LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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: BP021090.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.517	86	90	97	rBV	46484	73769	0.61%	0.056%
2	3.740	124	128	136	rVB	65920	89857	0.74%	0.069%
3	4.840	310	315	321	rBV	43997	66170	0.54%	0.051%
4	6.899	658	665	680	rBV	525567	908904	7.48%	0.695%
5	7.028	681	687	699	rVB	406689	634576	5.22%	0.485%
6	7.234	715	722	729	rBV	598745	922650	7.59%	0.705%
7	7.305	730	734	743	rVB	31601	70668	0.58%	0.054%
8	7.681	791	798	806	rBV	694922	1053817	8.67%	0.805%
9	8.405	914	921	935	rBV	594225	1128931	9.29%	0.863%
10	8.828	985	993	1004	rBV	472863	876290	7.21%	0.670%
11	9.381	1080	1087	1099	rBV3	41236	87806	0.72%	0.067%
12	9.546	1108	1115	1129	rBV	469463	771327	6.35%	0.590%
13	10.087	1198	1207	1228	rBV	538994	1242258	10.22%	0.949%
14	10.440	1260	1267	1272	rBV	850014	1526512	12.56%	1.167%
15	10.487	1272	1275	1286	rVB	125641	212427	1.75%	0.162%
16	10.604	1286	1295	1307	rBV	170939	460712	3.79%	0.352%
17	11.181	1386	1393	1406	rBV	167034	357497	2.94%	0.273%
18	12.110	1545	1551	1562	rBV	81006	145442	1.20%	0.111%
19	12.316	1581	1586	1595	rVB	65212	111721	0.92%	0.085%
20	13.122	1720	1723	1736	rVB	32868	67028	0.55%	0.051%
21	13.316	1753	1756	1765	rVB	36390	62426	0.51%	0.048%
22	13.475	1771	1783	1790	rBV4	26730	89441	0.74%	0.068%
23	13.616	1801	1807	1812	rBV	56707	109275	0.90%	0.084%
24	13.716	1818	1824	1835	rVV	1198202	1734706	14.27%	1.326%
25	13.851	1842	1847	1859	rVB2	25226	64411	0.53%	0.049%
26	14.004	1866	1873	1887	rVB	1362195	2410509	19.83%	1.842%
27	14.304	1913	1924	1930	rBV	1364923	2141636	17.62%	1.637%
28	14.369	1930	1935	1942	rVB	458804	657214	5.41%	0.502%
29	14.528	1954	1962	1968	rBV2	118318	331982	2.73%	0.254%
30	14.592	1968	1973	1986	rBV2	288212	685439	5.64%	0.524%
31	14.710	1987	1993	2000	rBV	190464	316703	2.61%	0.242%
32	14.987	2036	2040	2052	rVB2	32524	80775	0.66%	0.062%
33	15.098	2052	2059	2063	rBV6	32014	70551	0.58%	0.054%
34	15.322	2091	2097	2102	rBV	1970334	2731319	22.47%	2.088%
35	15.375	2102	2106	2117	rVB	492456	698776	5.75%	0.534%
36	15.481	2117	2124	2130	rBV2	227475	449527	3.70%	0.344%

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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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	15.539	2130	2134	2138	rVV3	52603	88775	0.73%	0.068%
38	15.587	2138	2142	2146	rVV3	59848	94127	0.77%	0.072%
39	15.675	2153	2157	2164	rVB	95264	133310	1.10%	0.102%
40	15.834	2179	2184	2190	rVB	66677	133979	1.10%	0.102%
41	16.075	2217	2225	2236	rVB6	98293	256572	2.11%	0.196%
42	16.322	2262	2267	2270	rVV3	34277	65782	0.54%	0.050%
43	16.398	2274	2280	2285	rVV3	104418	244155	2.01%	0.187%
44	16.451	2286	2289	2295	rVB3	58789	86037	0.71%	0.066%
45	16.510	2295	2299	2304	rBV8	37420	75104	0.62%	0.057%
46	16.634	2313	2320	2324	rBV5	73396	166477	1.37%	0.127%
47	16.681	2325	2328	2332	rVB2	45501	62793	0.52%	0.048%
48	16.775	2339	2344	2351	rBV	222376	391018	3.22%	0.299%
49	16.863	2352	2359	2365	rVV3	167838	410951	3.38%	0.314%
50	16.939	2367	2372	2378	rVB	401078	636281	5.23%	0.486%
51	17.122	2396	2403	2406	rBV	1722522	2682226	22.07%	2.050%
52	17.169	2406	2411	2417	rVV	5211449	9412250	77.43%	7.194%
53	17.233	2417	2422	2425	rVV	2098108	3367313	27.70%	2.574%
54	17.263	2425	2427	2434	rVV	1161838	1542874	12.69%	1.179%
55	17.322	2435	2437	2447	rVB	116442	205805	1.69%	0.157%
56	17.551	2467	2476	2483	rBV2	542131	1144843	9.42%	0.875%
57	17.651	2490	2493	2497	rVV	114122	139639	1.15%	0.107%
58	17.716	2500	2504	2513	rVB3	147745	367240	3.02%	0.281%
59	17.816	2518	2521	2524	rBV	58751	72489	0.60%	0.055%
60	17.869	2524	2530	2538	rVB	124757	290556	2.39%	0.222%
61	17.951	2541	2544	2548	rBV	62649	81079	0.67%	0.062%
62	18.022	2551	2556	2559	rBV	659838	1005343	8.27%	0.768%
63	18.075	2559	2565	2569	rVB2	907471	1681941	13.84%	1.285%
64	18.163	2576	2580	2585	rVB	206525	299373	2.46%	0.229%
65	18.233	2586	2592	2596	rBV2	1136011	1994001	16.40%	1.524%
66	18.269	2596	2598	2604	rVB	466800	637562	5.24%	0.487%
67	18.339	2608	2610	2617	rVV4	133791	301683	2.48%	0.231%
68	18.398	2617	2620	2623	rVB4	118244	164362	1.35%	0.126%
69	18.545	2641	2645	2650	rVB	608595	829374	6.82%	0.634%
70	18.610	2651	2656	2662	rBV	727187	1093149	8.99%	0.835%
71	18.675	2664	2667	2670	rVV	115527	144137	1.19%	0.110%
72	18.798	2685	2688	2693	rVB	203015	299054	2.46%	0.229%
73	18.986	2715	2720	2725	rBV2	298838	622679	5.12%	0.476%
74	19.039	2725	2729	2731	rBV4	180313	283372	2.33%	0.217%
75	19.145	2743	2747	2751	rVB2	357851	522264	4.30%	0.399%
76	19.257	2760	2766	2772	rVB	8630350	12155924	100.00%	9.291%

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Sample : P3238-05
Misc :
ALS Vial : 9 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	19.375	2781	2786	2789	rBV3	235914	469006	3.86%	0.358%
78	19.604	2820	2825	2827	rBV2	3617256	5141197	42.29%	3.929%
79	19.639	2827	2831	2838	rVV	6470872	9075585	74.66%	6.936%
80	19.710	2840	2843	2849	rVB2	236378	402913	3.31%	0.308%
81	19.833	2861	2864	2867	rBV	301928	325144	2.67%	0.249%
82	19.969	2884	2887	2894	rVB2	540920	1126409	9.27%	0.861%
83	20.157	2916	2919	2924	rVB	1259667	1558832	12.82%	1.191%
84	20.257	2932	2936	2940	rBV	851343	1229454	10.11%	0.940%
85	20.316	2940	2946	2950	rBV2	821799	1570446	12.92%	1.200%
86	20.463	2968	2971	2975	rBV	364842	448971	3.69%	0.343%
87	20.510	2976	2979	2983	rVB	480337	628426	5.17%	0.480%
88	20.945	3051	3053	3059	rVB	701812	1035813	8.52%	0.792%
89	21.133	3081	3085	3089	rBV2	887867	1491075	12.27%	1.140%
90	21.174	3089	3092	3096	rVV	874907	1479556	12.17%	1.131%
91	21.222	3096	3100	3107	rVV3	1033631	2182449	17.95%	1.668%
92	21.298	3110	3113	3121	rVB	695657	1051539	8.65%	0.804%
93	21.457	3137	3140	3145	rVB	695291	855955	7.04%	0.654%
94	21.551	3150	3156	3163	rVV2	3991691	10516347	86.51%	8.037%
95	21.616	3163	3167	3178	rVB	3940844	6288454	51.73%	4.806%
96	21.769	3190	3193	3198	rVB	529606	731573	6.02%	0.559%
97	23.845	3538	3546	3553	rBV	2547862	7668397	63.08%	5.861%
98	24.663	3679	3685	3690	rBV	1012788	2269593	18.67%	1.735%
99	24.727	3691	3696	3705	rVB	1586770	3533802	29.07%	2.701%
100	24.874	3717	3721	3728	rVB	912487	2131736	17.54%	1.629%

Sum of corrected areas: 130841617

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
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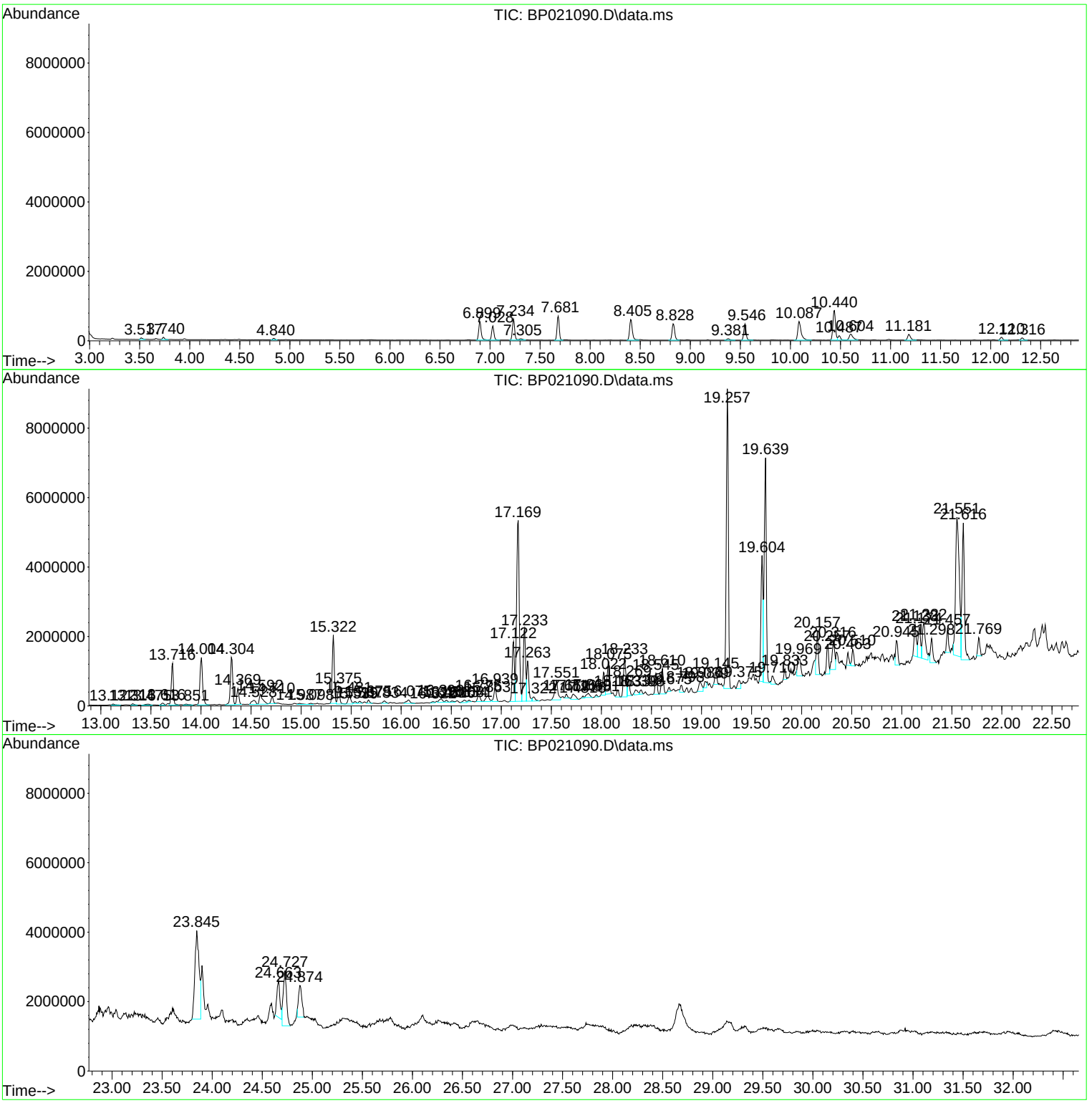
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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\BP072224\
Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

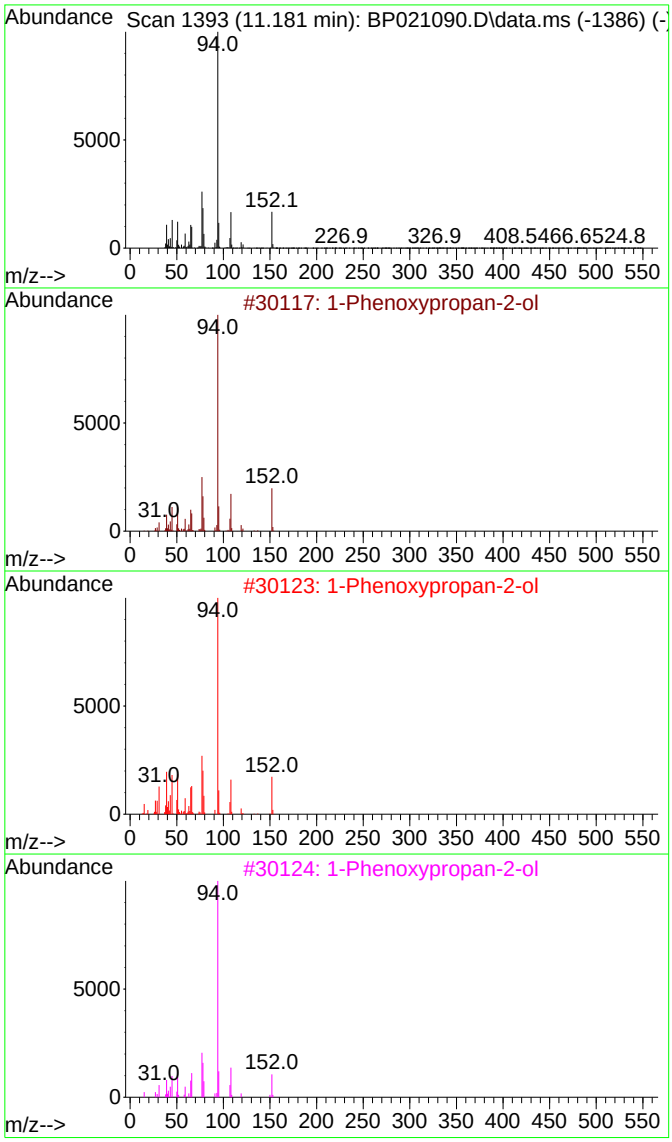
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

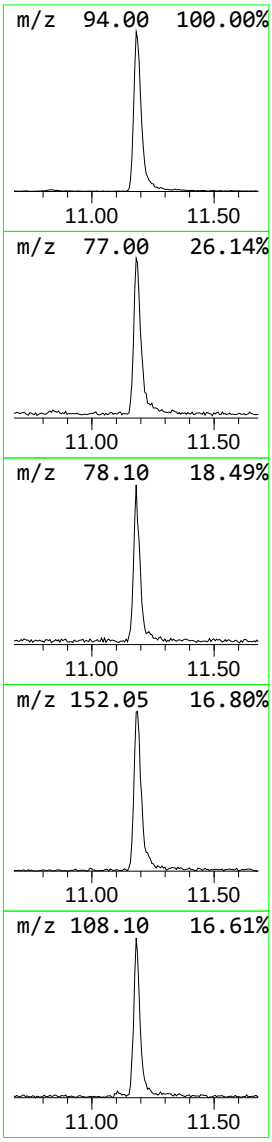
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	4.68 ng/ul	357497	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	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

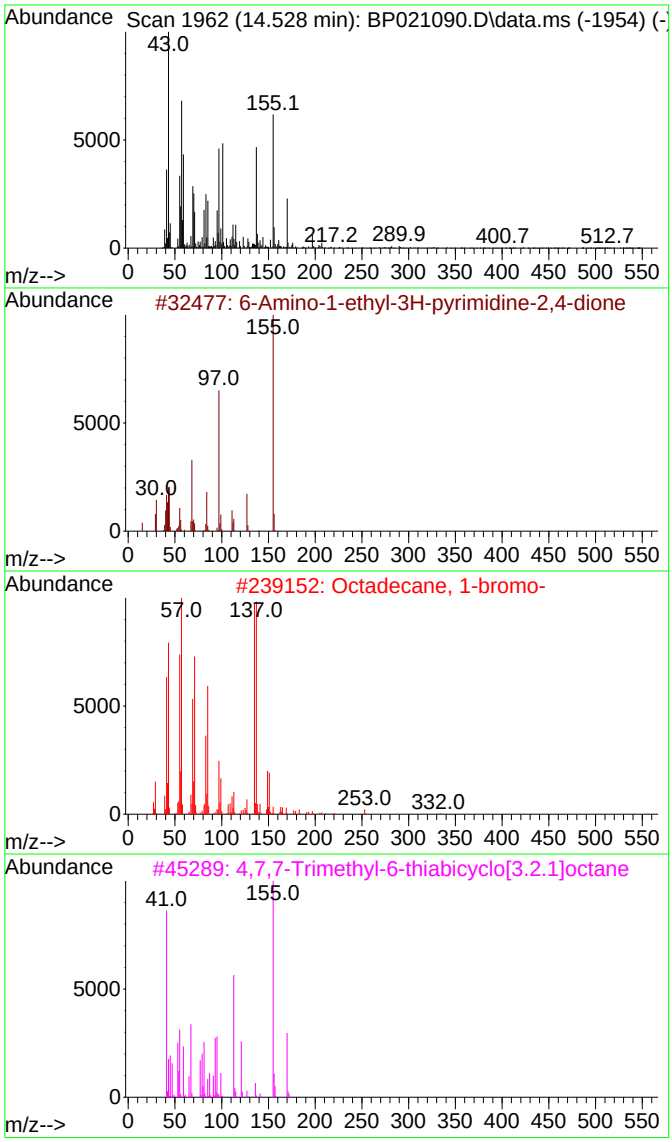
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

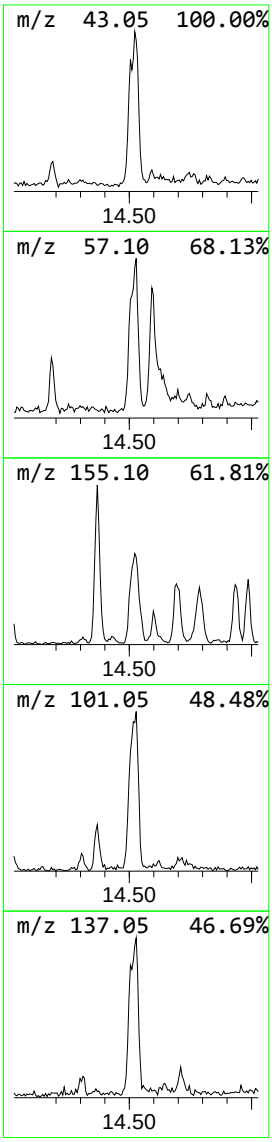
****

Peak Number 2 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.528	3.10 ng/ul	331982	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Amino-1-ethyl-3H-pyrimidine-2,...	155	C6H9N3O2	041862-09-3	22
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	18
3	4,7,7-Trimethyl-6-thiabicyclo[3....	170	C10H18S	1000306-33-5	18
4	10-Nonadecanone	282	C19H38O	000504-57-4	18
5	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

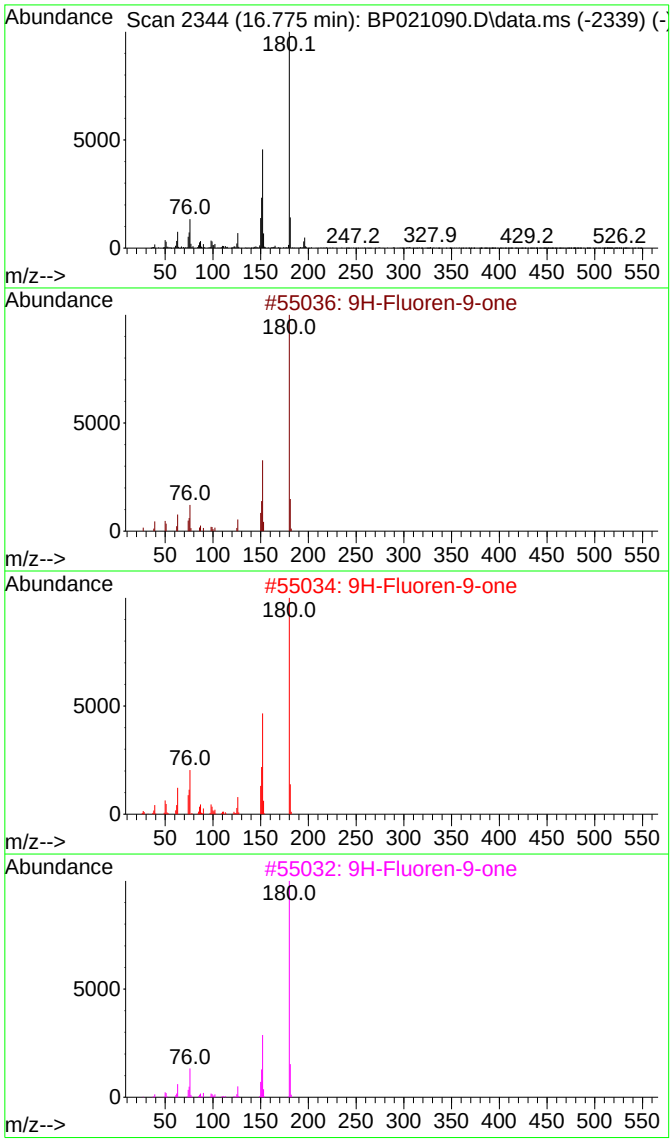
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

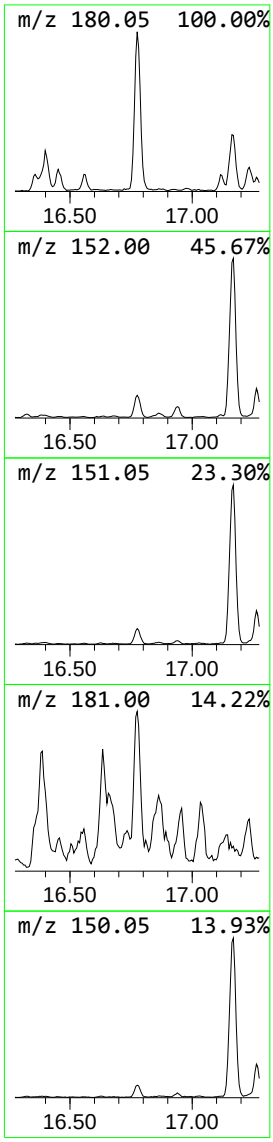
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	2.92 ng/ul	391018	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	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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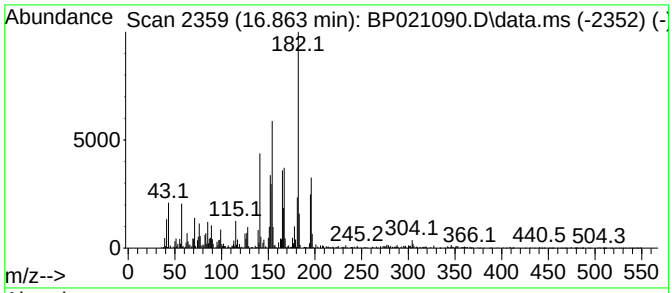
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

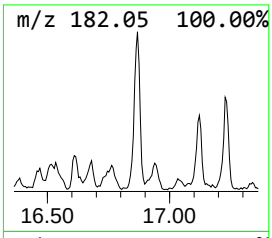
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

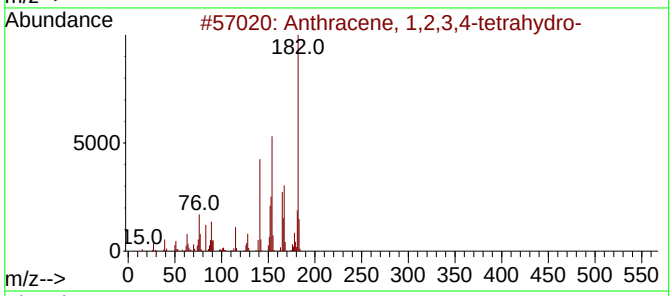
****
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

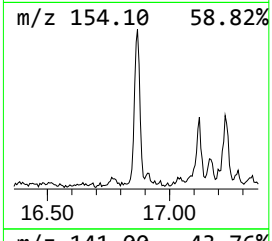
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	3.06 ng/ul	410951	Phenanthrene-d10	17.122

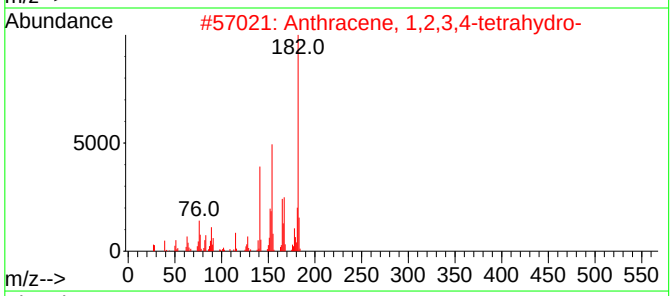
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	83
4	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	58
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50

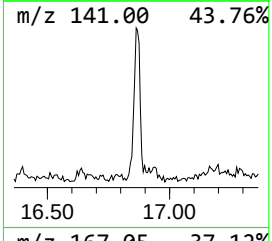


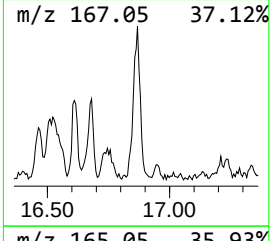


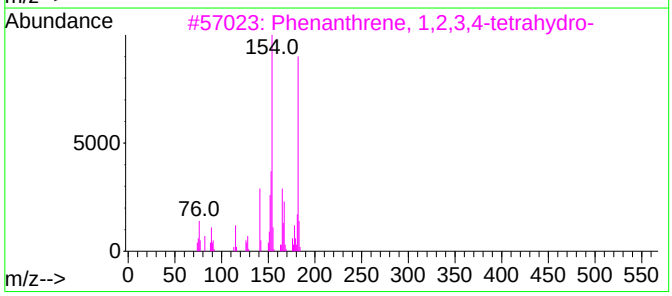


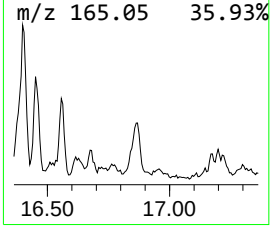












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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

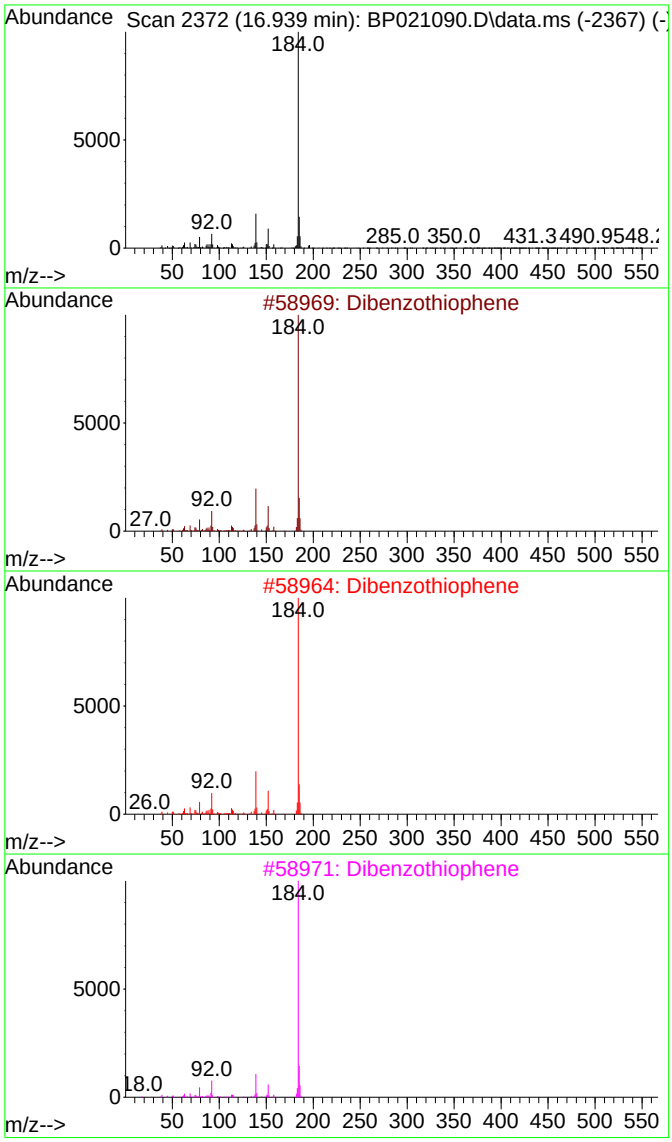
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

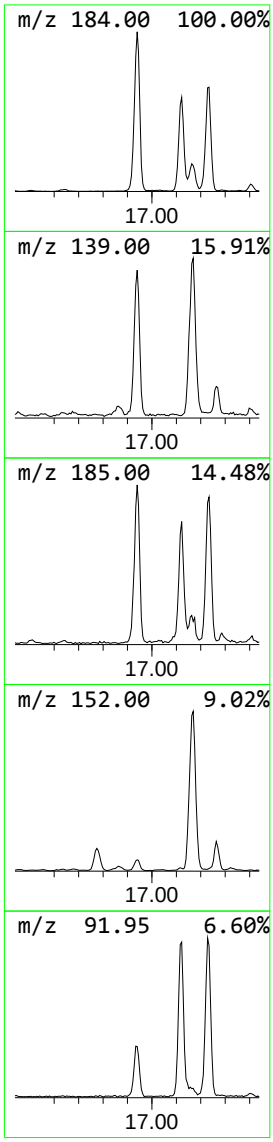
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	4.74 ng/ul	636281	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	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

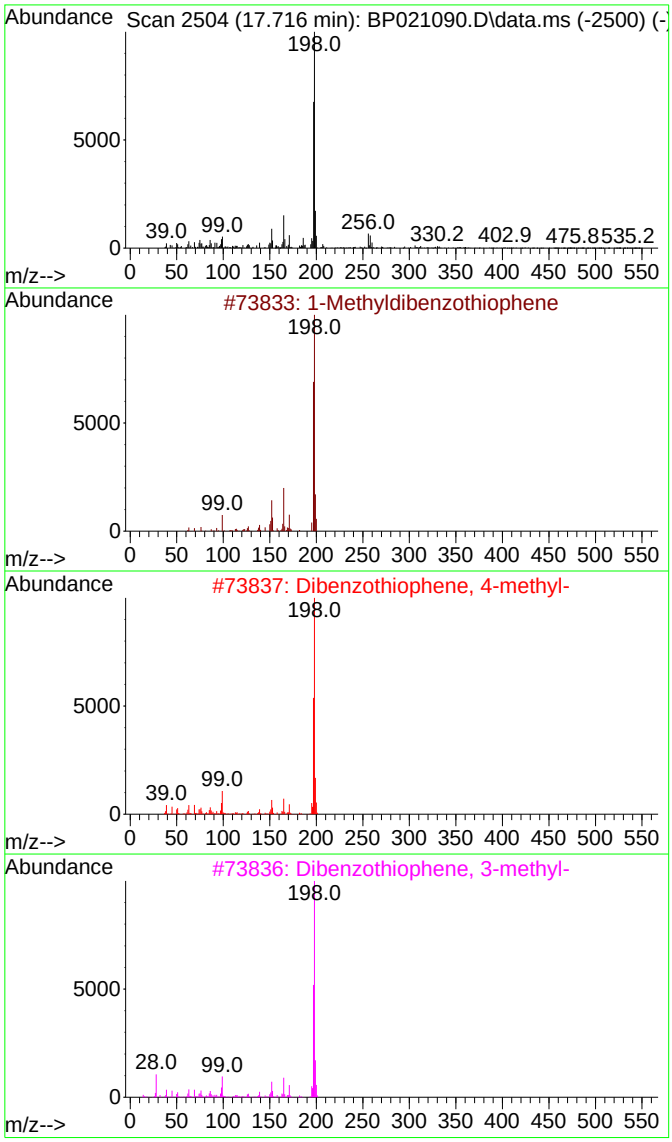
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

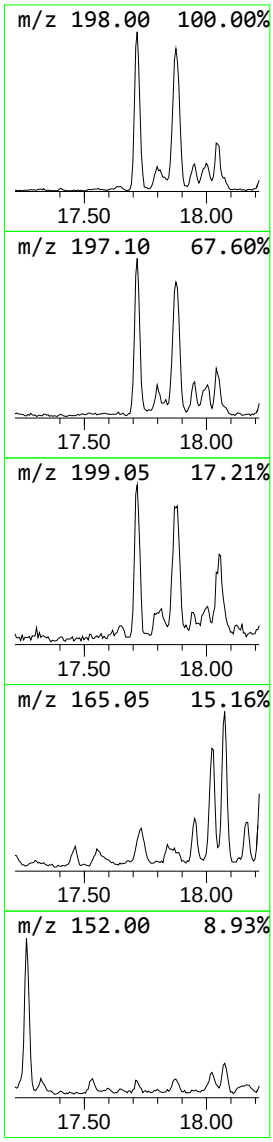
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	2.74 ng/ul	367240	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	83





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Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

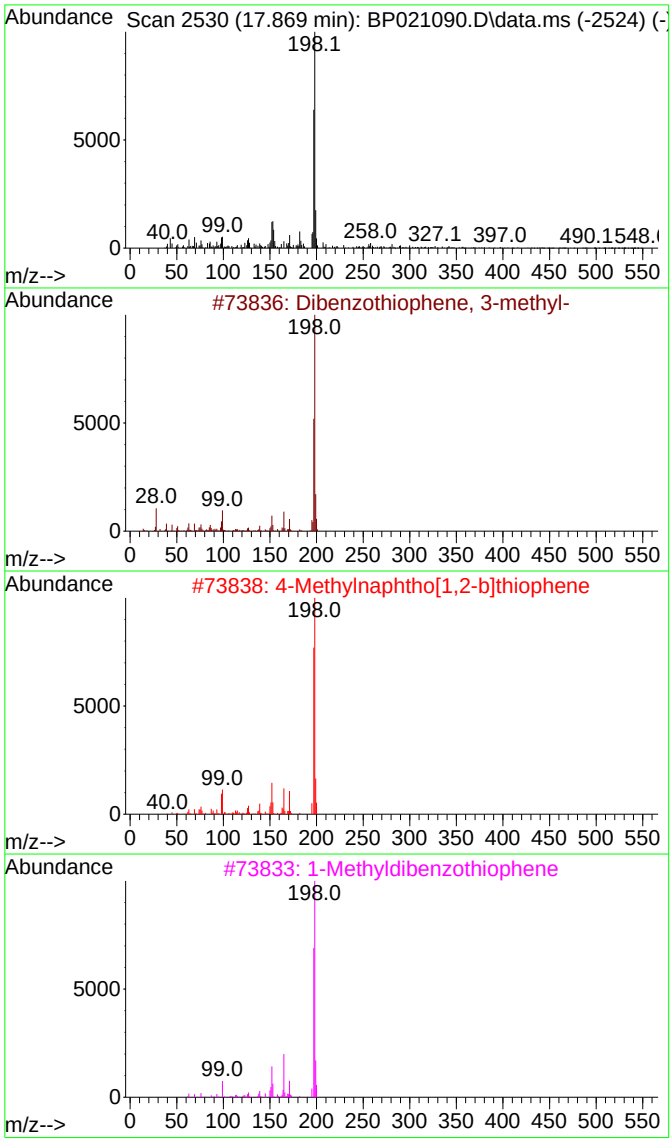
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

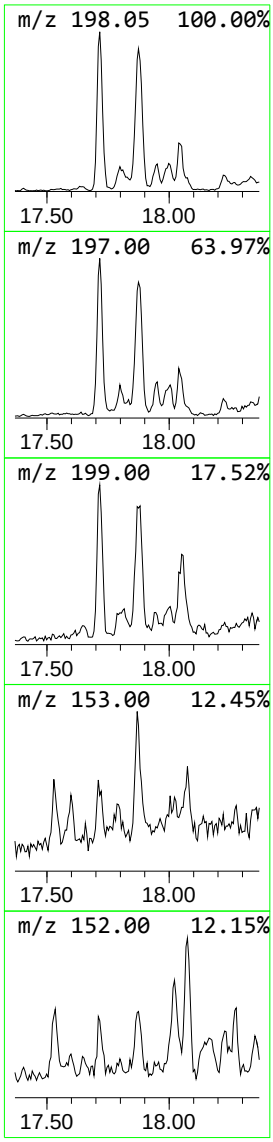
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.869	2.17 ng/ul	290556	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	86





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Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

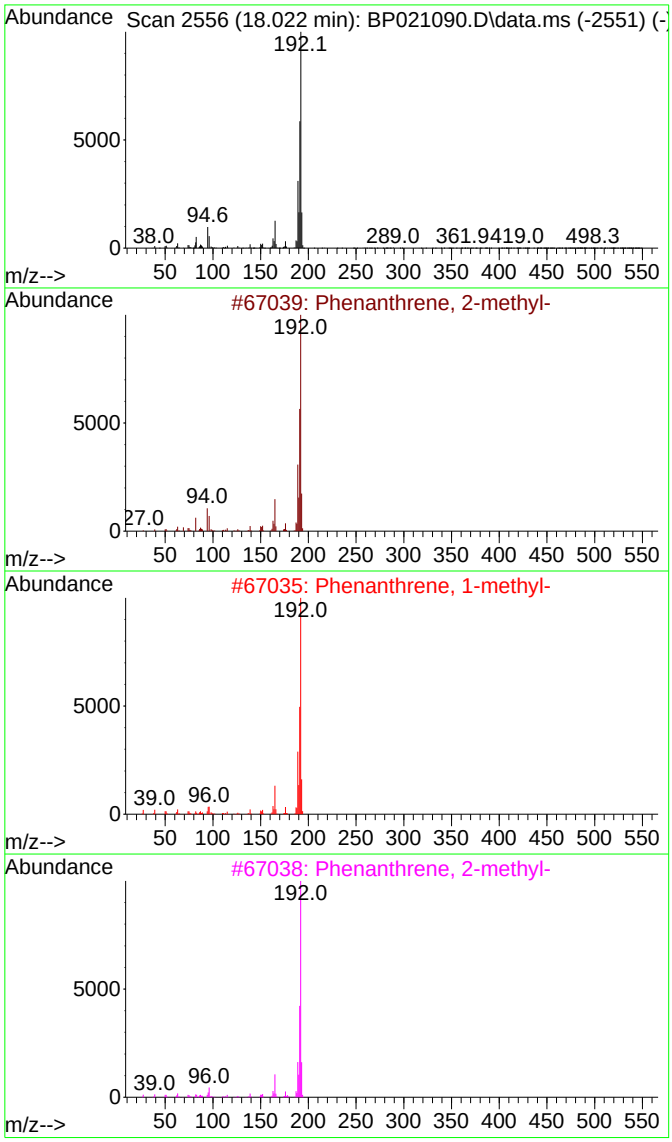
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

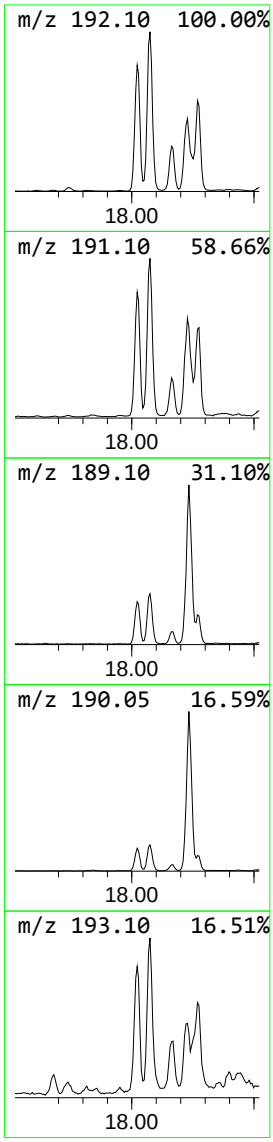
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	7.50 ng/ul	1005340	Phenanthrene-d10	17.122

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

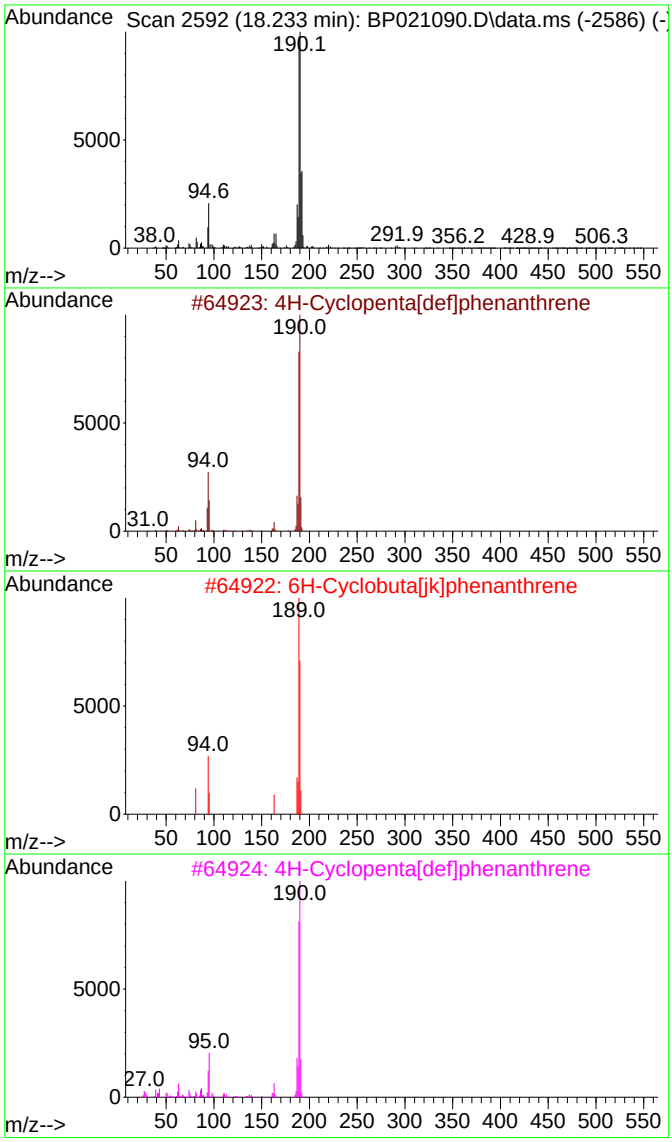
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

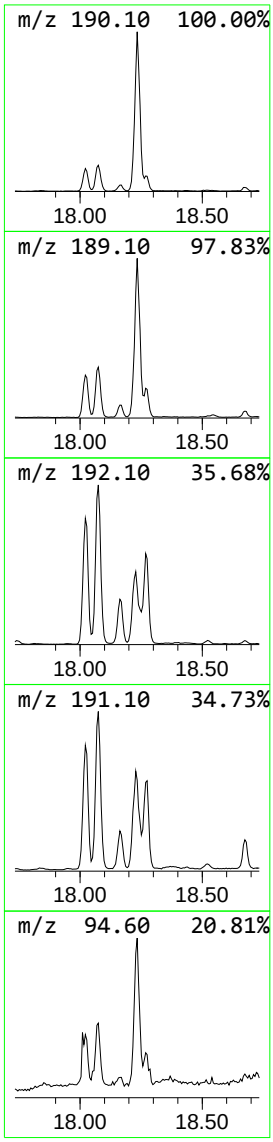
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	14.87 ng/ul	1994000	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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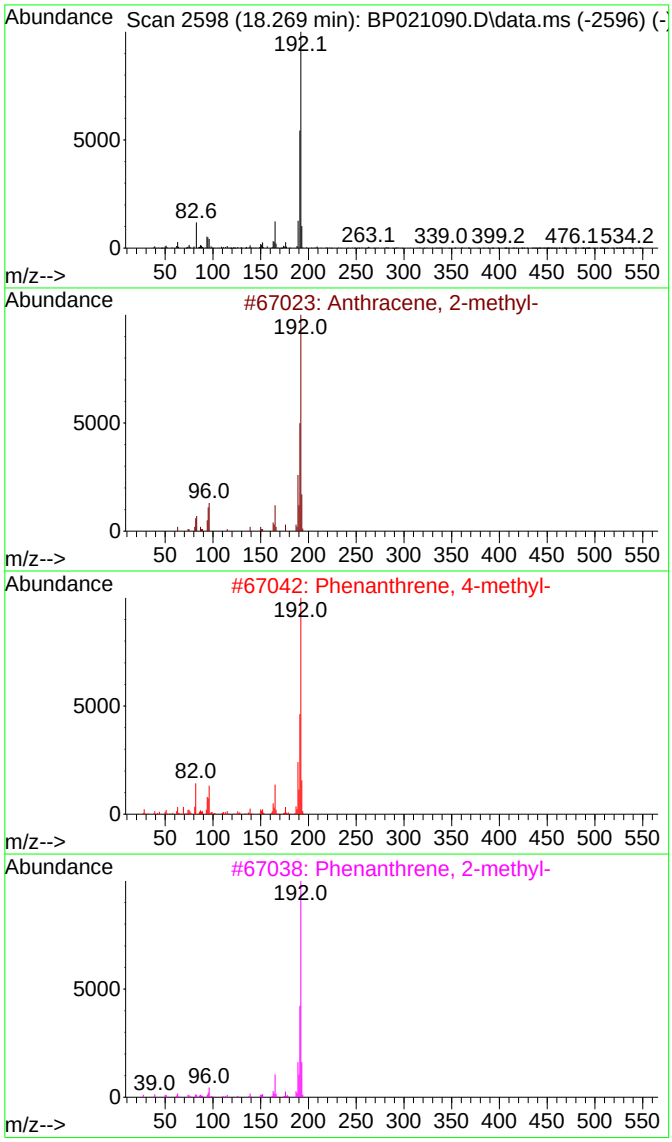
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

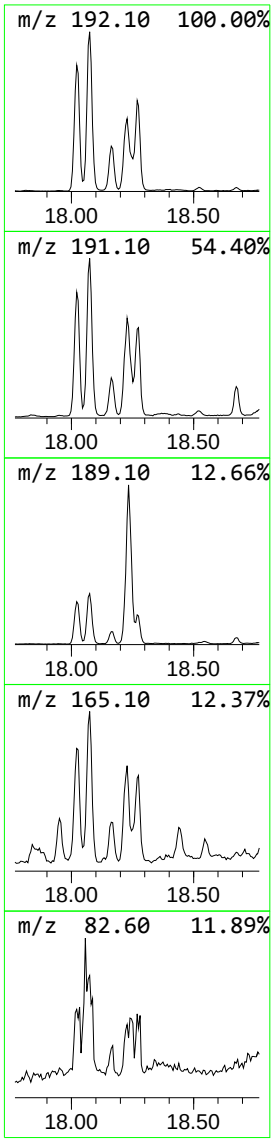
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.75 ng/ul	637562	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

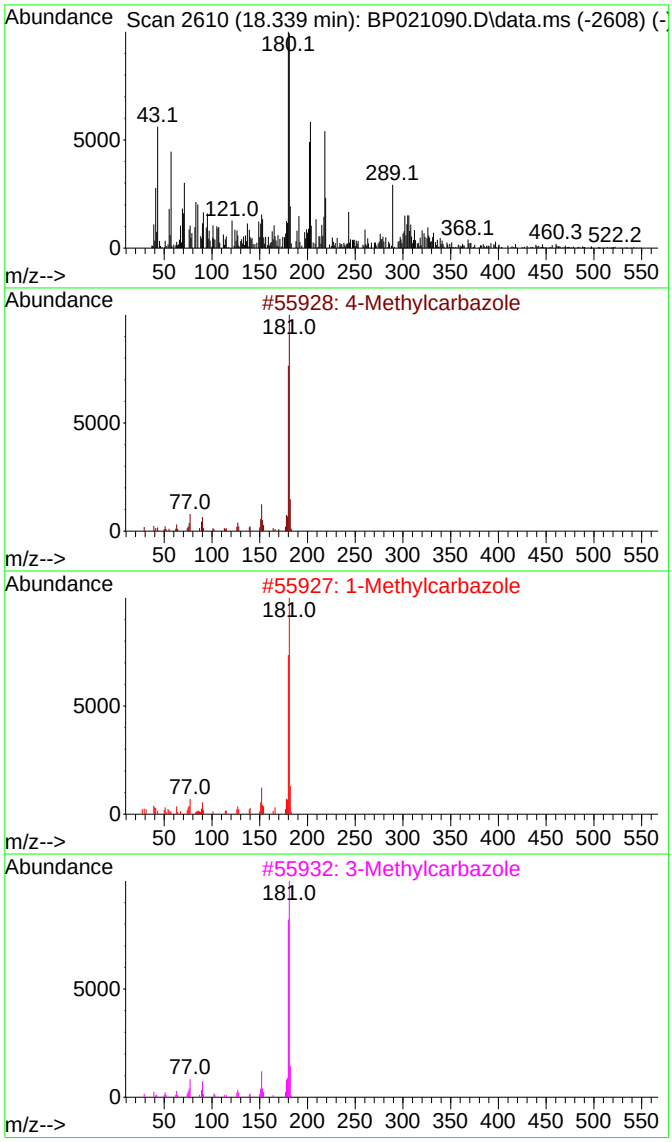
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

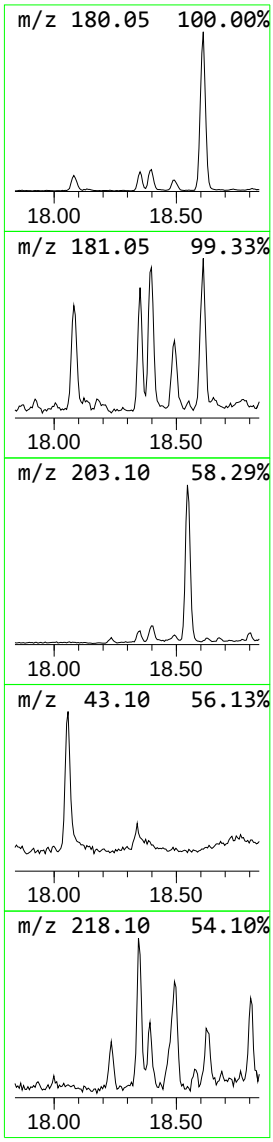
****

Peak Number 11 4-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	2.25 ng/ul	301683	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	83
2	1-Methylcarbazole	181	C13H11N	006510-65-2	83
3	3-Methylcarbazole	181	C13H11N	004630-20-0	60
4	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	59
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	46





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

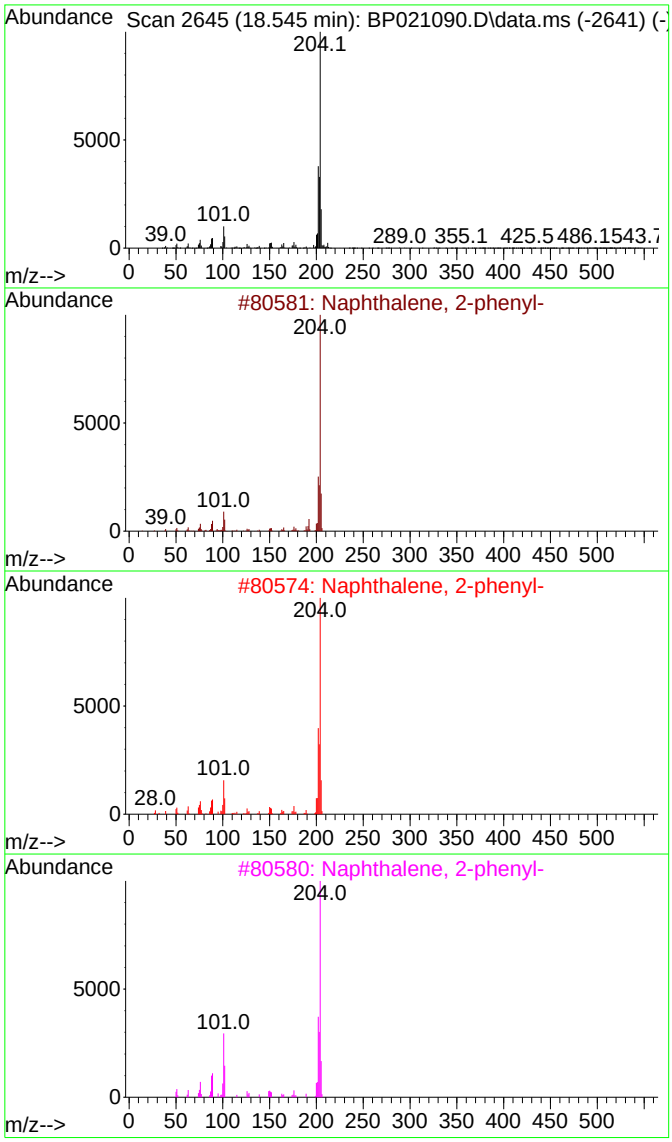
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

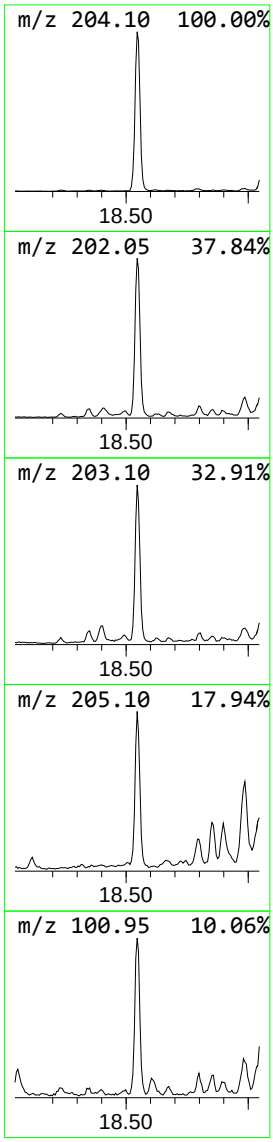
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	6.18 ng/ul	829374	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

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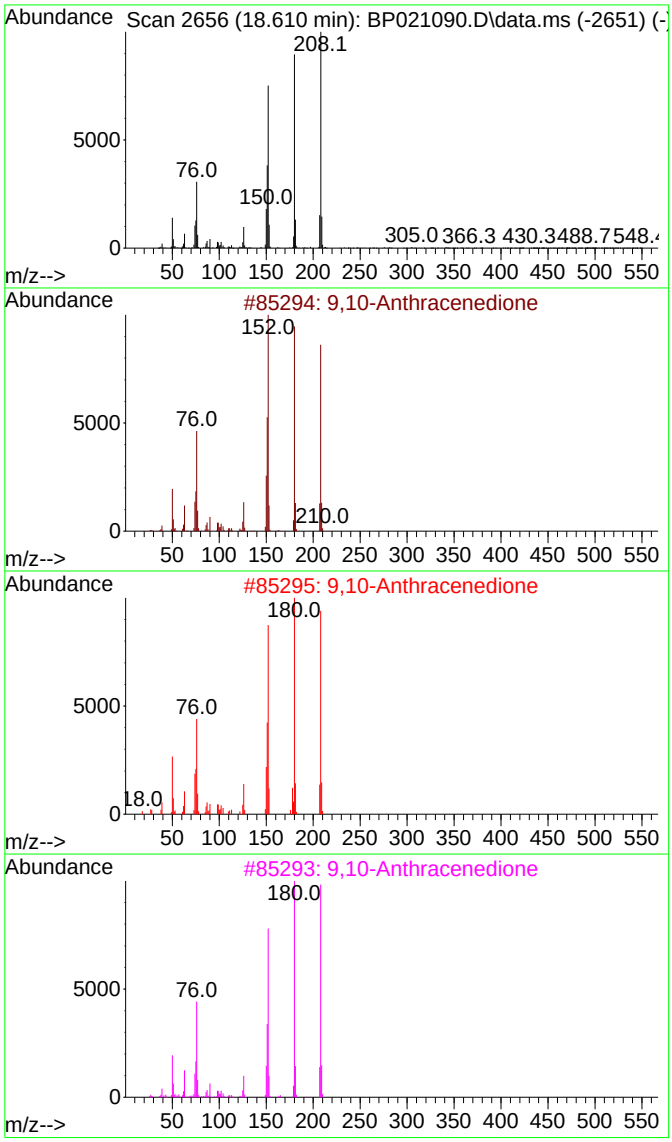
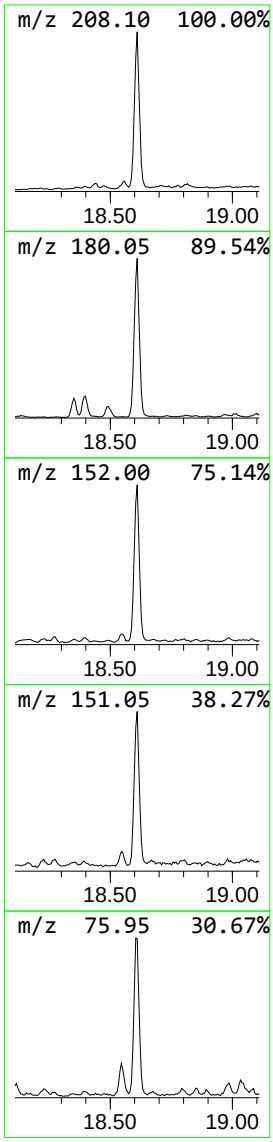
Peak Number 13 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	8.15 ng/ul	1093150	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	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

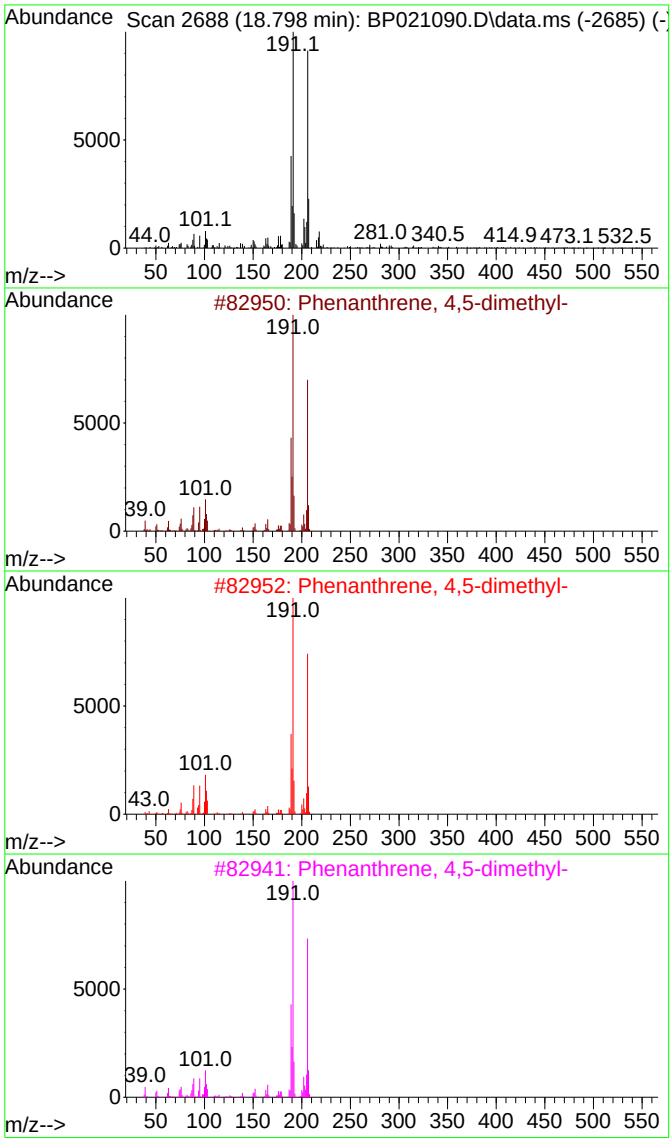
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

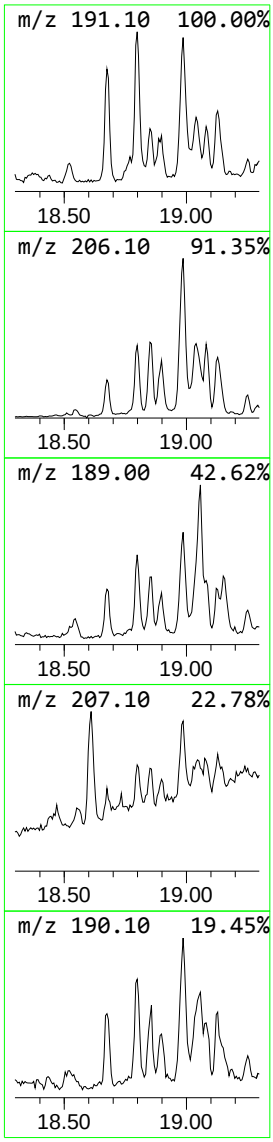
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	2.23 ng/ul	299054	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

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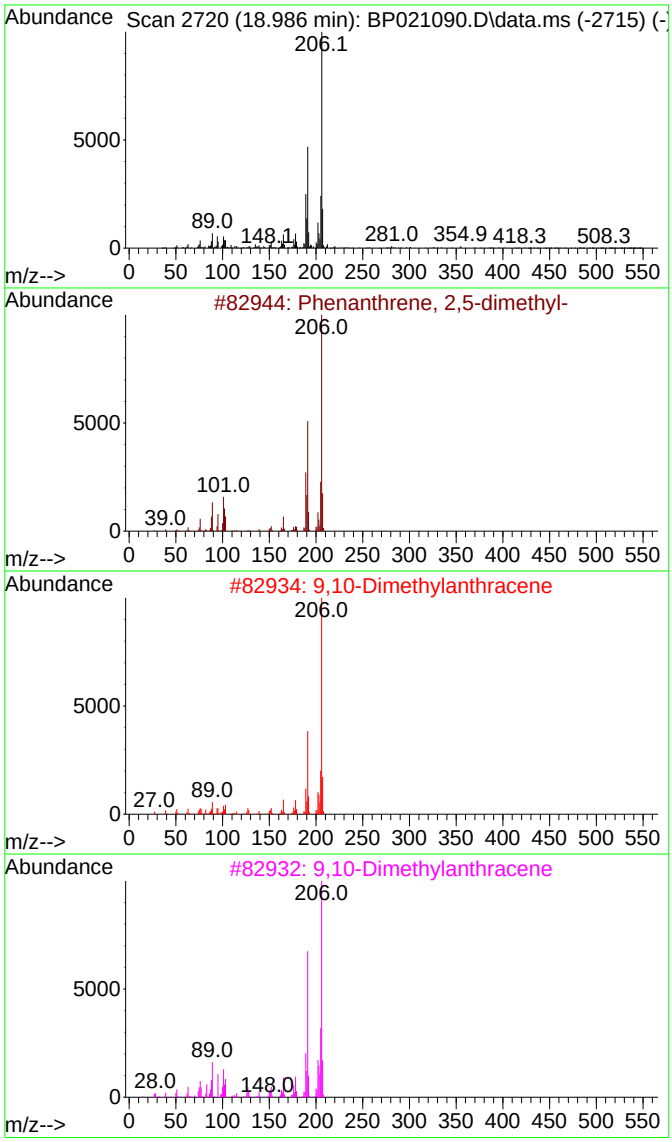
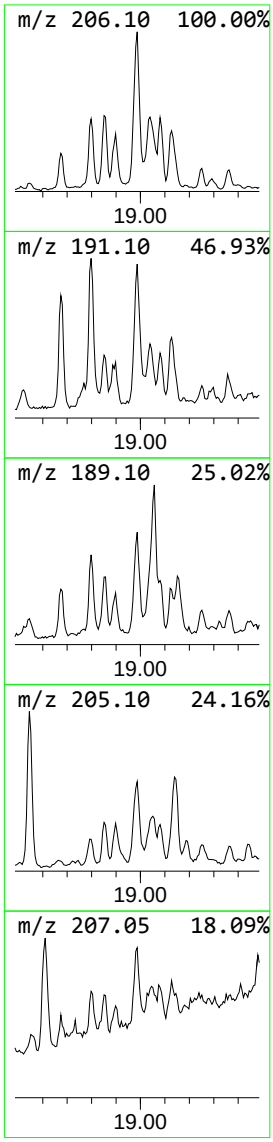
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	4.64 ng/ul	622679	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

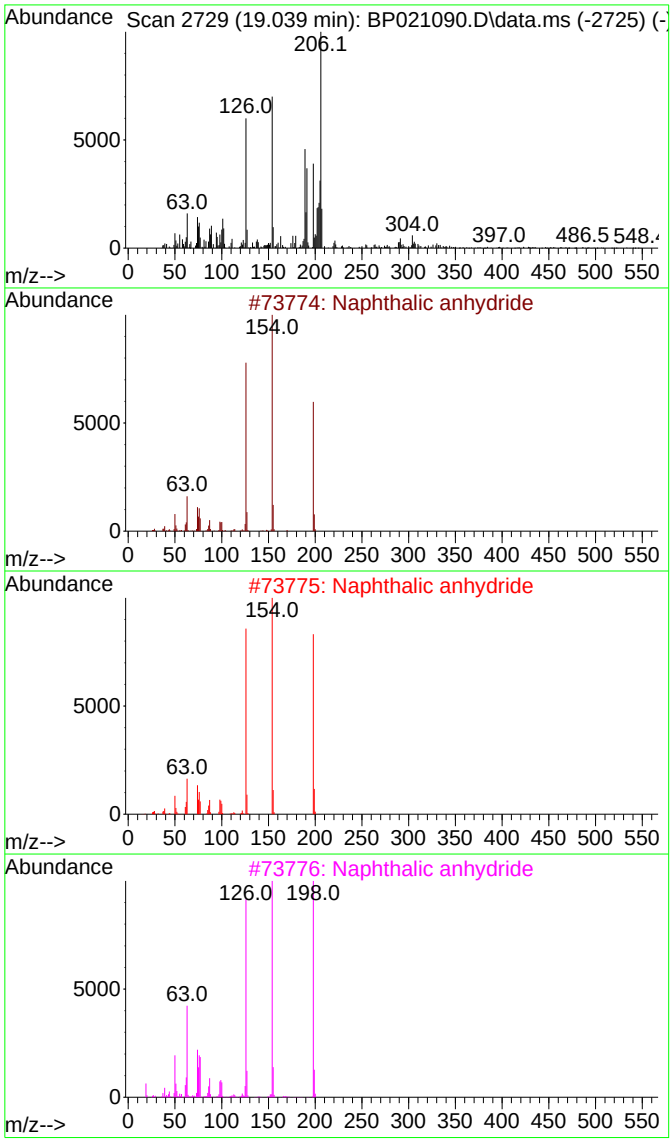
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

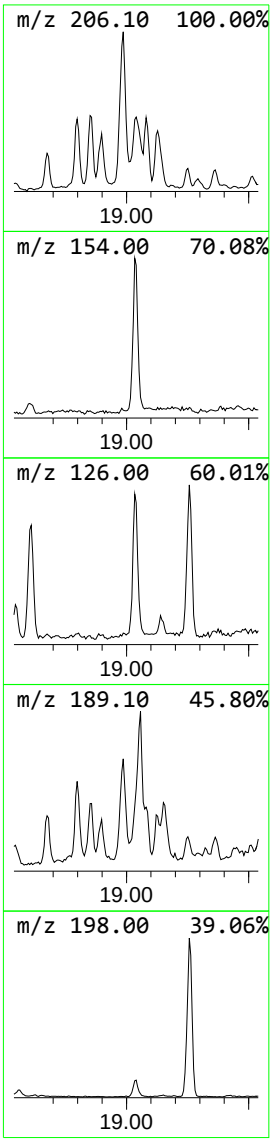
****

Peak Number 16 Naphthalic anhydride Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	2.11 ng/ul	283372	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	78
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	70
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	53
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	53
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	51





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Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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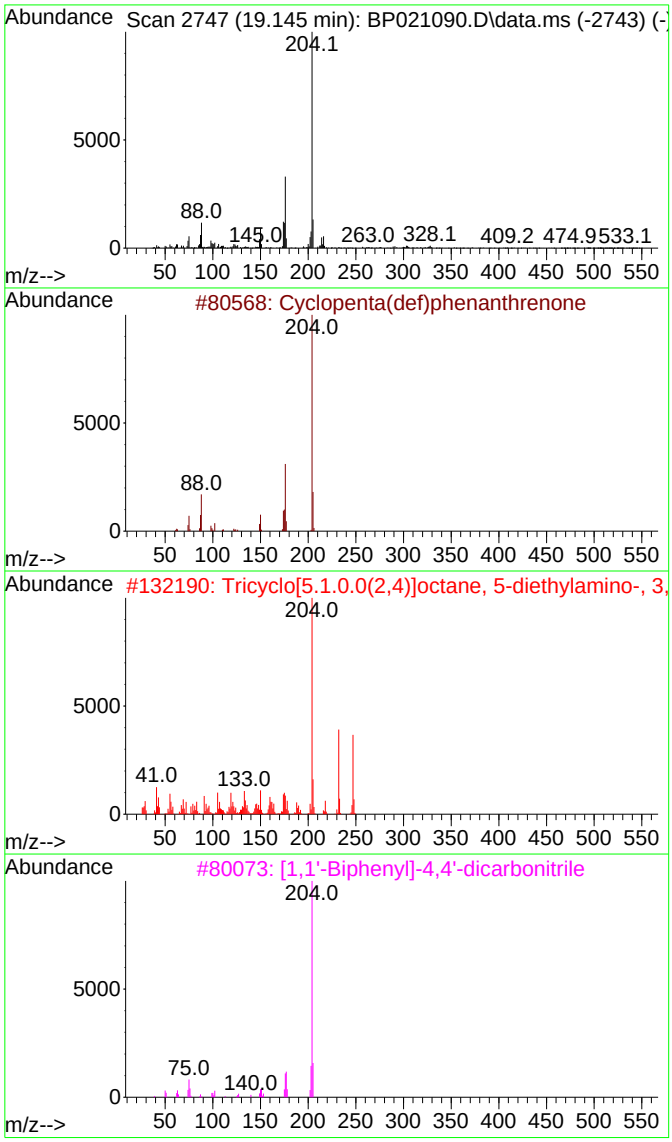
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

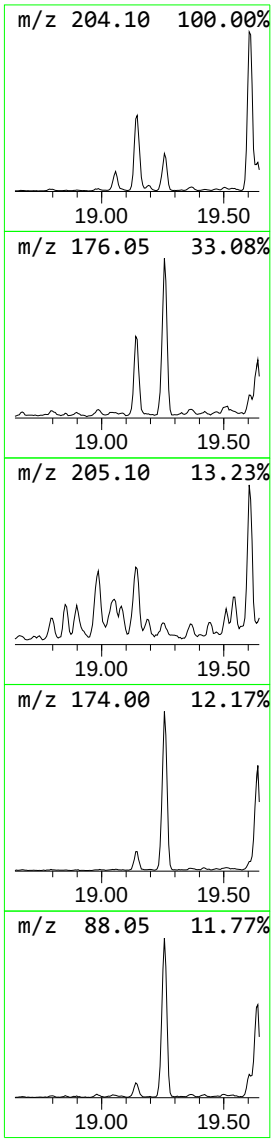
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	3.89 ng/ul	522264	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	49
5	dl-2-Benzylaminooctanol	235	C15H25NO	1000241-42-4	47





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

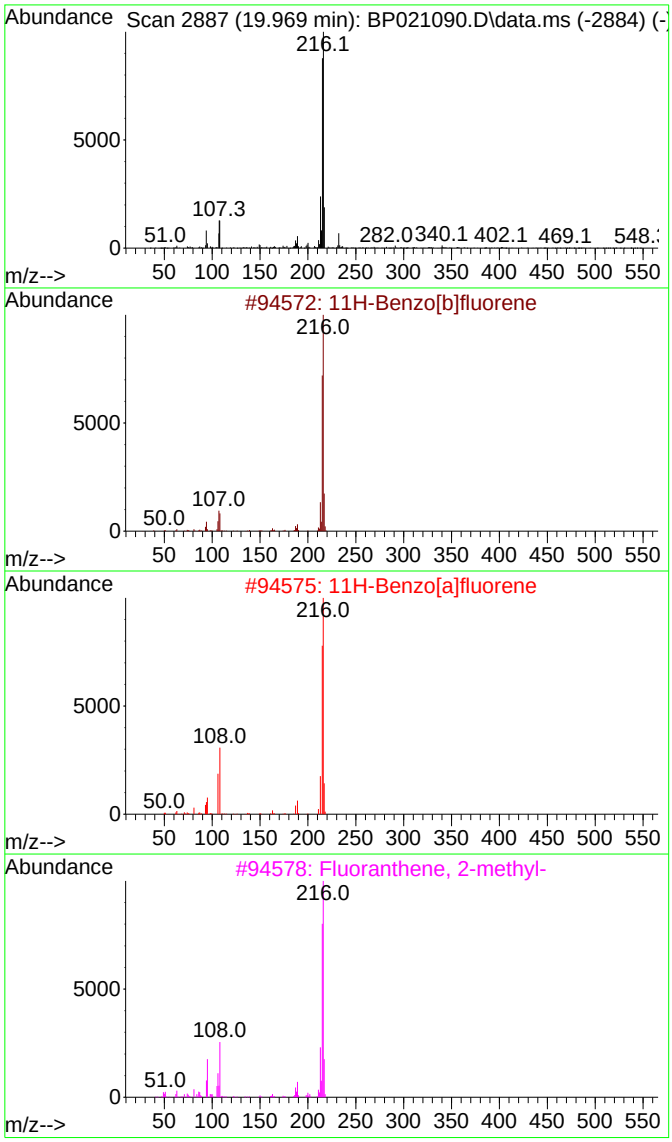
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

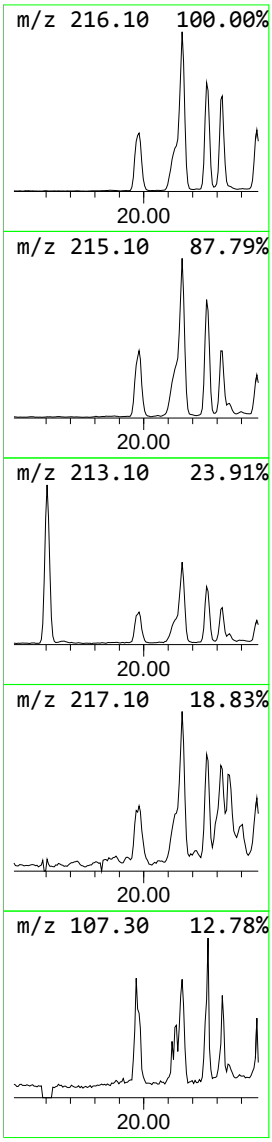
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.969	2.14 ng/ul	1126410	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

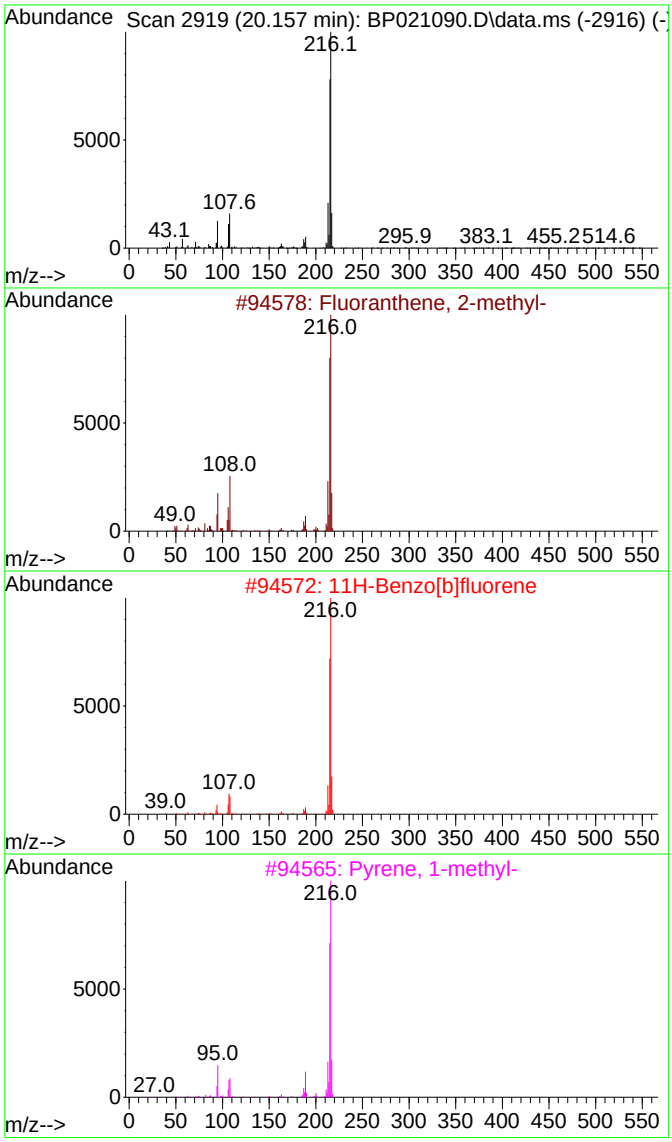
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

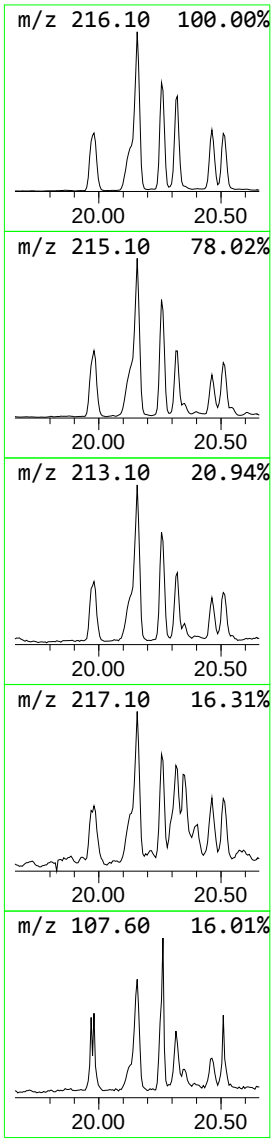
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	2.96 ng/ul	1558830	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

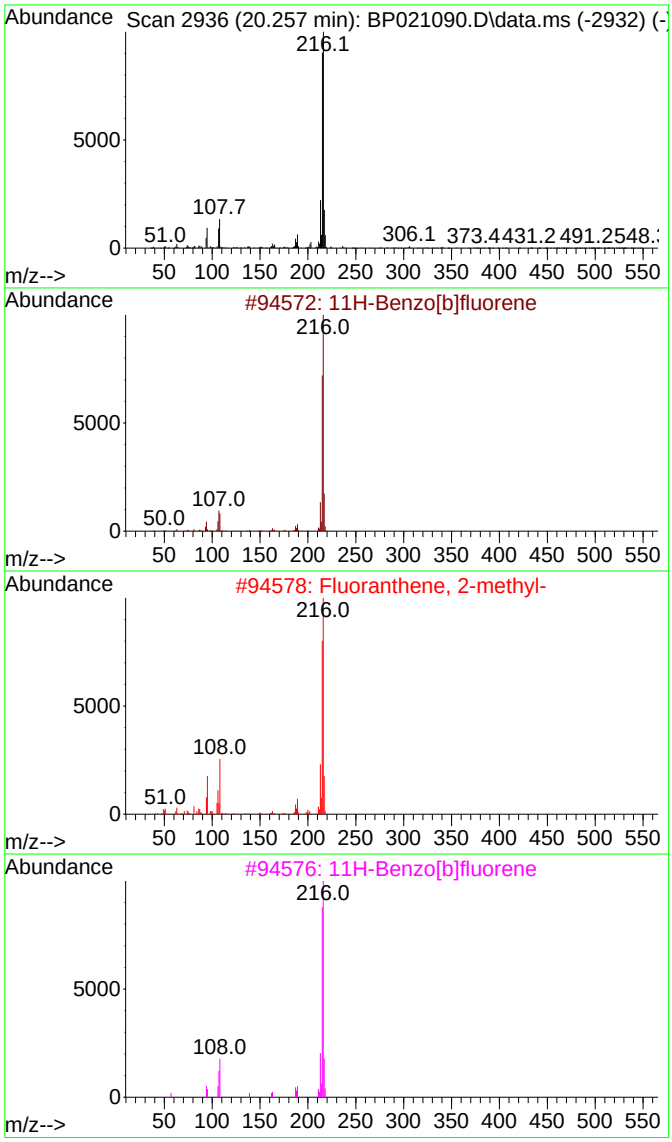
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

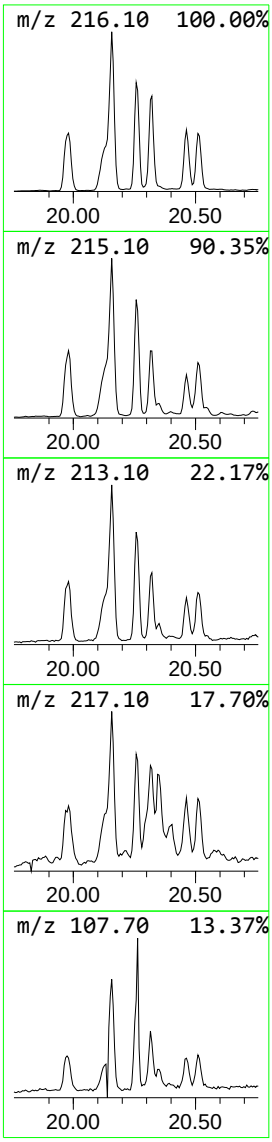
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	2.34 ng/ul	1229450	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

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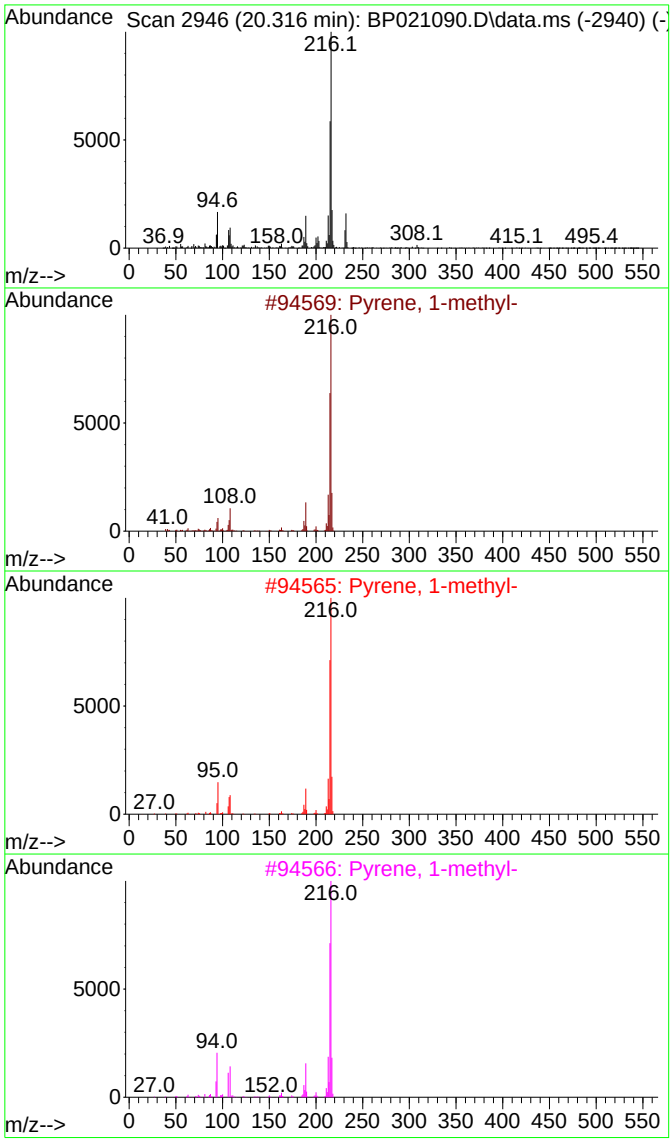
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

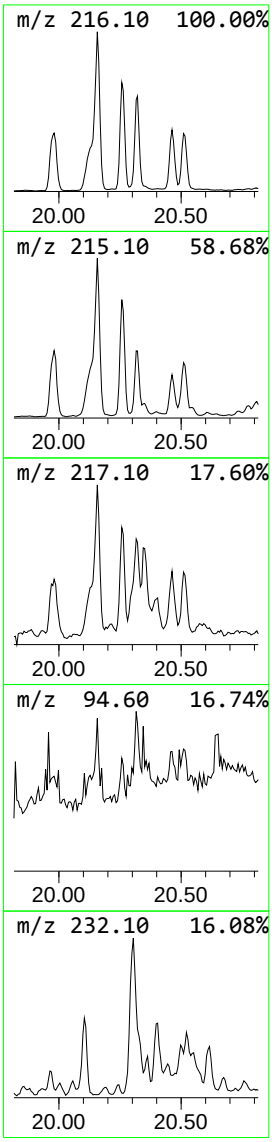
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	2.99 ng/ul	1570450	Chrysene-d12	21.569

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	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

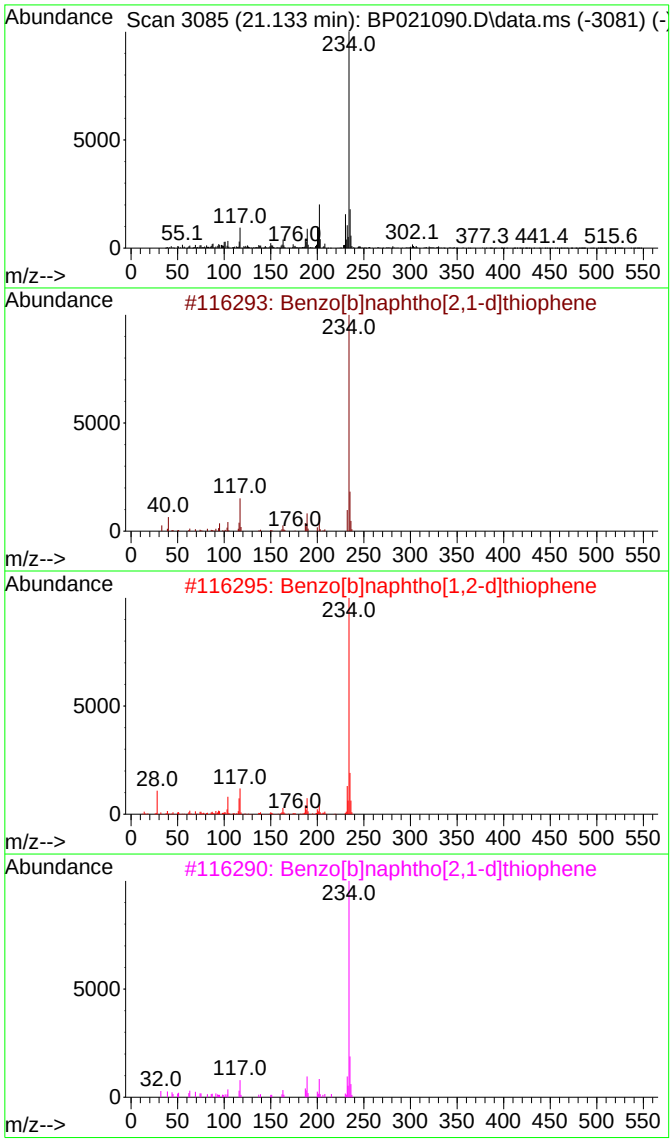
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

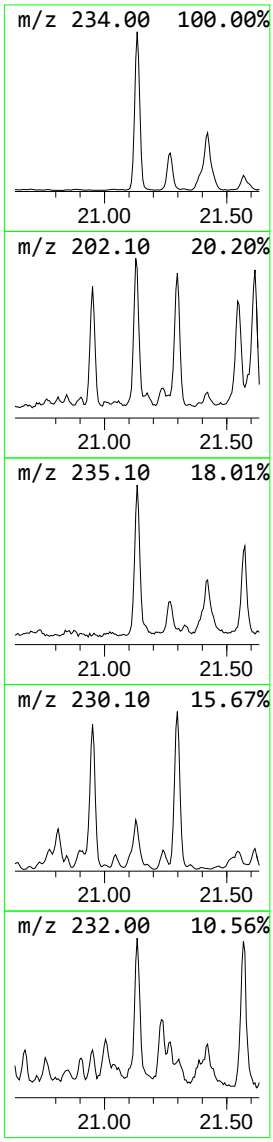
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.84 ng/ul	1491080	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	86
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE8

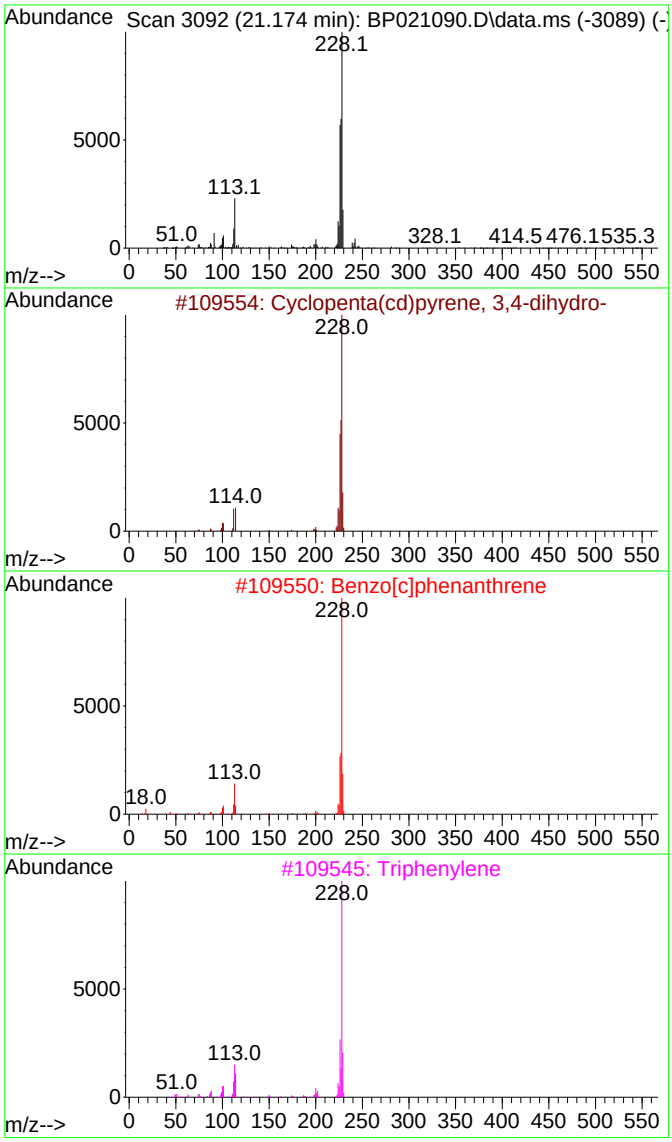
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

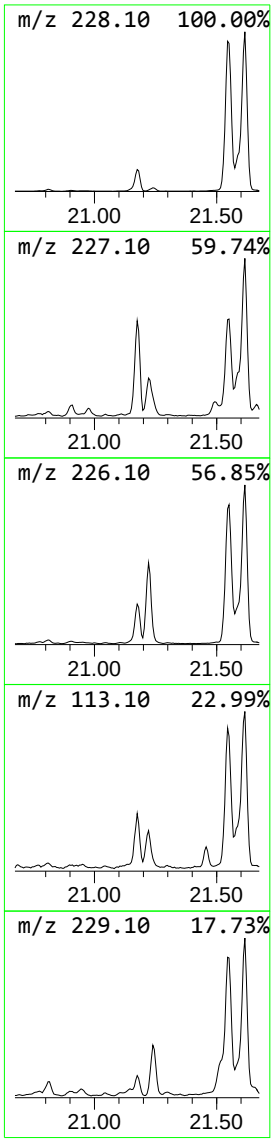
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	2.81 ng/ul	1479560	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	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
3	Triphenylene	228	C18H12	000217-59-4	55
4	Triphenylene	228	C18H12	000217-59-4	55
5	Chrysene	228	C18H12	000218-01-9	55





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Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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

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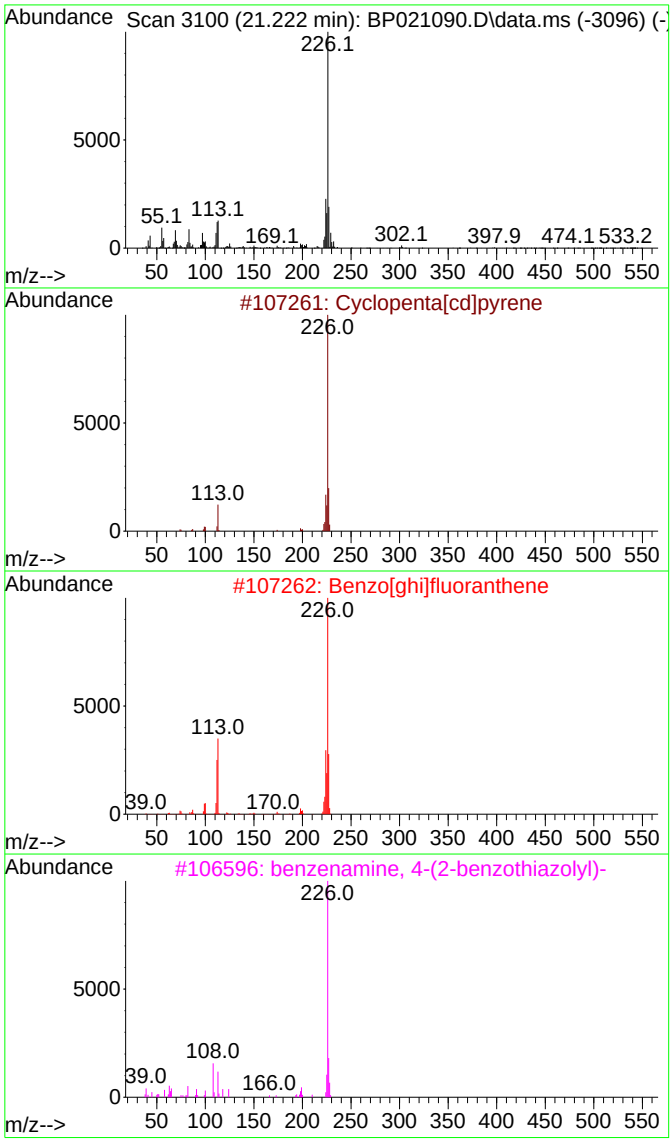
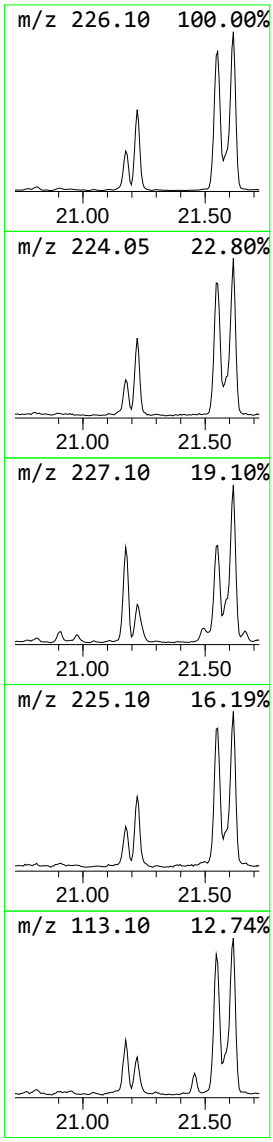
Peak Number 24 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	4.15 ng/ul	2182450	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
5	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021090.D
Acq On : 22 Jul 2024 16:12
Operator : MA/JU
Sample : P3238-05
Misc :
ALS Vial : 9 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	4.7	ng/ul	357497	2	10.440	1526510	20.0
unknown-01	14.528	3.1	ng/ul	331982	3	14.304	2141640	20.0
9H-Fluoren-9-one	16.775	2.9	ng/ul	391018	4	17.122	2682230	20.0
Anthracene, 1,2...	16.863	3.1	ng/ul	410951	4	17.122	2682230	20.0
Dibenzothiophene	16.939	4.7	ng/ul	636281	4	17.122	2682230	20.0
1-Methyldibenzo...	17.716	2.7	ng/ul	367240	4	17.122	2682230	20.0
Dibenzothiophen...	17.869	2.2	ng/ul	290556	4	17.122	2682230	20.0
Phenanthrene, 2...	18.022	7.5	ng/ul	1005340	4	17.122	2682230	20.0
4H-Cyclopenta[d...	18.233	14.9	ng/ul	1994000	4	17.122	2682230	20.0
Anthracene, 2-m...	18.269	4.8	ng/ul	637562	4	17.122	2682230	20.0
4-Methylcarbazole	18.339	2.3	ng/ul	301683	4	17.122	2682230	20.0
Naphthalene, 2-...	18.545	6.2	ng/ul	829374	4	17.122	2682230	20.0
9,10-Anthracene...	18.610	8.2	ng/ul	1093150	4	17.122	2682230	20.0
Phenanthrene, 4...	18.798	2.2	ng/ul	299054	4	17.122	2682230	20.0
Phenanthrene, 2...	18.986	4.6	ng/ul	622679	4	17.122	2682230	20.0
Naphthalic anhy...	19.039	2.1	ng/ul	283372	4	17.122	2682230	20.0
Cyclopenta(def)...	19.145	3.9	ng/ul	522264	4	17.122	2682230	20.0
11H-Benzo[b]flu...	19.969	2.1	ng/ul	1126410	5	21.569	10516300	20.0
Fluoranthene, 2...	20.157	3.0	ng/ul	1558830	5	21.569	10516300	20.0
11H-Benzo[a]flu...	20.257	2.3	ng/ul	1229450	5	21.569	10516300	20.0
Pyrene, 1-methyl-	20.316	3.0	ng/ul	1570450	5	21.569	10516300	20.0
Benzo[b]naphtho...	21.133	2.8	ng/ul	1491080	5	21.569	10516300	20.0
Cyclopenta(cd)p...	21.174	2.8	ng/ul	1479560	5	21.569	10516300	20.0
Cyclopenta[cd]p...	21.221	4.2	ng/ul	2182450	5	21.569	10516300	20.0