LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BE8

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: BP021109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.475	80	83	94	rBV	39529	61981	0.55%	0.056%
2	3.699	117	121	130	rVB	61267	87186	0.78%	0.079%
3	4.811	305	310	320	rVB	43907	68937	0.61%	0.063%
4	6.875	655	661	678	rVB	527771	831379	7.40%	0.758%
5	7.011	678	684	692	rBV	380772	584377	5.20%	0.532%
6	7.211	709	718	727	rBV	559747	872816	7.76%	0.795%
7	7.293	727	732	739	rVB	26184	62052	0.55%	0.057%
8	7.658	785	794	803	rBV	585835	943367	8.39%	0.860%
9	8.387	912	918	928	rBV	564249	1043991	9.29%	0.951%
10	8.822	984	992	1007	rBV	460631	835103	7.43%	0.761%
11	9.375	1080	1086	1099	rVB2	51123	94761	0.84%	0.086%
12	9.534	1105	1113	1124	rBV	359796	725174	6.45%	0.661%
13	10.087	1200	1207	1225	rBV	596290	1182722	10.52%	1.078%
14	10.440	1260	1267	1272	rBV	827362	1390431	12.37%	1.267%
15	10.487	1272	1275	1285	rVB	135840	206394	1.84%	0.188%
16	10.593	1285	1293	1310	rBV	183587	467125	4.16%	0.426%
17	11.181	1386	1393	1405	rBV	155143	332391	2.96%	0.303%
18	12.104	1544	1550	1558	rBV	89319	151165	1.34%	0.138%
19	12.316	1581	1586	1596	rVB	65545	125654	1.12%	0.114%
20	13.122	1719	1723	1729	rVV	45895	83579	0.74%	0.076%
21	13.322	1752	1757	1768	rVB	32686	63589	0.57%	0.058%
22	13.475	1775	1783	1791	rVB3	26098	68381	0.61%	0.062%
23	13.616	1800	1807	1812	rBV2	50494	98379	0.88%	0.090%
24	13.710	1818	1823	1829	rVB	1139865	1583987	14.09%	1.443%
25	13.998	1860	1872	1888	rBV	1439768	2307455	20.53%	2.103%
26	14.304	1913	1924	1930	rBV	1327645	1981806	17.63%	1.806%
27	14.369	1930	1935	1943	rVV	442026	653277	5.81%	0.595%
28	14.522	1954	1961	1969	rBV4	126235	324073	2.88%	0.295%
29	14.598	1969	1974	1988	rBV2	262463	677850	6.03%	0.618%
30	14.716	1988	1994	1999	rVV	192655	353192	3.14%	0.322%
31	14.987	2035	2040	2050	rVB4	24956	60661	0.54%	0.055%
32	15.104	2054	2060	2064	rBV3	29061	61337	0.55%	0.056%
33	15.316	2090	2096	2101	rVV	1744464	2638822	23.47%	2.405%
34	15.375	2101	2106	2116	rVB2	443080	687662	6.12%	0.627%
35	15.493	2117	2126	2131	rBV2	351494	598153	5.32%	0.545%
36	15.540	2131	2134	2137	rVV2	78996	115787	1.03%	0.106%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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	15.581	2137	2141	2146	rVV3	81032	176158	1.57%	0.161%
38	15.628	2146	2149	2152	rVV	55390	83632	0.74%	0.076%
39	15.669	2152	2156	2166	rVB	84351	158659	1.41%	0.145%
40	15.828	2179	2183	2190	rVB	78600	150260	1.34%	0.137%
41	15.898	2190	2195	2197	rBV5	44802	71146	0.63%	0.065%
42	16.028	2214	2217	2220	rVV2	39339	65146	0.58%	0.059%
43	16.069	2220	2224	2235	rVB5	92749	195192	1.74%	0.178%
44	16.398	2273	2280	2285	rVV4	92474	218695	1.95%	0.199%
45	16.451	2285	2289	2293	rVB3	52167	77891	0.69%	0.071%
46	16.634	2317	2320	2323	rVV3	51591	73968	0.66%	0.067%
47	16.769	2338	2343	2349	rVB	228367	338062	3.01%	0.308%
48	16.851	2350	2357	2363	rVV3	158077	312407	2.78%	0.285%
49	16.928	2365	2370	2377	rVB	339218	530395	4.72%	0.483%
50	17.022	2382	2386	2391	rVB5	43337	64087	0.57%	0.058%
51	17.116	2396	2402	2405	rBV	1523951	2385640	21.22%	2.174%
52	17.157	2405	2409	2414	rVV	6039349	8341509	74.20%	7.601%
53	17.216	2414	2419	2422	rVV2	1984271	2895694	25.76%	2.639%
54	17.251	2422	2425	2430	rVB	905056	1283183	11.41%	1.169%
55	17.322	2435	2437	2446	rVB	79499	114425	1.02%	0.104%
56	17.410	2448	2452	2454	rBV3	52985	65723	0.58%	0.060%
57	17.545	2466	2475	2484	rVB	468025	866775	7.71%	0.790%
58	17.639	2488	2491	2499	rVB2	133792	197743	1.76%	0.180%
59	17.716	2500	2504	2514	rBV5	140756	420873	3.74%	0.384%
60	17.804	2516	2519	2524	rVV3	100580	183609	1.63%	0.167%
61	17.857	2524	2528	2537	rVB2	115750	273838	2.44%	0.250%
62	18.016	2550	2555	2558	rBV	649488	937169	8.34%	0.854%
63	18.069	2558	2564	2569	rVV2	987499	1915089	17.04%	1.745%
64	18.116	2569	2572	2575	rVV	168770	262416	2.33%	0.239%
65	18.157	2575	2579	2584	rVV	221652	411350	3.66%	0.375%
66	18.222	2585	2590	2594	rVV2	1034465	1850551	16.46%	1.686%
67	18.263	2594	2597	2604	rVB	472680	706799	6.29%	0.644%
68	18.398	2618	2620	2623	rVB	78901	62872	0.56%	0.057%
69	18.545	2640	2645	2650	rBV	670946	920590	8.19%	0.839%
70	18.598	2650	2654	2660	rVV	870565	1237622	11.01%	1.128%
71	18.663	2662	2665	2672	rVB	134860	204427	1.82%	0.186%
72	18.798	2684	2688	2692	rBV2	160038	243223	2.16%	0.222%
73	18.857	2695	2698	2700	rVV	108243	139127	1.24%	0.127%
74	18.892	2702	2704	2709	rVB2	114808	157262	1.40%	0.143%
75	18.981	2714	2719	2724	rBV2	279706	587639	5.23%	0.535%
76	19.028	2724	2727	2733	rVB5	156039	350634	3.12%	0.320%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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	19.133	2740	2745	2751	rVB2	333102	671083	5.97%	0.611%
78	19.263	2760	2767	2774	rBV	7432318	11241428	100.00%	10.243%
79	19.604	2819	2825	2828	rBV3	3170200	5432556	48.33%	4.950%
80	19.639	2828	2831	2837	rVV	5780607	7746615	68.91%	7.059%
81	19.710	2840	2843	2851	rVV2	261859	492115	4.38%	0.448%
82	19.822	2859	2862	2866	rVB	311185	381172	3.39%	0.347%
83	19.963	2882	2886	2888	rBV	356409	544536	4.84%	0.496%
84	20.069	2902	2904	2906	rBV2	141518	114214	1.02%	0.104%
85	20.157	2909	2919	2924	rVV	1003745	2186649	19.45%	1.992%
86	20.257	2933	2936	2939	rVB	802631	748282	6.66%	0.682%
87	20.316	2943	2946	2949	rVB	597789	724819	6.45%	0.660%
88	20.516	2976	2980	2983	rBV	438925	613335	5.46%	0.559%
89	20.680	3006	3008	3013	rBV4	233340	334978	2.98%	0.305%
90	20.951	3050	3054	3059	rVB	610066	834232	7.42%	0.760%
91	21.128	3081	3084	3088	rVB	539846	728249	6.48%	0.664%
92	21.175	3089	3092	3096	rVB	495800	629562	5.60%	0.574%
93	21.222	3096	3100	3109	rBV4	925593	1901699	16.92%	1.733%
94	21.298	3110	3113	3120	rVB	619281	922277	8.20%	0.840%
95	21.451	3136	3139	3143	rVB	678801	774736	6.89%	0.706%
96	21.545	3150	3155	3163	rBV2	2991806	7600545	67.61%	6.926%
97	21.616	3163	3167	3172	rVB	2952740	4668666	41.53%	4.254%
98	21.769	3190	3193	3198	rBV2	400601	480956	4.28%	0.438%
99	23.839	3537	3545	3551	rBV	2108684	6317899	56.20%	5.757%
100	24.886	3721	3723	3732	rVB	855990	1697084	15.10%	1.546%

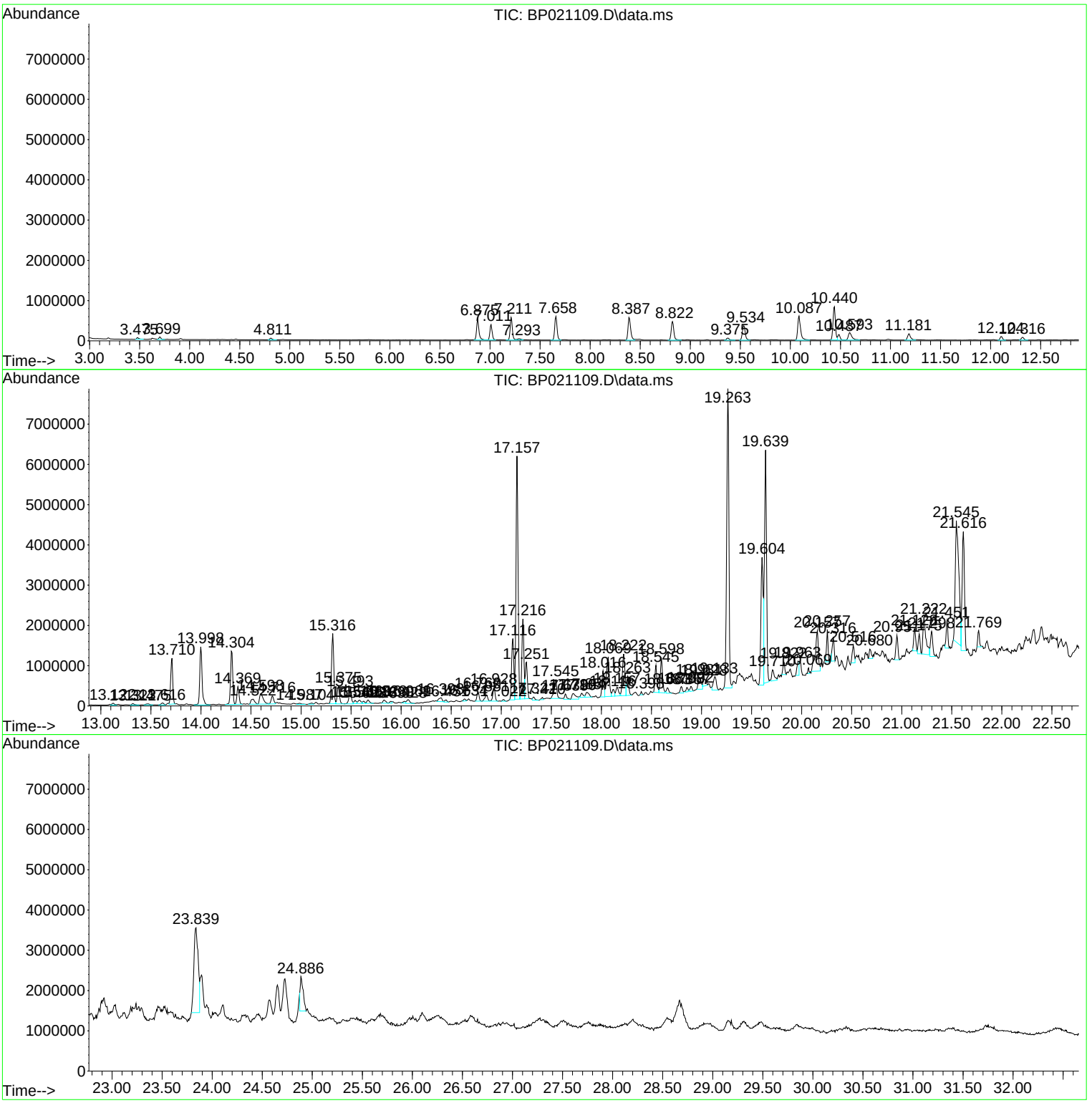
Sum of corrected areas: 109744163

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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 : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

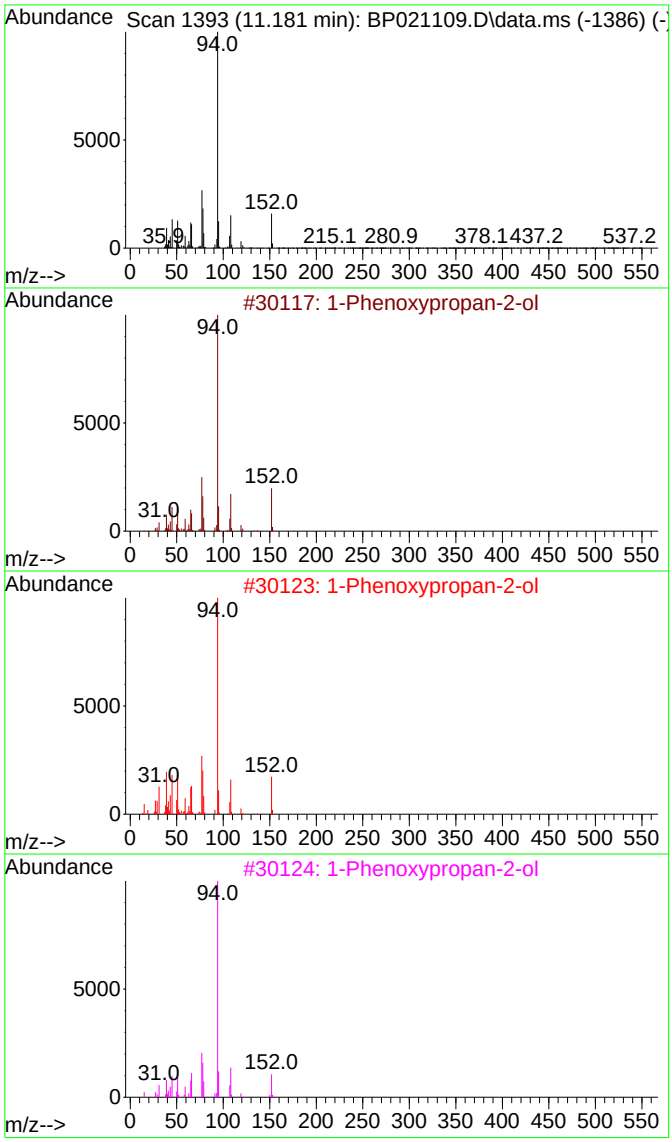
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

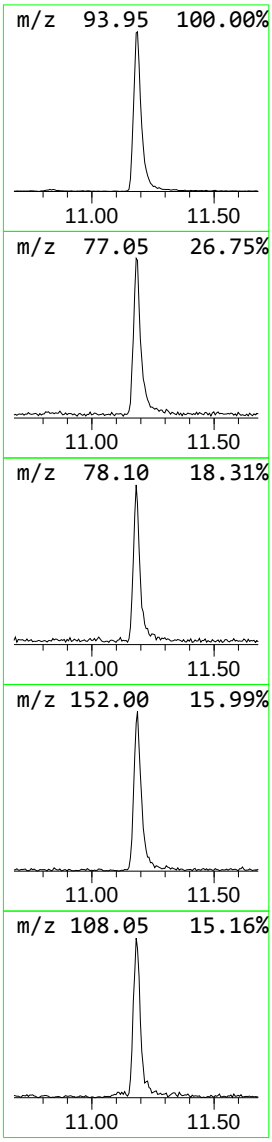
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	4.78 ng/ul	332391	Naphthalene-d8	10.440

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

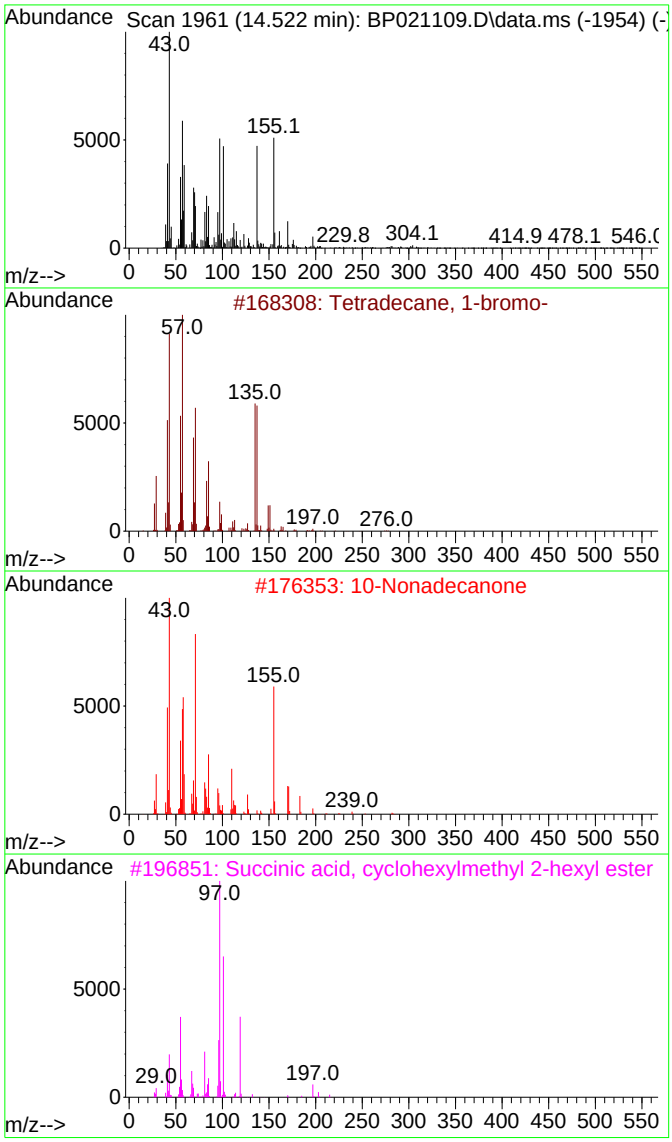
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

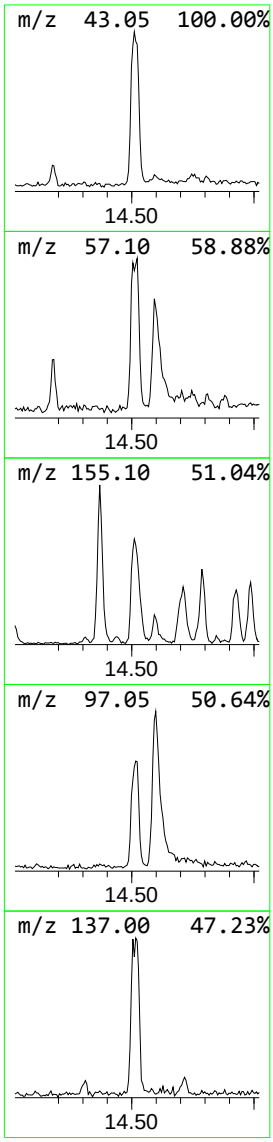
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.522	3.27 ng/ul	324073	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	44
2	10-Nonadecanone	282	C19H38O	000504-57-4	25
3	Succinic acid, cyclohexylmethyl ...	298	C17H30O4	1000390-68-7	22
4	Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	22
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

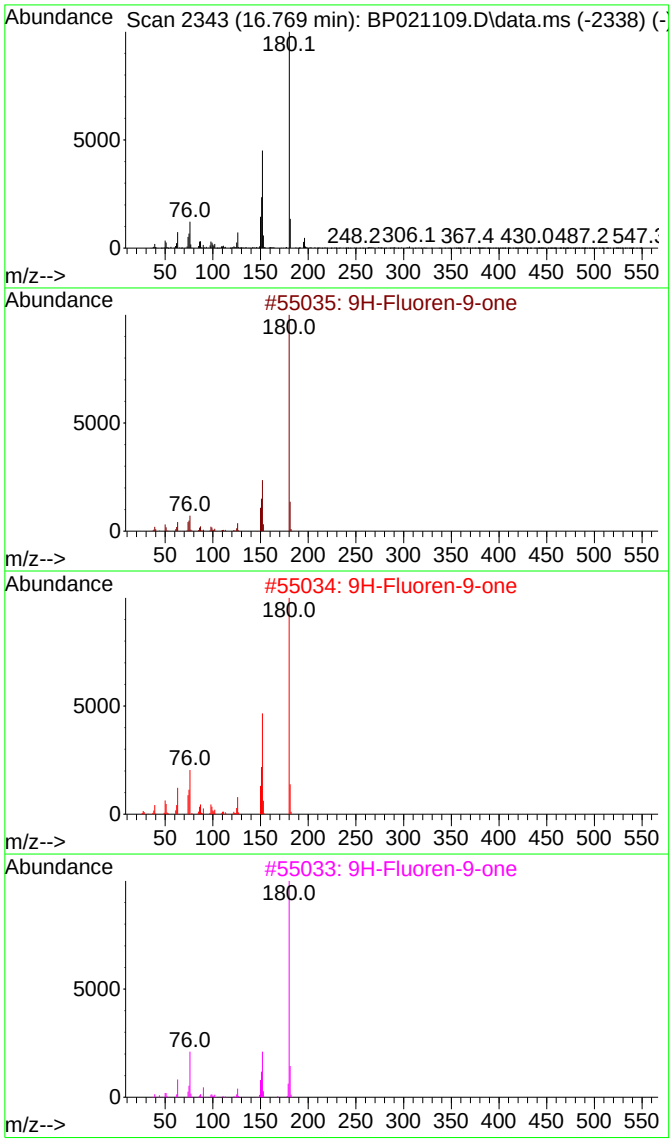
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

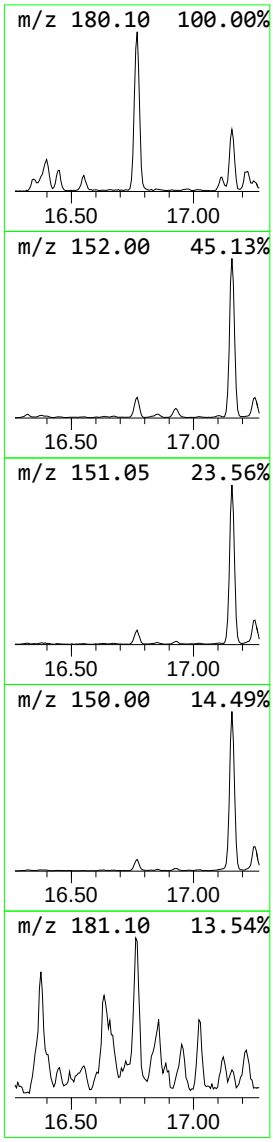
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.769	2.83 ng/ul	338062	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
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	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

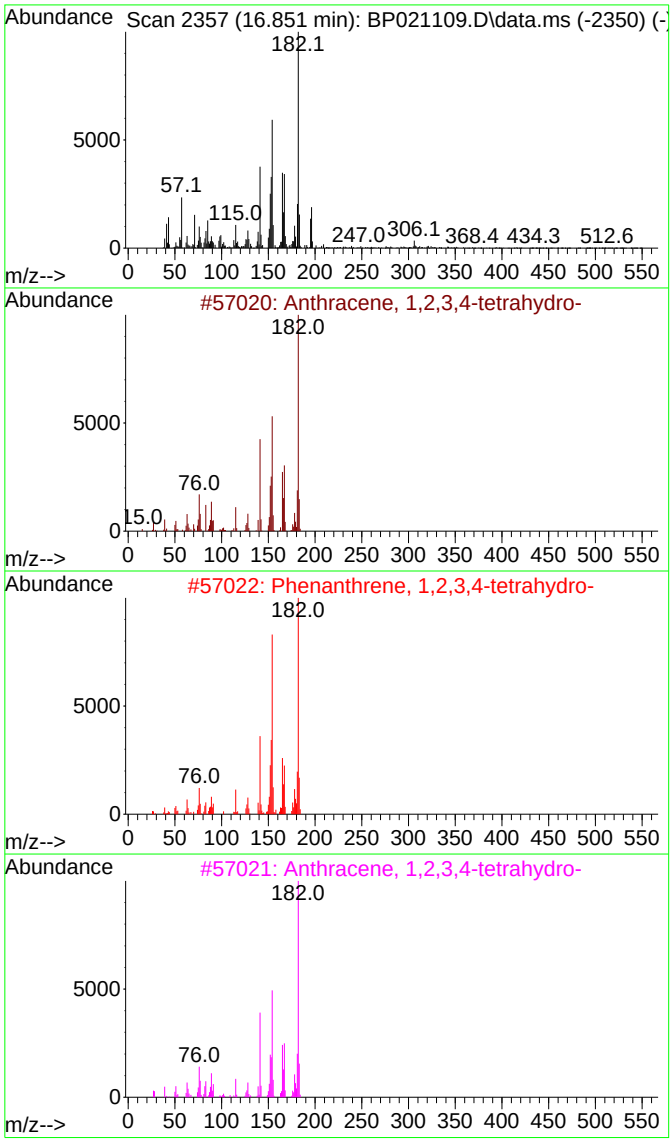
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

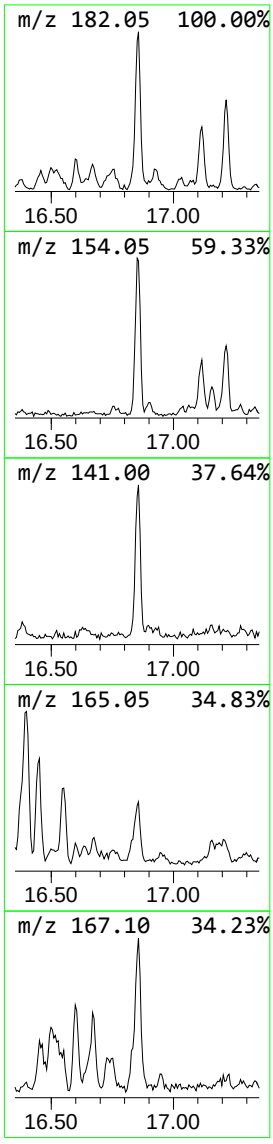
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	2.62 ng/ul	312407	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	95
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	90
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	87
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	81
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

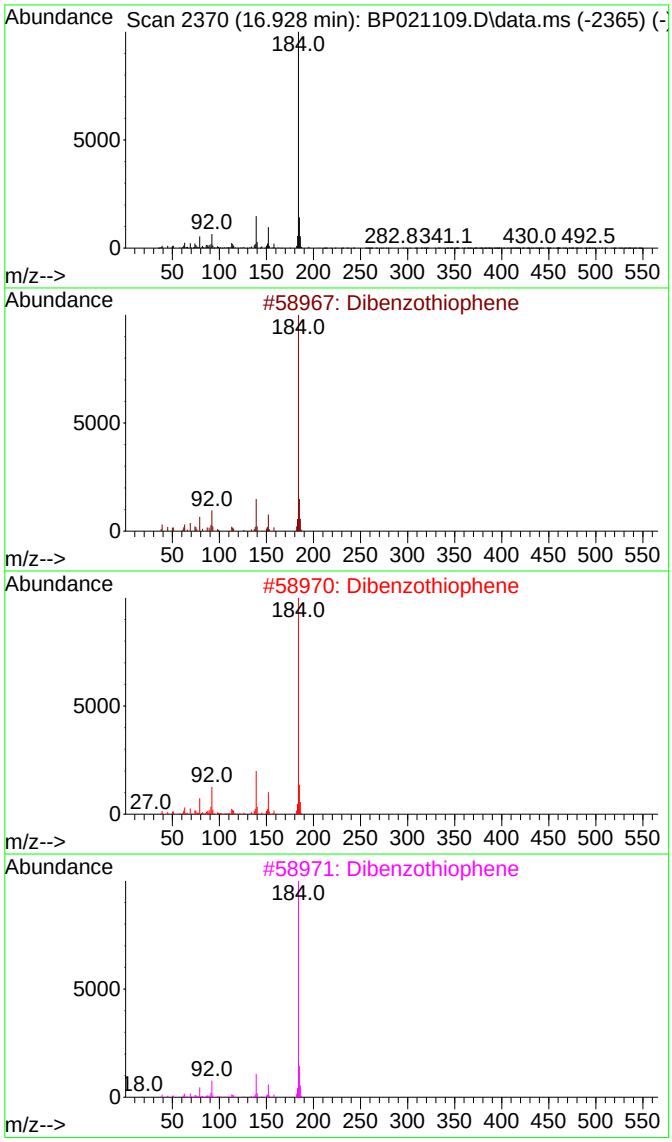
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

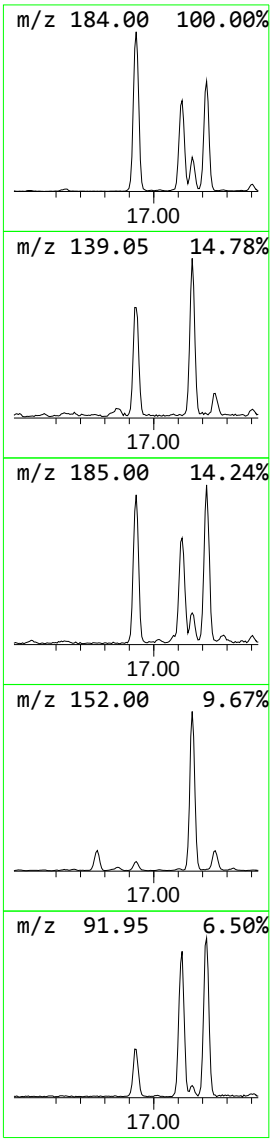
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.928	4.45 ng/ul	530395	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

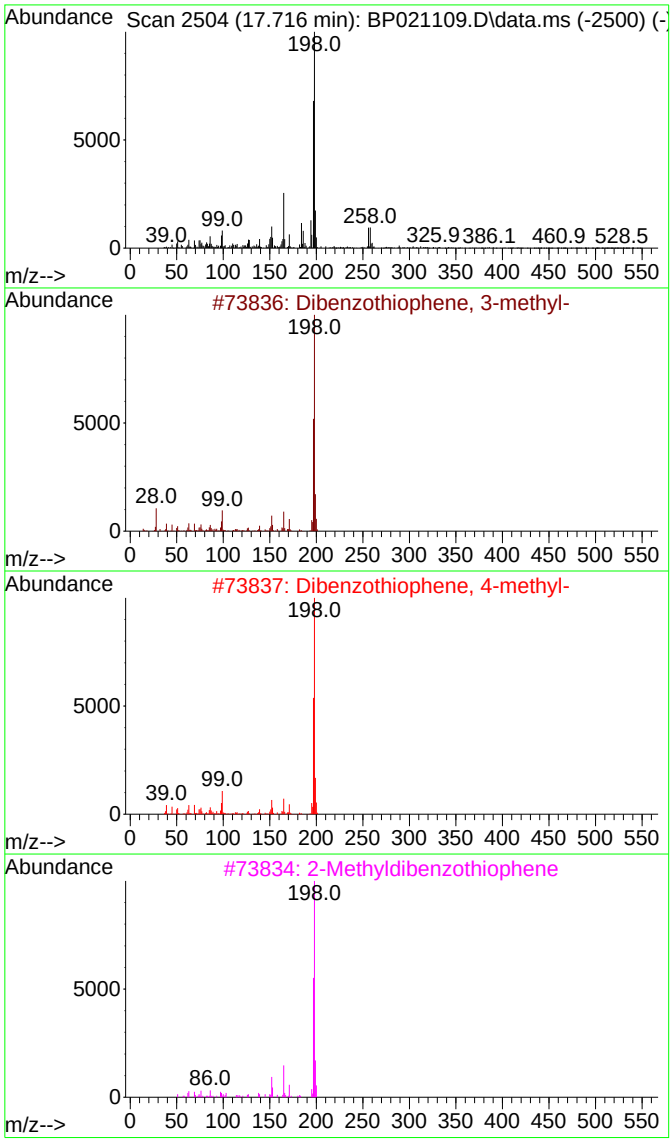
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

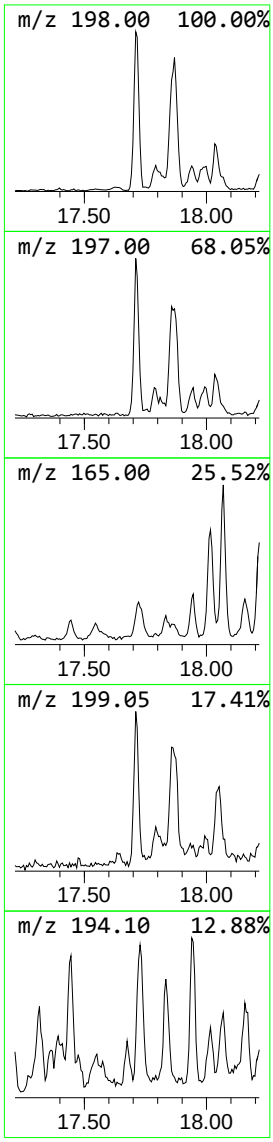
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzothiophene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	3.53 ng/ul	420873	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	70
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

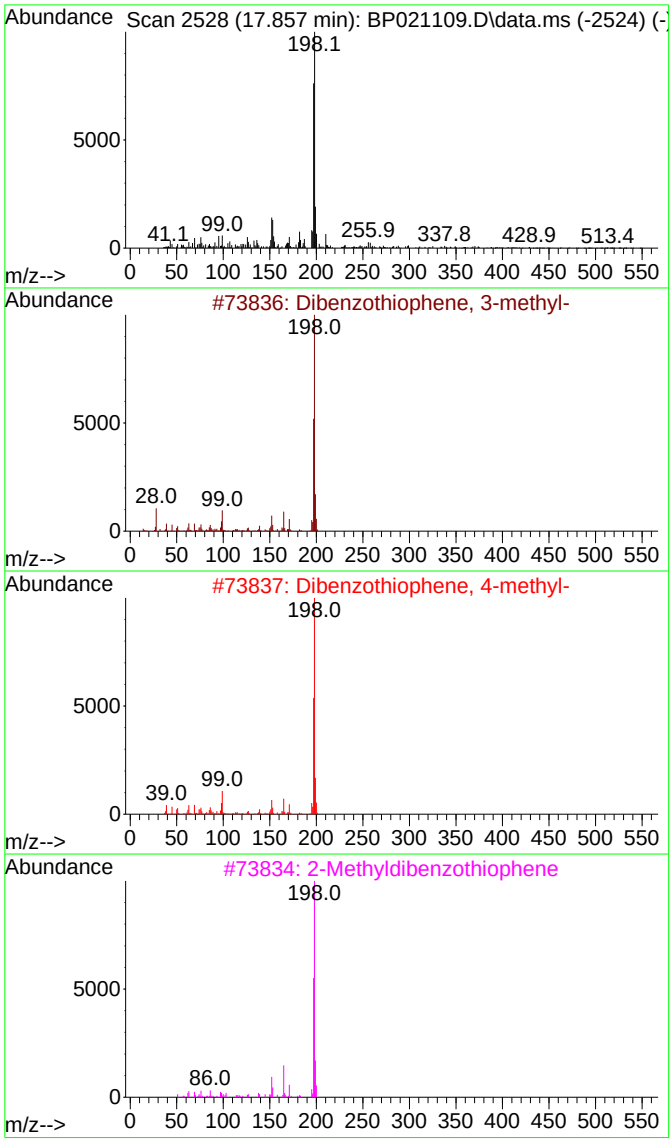
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

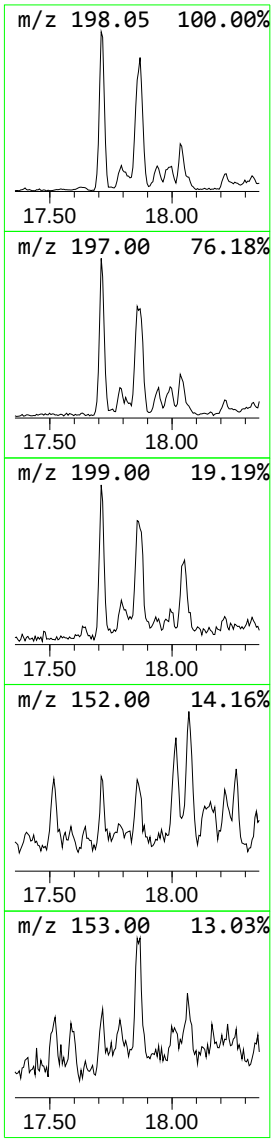
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.30 ng/ul	273838	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	86
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	83
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

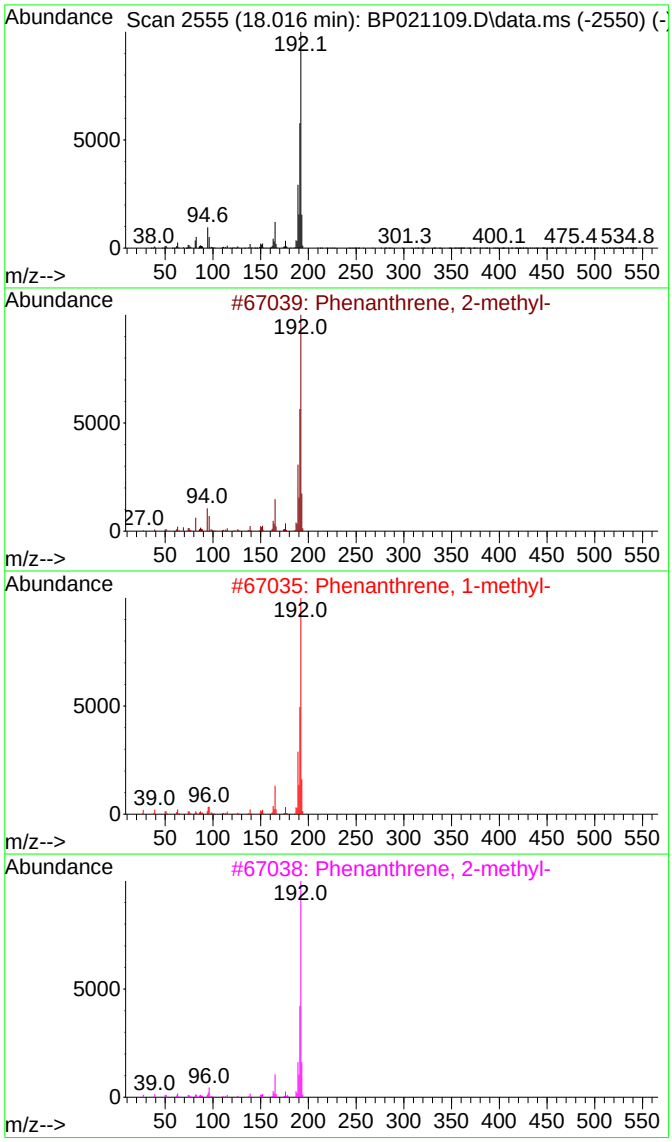
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

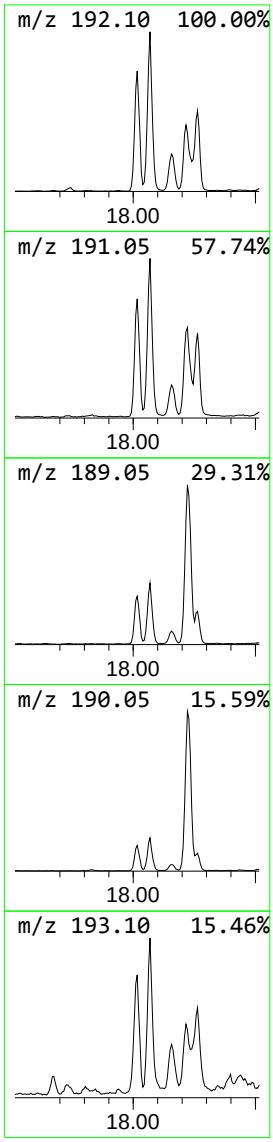
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	7.86 ng/ul	937169	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

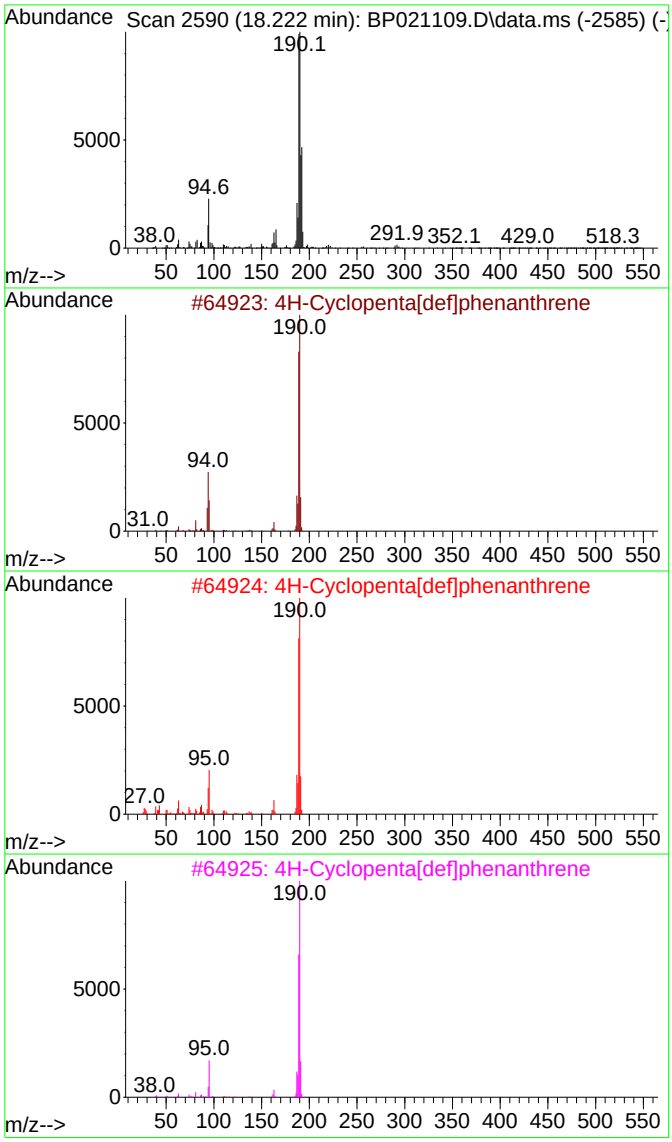
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

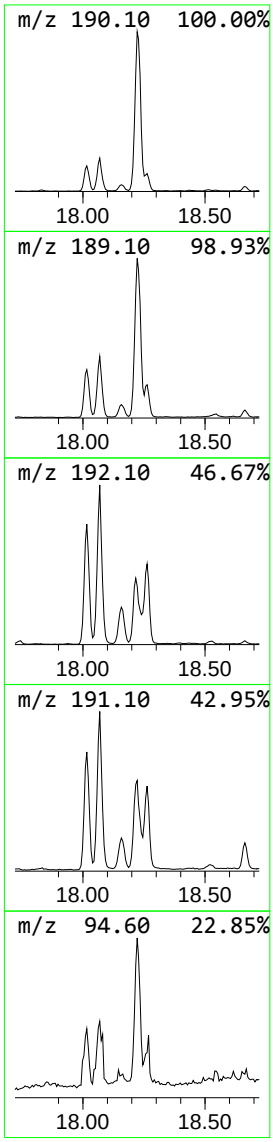
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	15.51 ng/ul	1850550	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

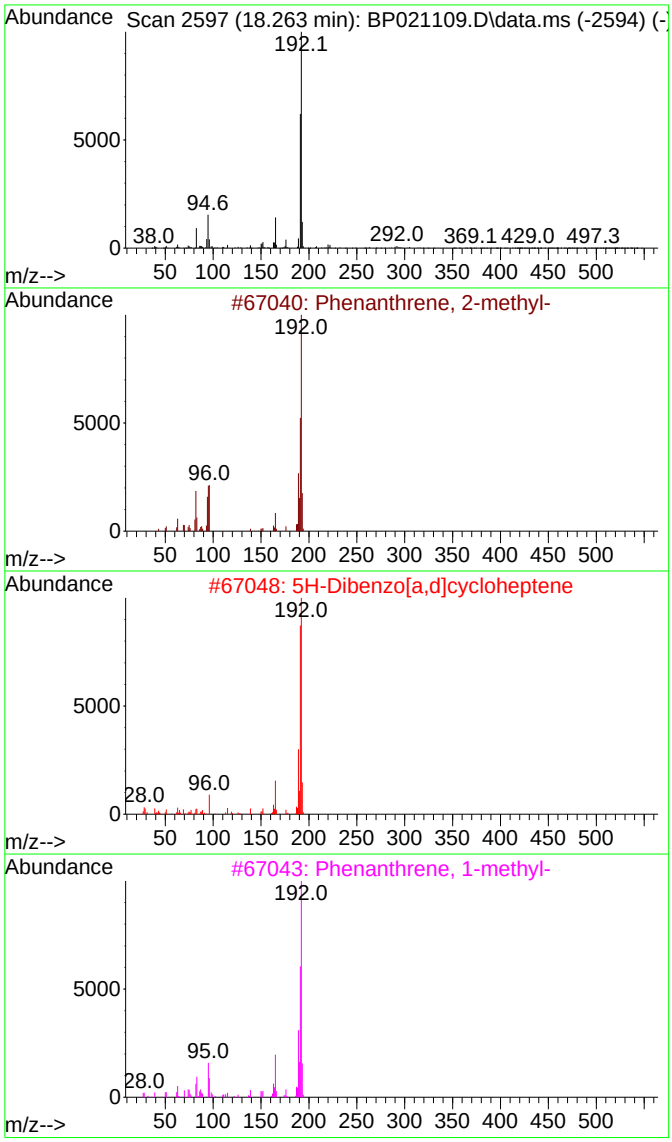
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

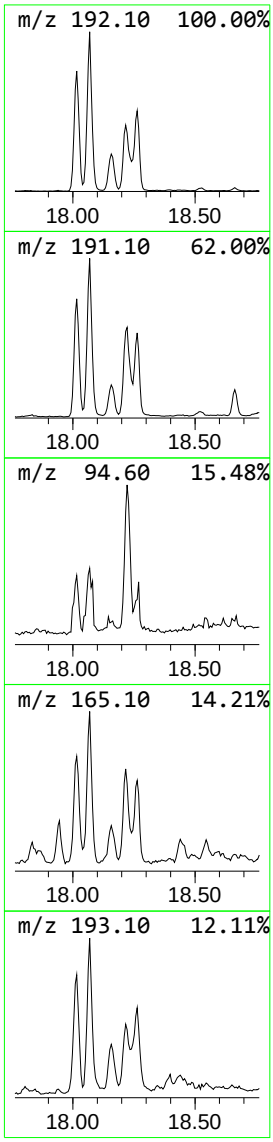
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	5.93 ng/ul	706799	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

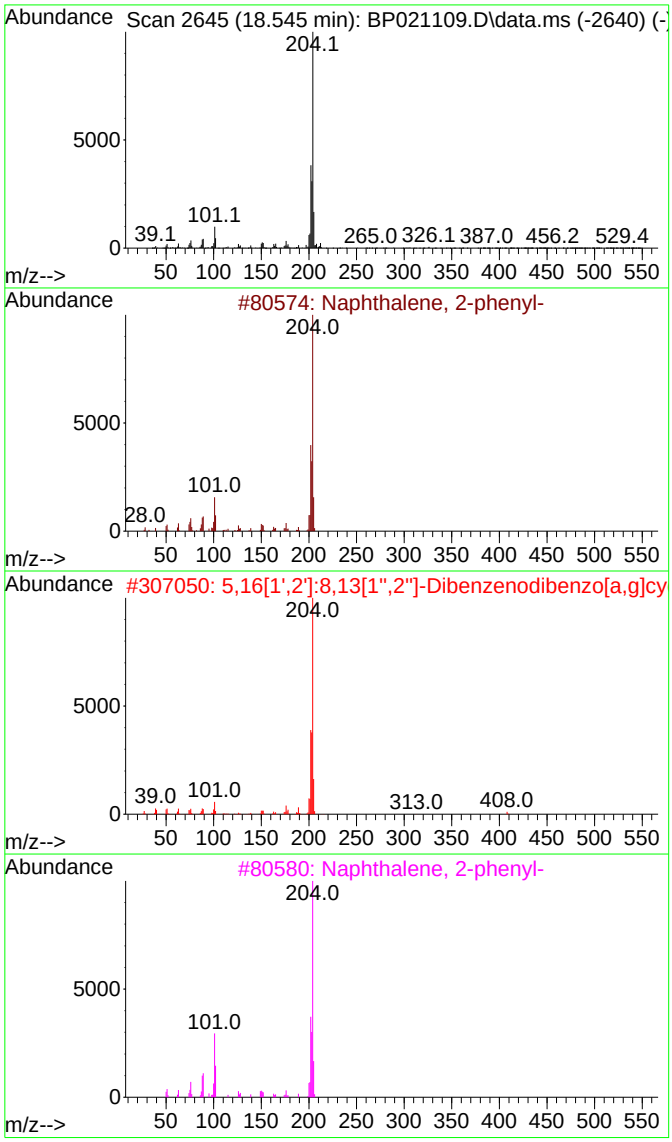
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

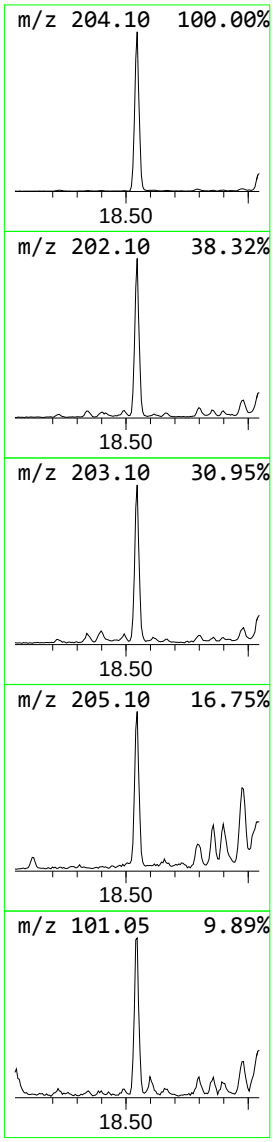
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	7.72 ng/ul	920590	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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

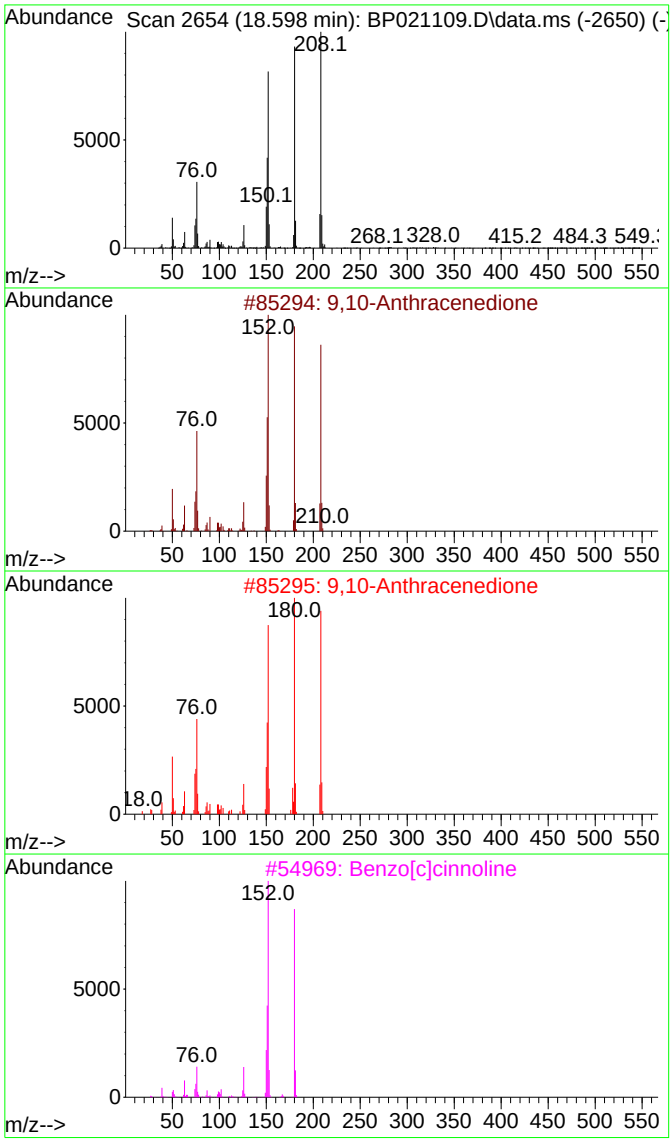
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

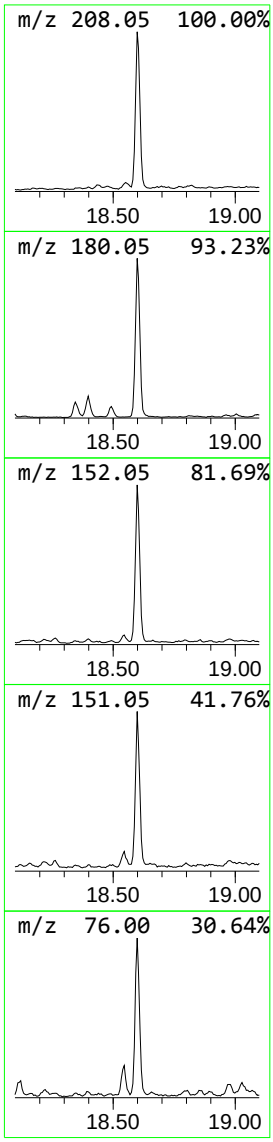
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	10.38 ng/ul	1237620	Phenanthrene-d10	17.116

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	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

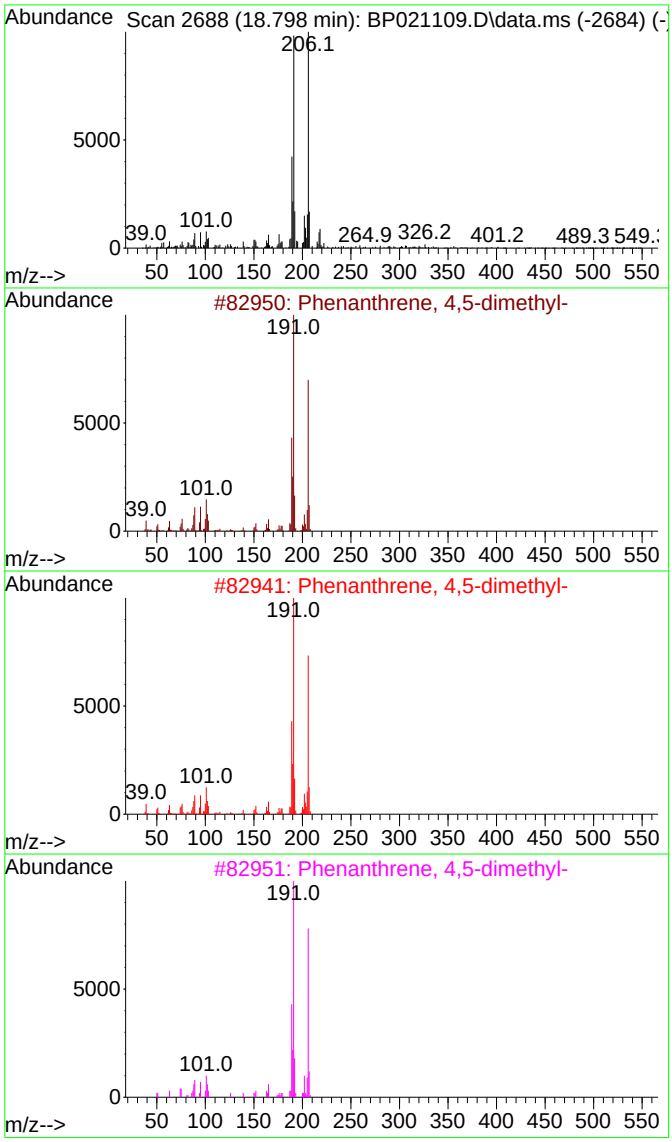
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

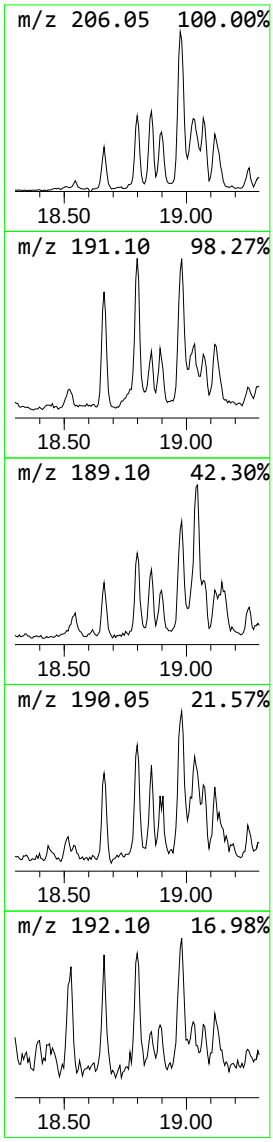
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	2.04 ng/ul	243223	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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

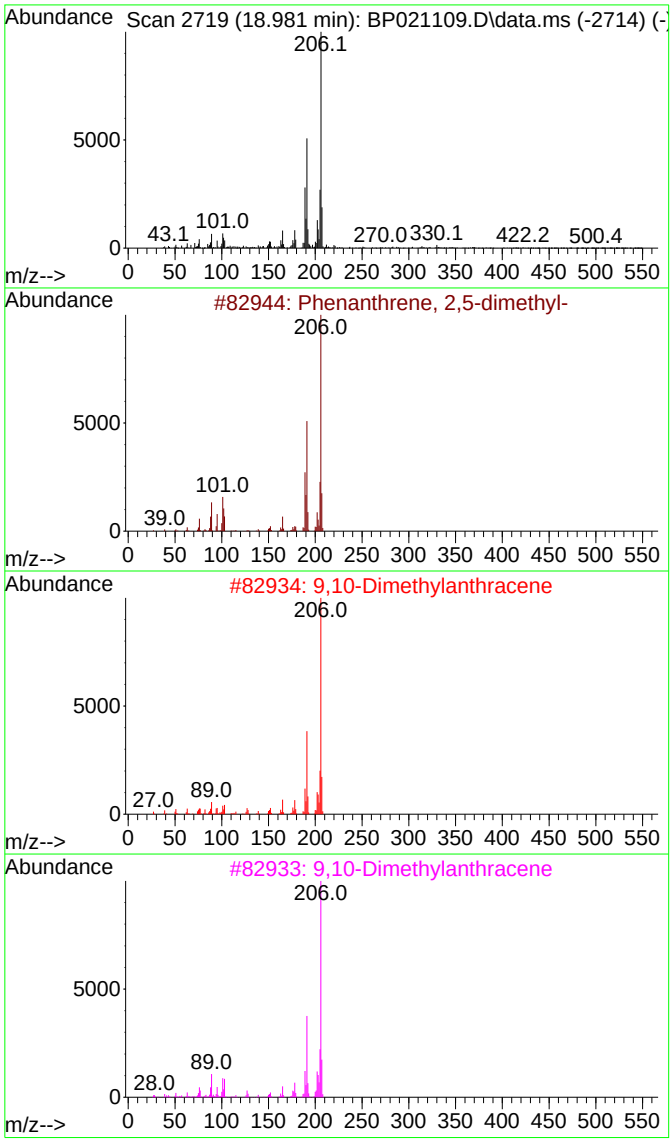
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

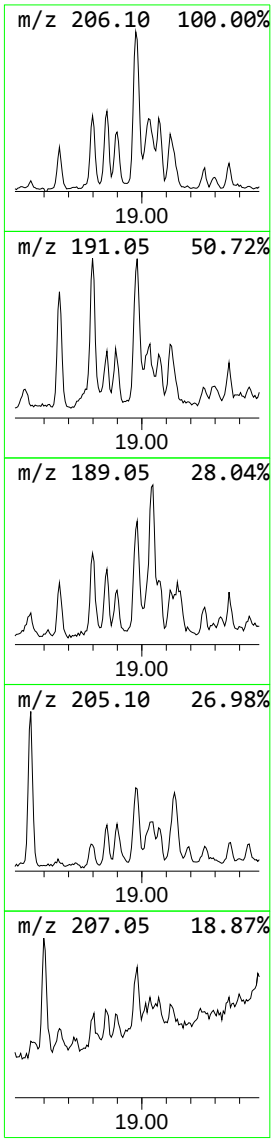
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	4.93 ng/ul	587639	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

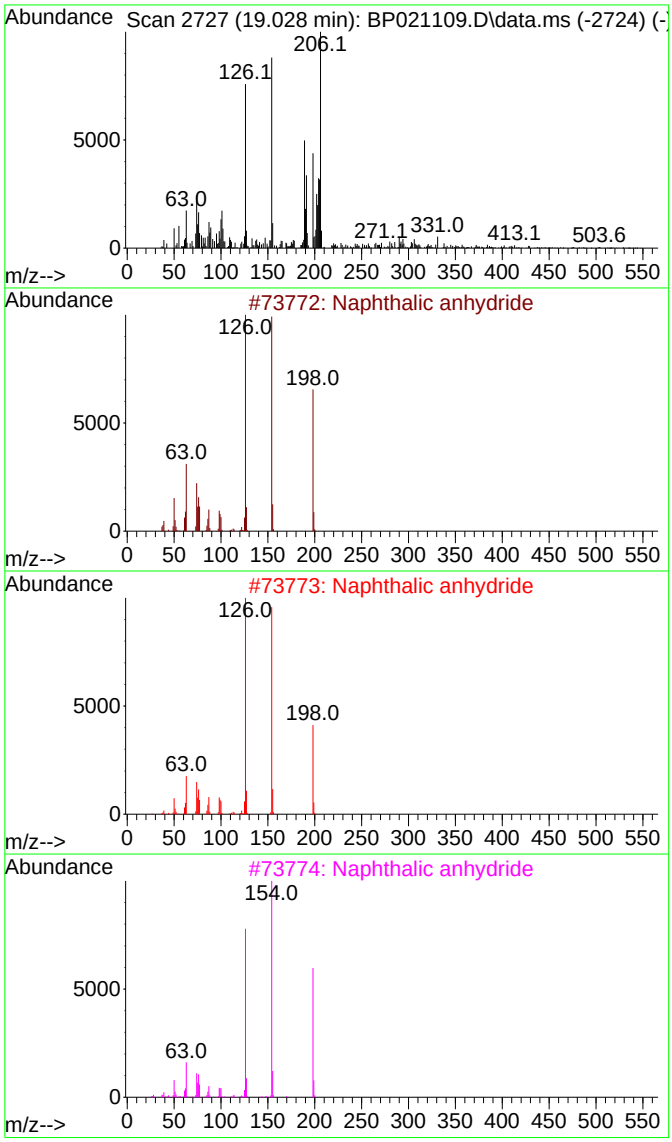
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

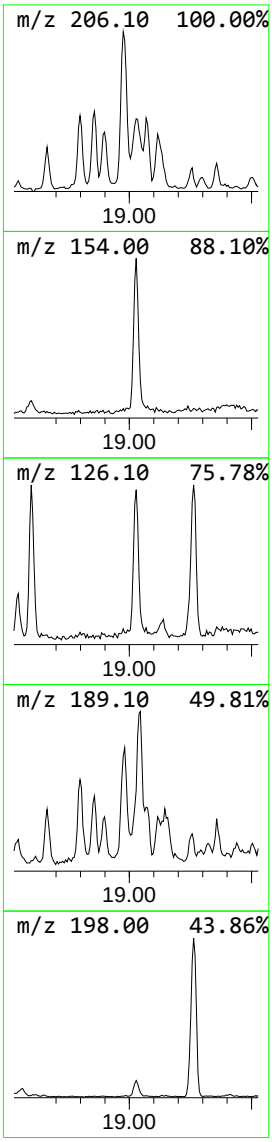
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	2.94 ng/ul	350634	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	92
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	86
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	52
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

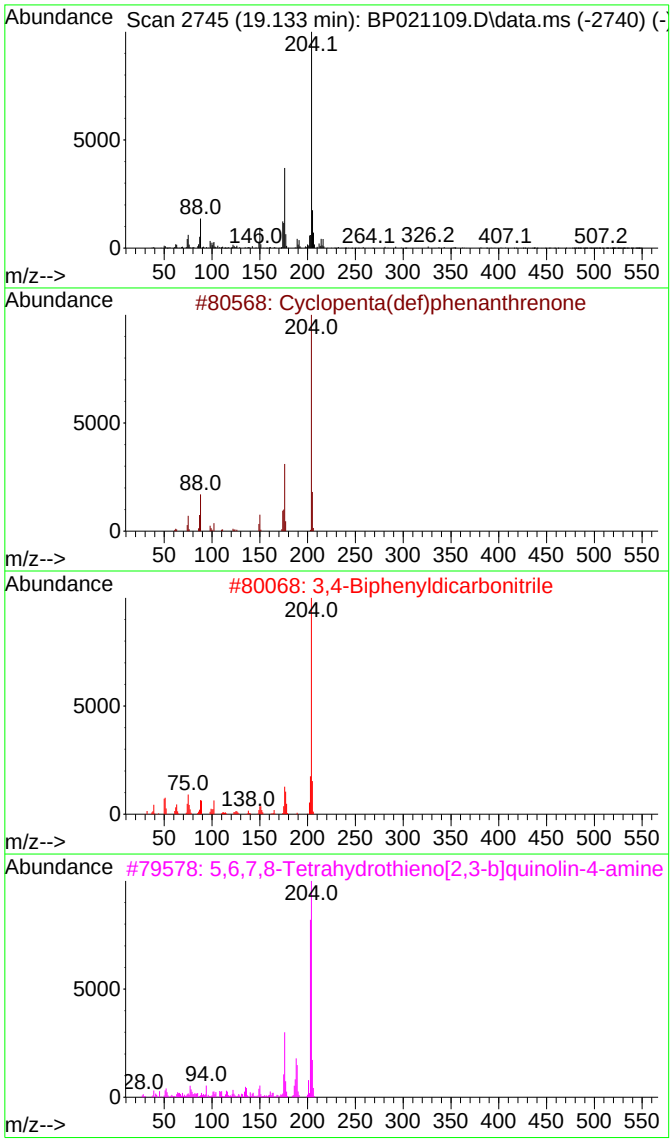
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

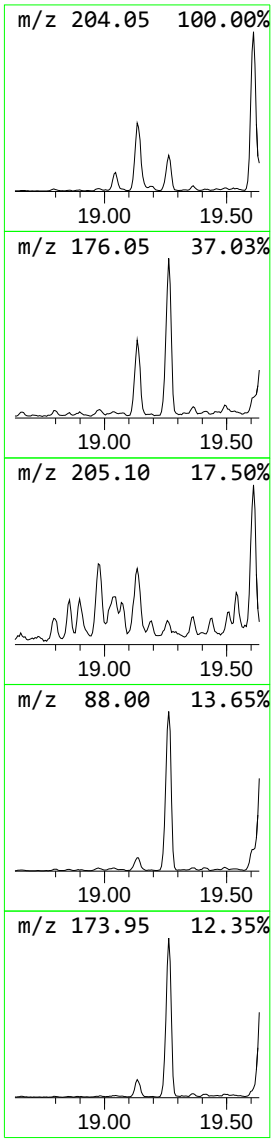
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.134	5.63 ng/ul	671083	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

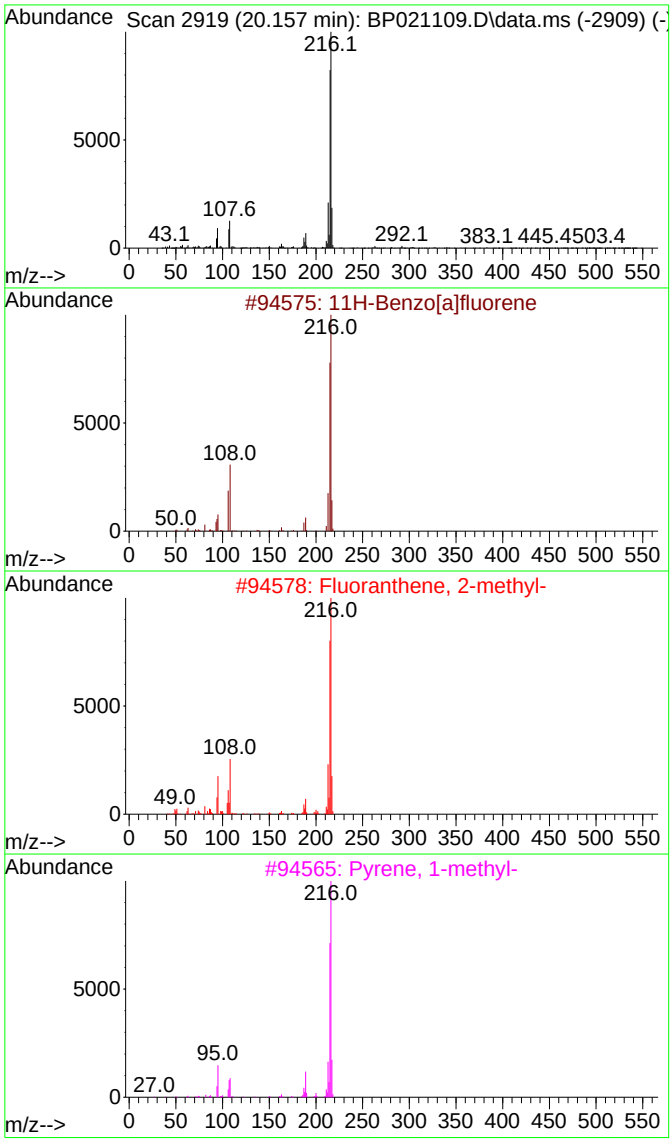
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

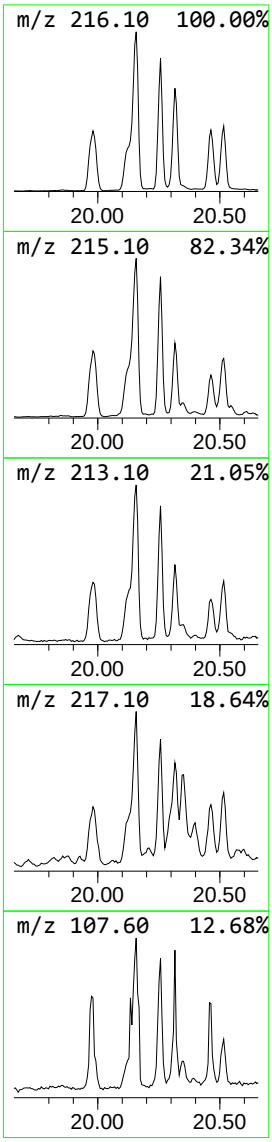
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	5.75 ng/ul	2186650	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

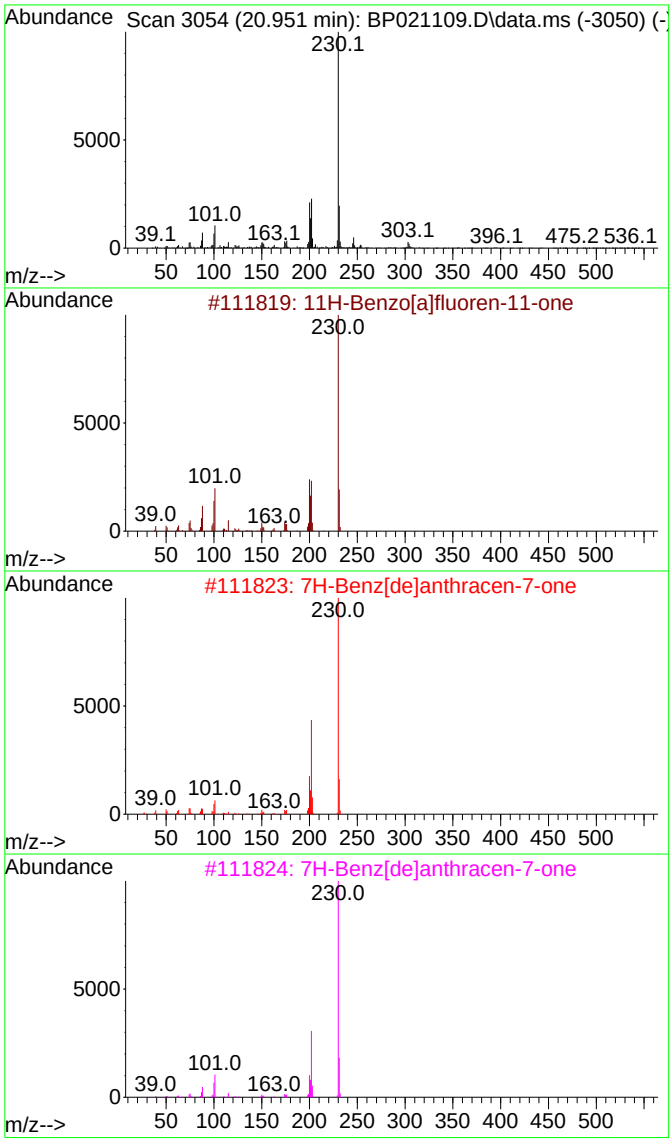
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

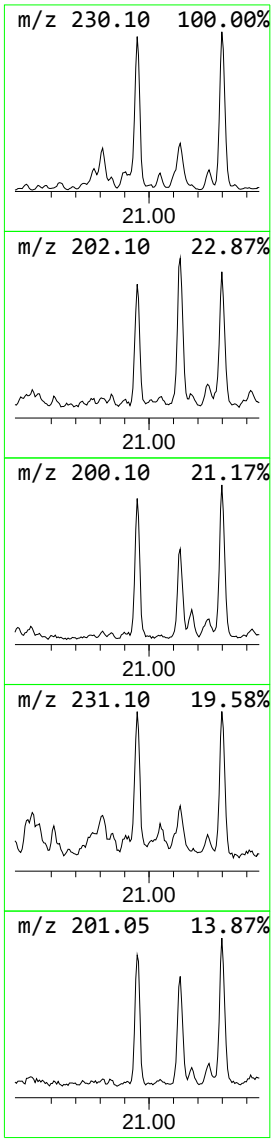
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	2.20 ng/ul	834232	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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

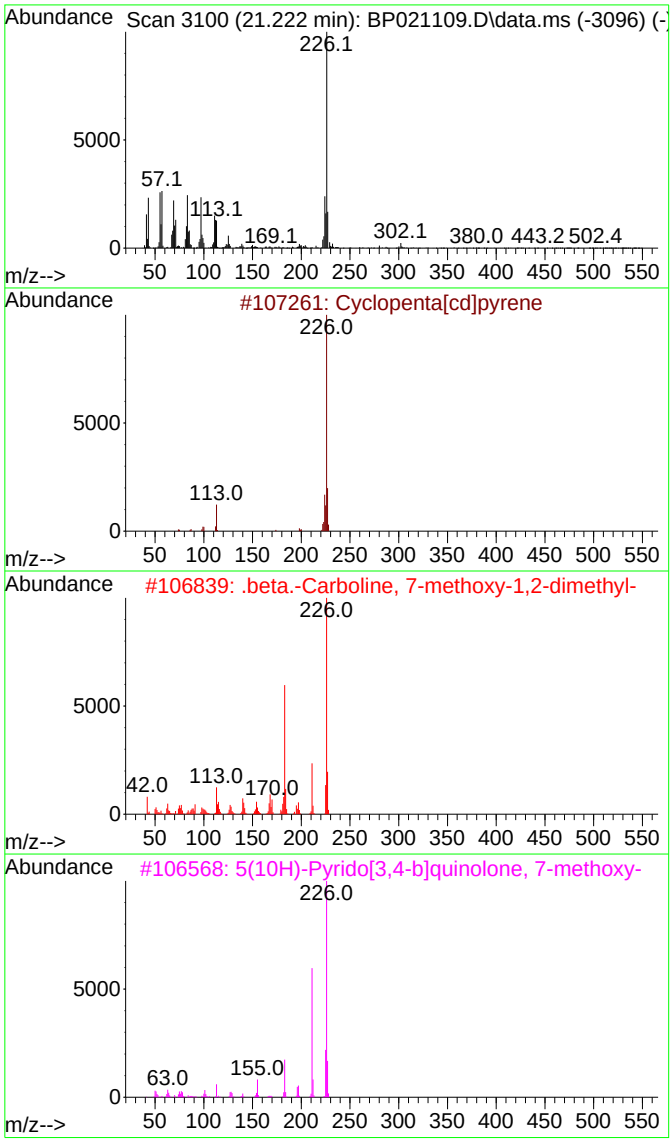
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

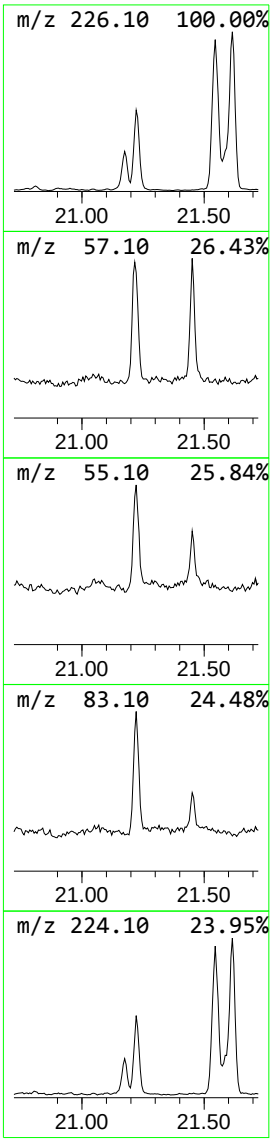
****

Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	5.00 ng/ul	1901700	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	46
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	43
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

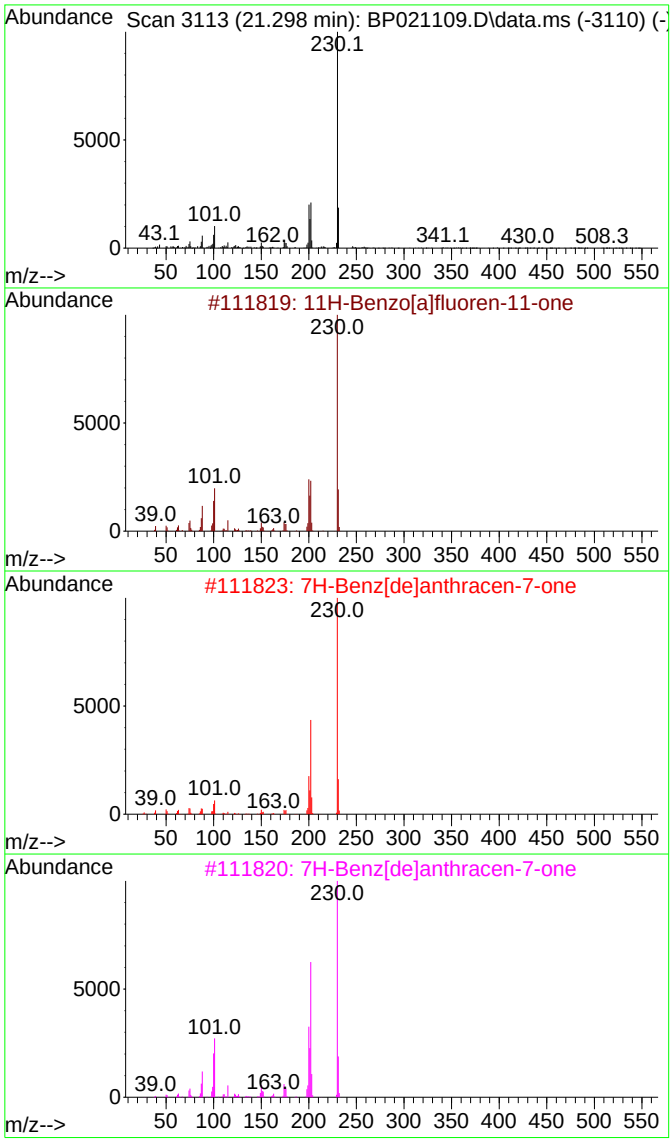
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

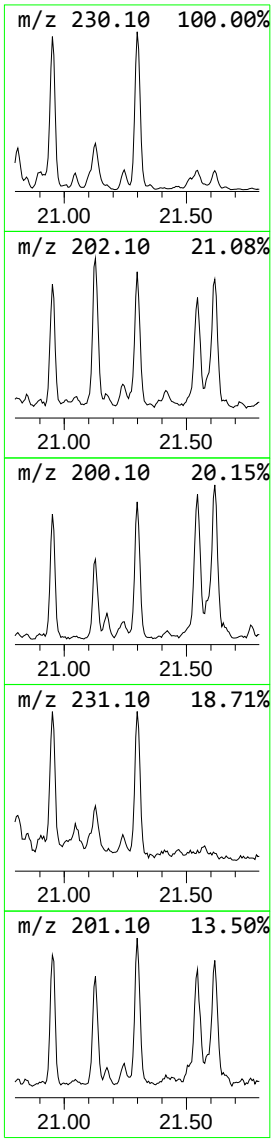
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	2.43 ng/ul	922277	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021109.D
Acq On : 23 Jul 2024 22:16
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

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...	11.181	4.8	ng/ul	332391	2	10.440	1390430	20.0
unknown-01	14.522	3.3	ng/ul	324073	3	14.304	1981810	20.0
9H-Fluoren-9-one	16.769	2.8	ng/ul	338062	4	17.116	2385640	20.0
Anthracene, 1,2...	16.851	2.6	ng/ul	312407	4	17.116	2385640	20.0
Dibenzothiophene	16.928	4.5	ng/ul	530395	4	17.116	2385640	20.0
Dibenzothiophen...	17.716	3.5	ng/ul	420873	4	17.116	2385640	20.0
Dibenzothiophen...	17.857	2.3	ng/ul	273838	4	17.116	2385640	20.0
Phenanthrene, 2...	18.016	7.9	ng/ul	937169	4	17.116	2385640	20.0
4H-Cyclopenta[d...	18.222	15.5	ng/ul	1850550	4	17.116	2385640	20.0
5H-Dibenzo[a,d]...	18.263	5.9	ng/ul	706799	4	17.116	2385640	20.0
Naphthalene, 2-...	18.545	7.7	ng/ul	920590	4	17.116	2385640	20.0
9,10-Anthracene...	18.598	10.4	ng/ul	1237620	4	17.116	2385640	20.0
Phenanthrene, 4...	18.798	2.0	ng/ul	243223	4	17.116	2385640	20.0
Phenanthrene, 2...	18.981	4.9	ng/ul	587639	4	17.116	2385640	20.0
Naphthalic anhy...	19.028	2.9	ng/ul	350634	4	17.116	2385640	20.0
Cyclopenta(def)...	19.134	5.6	ng/ul	671083	4	17.116	2385640	20.0
11H-Benzo[a]flu...	20.157	5.8	ng/ul	2186650	5	21.569	7600550	20.0
11H-Benzo[a]flu...	20.951	2.2	ng/ul	834232	5	21.569	7600550	20.0
Cyclopenta[cd]p...	21.222	5.0	ng/ul	1901700	5	21.569	7600550	20.0
7H-Benz[de]anth...	21.298	2.4	ng/ul	922277	5	21.569	7600550	20.0