LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020290.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	19	22	28	rVB	13550	18177	0.81%	0.066%
2	3.628	88	92	103	rBV	81585	156693	6.94%	0.573%
3	3.711	103	106	113	rVB2	18216	29737	1.32%	0.109%
4	3.905	137	139	145	rVB4	4904	6975	0.31%	0.025%
5	4.446	229	231	239	rVB7	3215	6495	0.29%	0.024%
6	4.681	265	271	276	rBV9	3611	6792	0.30%	0.025%
7	4.793	286	290	299	rVB	7270	13283	0.59%	0.049%
8	5.134	342	348	353	rVB4	4161	6226	0.28%	0.023%
9	5.652	429	436	438	rBV8	3332	5481	0.24%	0.020%
10	5.911	476	480	487	rVB8	4018	7679	0.34%	0.028%
11	6.716	612	617	620	rBV5	3709	6544	0.29%	0.024%
12	6.811	627	633	653	rBV	171342	401738	17.80%	1.468%
13	6.975	653	661	677	rVV	152744	292633	12.97%	1.069%
14	7.158	685	692	701	rBV	192611	354028	15.69%	1.293%
15	7.216	701	702	706	rVV3	10373	12349	0.55%	0.045%
16	7.258	706	709	715	rVB7	5508	9559	0.42%	0.035%
17	7.616	764	770	787	rBV	234842	405836	17.98%	1.483%
18	8.111	847	854	856	rBV6	3310	7571	0.34%	0.028%
19	8.152	856	861	866	rVB5	3922	7501	0.33%	0.027%
20	8.240	873	876	881	rVB5	5343	9391	0.42%	0.034%
21	8.334	884	892	907	rBV	224770	504635	22.36%	1.844%
22	8.452	907	912	922	rVB2	46620	94816	4.20%	0.346%
23	8.781	961	968	981	rBV	209111	419859	18.60%	1.534%
24	9.122	1023	1026	1034	rVB5	4981	8323	0.37%	0.030%
25	9.369	1064	1068	1070	rBV4	5070	7259	0.32%	0.027%
26	9.493	1080	1089	1103	rBV2	127102	269951	11.96%	0.986%
27	9.787	1135	1139	1146	rVB9	3703	9409	0.42%	0.034%
28	9.881	1146	1155	1159	rBV9	4087	10757	0.48%	0.039%
29	10.040	1175	1182	1204	rBV	180476	448962	19.89%	1.640%
30	10.216	1207	1212	1224	rVB5	14379	42772	1.90%	0.156%
31	10.393	1232	1242	1247	rBV	304656	558021	24.72%	2.039%
32	10.440	1247	1250	1257	rVB	36785	62294	2.76%	0.228%
33	10.557	1263	1270	1298	rVB	143640	368472	16.33%	1.346%
34	11.181	1369	1376	1381	rBV4	7708	16938	0.75%	0.062%
35	11.816	1476	1484	1488	rBV10	2926	6361	0.28%	0.023%
36	12.004	1510	1516	1520	rVB4	5443	8722	0.39%	0.032%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43Q9

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	12.075	1522	1528	1536	rBV	23502	44745	1.98%	0.163%
38	12.299	1554	1566	1572	rBV	28096	49436	2.19%	0.181%
39	13.110	1694	1704	1709	rBV3	7805	20431	0.91%	0.075%
40	13.169	1709	1714	1719	rVV4	7002	14300	0.63%	0.052%
41	13.257	1721	1729	1733	rVV10	3901	10011	0.44%	0.037%
42	13.310	1733	1738	1747	rVB9	4995	14945	0.66%	0.055%
43	13.446	1754	1761	1769	rBV4	11746	31508	1.40%	0.115%
44	13.604	1781	1788	1793	rBV2	24204	44177	1.96%	0.161%
45	13.657	1793	1797	1800	rVV2	13568	23609	1.05%	0.086%
46	13.704	1800	1805	1823	rVV	526643	881629	39.06%	3.221%
47	13.846	1823	1829	1840	rVB5	10576	27613	1.22%	0.101%
48	13.981	1844	1852	1869	rBV	663329	1128196	49.99%	4.122%
49	14.193	1885	1888	1892	rBV5	4551	5449	0.24%	0.020%
50	14.293	1897	1905	1912	rBV	479067	770551	34.14%	2.815%
51	14.357	1912	1916	1921	rVB2	31060	44370	1.97%	0.162%
52	14.528	1936	1945	1952	rBV5	24004	61042	2.70%	0.223%
53	14.616	1954	1960	1964	rBV9	3856	6832	0.30%	0.025%
54	14.669	1964	1969	1970	rBV5	5620	7444	0.33%	0.027%
55	14.710	1971	1976	1981	rVV2	31727	48734	2.16%	0.178%
56	14.787	1986	1989	1998	rVB5	12526	25307	1.12%	0.092%
57	14.934	2009	2014	2020	rBV3	11526	22786	1.01%	0.083%
58	14.987	2020	2023	2026	rVB5	8134	11370	0.50%	0.042%
59	15.093	2036	2041	2042	rBV4	5733	8277	0.37%	0.030%
60	15.275	2067	2072	2073	rBV5	4883	6607	0.29%	0.024%
61	15.322	2073	2080	2086	rBV	917179	1334289	59.12%	4.875%
62	15.375	2086	2089	2101	rVB	48452	94835	4.20%	0.346%
63	15.475	2102	2106	2107	rBV4	4477	5686	0.25%	0.021%
64	15.504	2107	2111	2114	rBV4	9345	13744	0.61%	0.050%
65	15.687	2137	2142	2148	rVB	17745	29099	1.29%	0.106%
66	15.845	2163	2169	2176	rVV2	17207	43171	1.91%	0.158%
67	15.904	2176	2179	2181	rVV4	4530	6357	0.28%	0.023%
68	15.928	2181	2183	2187	rVB5	6658	9074	0.40%	0.033%
69	16.092	2204	2211	2216	rVV9	13419	33912	1.50%	0.124%
70	16.410	2258	2265	2271	rVV7	16847	49627	2.20%	0.181%
71	16.469	2271	2275	2280	rVB4	12049	18269	0.81%	0.067%
72	16.575	2290	2293	2298	rVB6	7048	9204	0.41%	0.034%
73	16.657	2303	2307	2310	rVV2	10320	15923	0.71%	0.058%
74	16.692	2311	2313	2318	rVB6	10591	15015	0.67%	0.055%
75	16.792	2324	2330	2337	rBV	81017	147930	6.55%	0.540%
76	16.857	2338	2341	2344	rBV3	13894	21549	0.95%	0.079%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	16.951	2353	2357	2364	rVV	59502	91201	4.04%	0.333%
78	17.134	2382	2388	2392	rBV	599722	979812	43.41%	3.580%
79	17.187	2392	2397	2402	rVB	819122	1346466	59.66%	4.920%
80	17.245	2402	2407	2412	rBV	916100	1456726	64.54%	5.322%
81	17.581	2456	2464	2473	rBV2	71202	169190	7.50%	0.618%
82	17.692	2479	2483	2488	rVB	23451	37175	1.65%	0.136%
83	18.057	2540	2545	2548	rBV	118998	176759	7.83%	0.646%
84	18.104	2548	2553	2561	rVV2	261616	486889	21.57%	1.779%
85	18.186	2564	2567	2573	rVV	56430	99308	4.40%	0.363%
86	18.251	2573	2578	2583	rVV2	147253	304312	13.48%	1.112%
87	18.292	2583	2585	2593	rVB	88435	137757	6.10%	0.503%
88	18.586	2631	2635	2640	rBV	96033	136316	6.04%	0.498%
89	18.645	2641	2645	2650	rVB2	80465	119385	5.29%	0.436%
90	18.939	2692	2695	2699	rBV3	40225	56273	2.49%	0.206%
91	19.016	2705	2708	2713	rBV	66253	103946	4.61%	0.380%
92	19.175	2731	2735	2742	rBV2	89799	174989	7.75%	0.639%
93	19.298	2751	2756	2762	rBV	1322989	1978371	87.65%	7.228%
94	19.451	2778	2782	2788	rBV2	112154	156387	6.93%	0.571%
95	19.651	2811	2816	2819	rBV	1480234	2257011	100.00%	8.246%
96	19.681	2819	2821	2831	rVB	1399099	1740329	77.11%	6.359%
97	21.645	3147	3155	3160	rBV2	940550	2165183	95.93%	7.911%
98	21.692	3160	3163	3169	rVB	527874	758600	33.61%	2.772%
99	24.786	3682	3689	3697	rBV2	658292	1749501	77.51%	6.392%
100	25.021	3723	3729	3736	rVB	396187	928644	41.14%	3.393%

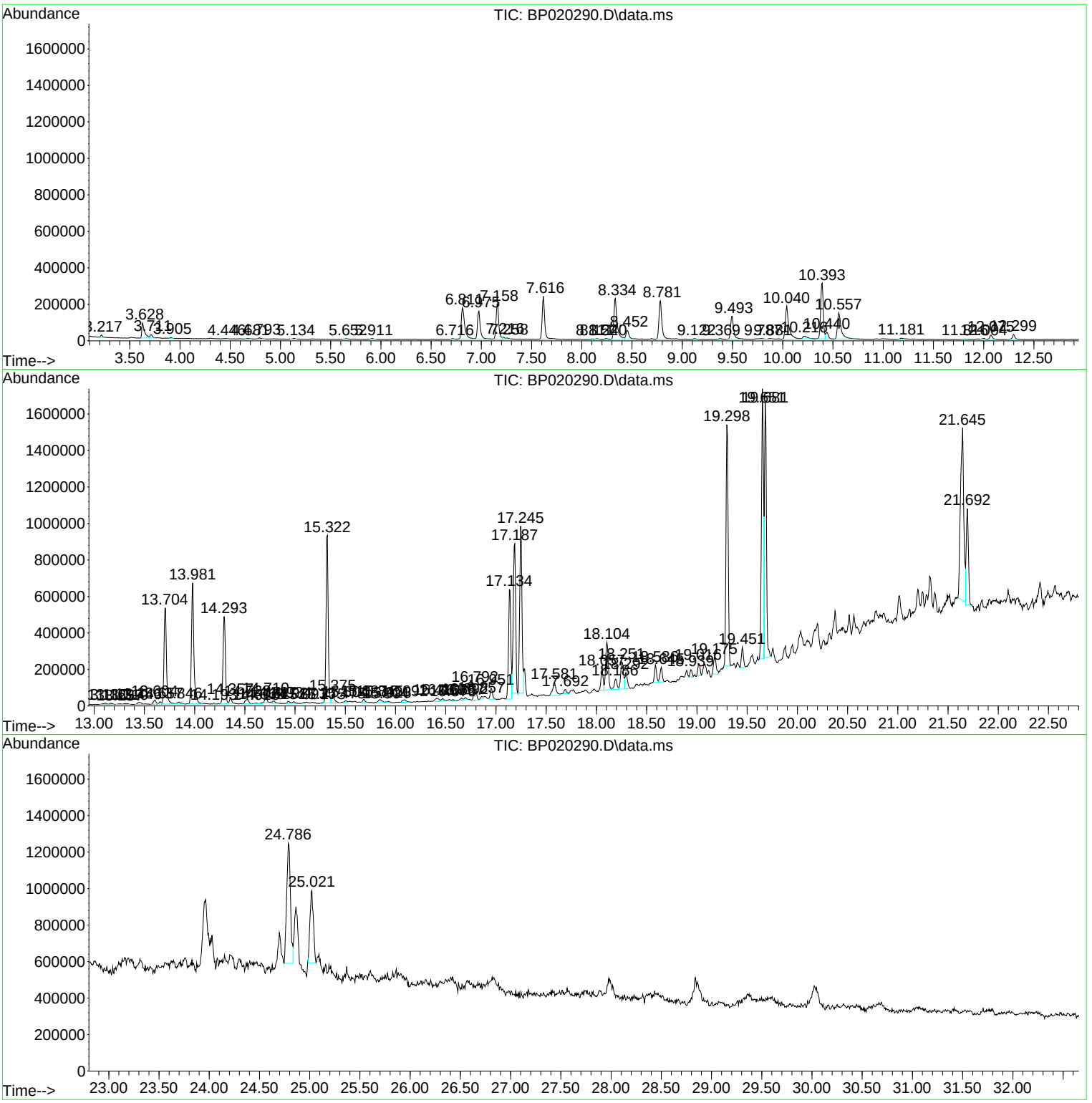
Sum of corrected areas: 27369822

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

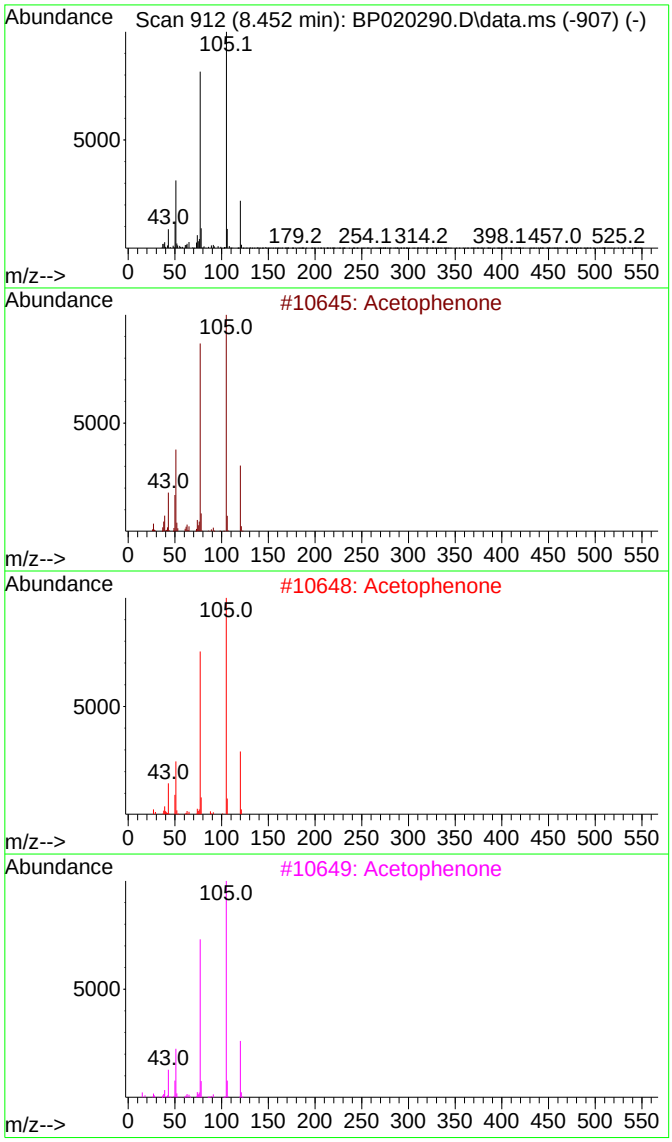
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

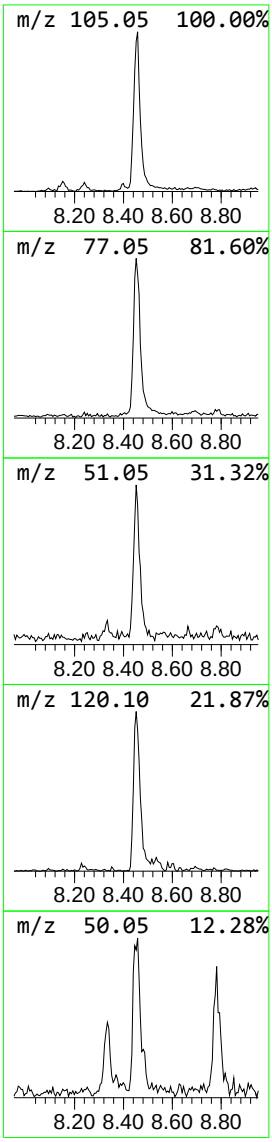
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.452	4.67 ng/ul	94816	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	80
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

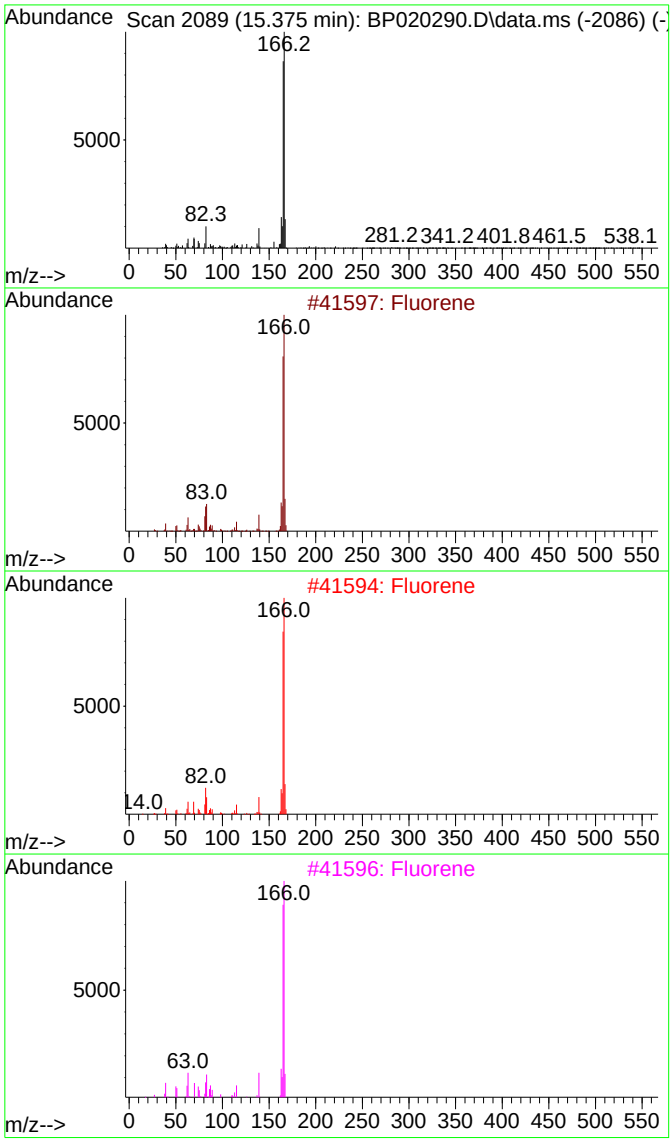
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

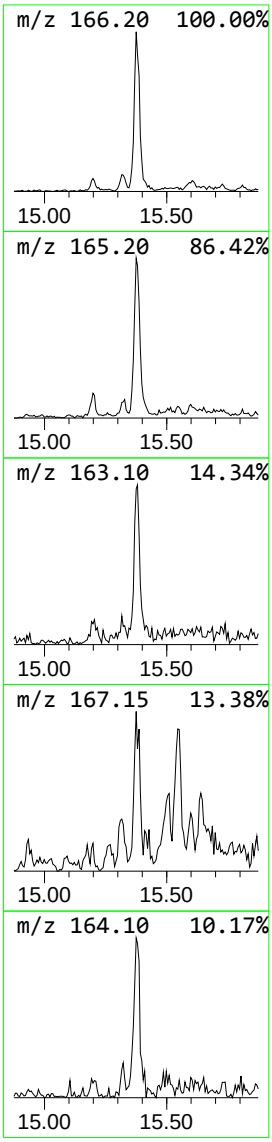
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Fluo rene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	2.46 ng/ul	94835	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	93
2	Fluorene	166	C13H10	000086-73-7	90
3	Fluorene	166	C13H10	000086-73-7	87
4	Fluorene	166	C13H10	000086-73-7	80
5	1H-Phenalene	166	C13H10	000203-80-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

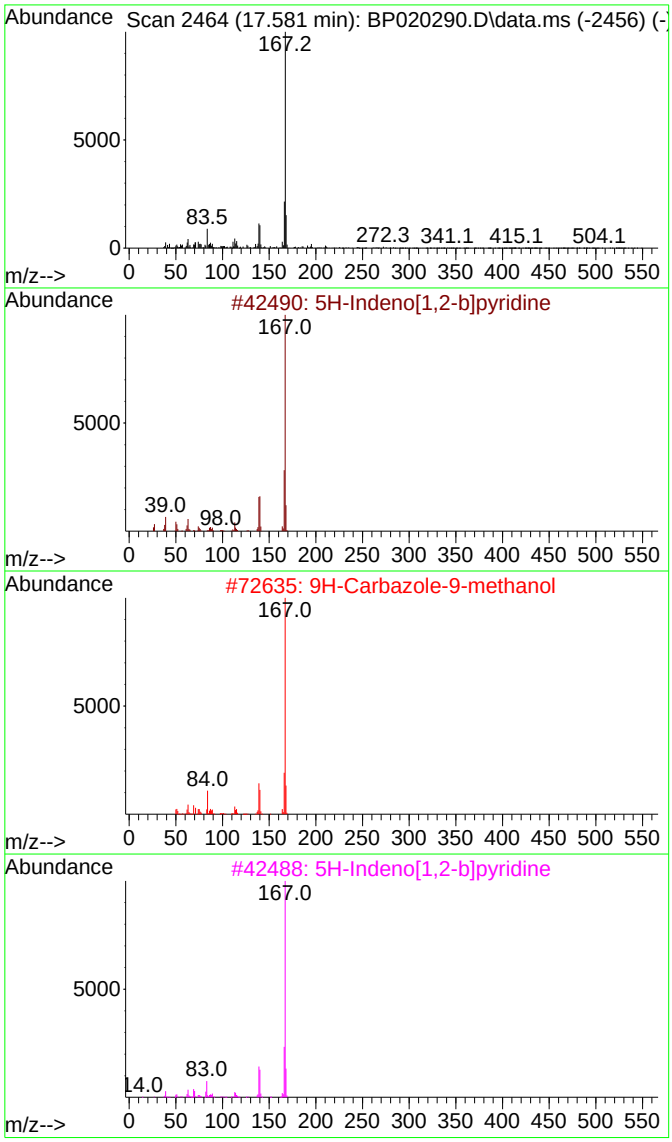
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

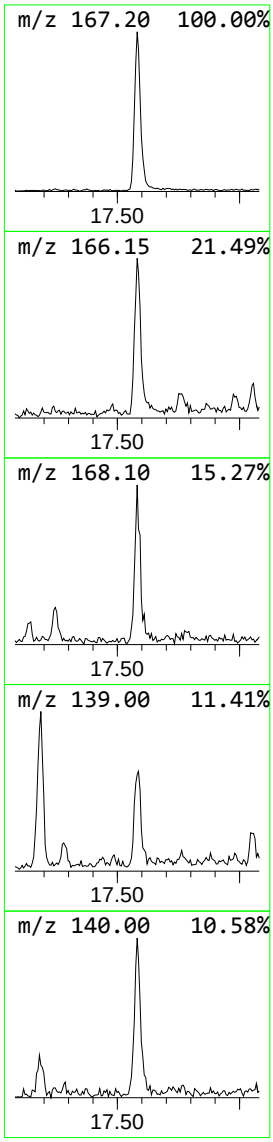
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.581	3.45 ng/ul	169190	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

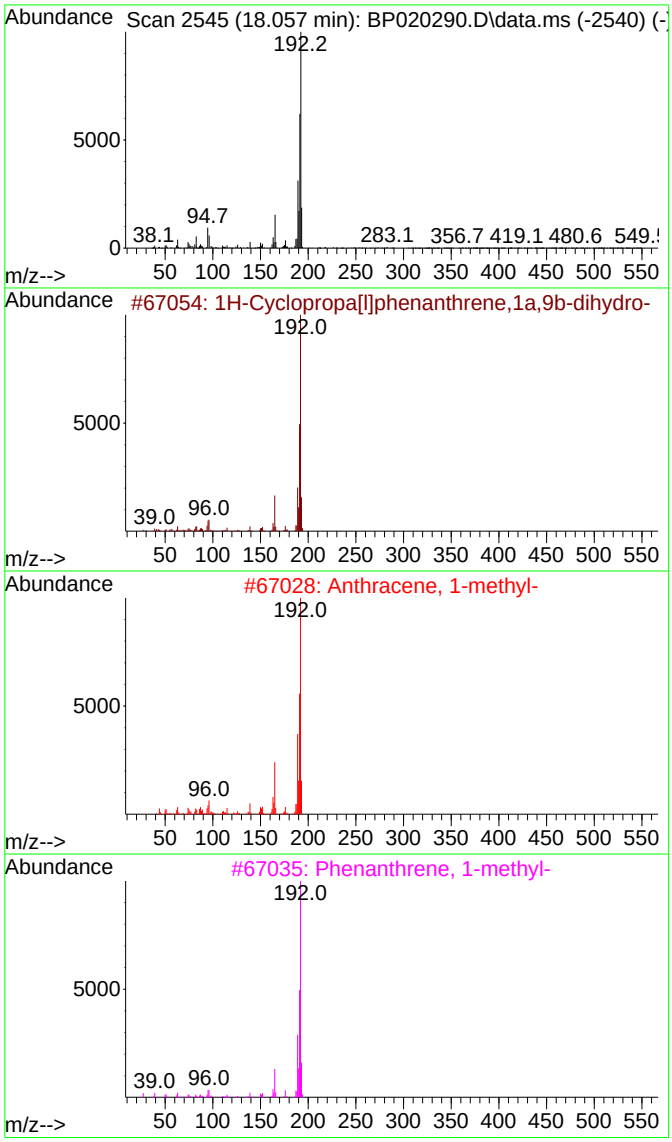
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

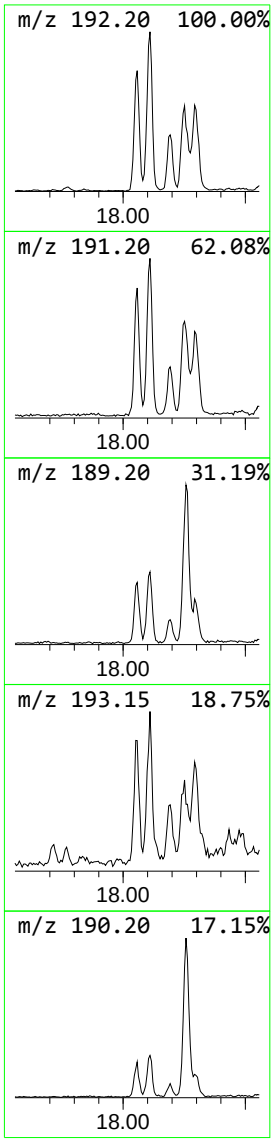
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	3.61 ng/ul	176759	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

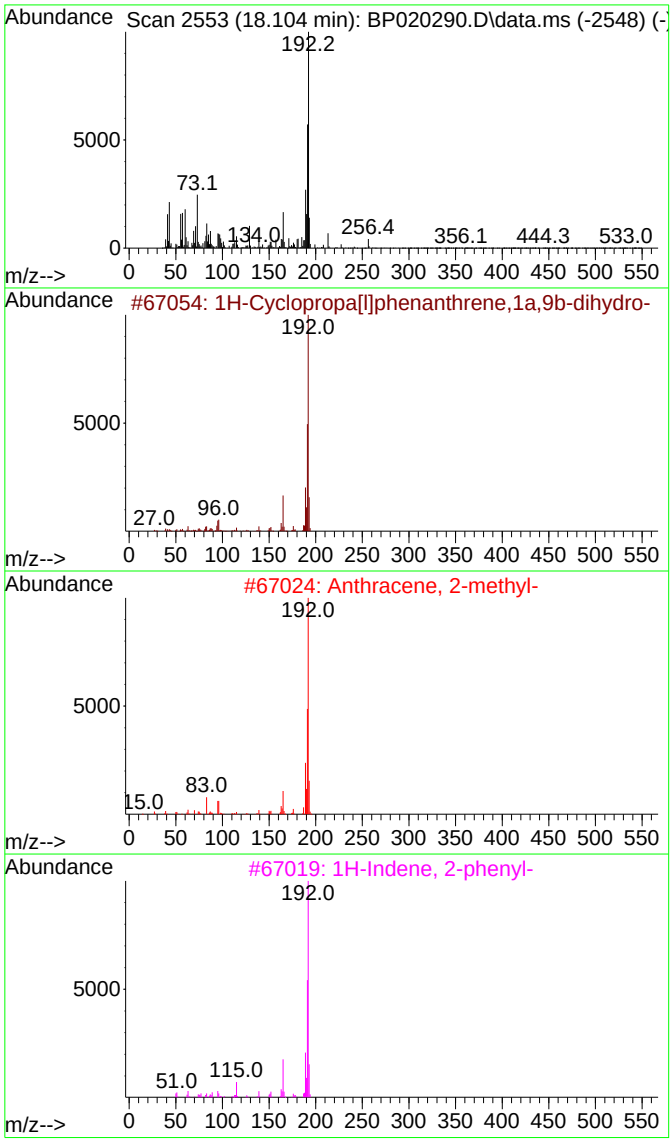
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

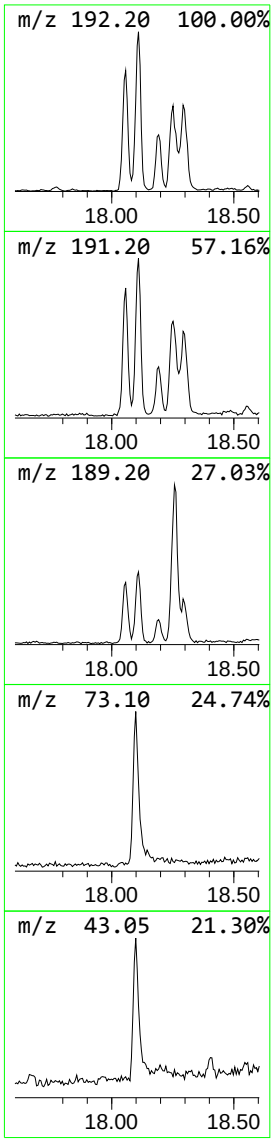
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	9.94 ng/ul	486889	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

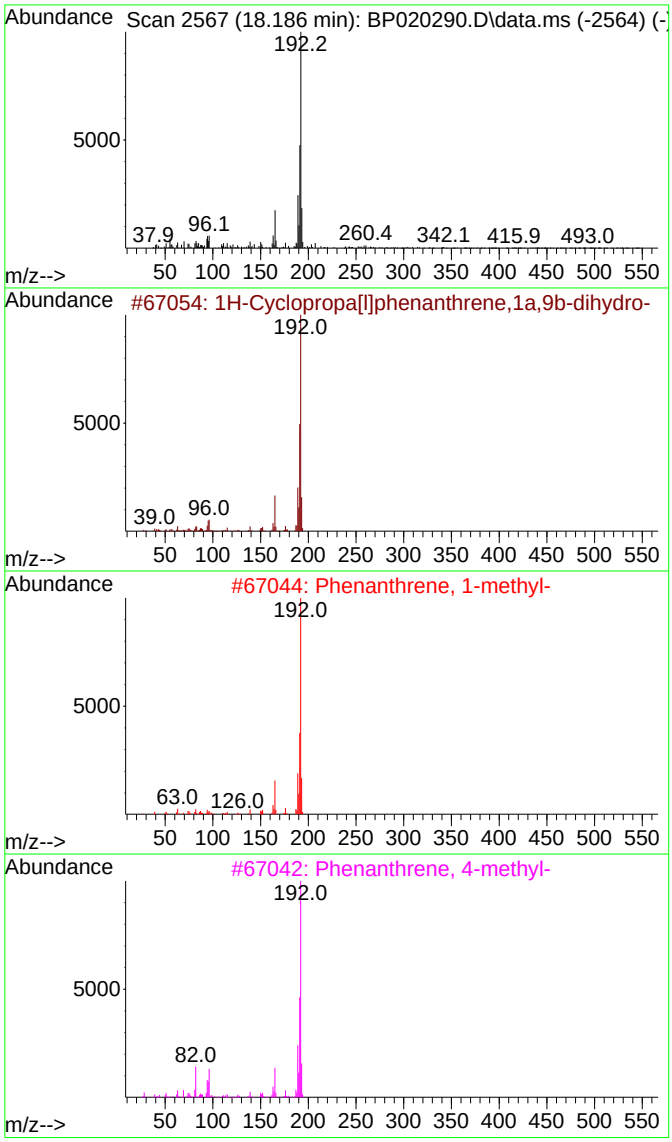
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

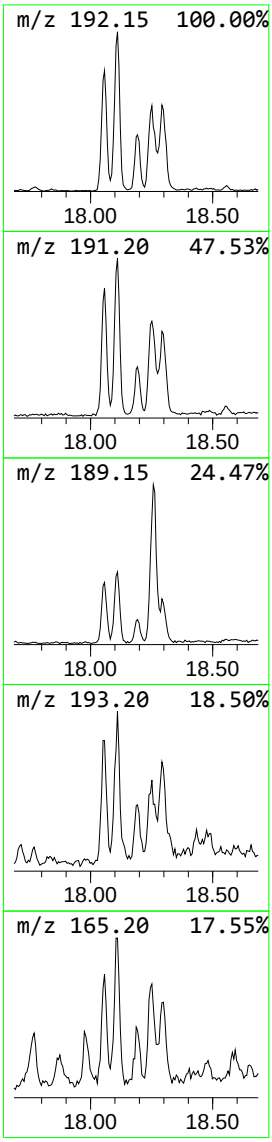
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.03 ng/ul	99308	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

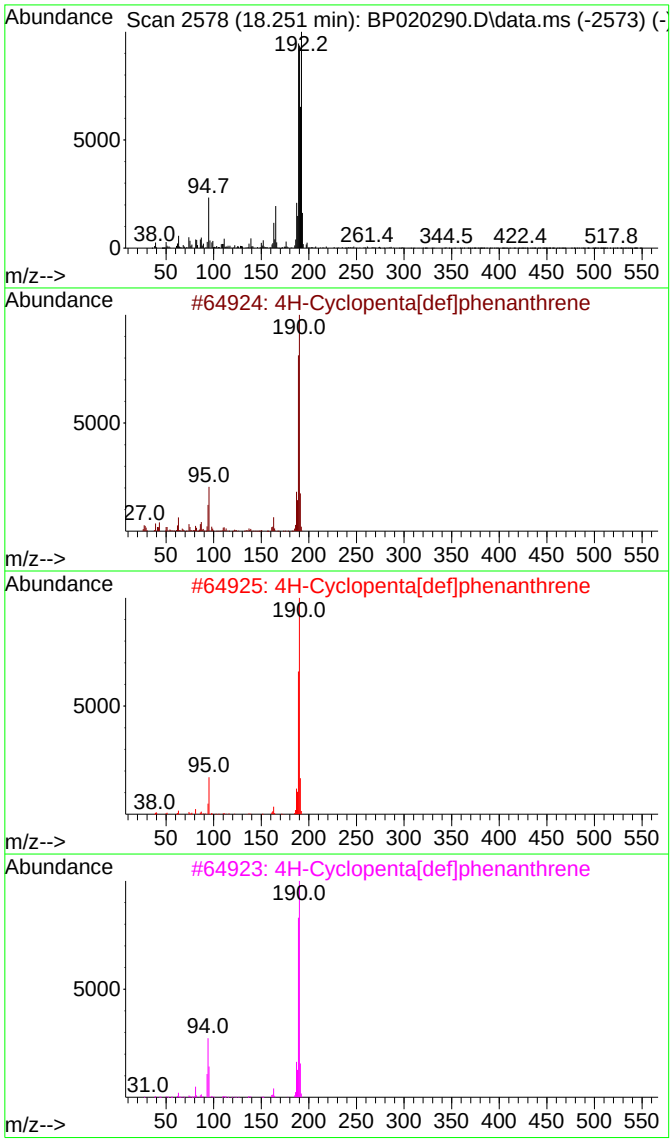
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

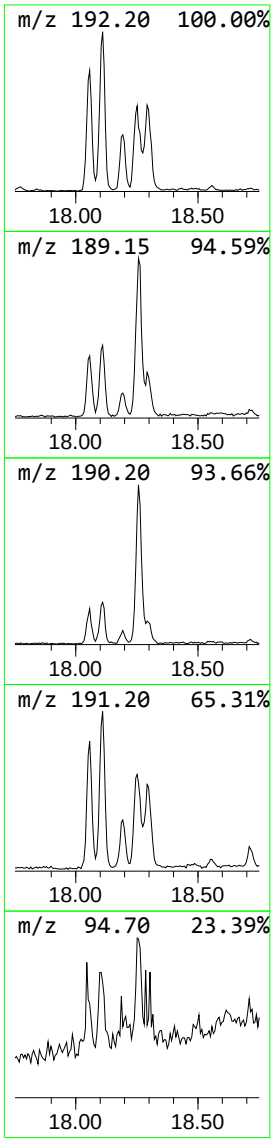
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	6.21 ng/ul	304312	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

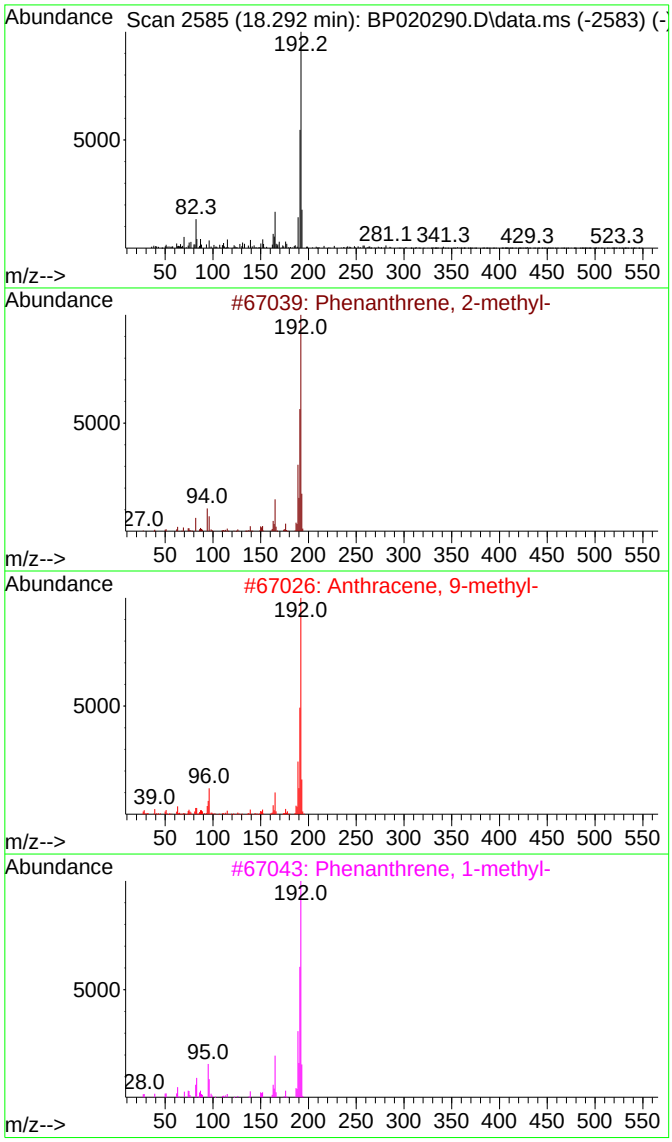
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

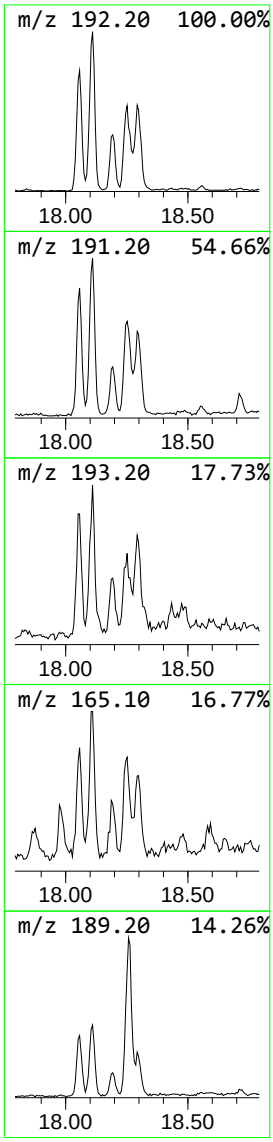
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.81 ng/ul	137757	Phenanthrene-d10	17.140

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

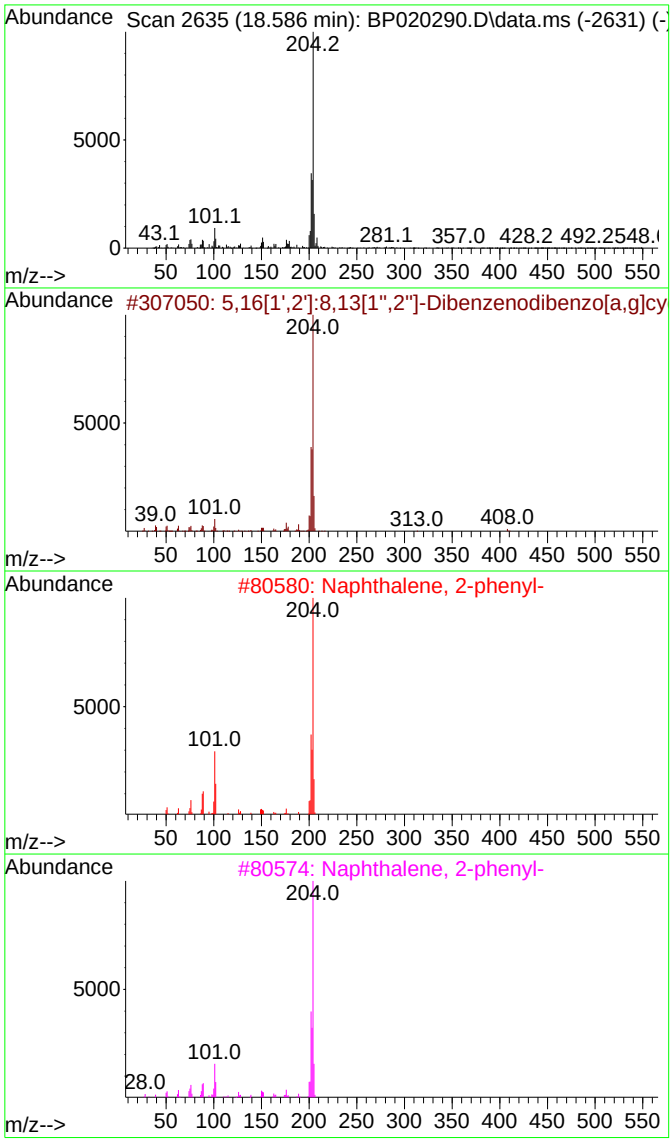
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

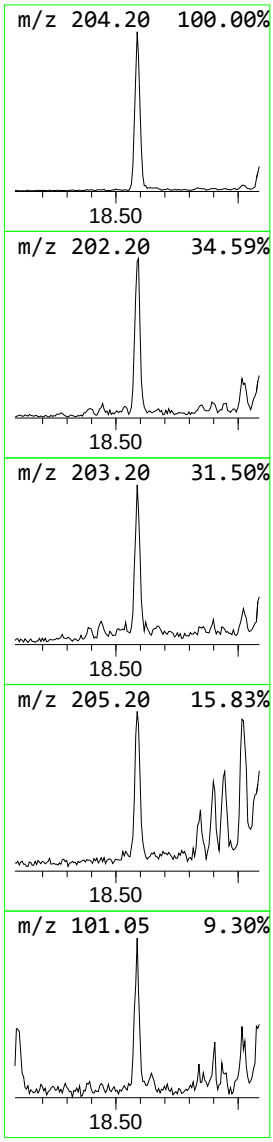
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	2.78 ng/ul	136316	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

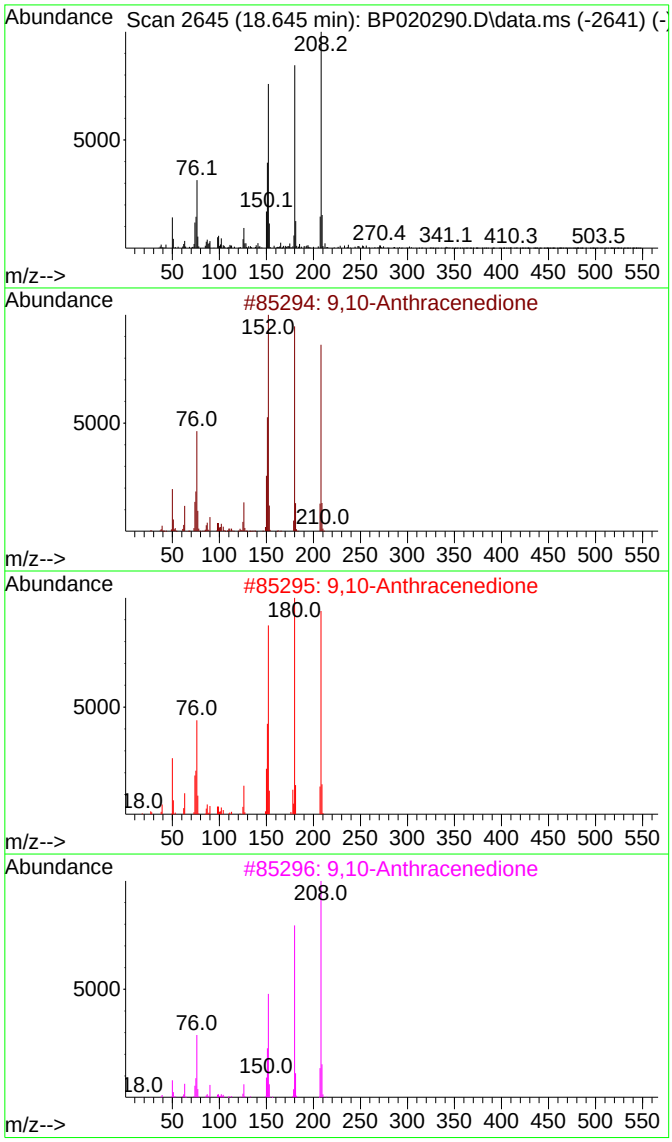
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

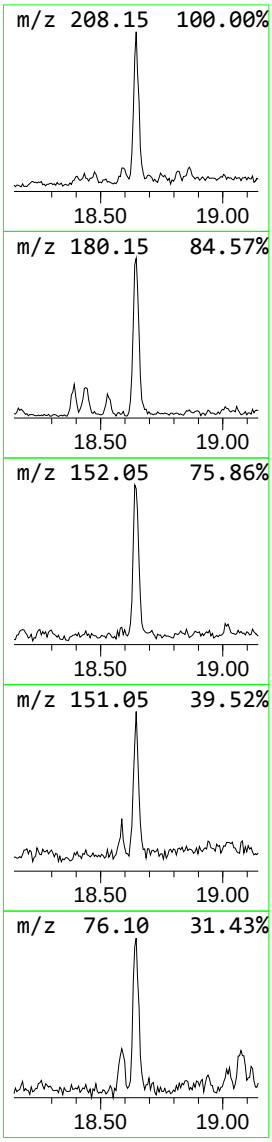
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	2.44 ng/ul	119385	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

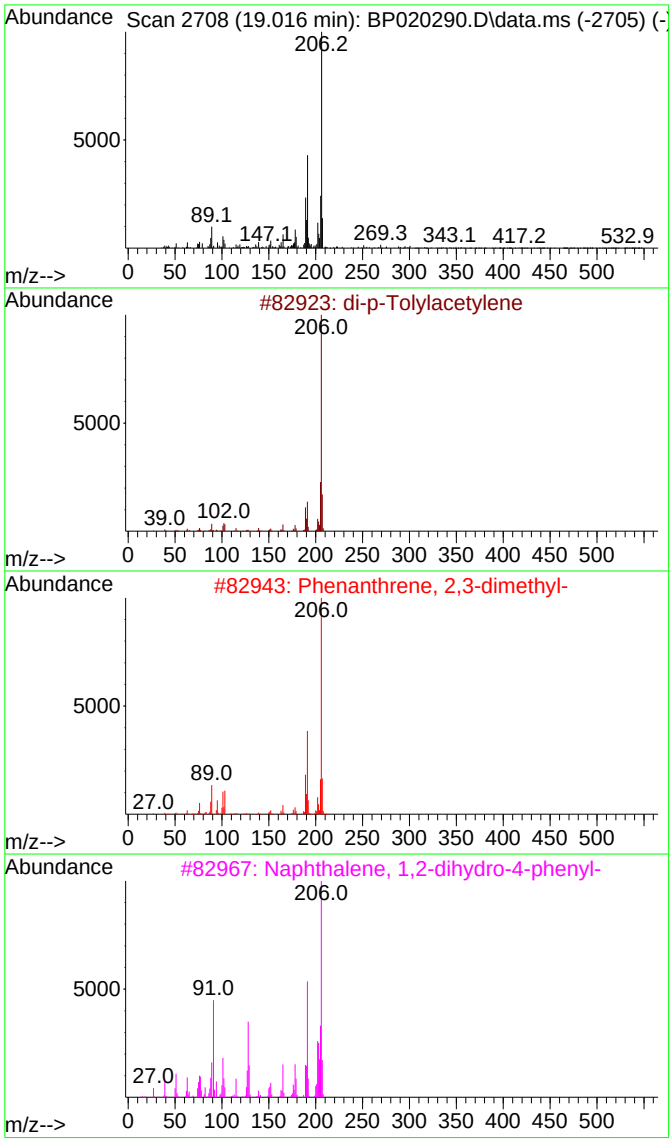
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

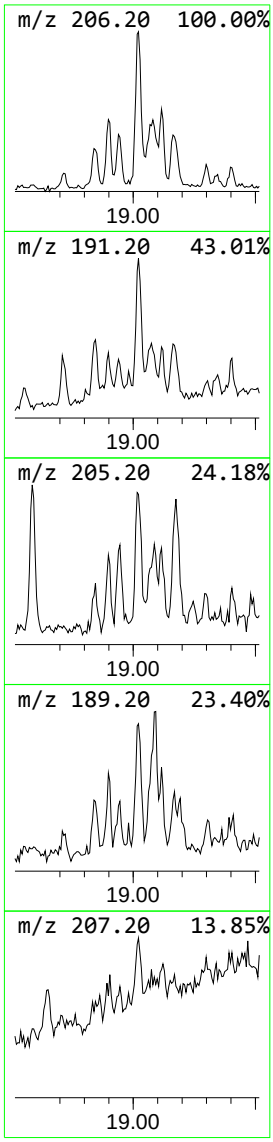
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	2.12 ng/ul	103946	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

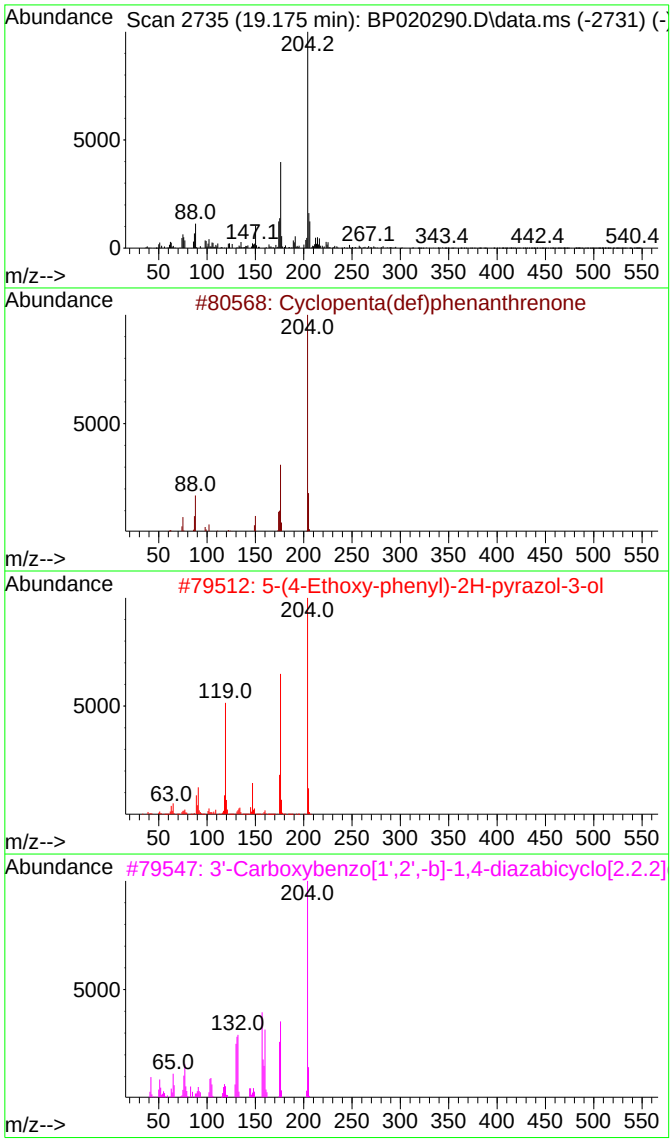
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

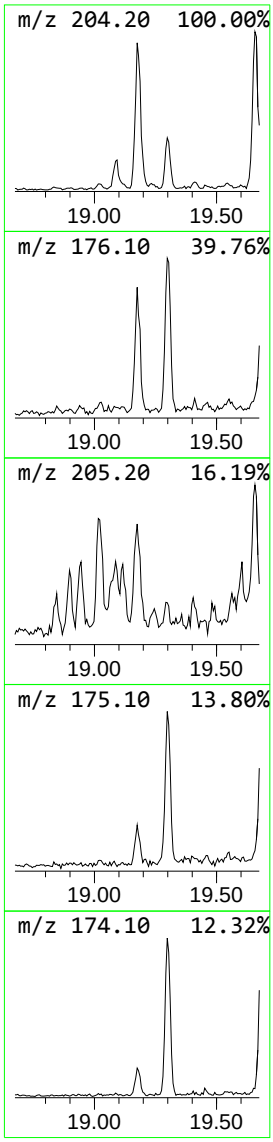
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	3.57 ng/ul	174989	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

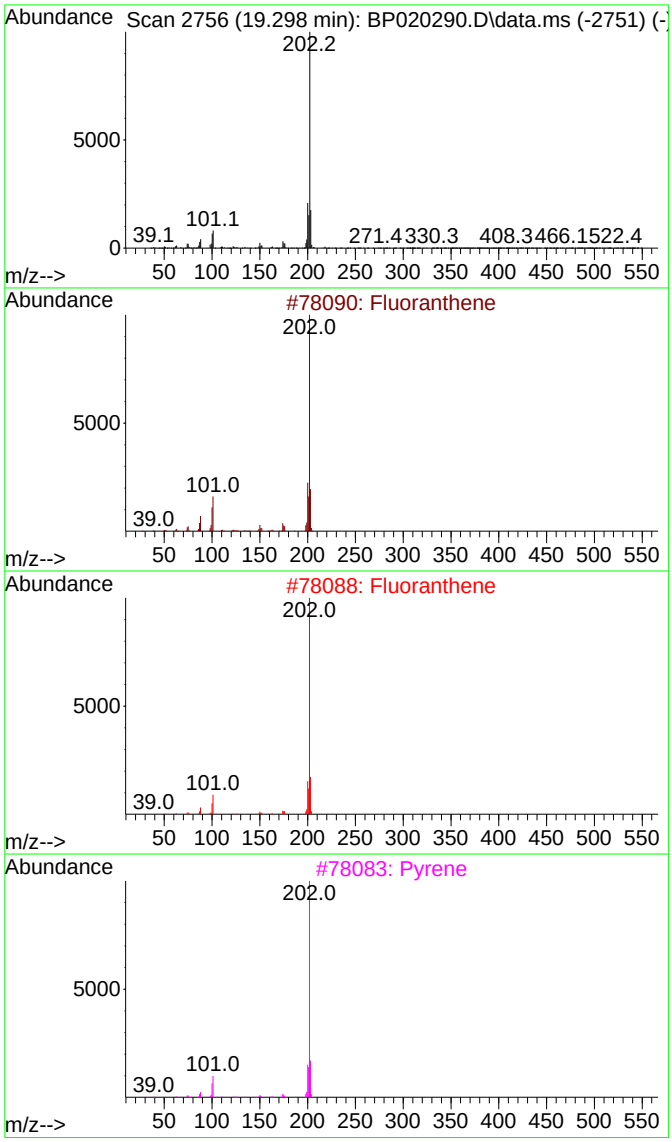
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

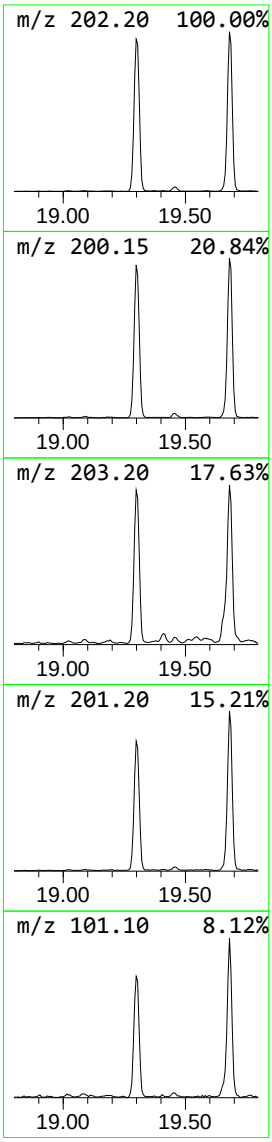
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	40.38 ng/ul	1978370	Phenanthrene-d10	17.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	96
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	89
5	Pyrene	202	C16H10	000129-00-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020290.D
Acq On : 10 May 2024 14:14
Operator : MA/JU
Sample : P2370-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Aceto phenone	8.452	4.7	ng/ul	94816	1	7.616	405836	20.0
Fluo rene	15.375	2.5	ng/ul	94835	3	14.293	770551	20.0
5H-Indeno[1,2-b...	17.581	3.5	ng/ul	169190	4	17.140	979812	20.0
1H-Cyclopropa[l...	18.057	3.6	ng/ul	176759	4	17.140	979812	20.0
Anthracene, 2-m...	18.104	9.9	ng/ul	486889	4	17.140	979812	20.0
Phenanthrene, 1...	18.186	2.0	ng/ul	99308	4	17.140	979812	20.0
4H-Cyclopenta[d...	18.251	6.2	ng/ul	304312	4	17.140	979812	20.0
Phenanthrene, 2...	18.292	2.8	ng/ul	137757	4	17.140	979812	20.0
5,16[1',2']:8,1...	18.586	2.8	ng/ul	136316	4	17.140	979812	20.0
9,10-Anthracene...	18.645	2.4	ng/ul	119385	4	17.140	979812	20.0
di-p-Tolylacety...	19.016	2.1	ng/ul	103946	4	17.140	979812	20.0
Cyclopenta(def)...	19.175	3.6	ng/ul	174989	4	17.140	979812	20.0
Fluoran thene	19.298	40.4	ng/ul	1978370	4	17.140	979812	20.0