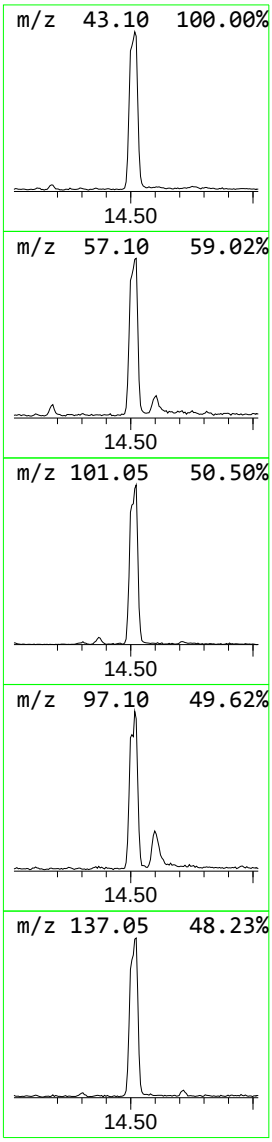
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.522	13.08 ng/ul	1358630	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	22
2	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	18
3	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	14
4	Succinic acid, cyclohexylmethyl ...	310	C13H20Cl2O4	1000390-52-0	12
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

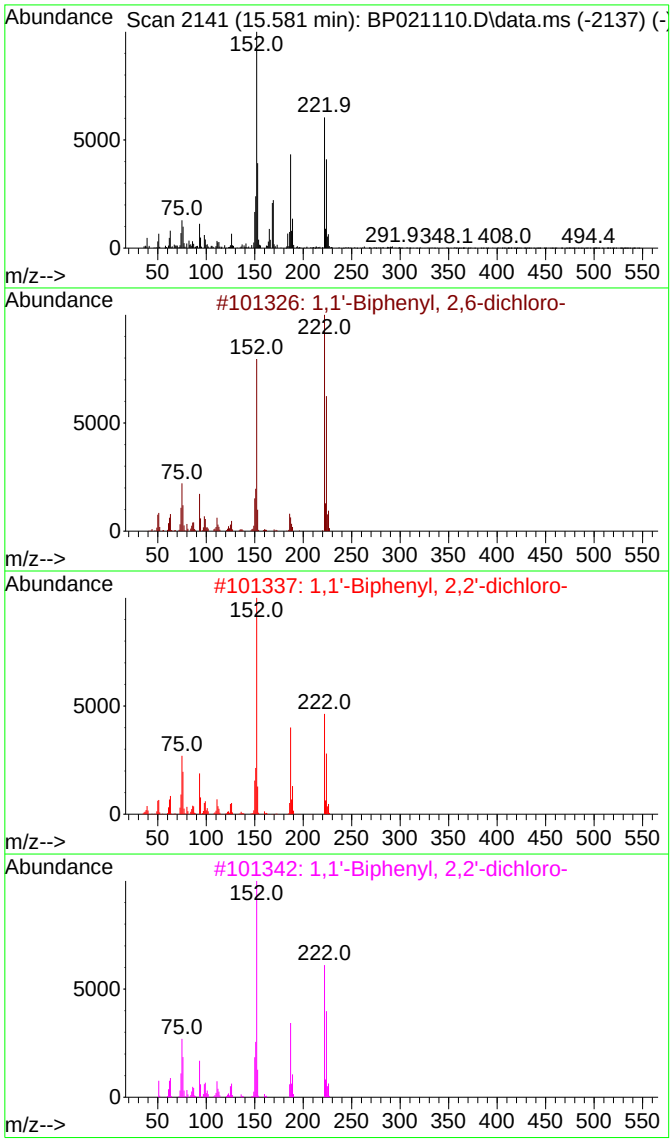
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

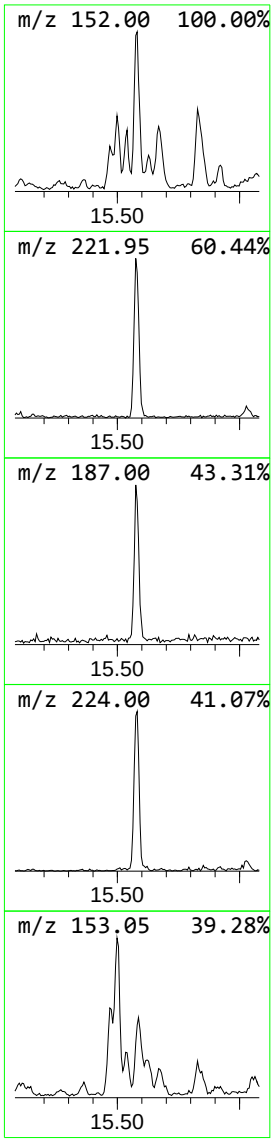
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,6-dichloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.581	2.21 ng/ul	229724	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	94
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	92
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

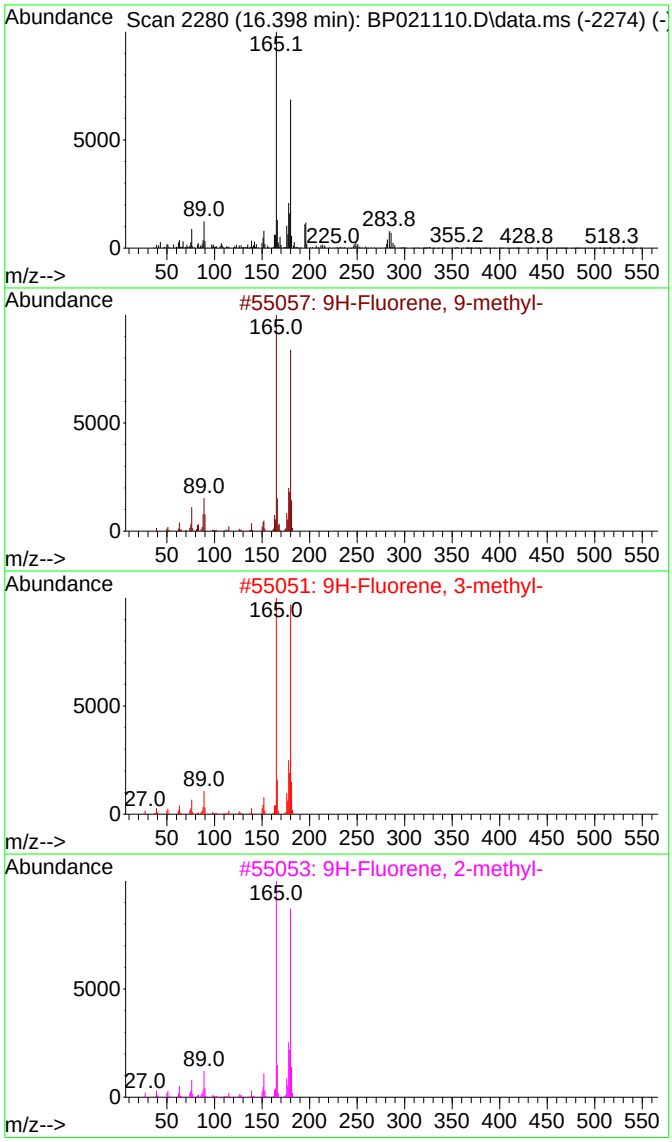
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

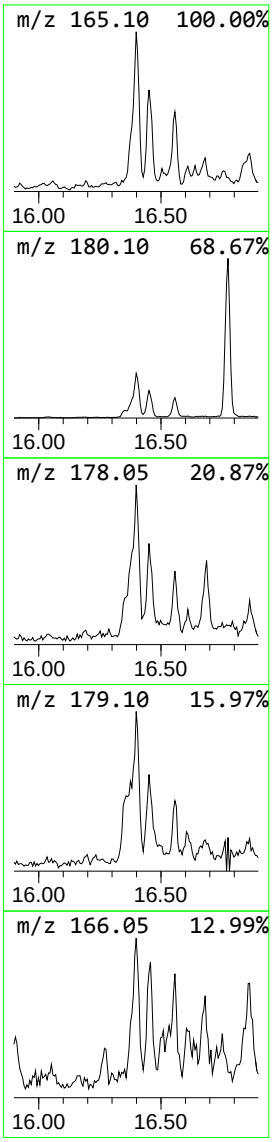
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	2.01 ng/ul	255490	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

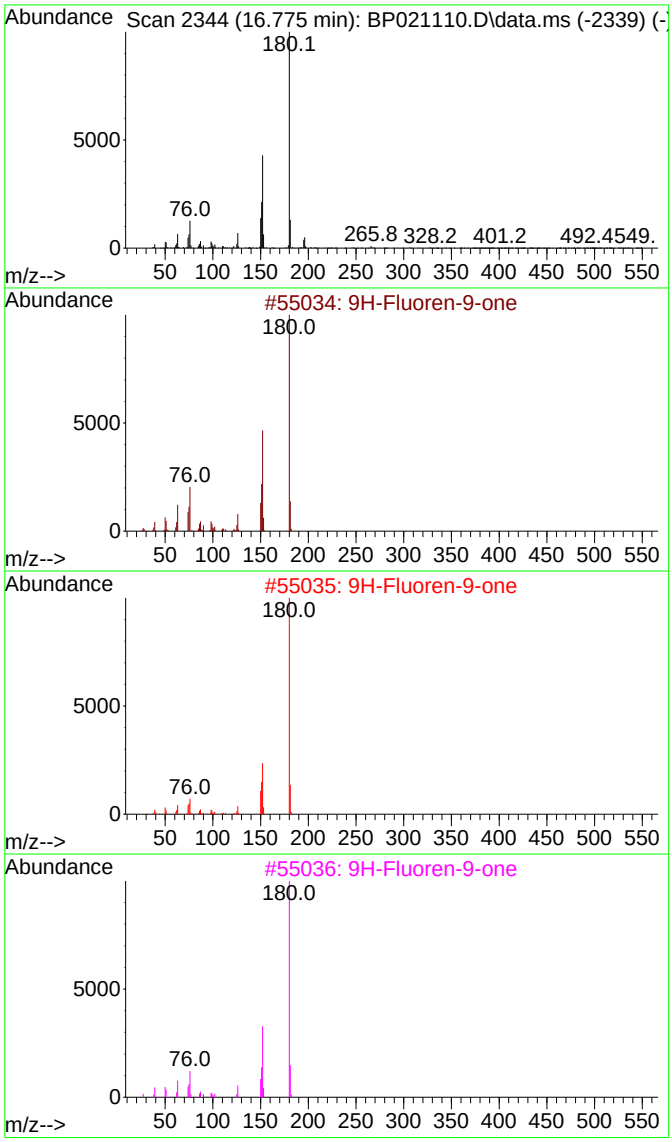
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

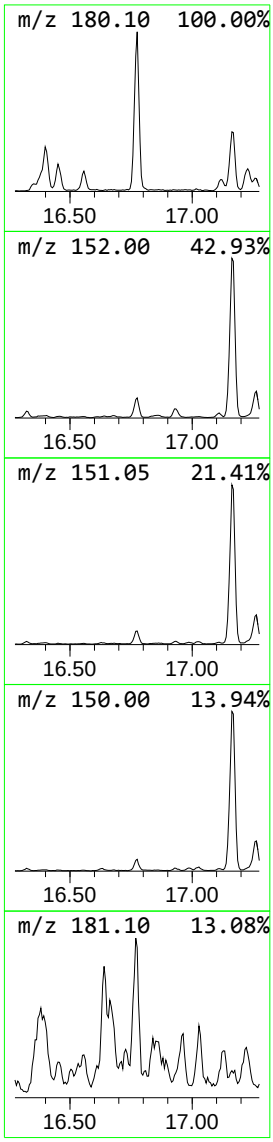
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	2.67 ng/ul	339058	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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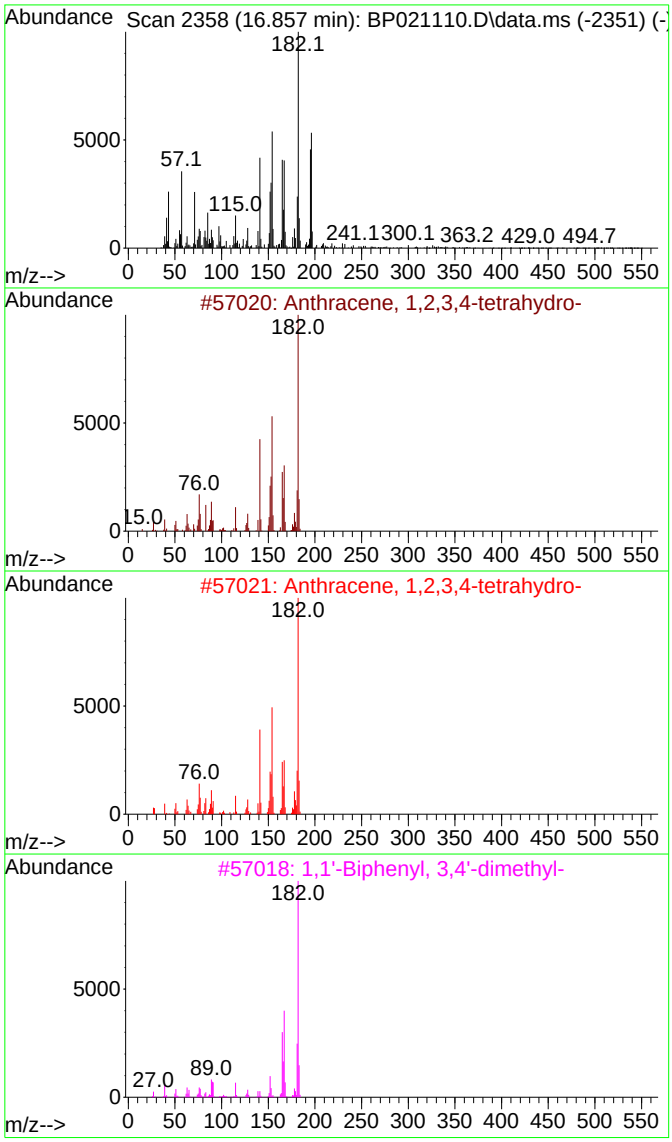
Quant Title : SVOA CALIBRATION

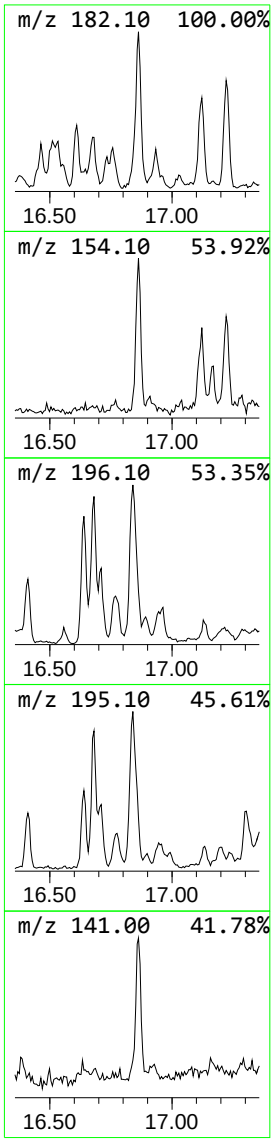
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.857	2.02 ng/ul	256300	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	96
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
5	Dehydrochamazulene	182	C14H14	321732-25-6	50





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Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

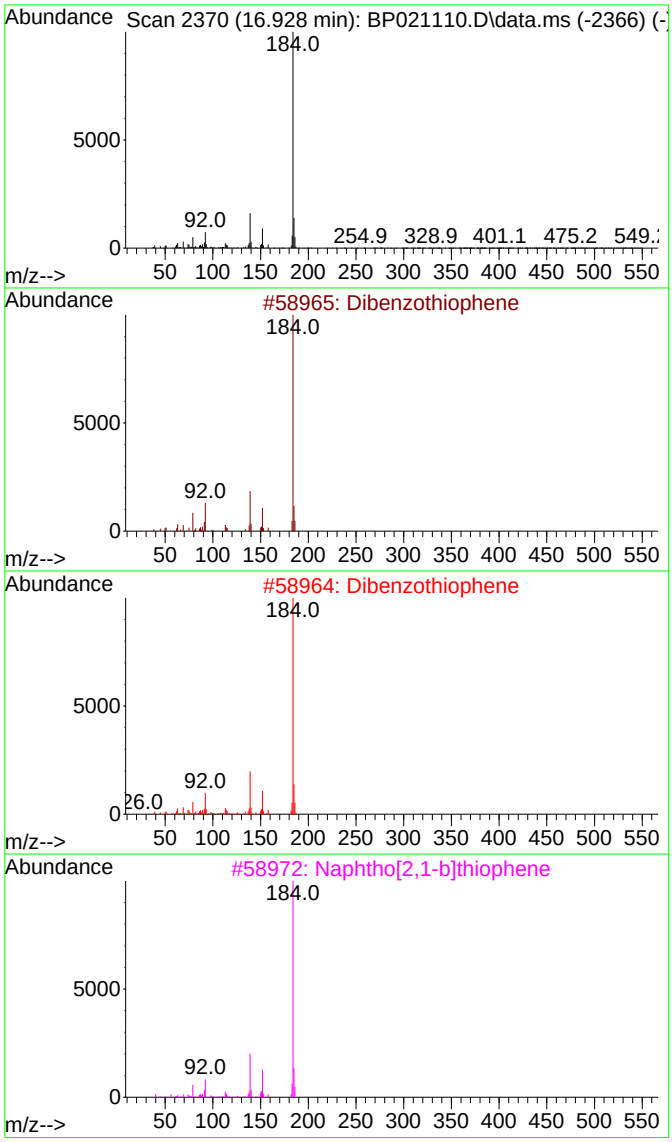
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

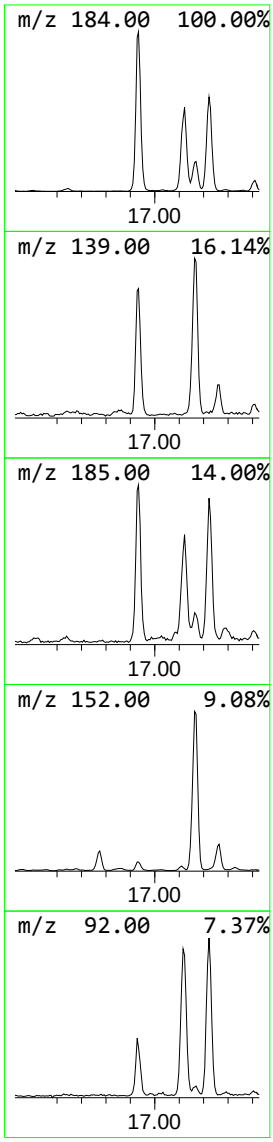
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.928	4.39 ng/ul	556604	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

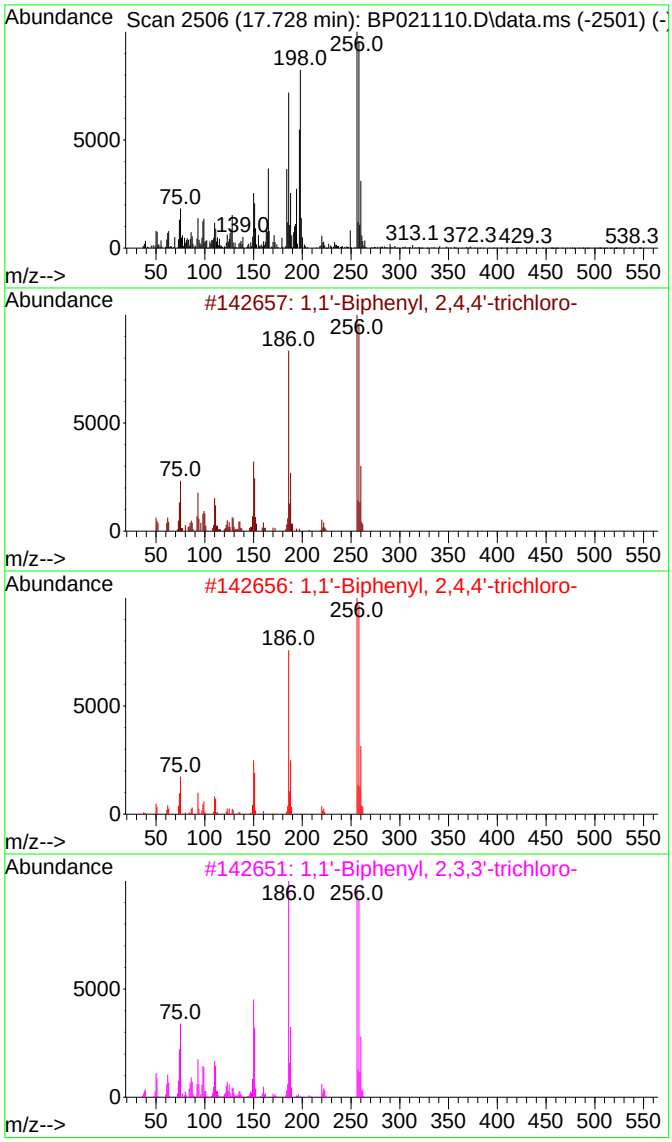
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

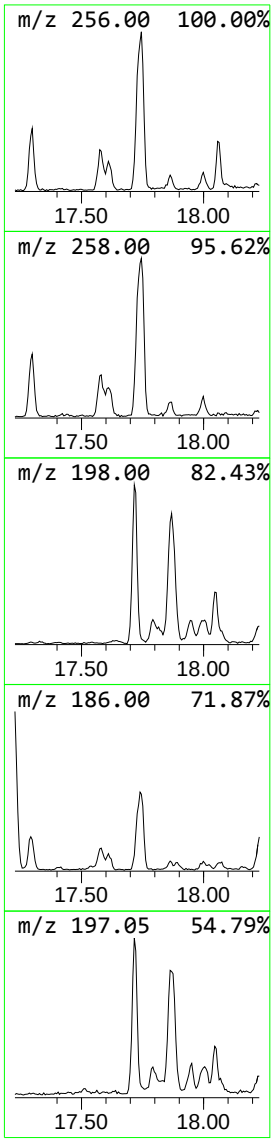
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.728	2.81 ng/ul	356686	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	97
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	97
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

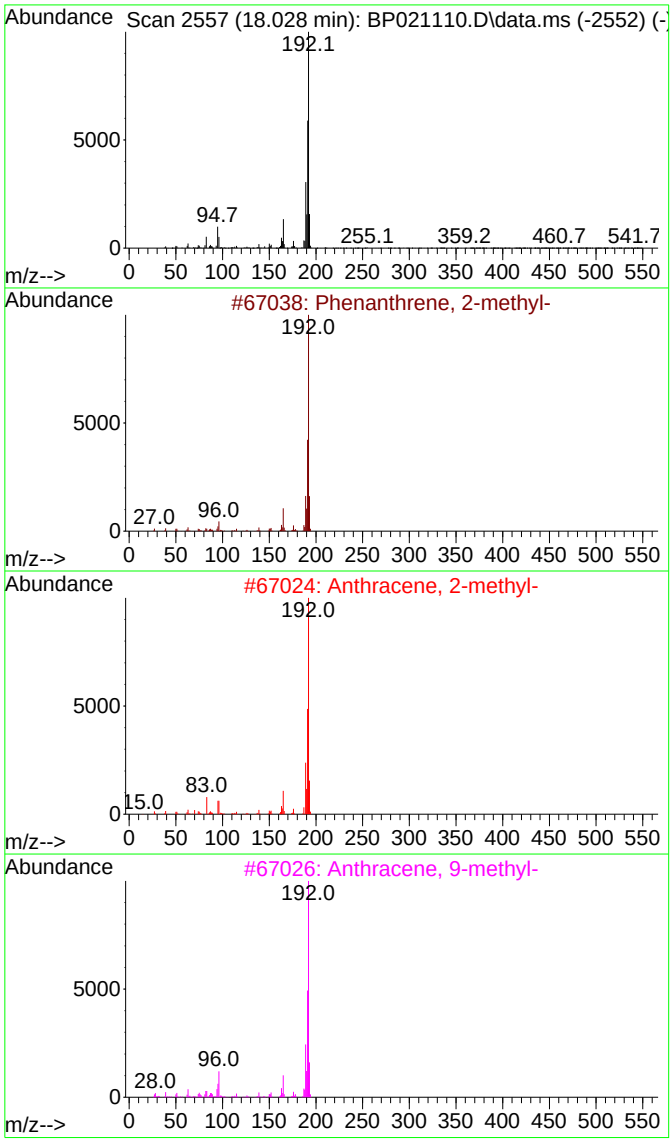
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

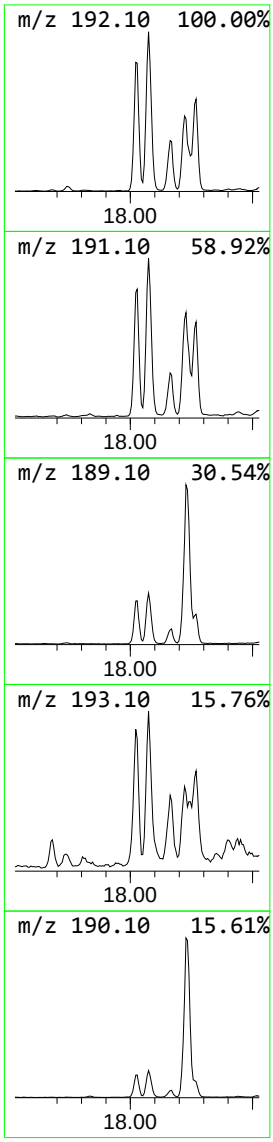
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	7.86 ng/ul	997389	Phenanthrene-d10	17.122

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





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

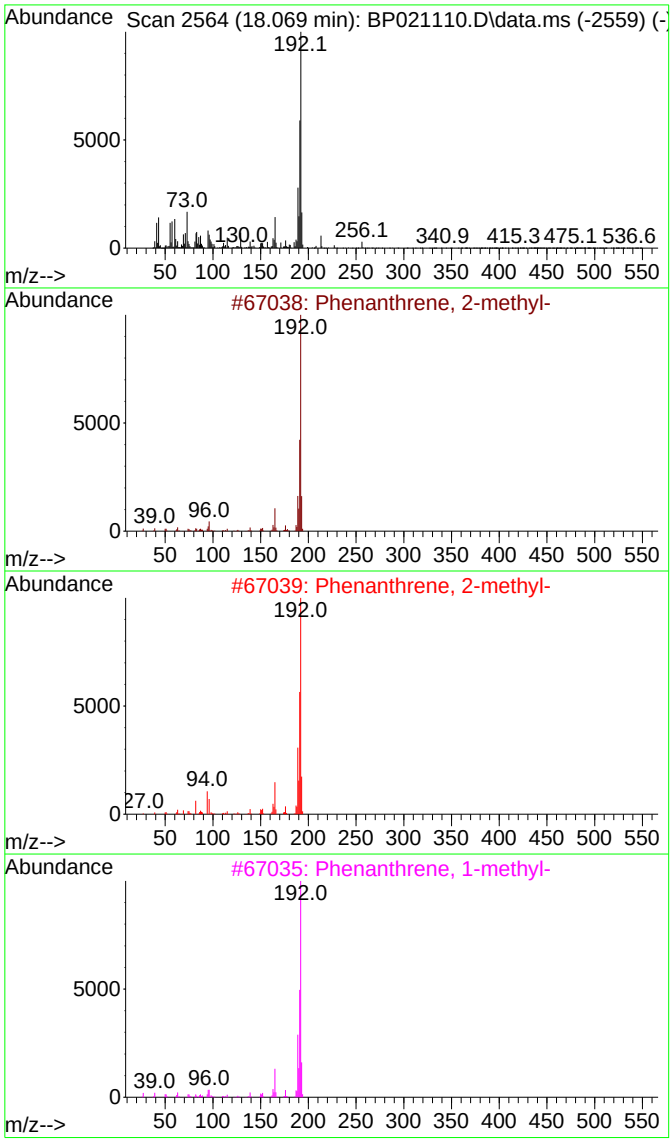
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

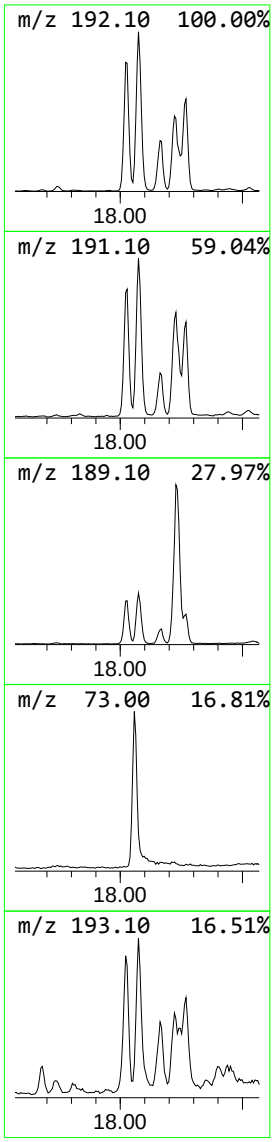
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	19.73 ng/ul	2502930	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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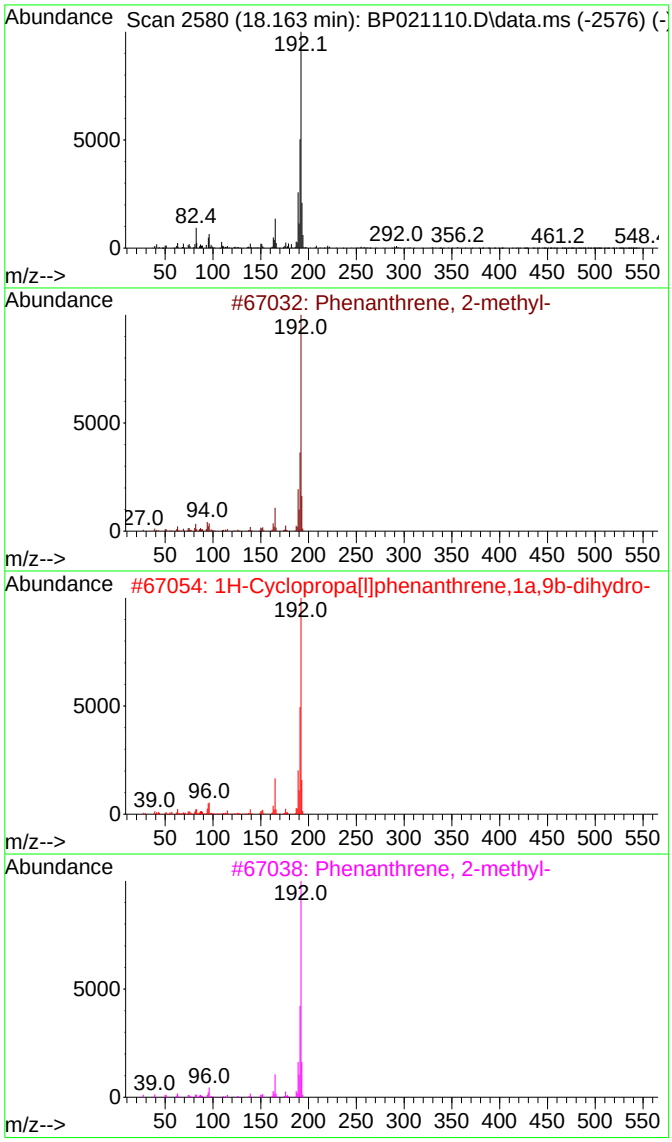
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

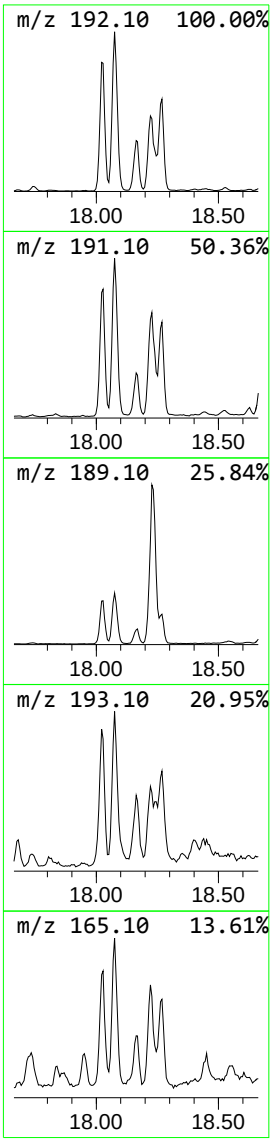
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	4.75 ng/ul	602279	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

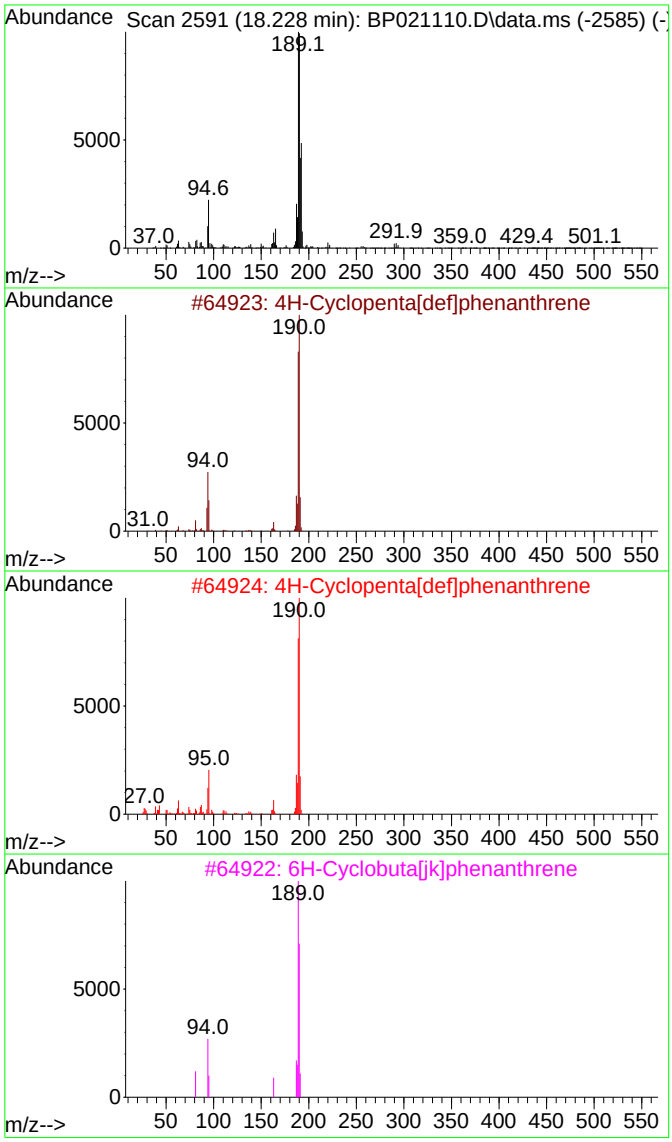
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

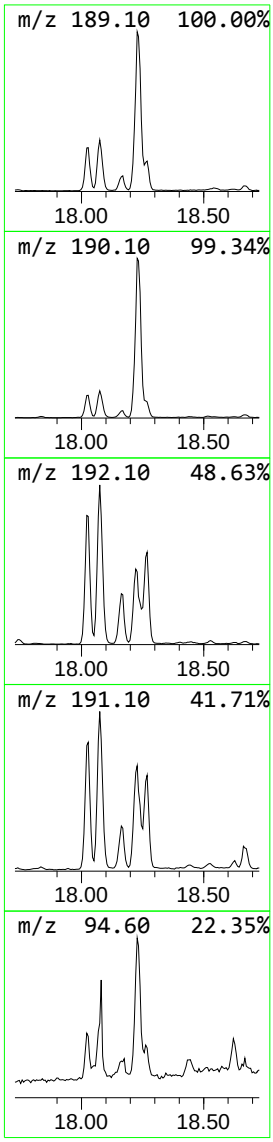
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	19.16 ng/ul	2430770	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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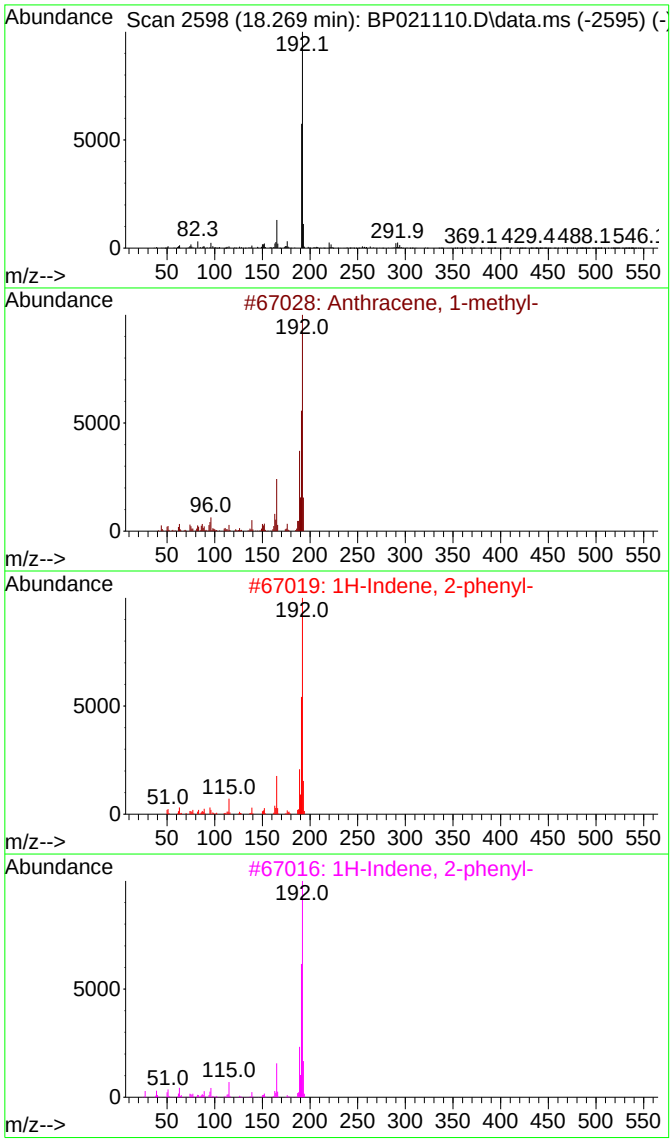
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

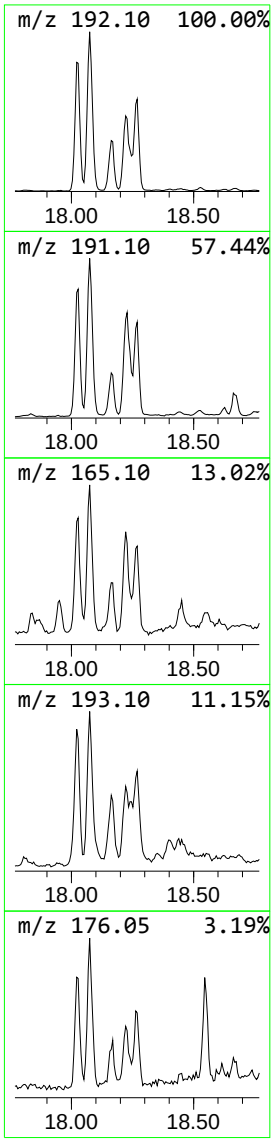
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	7.08 ng/ul	897697	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	78
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72





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Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4C04

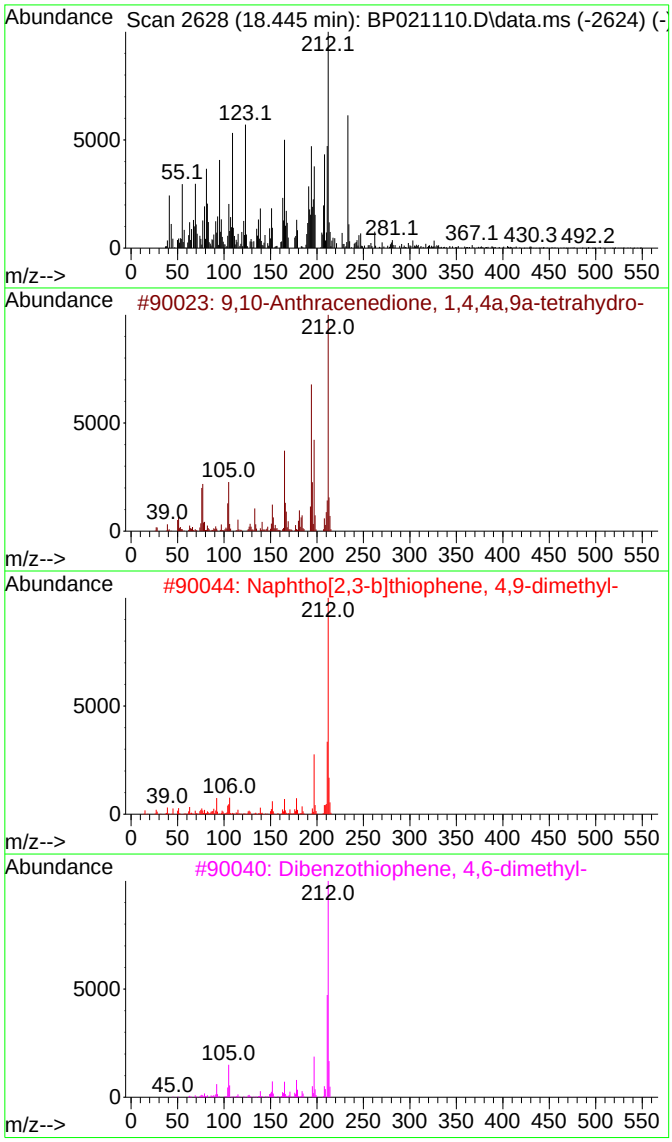
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

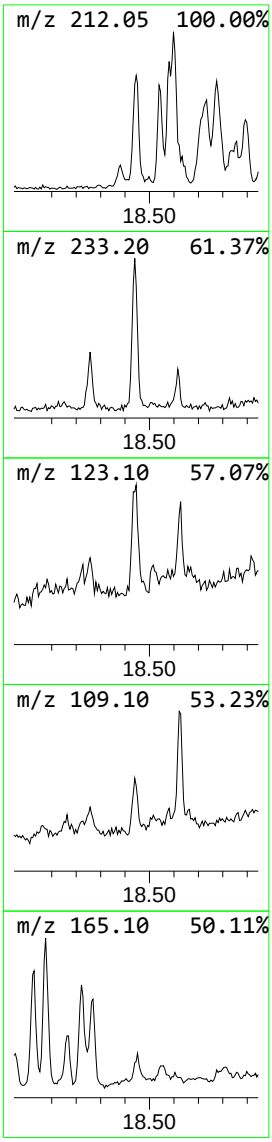
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione, 1,4,4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.01 ng/ul	254578	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4,4a,9a-...	212	C14H12O2	056136-14-2	78
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	35
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	35
4	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	25
5	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	20





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Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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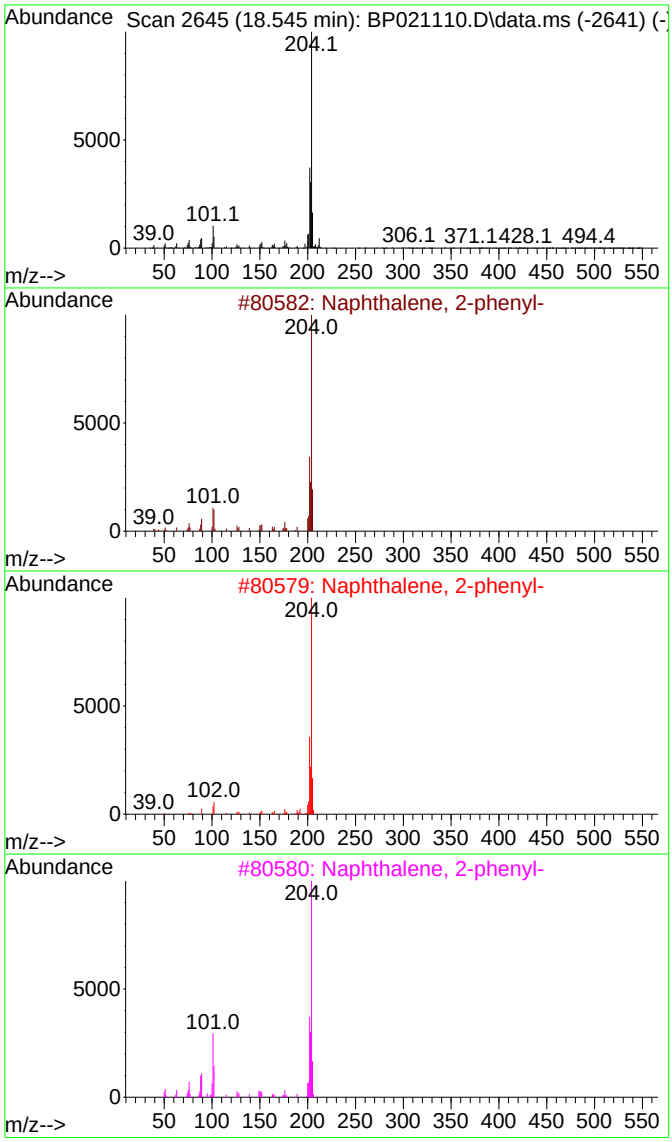
Quant Title : SVOA CALIBRATION

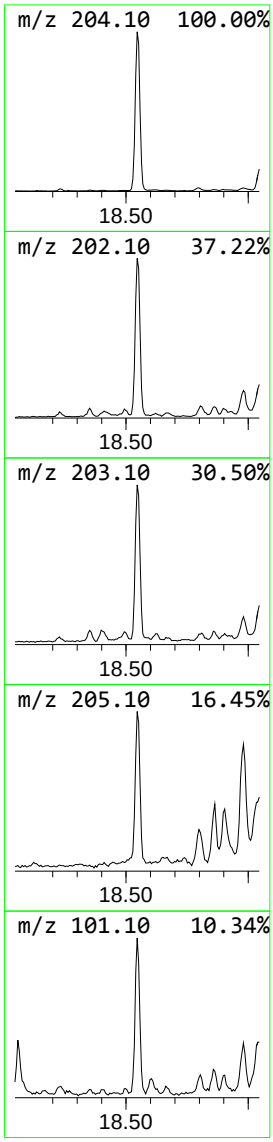
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	6.37 ng/ul	807848	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Sample : P3238-17
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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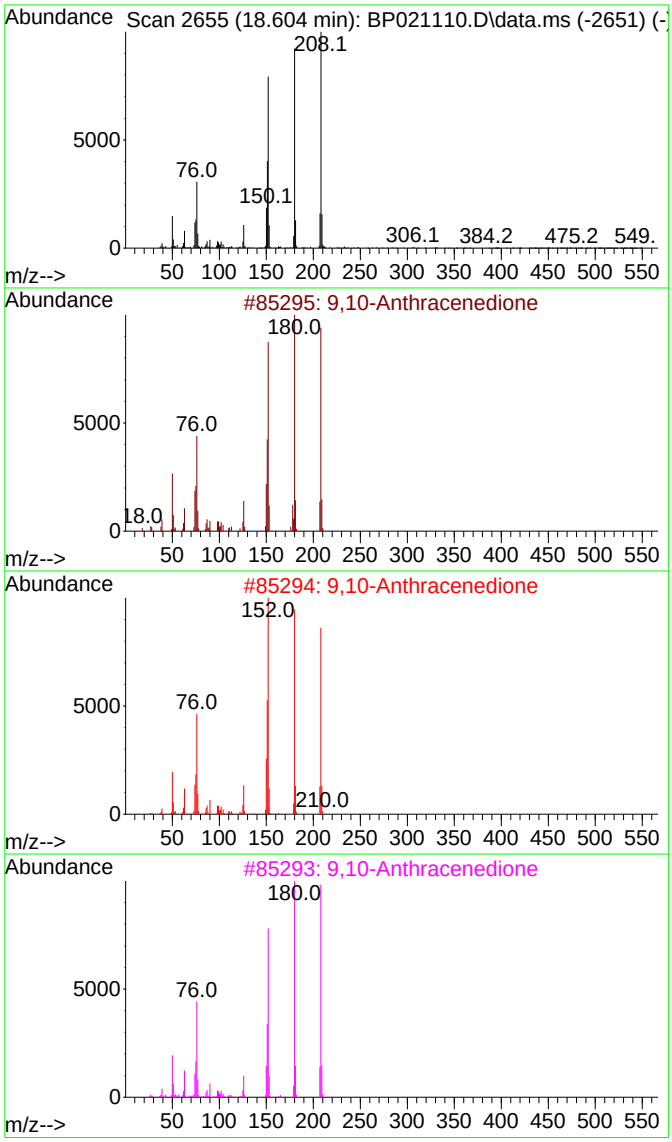
Quant Title : SVOA CALIBRATION

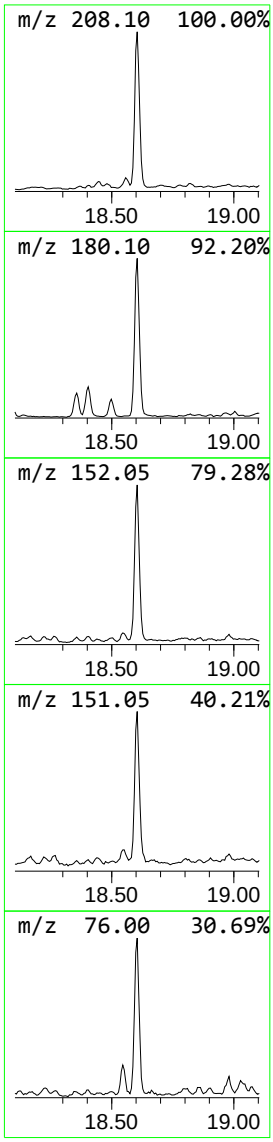
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	10.93 ng/ul	1386300	Phenanthrene-d10	17.122

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	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

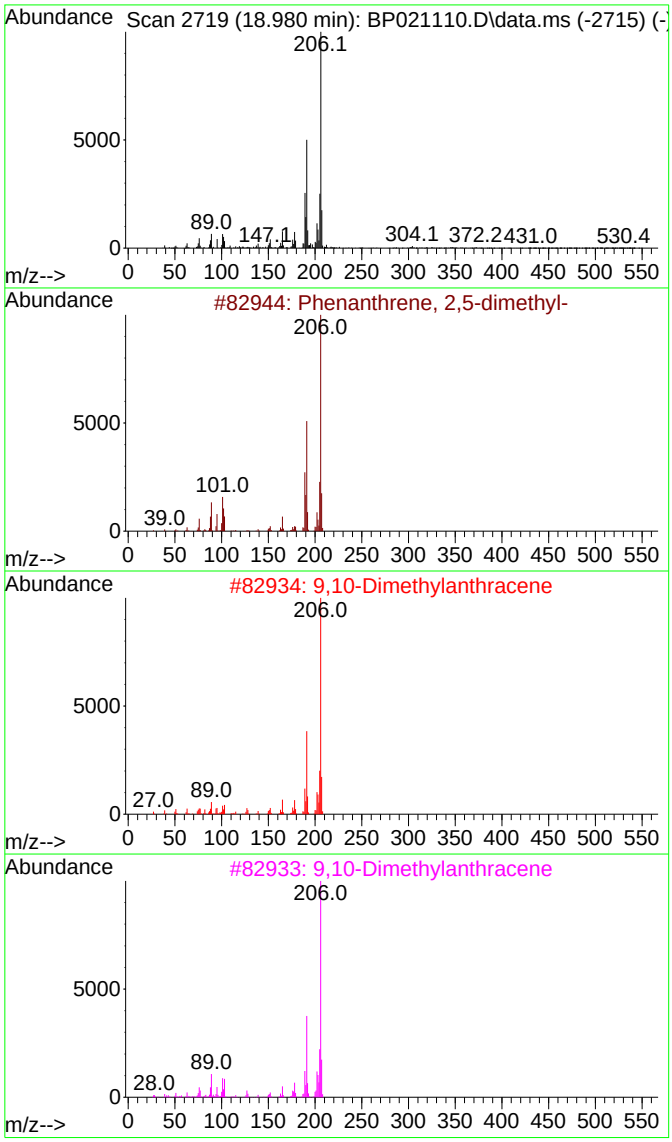
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

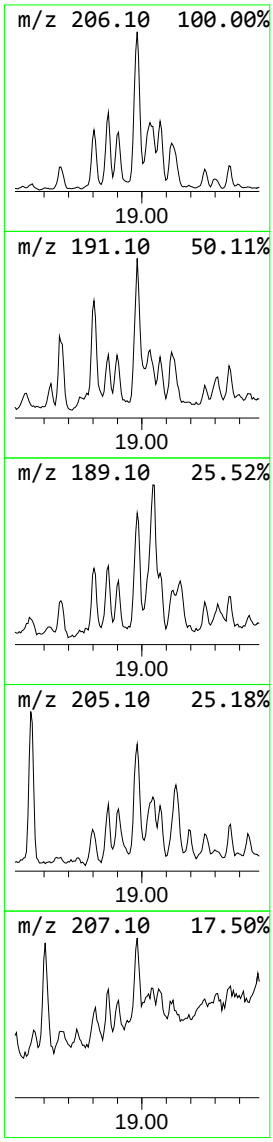
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	4.89 ng/ul	620451	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	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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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

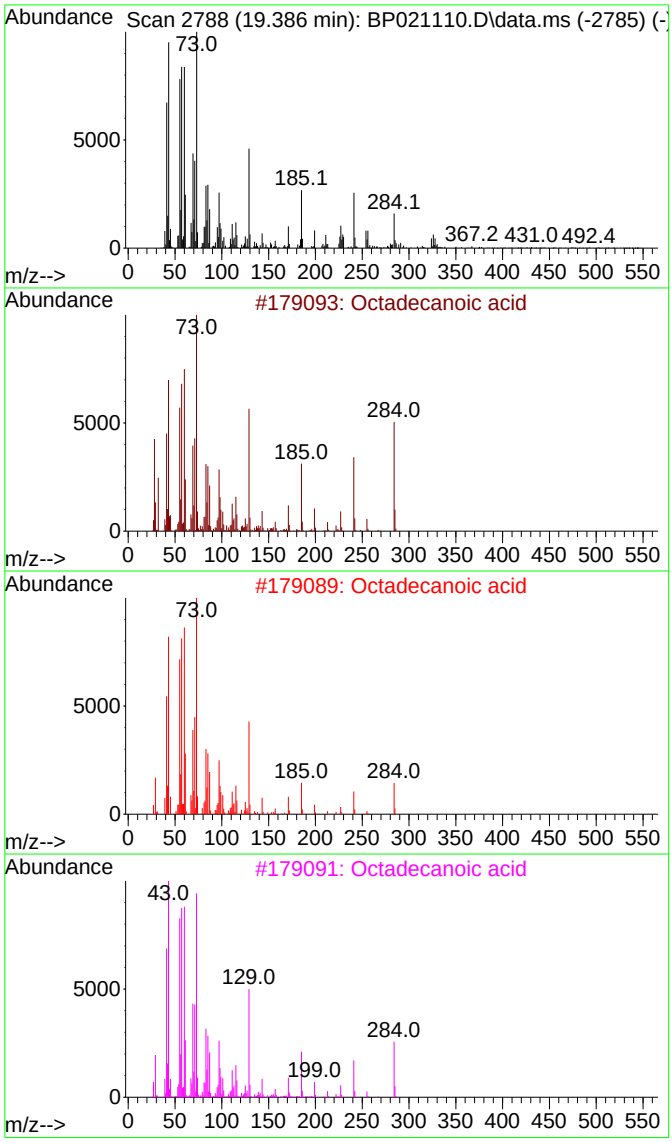
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

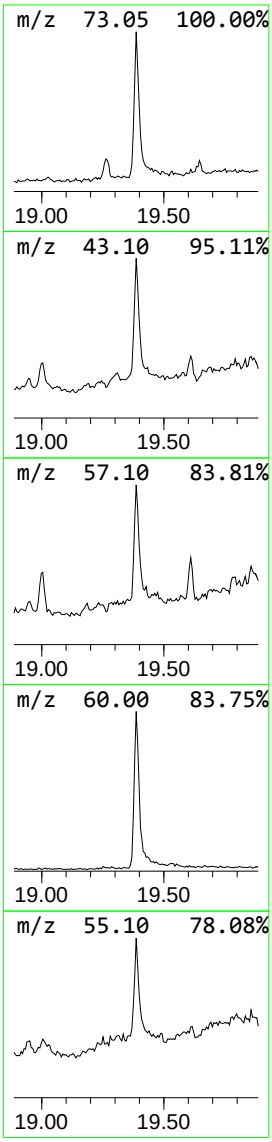
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	2.26 ng/ul	1014890	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

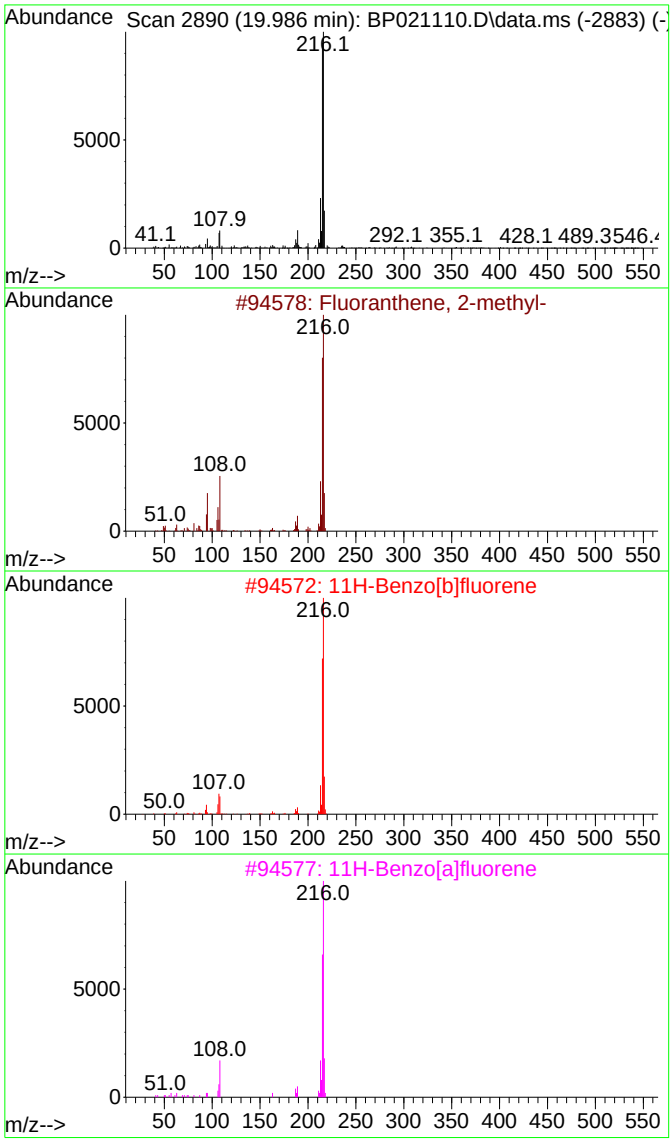
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

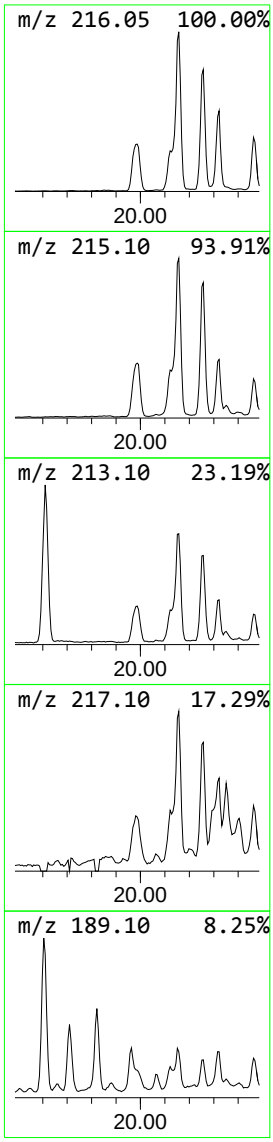
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	2.83 ng/ul	1268730	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





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Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

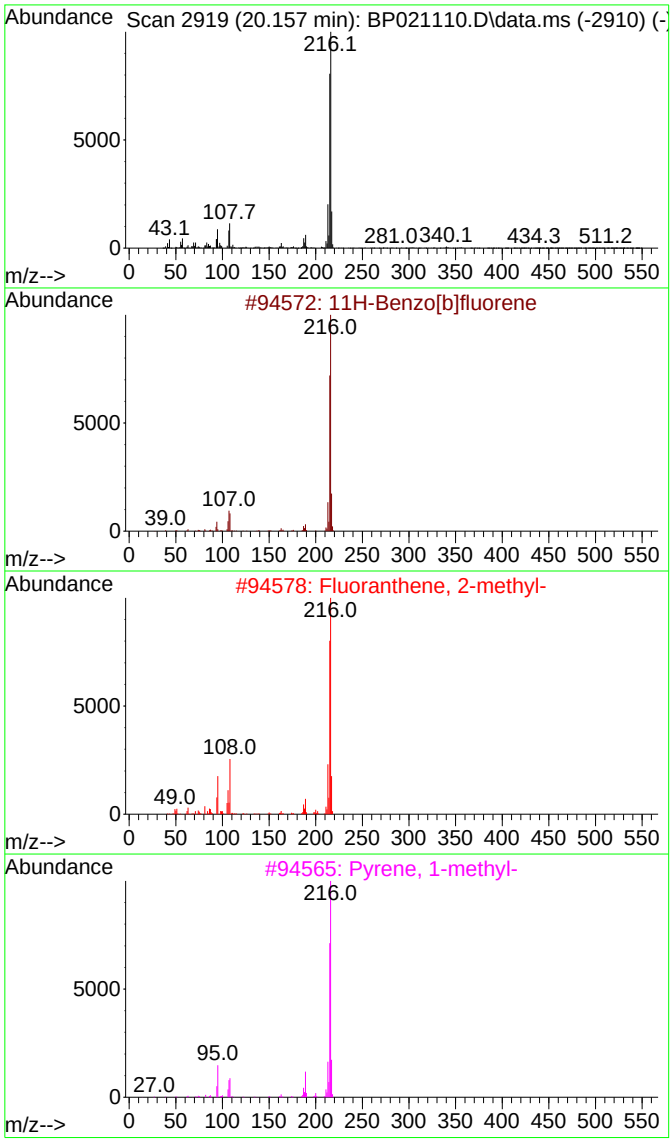
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

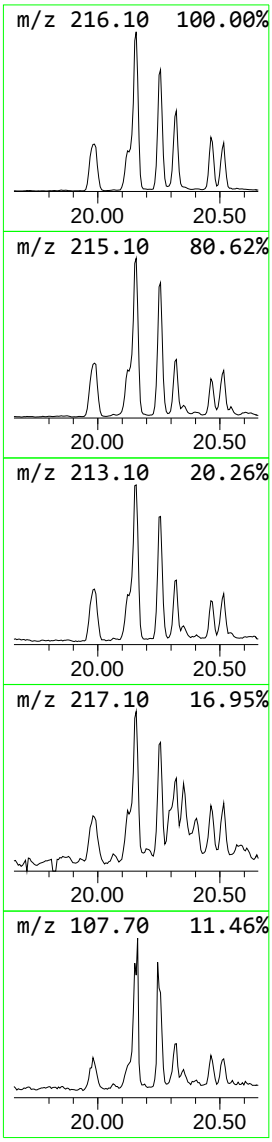
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	6.55 ng/ul	2938330	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
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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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

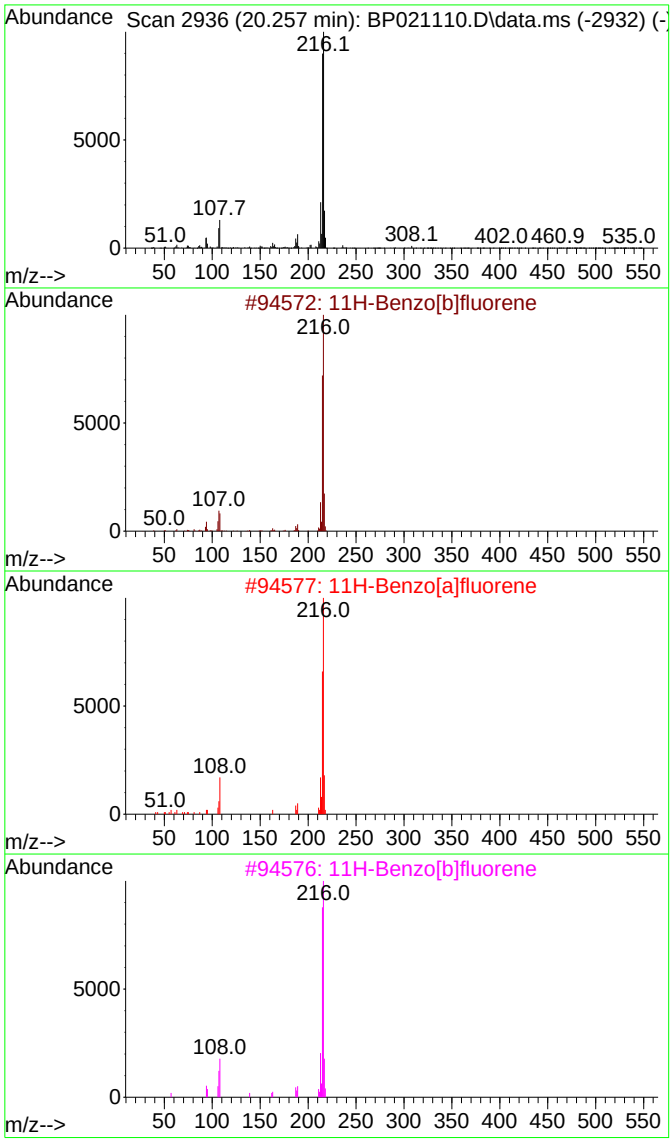
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

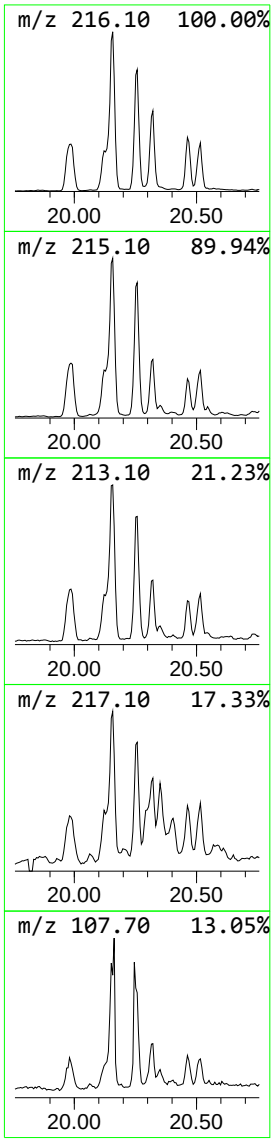
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	2.76 ng/ul	1236610	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

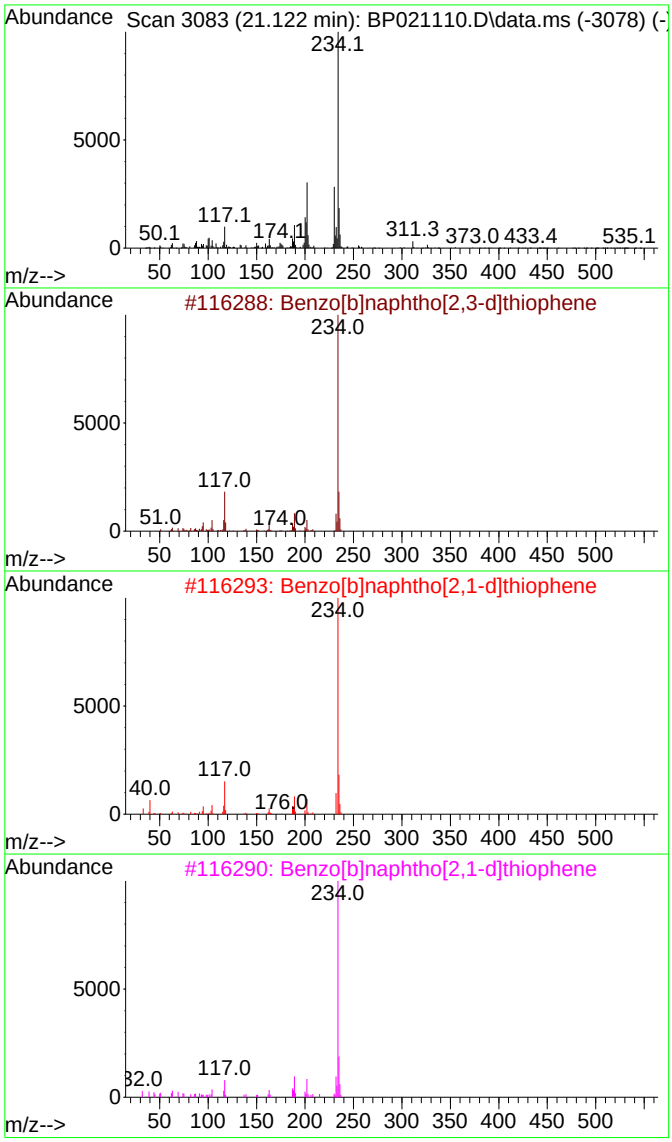
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

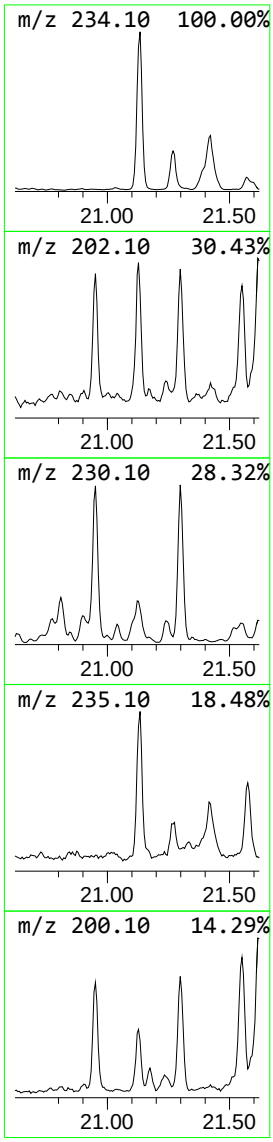
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	3.12 ng/ul	1400630	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

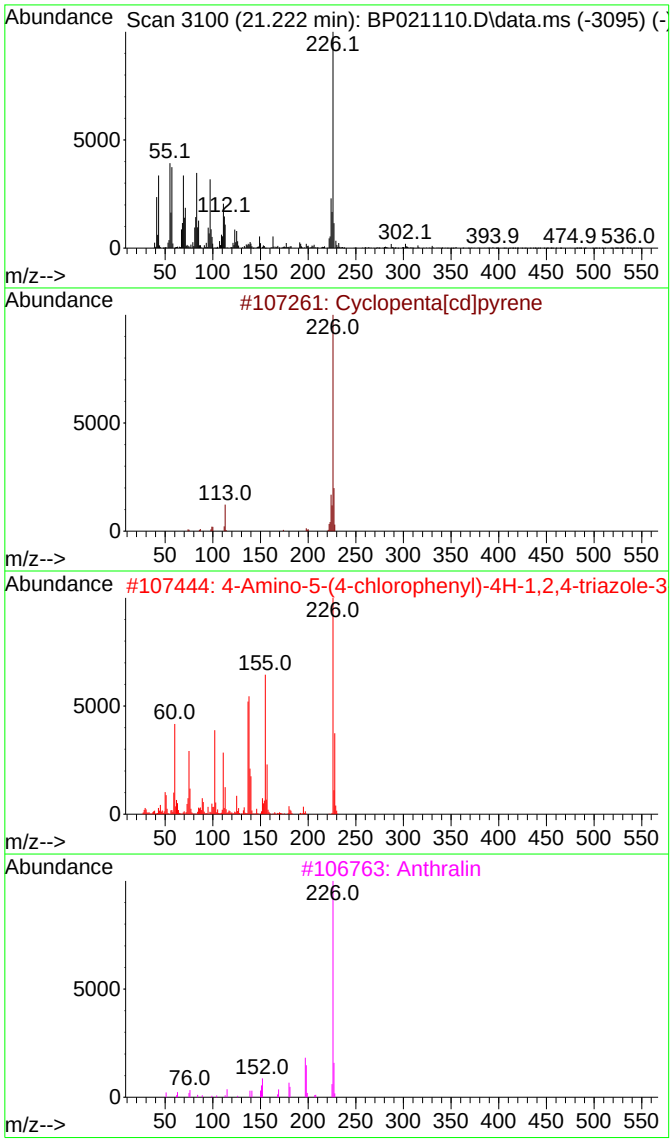
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

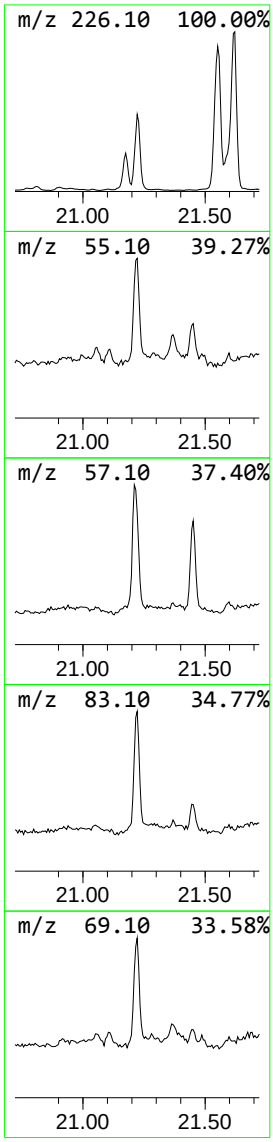
****

Peak Number 23 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	5.86 ng/ul	2627600	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	4-Amino-5-(4-chlorophenyl)-4H-1,...	226	C8H7ClN4S	1010476-96-9	38
3	Anthralin	226	C14H10O3	001143-38-0	38
4	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	32
5	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	32





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Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

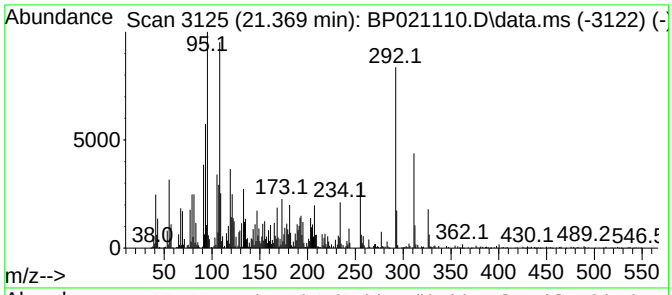
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

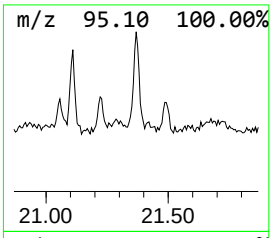
****

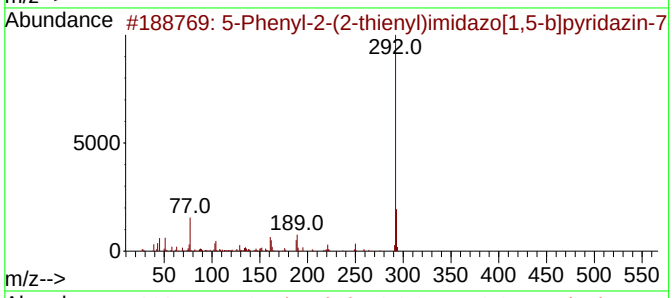
Peak Number 24 unknown-03 Concentration Rank 17

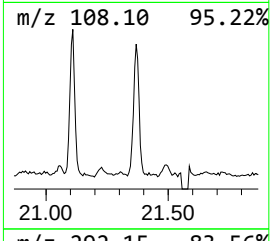
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.369	2.81 ng/ul	1259980	Chrysene-d12	21.569

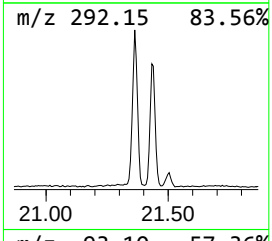
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenyl-2-(2-thienyl)imidazo[1,...	292	C16H12N4S	1010460-24-1	25
2	1,4,6-Trimethyl-1,2,3,3a,4,7,8,8...	204	C15H24	065128-08-7	15
3	1,6-Dinitropyrene	292	C16H8N2O4	042397-64-8	15
4	o-Phenylenspirobiindanol b	310	C23H18O	155919-26-9	15
5	4-(p-(Dimethylamino)benzylidene)...	292	C18H16N2O2	065156-10-7	15

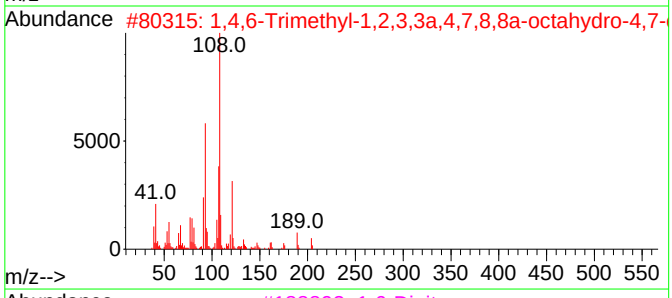


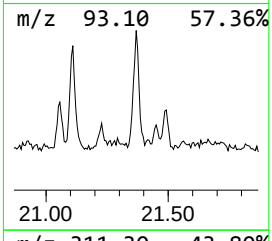


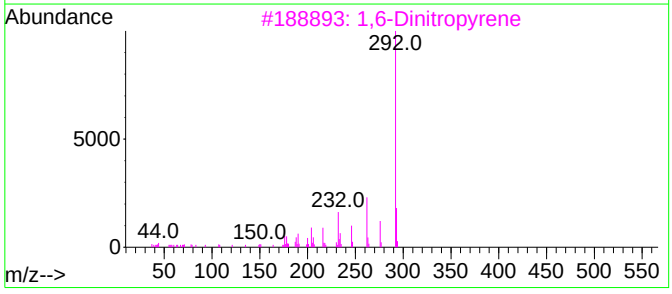


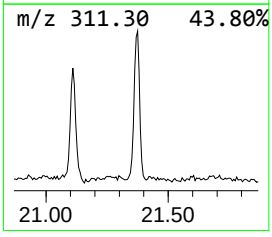












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

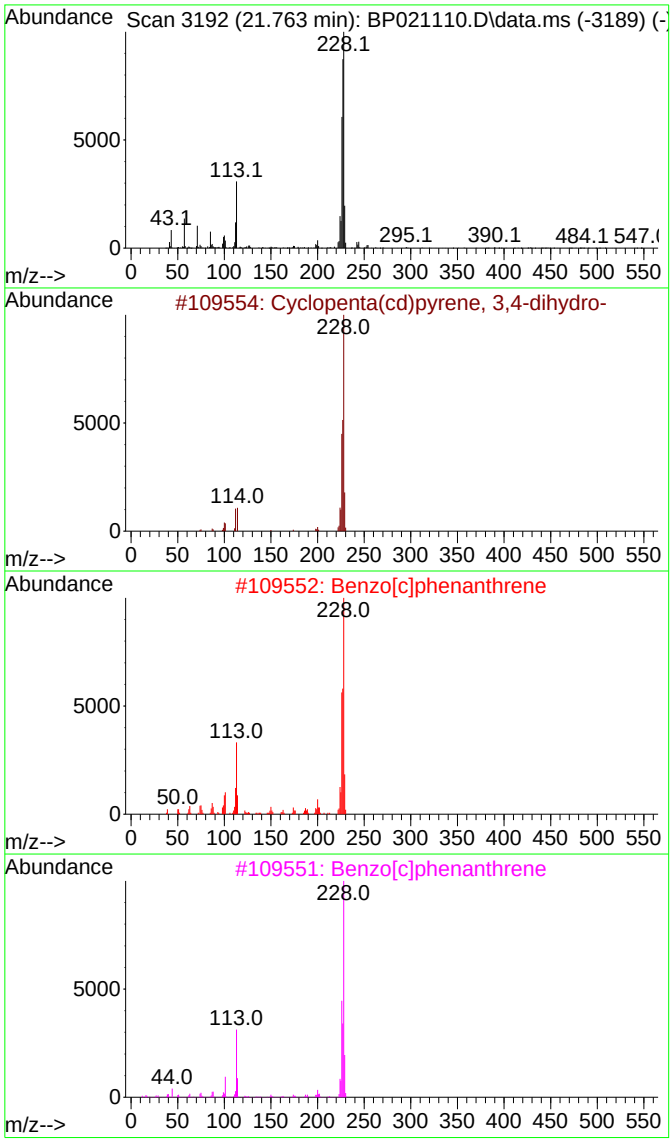
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

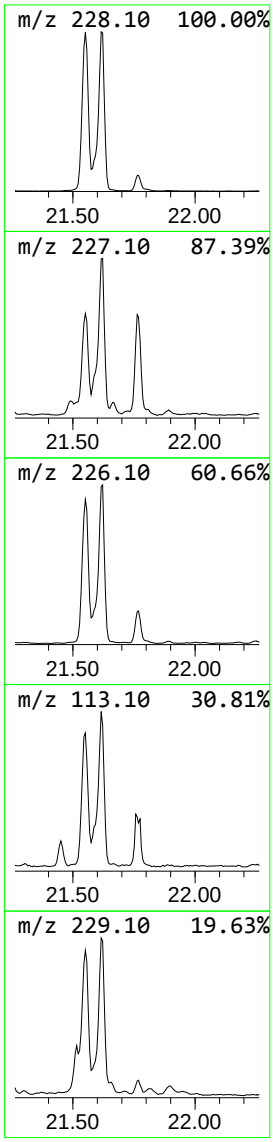
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.763	2.30 ng/ul	1030890	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	72
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Benz[a]anthracene	228	C18H12	000056-55-3	45
5	Triphenylene	228	C18H12	000217-59-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021110.D
Acq On : 23 Jul 2024 22:59
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Phenoxypropan...	11.187	2.9	ng/ul	205822	2	10.434	1435910	20.0
unknown-01	14.522	13.1	ng/ul	1358630	3	14.304	2077840	20.0
1,1'-Biphenyl, ...	15.581	2.2	ng/ul	229724	3	14.304	2077840	20.0
9H-Fluorene, 9-...	16.398	2.0	ng/ul	255490	4	17.122	2537640	20.0
9H-Fluoren-9-one	16.775	2.7	ng/ul	339058	4	17.122	2537640	20.0
Anthracene, 1,2...	16.857	2.0	ng/ul	256300	4	17.122	2537640	20.0
Dibenzothiophene	16.928	4.4	ng/ul	556604	4	17.122	2537640	20.0
1,1'-Biphenyl, ...	17.728	2.8	ng/ul	356686	4	17.122	2537640	20.0
Phenanthrene, 2...	18.028	7.9	ng/ul	997389	4	17.122	2537640	20.0
Phenanthrene, 1...	18.069	19.7	ng/ul	2502930	4	17.122	2537640	20.0
1H-Cyclopropa[1...	18.163	4.8	ng/ul	602279	4	17.122	2537640	20.0
4H-Cyclopenta[d...	18.228	19.2	ng/ul	2430770	4	17.122	2537640	20.0
Anthracene, 1-m...	18.269	7.1	ng/ul	897697	4	17.122	2537640	20.0
9,10-Anthracene...	18.445	2.0	ng/ul	254578	4	17.122	2537640	20.0
Naphthalene, 2-...	18.545	6.4	ng/ul	807848	4	17.122	2537640	20.0
9,10-Anthracene...	18.604	10.9	ng/ul	1386300	4	17.122	2537640	20.0
Phenanthrene, 2...	18.980	4.9	ng/ul	620451	4	17.122	2537640	20.0
Octadecanoic acid	19.386	2.3	ng/ul	1014890	5	21.569	8967840	20.0
Fluoranthene, 2...	19.986	2.8	ng/ul	1268730	5	21.569	8967840	20.0
11H-Benzo[b]flu...	20.157	6.5	ng/ul	2938330	5	21.569	8967840	20.0
11H-Benzo[a]flu...	20.257	2.8	ng/ul	1236610	5	21.569	8967840	20.0
Benzo[b]naphtho...	21.122	3.1	ng/ul	1400630	5	21.569	8967840	20.0
unknown-02	21.222	5.9	ng/ul	2627600	5	21.569	8967840	20.0
unknown-03	21.369	2.8	ng/ul	1259980	5	21.569	8967840	20.0
Cyclopenta(cd)p...	21.763	2.3	ng/ul	1030890	5	21.569	8967840	20.0