LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BF6

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: BP021079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	38	42	48	rVB	23693	33625	0.81%	0.071%
2	3.522	87	91	103	rBV	22216	43783	1.05%	0.092%
3	3.646	109	112	114	rBV3	9592	10602	0.25%	0.022%
4	3.669	114	116	124	rVV	25612	44582	1.07%	0.094%
5	3.746	125	129	136	rVB	58053	74659	1.79%	0.157%
6	3.958	161	165	170	rVB	13921	22808	0.55%	0.048%
7	4.499	253	257	265	rVB3	13731	20698	0.50%	0.043%
8	4.846	312	316	326	rVB	39598	61722	1.48%	0.129%
9	4.964	331	336	343	rVB5	6903	14654	0.35%	0.031%
10	6.787	640	646	651	rVB5	8582	16003	0.38%	0.034%
11	6.899	656	665	681	rBV	308694	658600	15.79%	1.382%
12	7.034	682	688	702	rVB	291515	469942	11.27%	0.986%
13	7.234	714	722	734	rBV	377334	668626	16.03%	1.403%
14	7.328	734	738	745	rVB3	10173	24477	0.59%	0.051%
15	7.687	791	799	810	rBV	548051	890874	21.36%	1.869%
16	7.769	810	813	821	rVB8	7329	15187	0.36%	0.032%
17	8.405	913	921	936	rBV	371390	763116	18.30%	1.601%
18	8.510	936	939	945	rVB3	10592	20086	0.48%	0.042%
19	8.840	986	995	1005	rBV	322853	616613	14.79%	1.294%
20	8.975	1015	1018	1026	rVB9	6221	11939	0.29%	0.025%
21	9.387	1083	1088	1097	rBV2	33707	60070	1.44%	0.126%
22	9.546	1106	1115	1127	rBV	269287	541177	12.98%	1.135%
23	10.099	1198	1209	1224	rBV	402056	818335	19.62%	1.717%
24	10.440	1260	1267	1273	rBV	786784	1244661	29.85%	2.611%
25	10.487	1273	1275	1285	rVB	29723	50508	1.21%	0.106%
26	10.599	1285	1294	1310	rBV	273084	571648	13.71%	1.199%
27	10.993	1353	1361	1370	rBV	8025	23020	0.55%	0.048%
28	11.199	1389	1396	1407	rBV	73820	183428	4.40%	0.385%
29	11.893	1507	1514	1521	rBV7	12187	30045	0.72%	0.063%
30	12.022	1531	1536	1543	rVB5	7971	14246	0.34%	0.030%
31	12.098	1543	1549	1560	rVB2	11919	28255	0.68%	0.059%
32	12.322	1582	1587	1593	rVV	14266	24624	0.59%	0.052%
33	13.122	1719	1723	1729	rVB2	5299	10111	0.24%	0.021%
34	13.469	1774	1782	1786	rBV8	9431	26097	0.63%	0.055%
35	13.616	1799	1807	1811	rBV4	13960	28710	0.69%	0.060%
36	13.704	1812	1822	1835	rBV	713870	1162798	27.89%	2.440%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

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	13.845	1843	1846	1849	rBV3	8684	10816	0.26%	0.023%
38	13.981	1859	1869	1885	rBV	866955	1506443	36.13%	3.161%
39	14.292	1915	1922	1928	rBV	1150727	1669163	40.03%	3.502%
40	14.363	1928	1934	1942	rVB	95804	181395	4.35%	0.381%
41	14.516	1953	1960	1968	rBV2	51644	117669	2.82%	0.247%
42	14.604	1968	1975	1982	rBV2	180136	402356	9.65%	0.844%
43	14.710	1988	1993	1998	rBV	50464	85945	2.06%	0.180%
44	14.928	2025	2030	2036	rBV8	10880	21418	0.51%	0.045%
45	14.992	2036	2041	2046	rBV9	10073	20360	0.49%	0.043%
46	15.098	2052	2059	2062	rBV8	15569	32292	0.77%	0.068%
47	15.134	2062	2065	2070	rVB7	12526	17830	0.43%	0.037%
48	15.257	2081	2086	2088	rBV6	6084	11433	0.27%	0.024%
49	15.310	2088	2095	2101	rVV	1066237	1817283	43.58%	3.813%
50	15.369	2101	2105	2114	rVB	106207	215596	5.17%	0.452%
51	15.475	2118	2123	2130	rBV2	215735	352610	8.46%	0.740%
52	15.534	2130	2133	2137	rVB2	14700	22246	0.53%	0.047%
53	15.622	2145	2148	2151	rVB5	8817	11213	0.27%	0.024%
54	15.686	2152	2159	2171	rVV4	33467	82016	1.97%	0.172%
55	15.816	2177	2181	2189	rVB	34983	66830	1.60%	0.140%
56	15.886	2189	2193	2204	rVB9	13875	38414	0.92%	0.081%
57	16.045	2214	2220	2221	rBV6	15280	26141	0.63%	0.055%
58	16.198	2242	2246	2250	rBV6	9579	14982	0.36%	0.031%
59	16.375	2270	2276	2279	rBV	44877	82425	1.98%	0.173%
60	16.451	2284	2289	2293	rBV2	19569	28745	0.69%	0.060%
61	16.498	2294	2297	2300	rBV5	12083	17931	0.43%	0.038%
62	16.634	2316	2320	2323	rBV3	16460	20612	0.49%	0.043%
63	16.669	2323	2326	2333	rVB4	25809	46313	1.11%	0.097%
64	16.763	2337	2342	2348	rBV	68636	103153	2.47%	0.216%
65	16.851	2351	2357	2361	rVV4	41989	71237	1.71%	0.149%
66	16.922	2364	2369	2377	rVB	96019	162928	3.91%	0.342%
67	17.016	2382	2385	2388	rVB5	13877	18183	0.44%	0.038%
68	17.116	2395	2402	2405	rBV	1422437	2064129	49.50%	4.331%
69	17.157	2405	2409	2414	rVV	1925846	2798927	67.12%	5.872%
70	17.210	2414	2418	2422	rVV	1299230	1970917	47.27%	4.135%
71	17.245	2422	2424	2429	rVB	293173	415149	9.96%	0.871%
72	17.522	2466	2471	2472	rBV	38297	50723	1.22%	0.106%
73	17.551	2472	2476	2484	rVB	138273	234593	5.63%	0.492%
74	17.651	2490	2493	2499	rBV3	37712	49457	1.19%	0.104%
75	17.722	2501	2505	2512	rVB3	55059	99512	2.39%	0.209%
76	18.028	2551	2557	2561	rBV2	324671	608116	14.58%	1.276%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

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	18.069	2561	2564	2569	rVB	323036	454915	10.91%	0.954%
78	18.151	2574	2578	2583	rVV	92766	148951	3.57%	0.313%
79	18.222	2584	2590	2594	rVV3	330099	615204	14.75%	1.291%
80	18.263	2594	2597	2605	rVB	148818	243421	5.84%	0.511%
81	18.539	2640	2644	2650	rBV	159344	232716	5.58%	0.488%
82	18.598	2650	2654	2662	rVB	202193	287203	6.89%	0.603%
83	18.804	2685	2689	2693	rBV2	50928	75423	1.81%	0.158%
84	18.975	2714	2718	2722	rBV	107624	164153	3.94%	0.344%
85	19.257	2760	2766	2771	rVB	2926924	4169898	100.00%	8.749%
86	19.610	2820	2826	2828	rBV	2138528	3129704	75.05%	6.566%
87	19.633	2828	2830	2838	rVV	1999658	2789963	66.91%	5.853%
88	19.704	2840	2842	2849	rVB2	131137	187846	4.50%	0.394%
89	19.975	2884	2888	2889	rBV2	165324	199156	4.78%	0.418%
90	20.151	2915	2918	2924	rVB2	306610	499310	11.97%	1.048%
91	20.263	2934	2937	2941	rBV	246144	306815	7.36%	0.644%
92	20.957	3052	3055	3061	rVB	251478	358598	8.60%	0.752%
93	21.133	3082	3085	3089	rBV2	245133	341102	8.18%	0.716%
94	21.174	3089	3092	3096	rVV	200957	303716	7.28%	0.637%
95	21.216	3096	3099	3108	rVB3	411770	712602	17.09%	1.495%
96	21.610	3163	3166	3180	rVB	1383654	2404187	57.66%	5.044%
97	22.316	3283	3286	3292	rVB	343857	501823	12.03%	1.053%
98	23.833	3538	3544	3551	rBV	560164	1454437	34.88%	3.051%
99	24.657	3679	3684	3691	rVB	459785	1034079	24.80%	2.170%
100	24.874	3714	3721	3730	rVB	901284	2180117	52.28%	4.574%

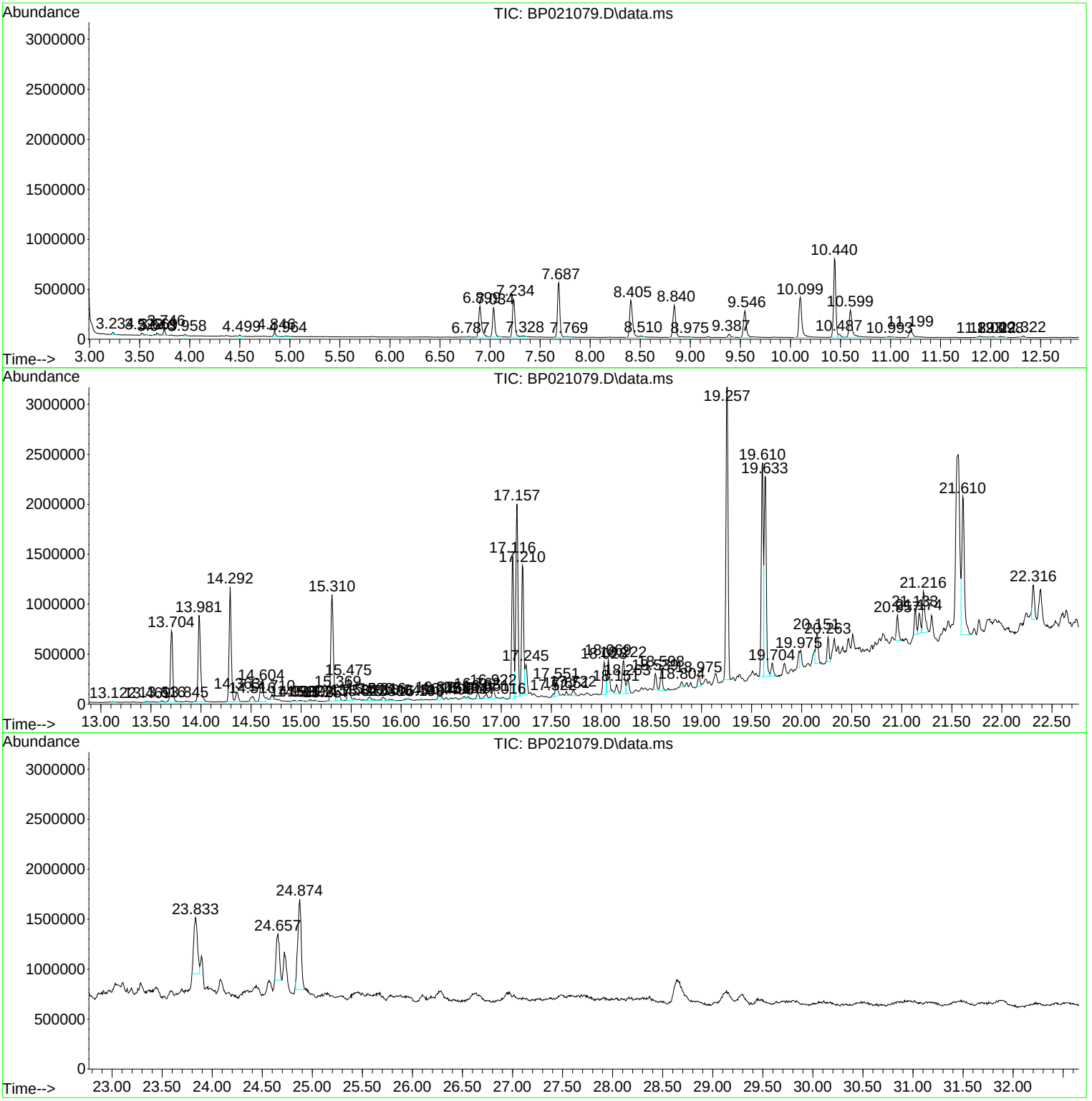
Sum of corrected areas: 47663169

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

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\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

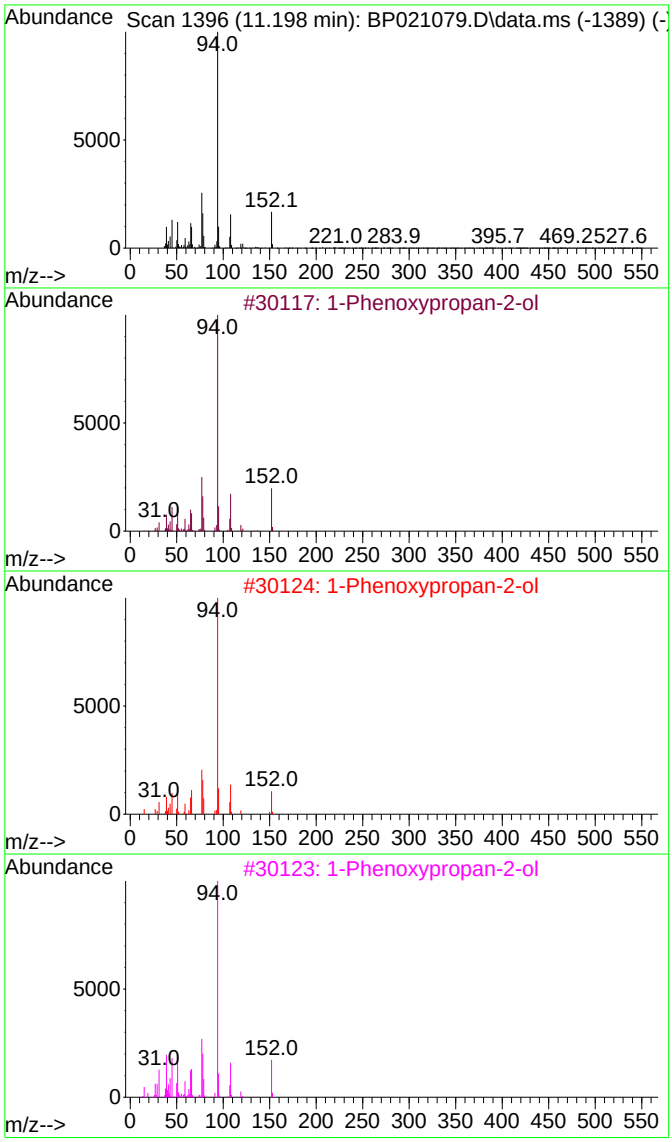
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

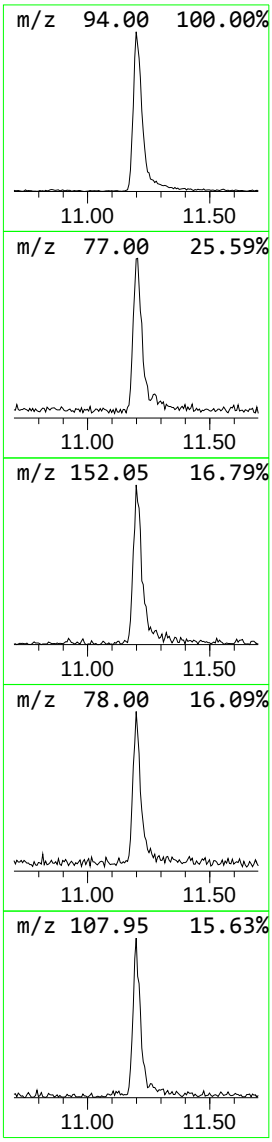
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	2.95 ng/ul	183428	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	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5	1-Amino-3-phenoxypropan-2-ol	167	C9H13NO2	004287-19-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

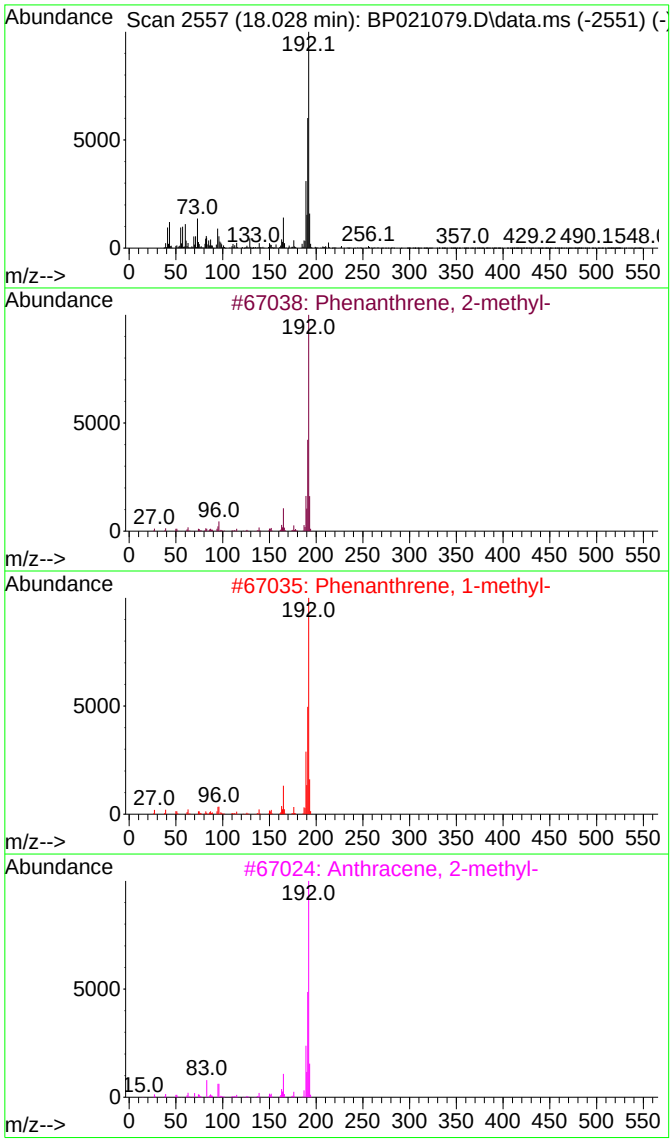
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

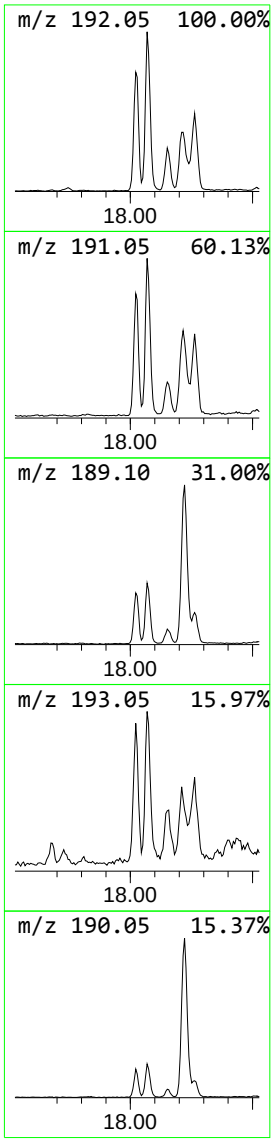
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	5.89 ng/ul	608116	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

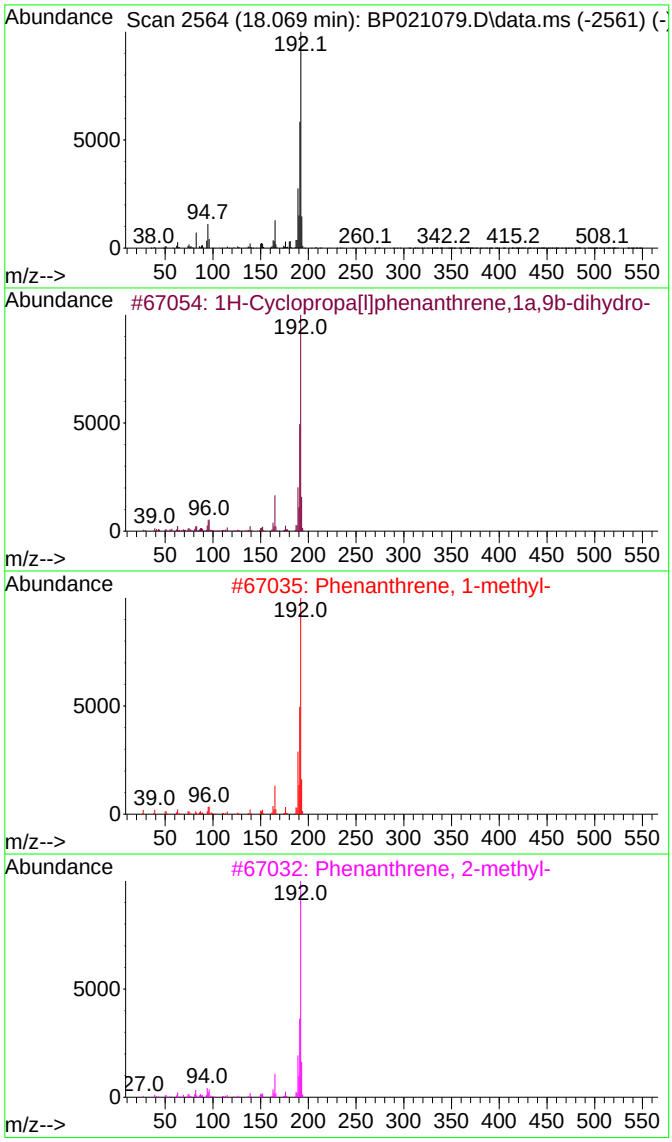
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

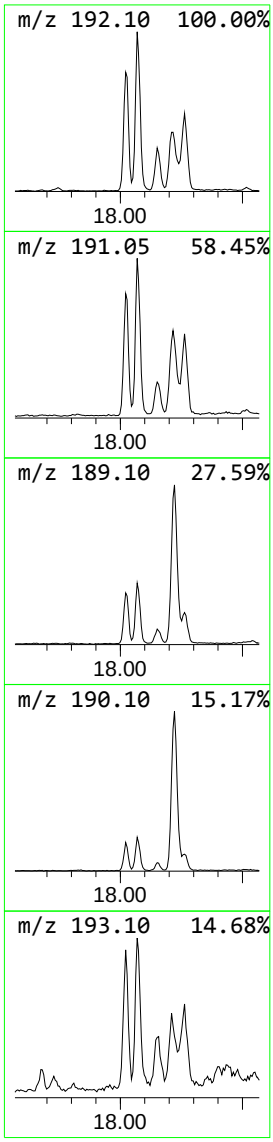
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.41 ng/ul	454915	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

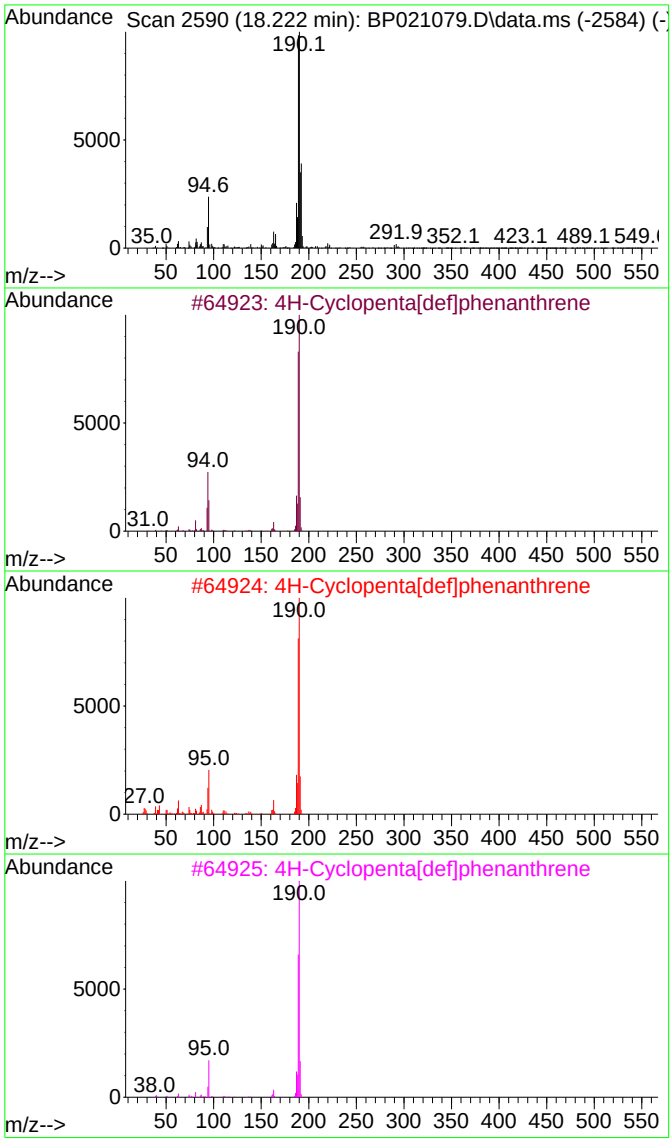
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

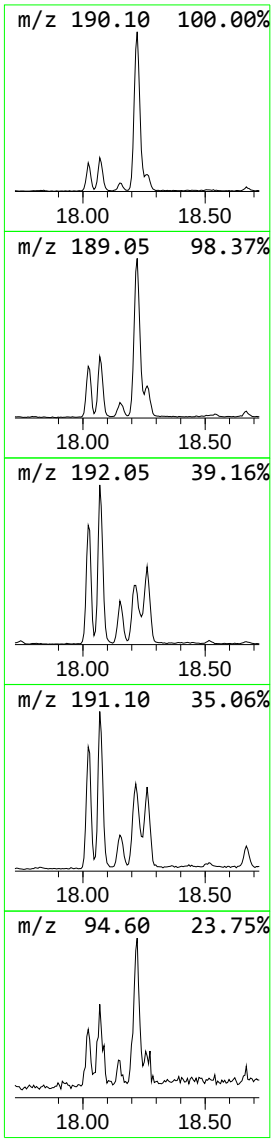
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	5.96 ng/ul	615204	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	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

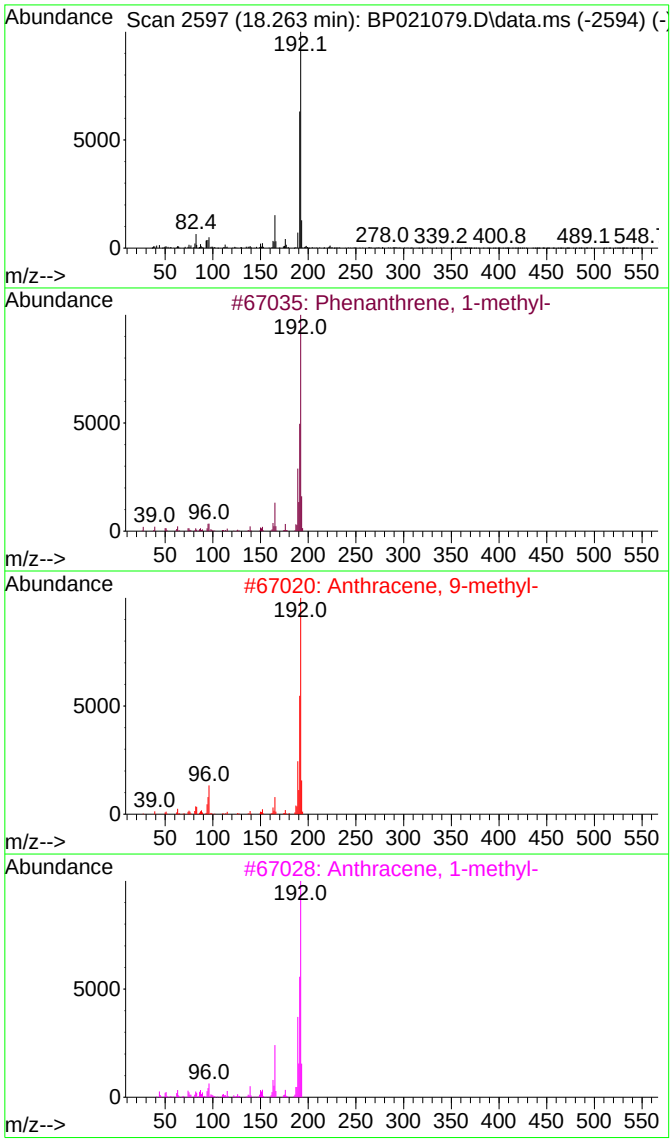
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

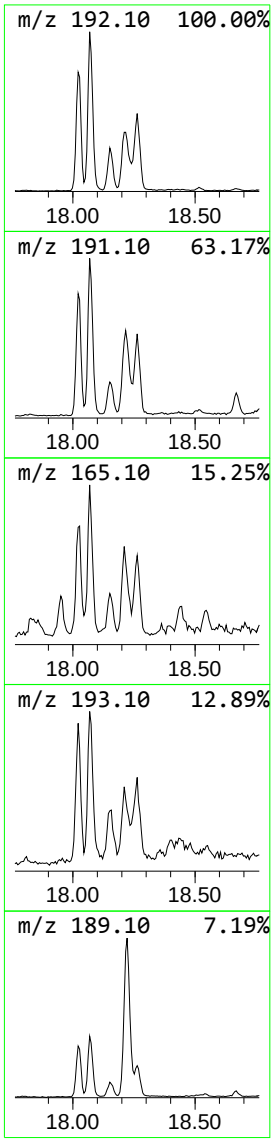
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.36 ng/ul	243421	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

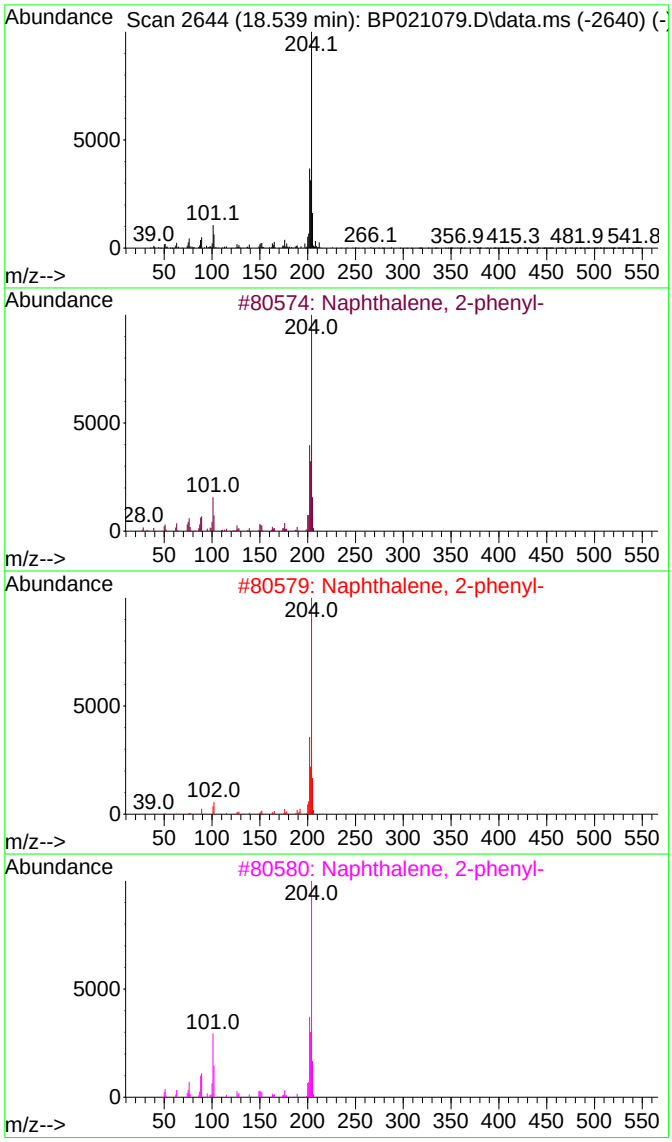
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

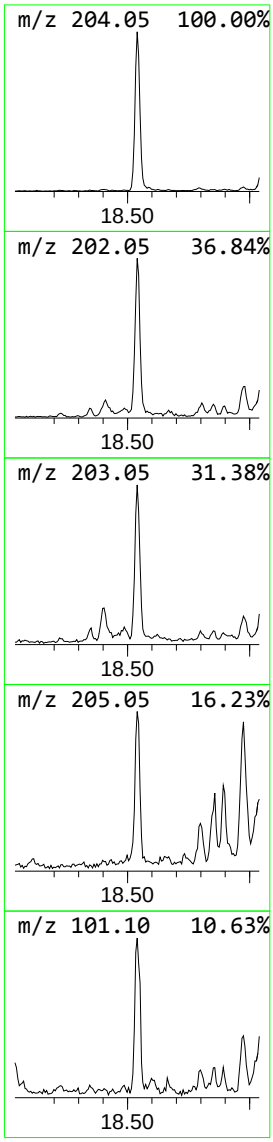
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.25 ng/ul	232716	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Operator : MA/JU
Sample : P3238-10
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

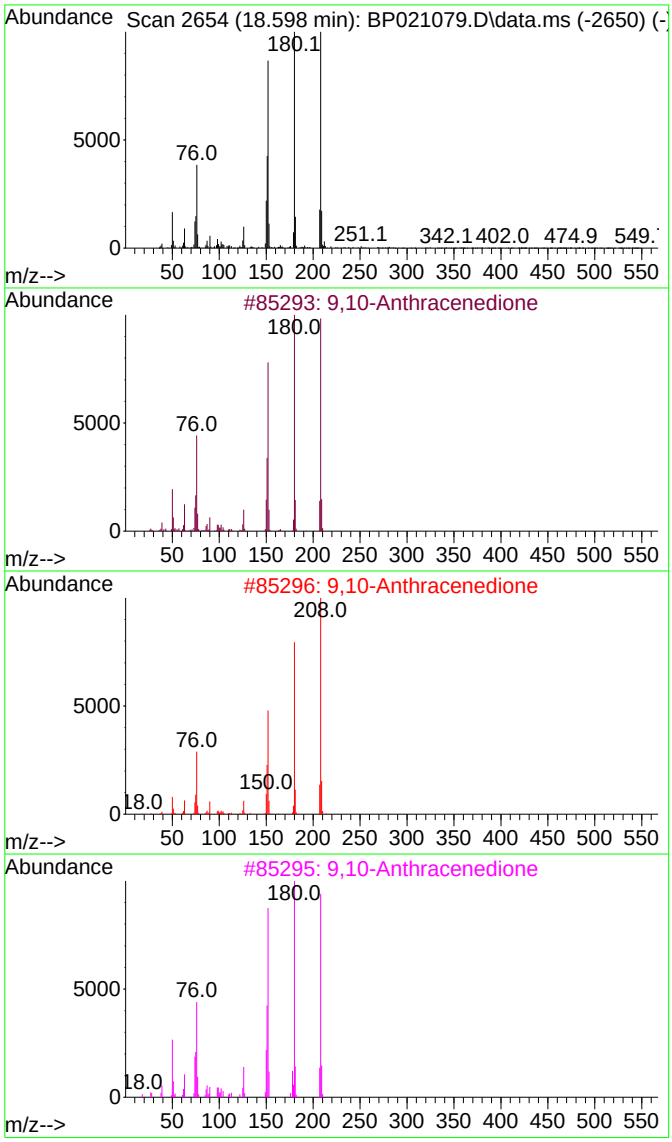
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

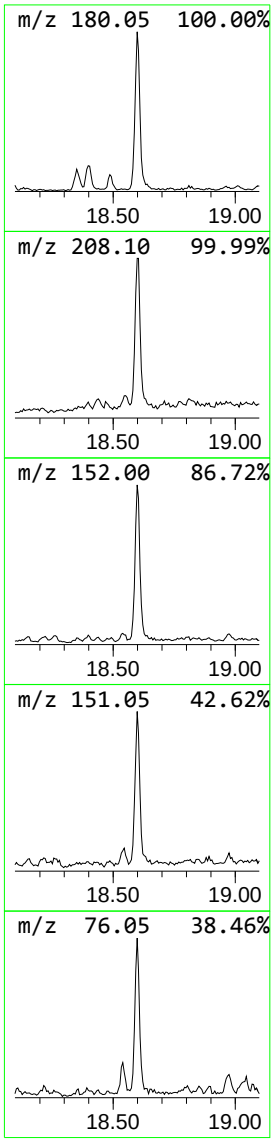
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	2.78 ng/ul	287203	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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Sample : P3238-10
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

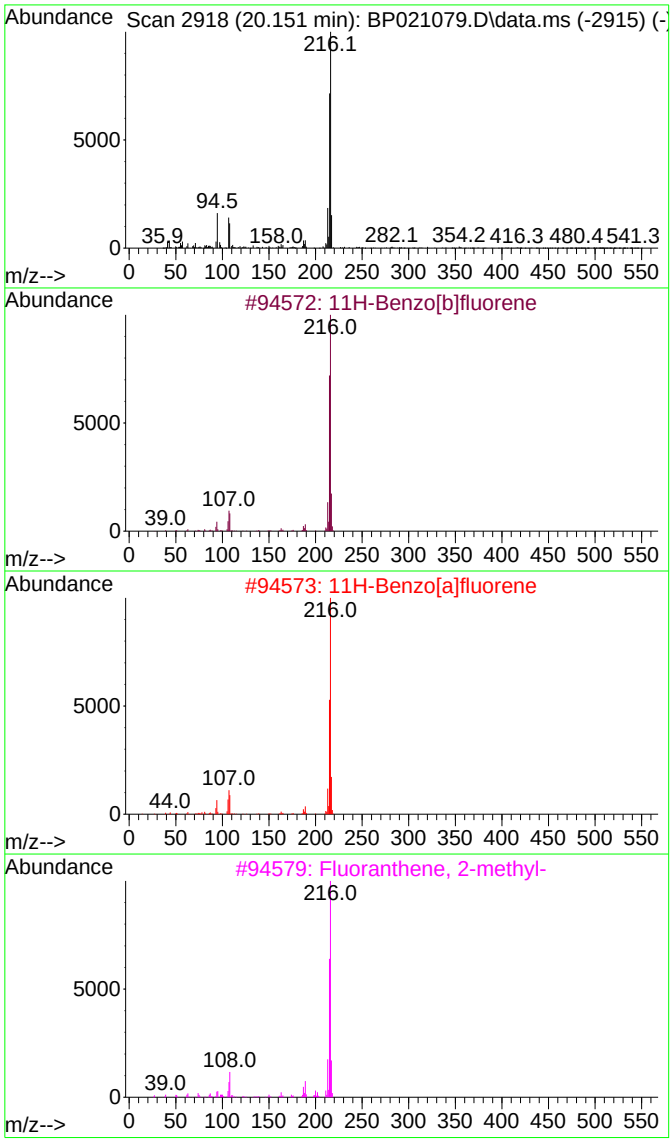
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

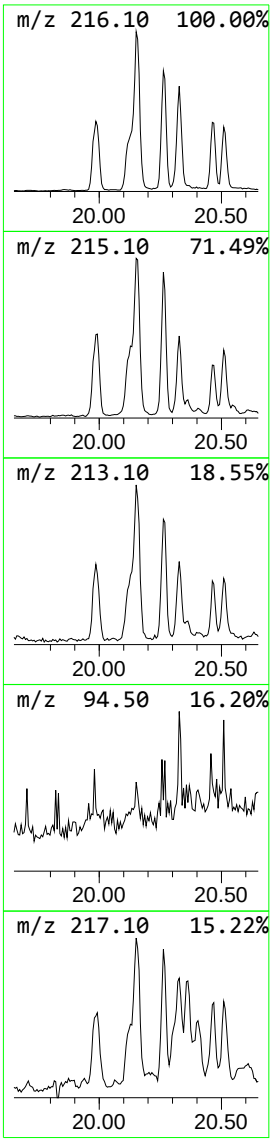
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	4.15 ng/ul	499310	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

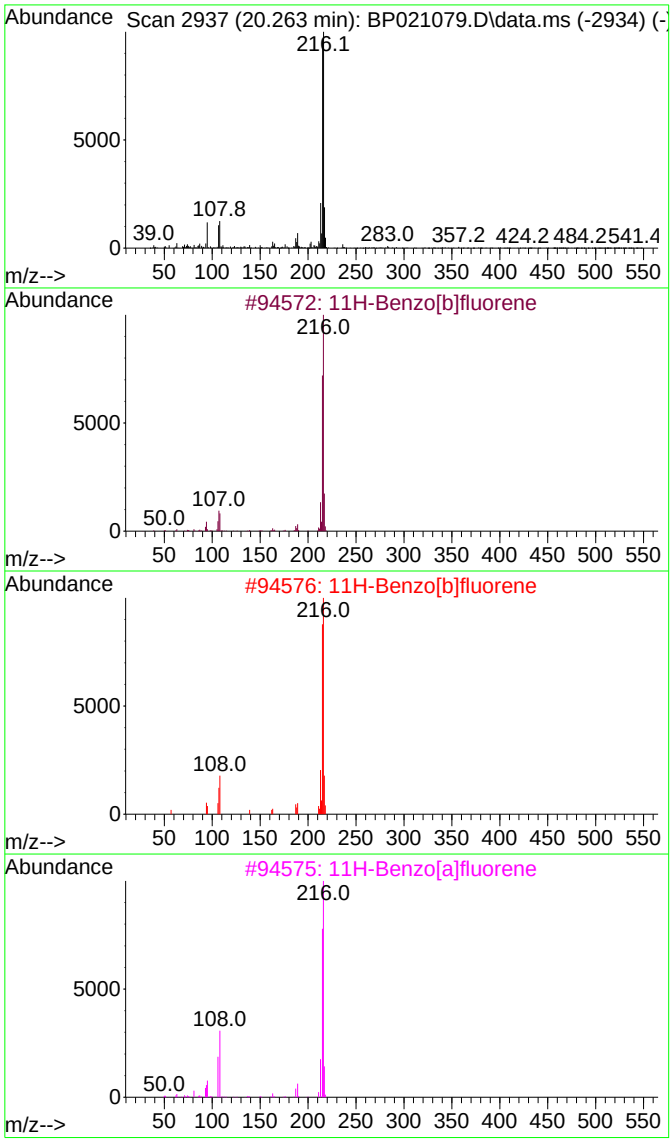
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

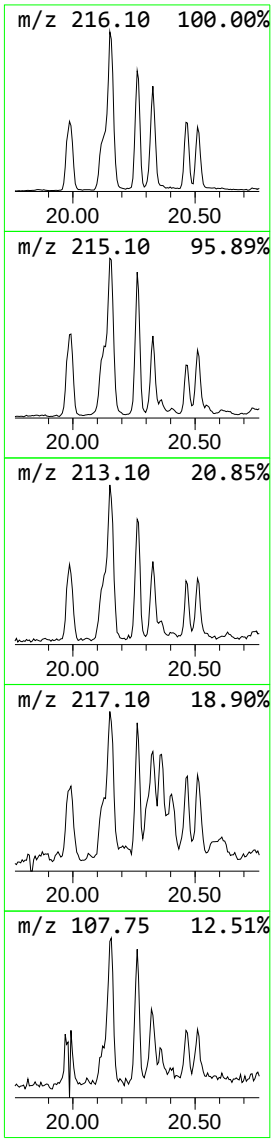
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.263	2.55 ng/ul	306815	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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

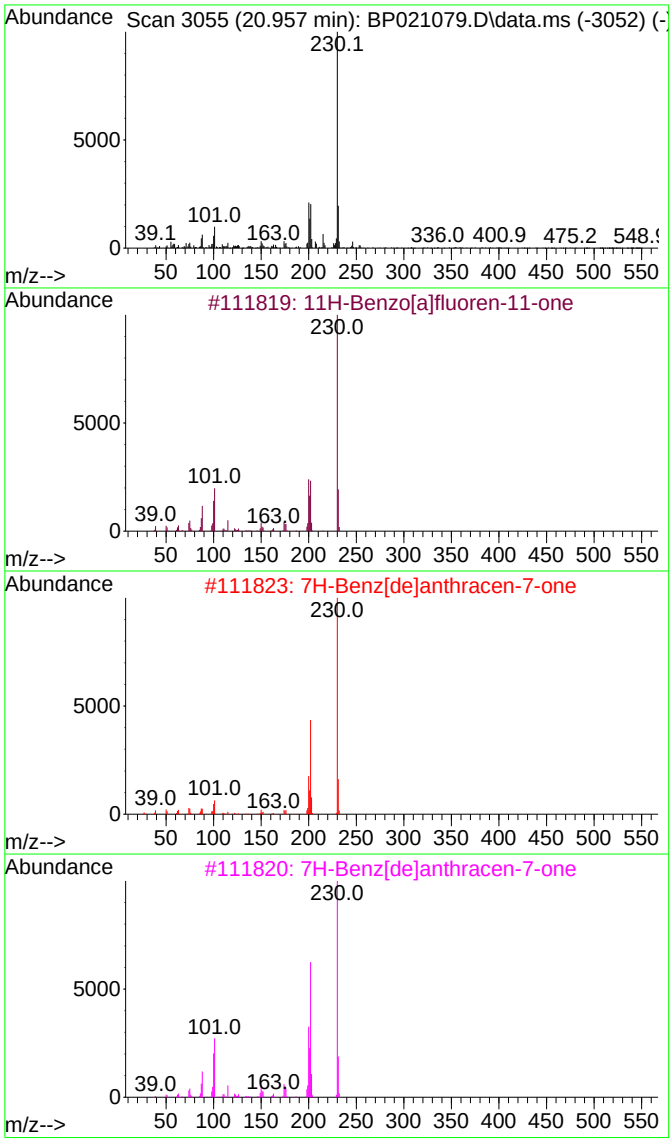
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

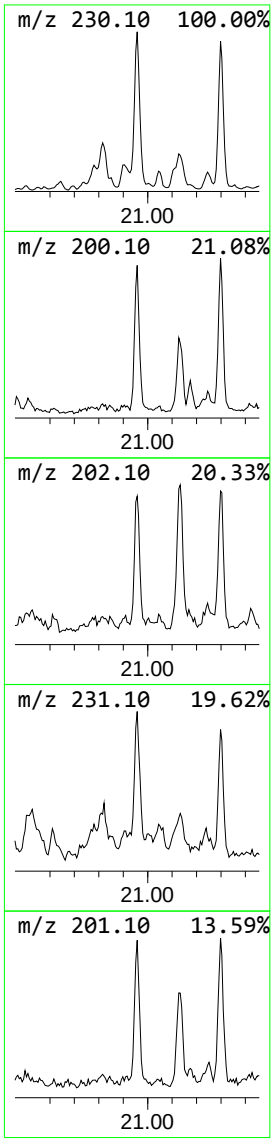
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	2.98 ng/ul	358598	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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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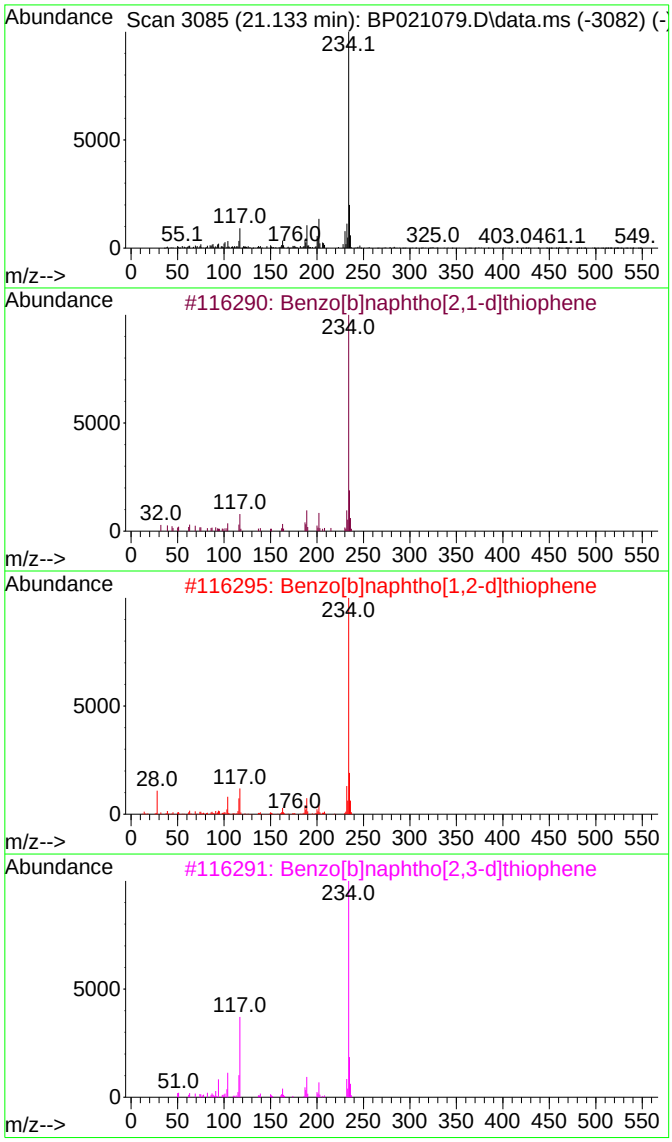
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

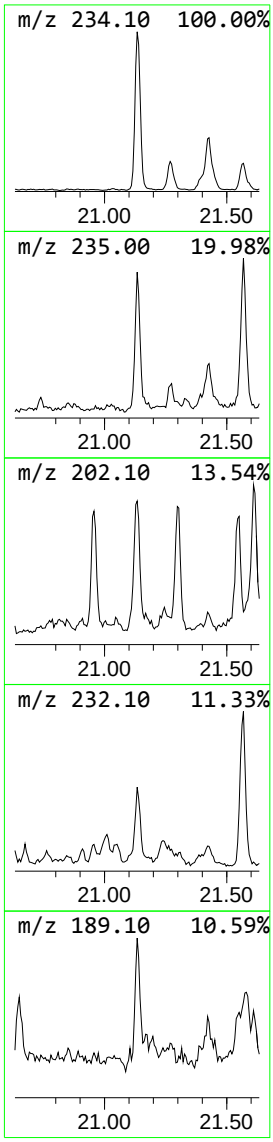
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.84 ng/ul	341102	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	96
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81





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Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

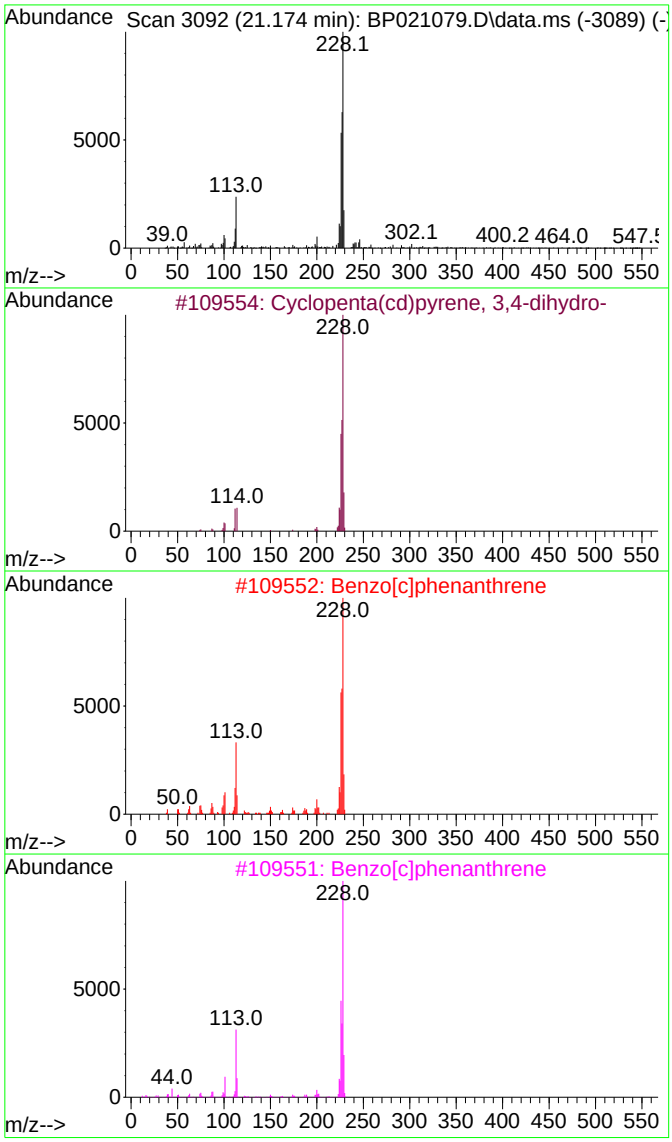
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

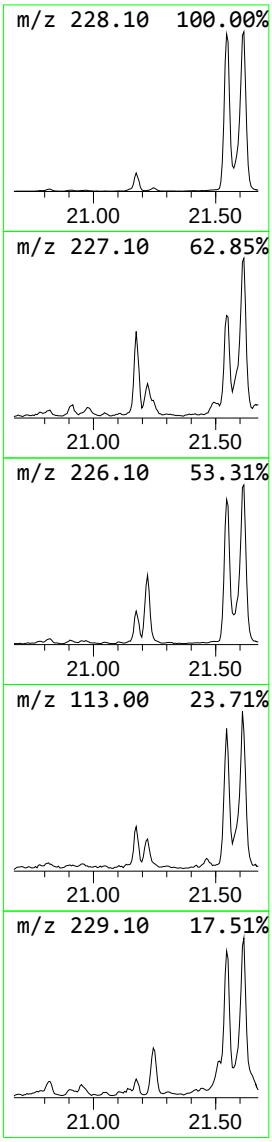
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	2.53 ng/ul	303716	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	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	68
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	Chrysene	228	C18H12	000218-01-9	49
5	Chrysene	228	C18H12	000218-01-9	49





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Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

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

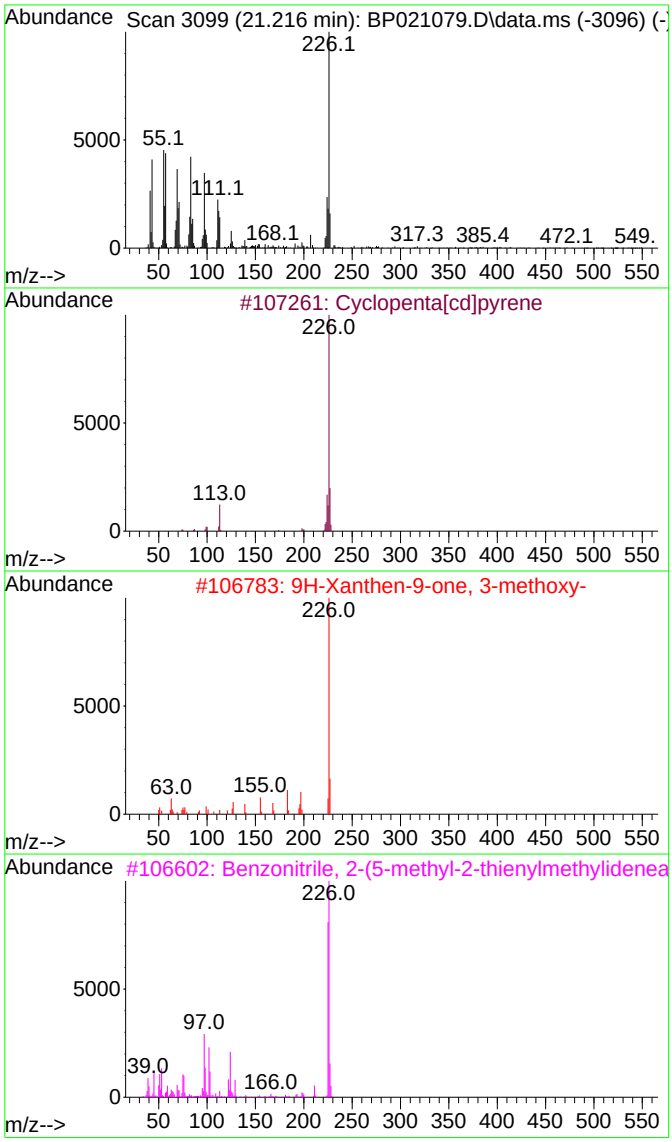
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

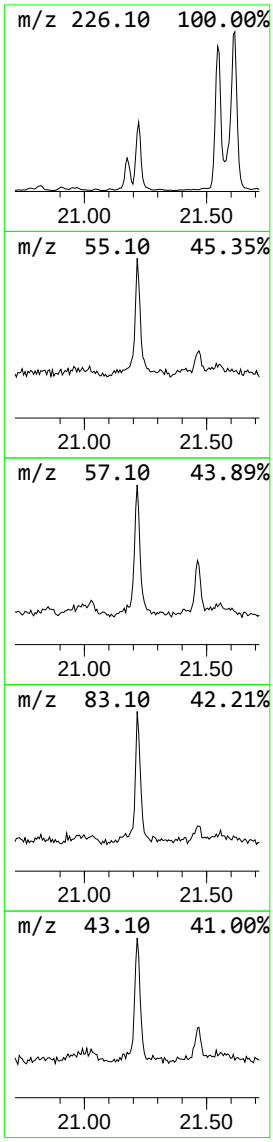
****

Peak Number 13 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	5.93 ng/ul	712602	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
3	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	38
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	35
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35





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Acq On : 19 Jul 2024 15:41
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Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

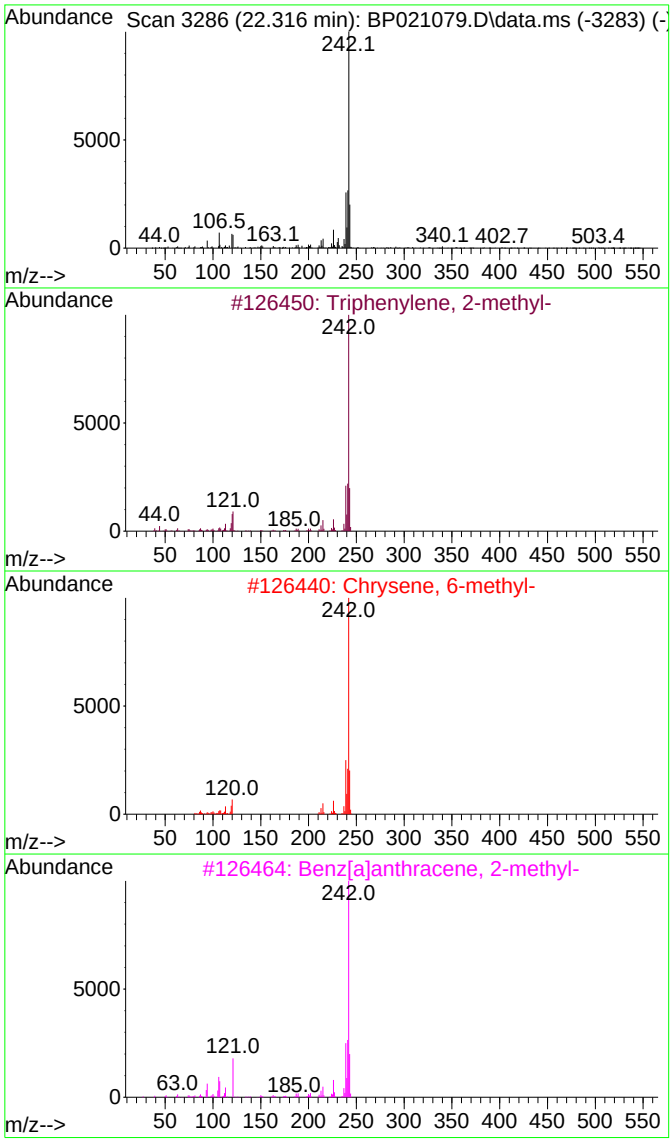
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

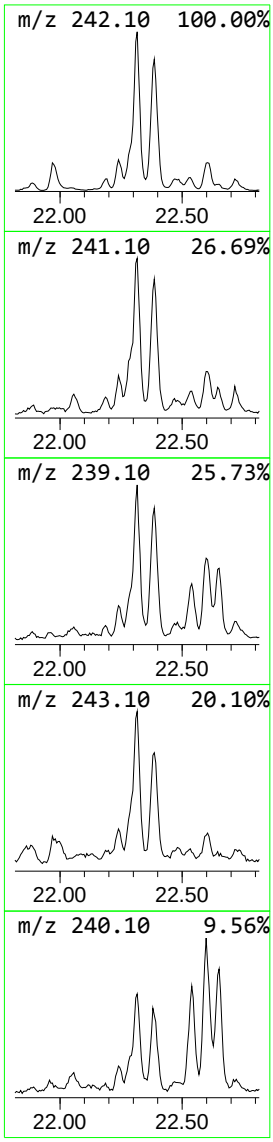
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.316	4.17 ng/ul	501823	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BP021079.D
Acq On : 19 Jul 2024 15:41
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF6

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...	11.198	3.0	ng/ul	183428	2	10.440	1244660	20.0
Phenanthrene, 2...	18.028	5.9	ng/ul	608116	4	17.116	2064130	20.0
1H-Cyclopropa[l...	18.069	4.4	ng/ul	454915	4	17.116	2064130	20.0
4H-Cyclopenta[d...	18.222	6.0	ng/ul	615204	4	17.116	2064130	20.0
Phenanthrene, 1...	18.263	2.4	ng/ul	243421	4	17.116	2064130	20.0
Naphthalene, 2-...	18.539	2.3	ng/ul	232716	4	17.116	2064130	20.0
9,10-Anthracene...	18.598	2.8	ng/ul	287203	4	17.116	2064130	20.0
11H-Benzo[b]flu...	20.151	4.2	ng/ul	499310	5	21.569	2404190	20.0
11H-Benzo[a]flu...	20.263	2.5	ng/ul	306815	5	21.569	2404190	20.0
11H-Benzo[a]flu...	20.957	3.0	ng/ul	358598	5	21.569	2404190	20.0
Benzo[b]naphtho...	21.133	2.8	ng/ul	341102	5	21.569	2404190	20.0
Cyclopenta(cd)p...	21.174	2.5	ng/ul	303716	5	21.569	2404190	20.0
unknown-01	21.216	5.9	ng/ul	712602	5	21.569	2404190	20.0
Triphenylene, 2...	22.316	4.2	ng/ul	501823	5	21.569	2404190	20.0