LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43R3

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: BP020297.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	13101	19012	0.56%	0.051%
2	3.623	88	91	103	rBV	79265	154913	4.58%	0.415%
3	3.711	103	106	114	rVB3	16939	26373	0.78%	0.071%
4	4.787	284	289	294	rVB2	5493	8757	0.26%	0.023%
5	5.911	474	480	491	rVB10	4729	10438	0.31%	0.028%
6	6.811	625	633	647	rBV	183689	412150	12.17%	1.104%
7	6.969	654	660	678	rVB	163691	291210	8.60%	0.780%
8	7.152	684	691	706	rBV	219150	410476	12.12%	1.099%
9	7.616	763	770	780	rBV	232046	407812	12.04%	1.092%
10	8.334	884	892	907	rBV	207220	460866	13.61%	1.234%
11	8.452	907	912	925	rVB2	34090	68119	2.01%	0.182%
12	8.775	961	967	986	rBV	215448	428850	12.67%	1.149%
13	9.375	1063	1069	1073	rBV7	4653	9714	0.29%	0.026%
14	9.487	1079	1088	1104	rBV	167162	366991	10.84%	0.983%
15	10.034	1173	1181	1200	rBV	209581	543847	16.06%	1.457%
16	10.216	1204	1212	1229	rVV3	15483	55971	1.65%	0.150%
17	10.387	1233	1241	1247	rVV	328639	574051	16.95%	1.537%
18	10.434	1247	1249	1261	rVB	21651	36617	1.08%	0.098%
19	10.557	1261	1270	1290	rBV	175361	455718	13.46%	1.221%
20	11.187	1371	1377	1384	rBV4	7477	18608	0.55%	0.050%
21	11.999	1510	1515	1522	rVV2	4784	9016	0.27%	0.024%
22	12.069	1522	1527	1538	rVB2	12152	27144	0.80%	0.073%
23	12.287	1557	1564	1574	rBV2	11738	25828	0.76%	0.069%
24	13.098	1694	1702	1709	rBV4	12668	31895	0.94%	0.085%
25	13.163	1709	1713	1721	rVB4	7075	12955	0.38%	0.035%
26	13.251	1721	1728	1734	rBV8	7844	15467	0.46%	0.041%
27	13.440	1754	1760	1765	rBV8	5723	15574	0.46%	0.042%
28	13.593	1780	1786	1791	rBV2	12401	25241	0.75%	0.068%
29	13.651	1793	1796	1798	rVV4	6063	8573	0.25%	0.023%
30	13.704	1798	1805	1817	rVB	531828	887268	26.21%	2.376%
31	13.828	1823	1826	1830	rVV6	5730	8941	0.26%	0.024%
32	13.975	1843	1851	1867	rBV2	613304	1258296	37.16%	3.370%
33	14.181	1882	1886	1891	rVB2	12757	18586	0.55%	0.050%
34	14.287	1891	1904	1911	rBV	470237	805077	23.78%	2.156%
35	14.351	1911	1915	1919	rVV	14758	26035	0.77%	0.070%
36	14.522	1935	1944	1948	rBV5	24720	58279	1.72%	0.156%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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	14.581	1948	1954	1964	rBV3	64702	210459	6.22%	0.564%
38	14.704	1971	1975	1980	rVV2	9959	17177	0.51%	0.046%
39	14.775	1984	1987	1992	rVB5	9280	13983	0.41%	0.037%
40	14.922	2008	2012	2018	rVB8	6501	10615	0.31%	0.028%
41	15.175	2050	2055	2063	rVB5	19296	35511	1.05%	0.095%
42	15.316	2067	2079	2085	rBV	815139	1312668	38.77%	3.516%
43	15.375	2085	2089	2100	rVB2	49618	93993	2.78%	0.252%
44	15.481	2100	2107	2117	rBV	75846	152326	4.50%	0.408%
45	15.587	2123	2125	2129	rVB2	8908	10187	0.30%	0.027%
46	15.681	2138	2141	2148	rVB3	7832	13211	0.39%	0.035%
47	15.828	2157	2166	2175	rVB9	9382	26859	0.79%	0.072%
48	16.087	2201	2210	2221	rBV6	27825	87493	2.58%	0.234%
49	16.416	2259	2266	2270	rBV8	11701	25611	0.76%	0.069%
50	16.539	2284	2287	2290	rBV5	7373	7790	0.23%	0.021%
51	16.781	2323	2328	2336	rBV	90412	146015	4.31%	0.391%
52	16.898	2345	2348	2351	rBV3	13606	17591	0.52%	0.047%
53	16.945	2351	2356	2363	rVB	66191	109277	3.23%	0.293%
54	17.128	2380	2387	2390	rBV	704836	981233	28.98%	2.628%
55	17.169	2390	2394	2400	rVB	1455414	2161708	63.85%	5.790%
56	17.234	2400	2405	2410	rBV2	860289	1355077	40.02%	3.629%
57	17.334	2419	2422	2423	rBV2	10079	9174	0.27%	0.025%
58	17.581	2456	2464	2471	rVV3	22027	59011	1.74%	0.158%
59	17.675	2475	2480	2487	rBV2	75123	128895	3.81%	0.345%
60	17.745	2488	2492	2493	rBV2	11916	16493	0.49%	0.044%
61	17.963	2525	2529	2531	rBV5	18676	27247	0.80%	0.073%
62	18.045	2538	2543	2547	rBV	95000	158150	4.67%	0.424%
63	18.092	2547	2551	2560	rVV2	289727	505178	14.92%	1.353%
64	18.157	2560	2562	2564	rVV3	12879	14150	0.42%	0.038%
65	18.192	2564	2568	2572	rVB2	20404	33205	0.98%	0.089%
66	18.251	2572	2578	2582	rBV2	186891	317952	9.39%	0.852%
67	18.292	2582	2585	2592	rVB	83174	117877	3.48%	0.316%
68	18.392	2598	2602	2606	rBV5	19889	36044	1.06%	0.097%
69	18.433	2606	2609	2612	rVV3	17339	23614	0.70%	0.063%
70	18.575	2629	2633	2638	rBV	218452	301538	8.91%	0.808%
71	18.633	2638	2643	2650	rVB	149334	239328	7.07%	0.641%
72	18.886	2684	2686	2690	rVB2	20061	19380	0.57%	0.052%
73	18.928	2691	2693	2697	rVB2	18005	21199	0.63%	0.057%
74	19.010	2703	2707	2712	rBV2	51213	85204	2.52%	0.228%
75	19.069	2712	2717	2723	rBV3	93934	194476	5.74%	0.521%
76	19.169	2729	2734	2741	rBV	160517	257866	7.62%	0.691%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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	19.292	2748	2755	2764	rVB	1921441	2759305	81.50%	7.390%
78	19.451	2777	2782	2789	rBV	310276	496480	14.66%	1.330%
79	19.545	2792	2798	2801	rBV2	55086	97234	2.87%	0.260%
80	19.639	2808	2814	2816	rBV2	1307007	1918568	56.67%	5.138%
81	19.669	2816	2819	2829	rVB	2320709	3385782	100.00%	9.068%
82	20.016	2874	2878	2886	rVB5	68550	149334	4.41%	0.400%
83	20.204	2899	2910	2915	rBV4	96071	275795	8.15%	0.739%
84	20.310	2925	2928	2931	rBV	36719	45837	1.35%	0.123%
85	20.363	2933	2937	2941	rBV	111411	150416	4.44%	0.403%
86	20.510	2958	2962	2966	rBV	84273	111219	3.28%	0.298%
87	20.563	2967	2971	2978	rVB	99109	152492	4.50%	0.408%
88	21.004	3043	3046	3055	rVB	123822	201333	5.95%	0.539%
89	21.186	3073	3077	3081	rBV	103711	156637	4.63%	0.420%
90	21.233	3082	3085	3089	rVV	97329	172635	5.10%	0.462%
91	21.275	3089	3092	3095	rVV	178899	291643	8.61%	0.781%
92	21.310	3095	3098	3103	rVV3	173135	309257	9.13%	0.828%
93	21.363	3104	3107	3119	rVB	125797	195780	5.78%	0.524%
94	21.622	3143	3151	3157	rBV3	1004964	2515177	74.29%	6.736%
95	21.680	3157	3161	3176	rVB	462079	884907	26.14%	2.370%
96	23.933	3536	3544	3551	rBV	400195	1308172	38.64%	3.504%
97	24.674	3664	3670	3676	rBV	247372	581020	17.16%	1.556%
98	24.757	3677	3684	3691	rVV2	628229	1775335	52.44%	4.755%
99	24.833	3691	3697	3710	rVB3	309636	981915	29.00%	2.630%
100	24.986	3716	3723	3732	rBV	395619	1071953	31.66%	2.871%

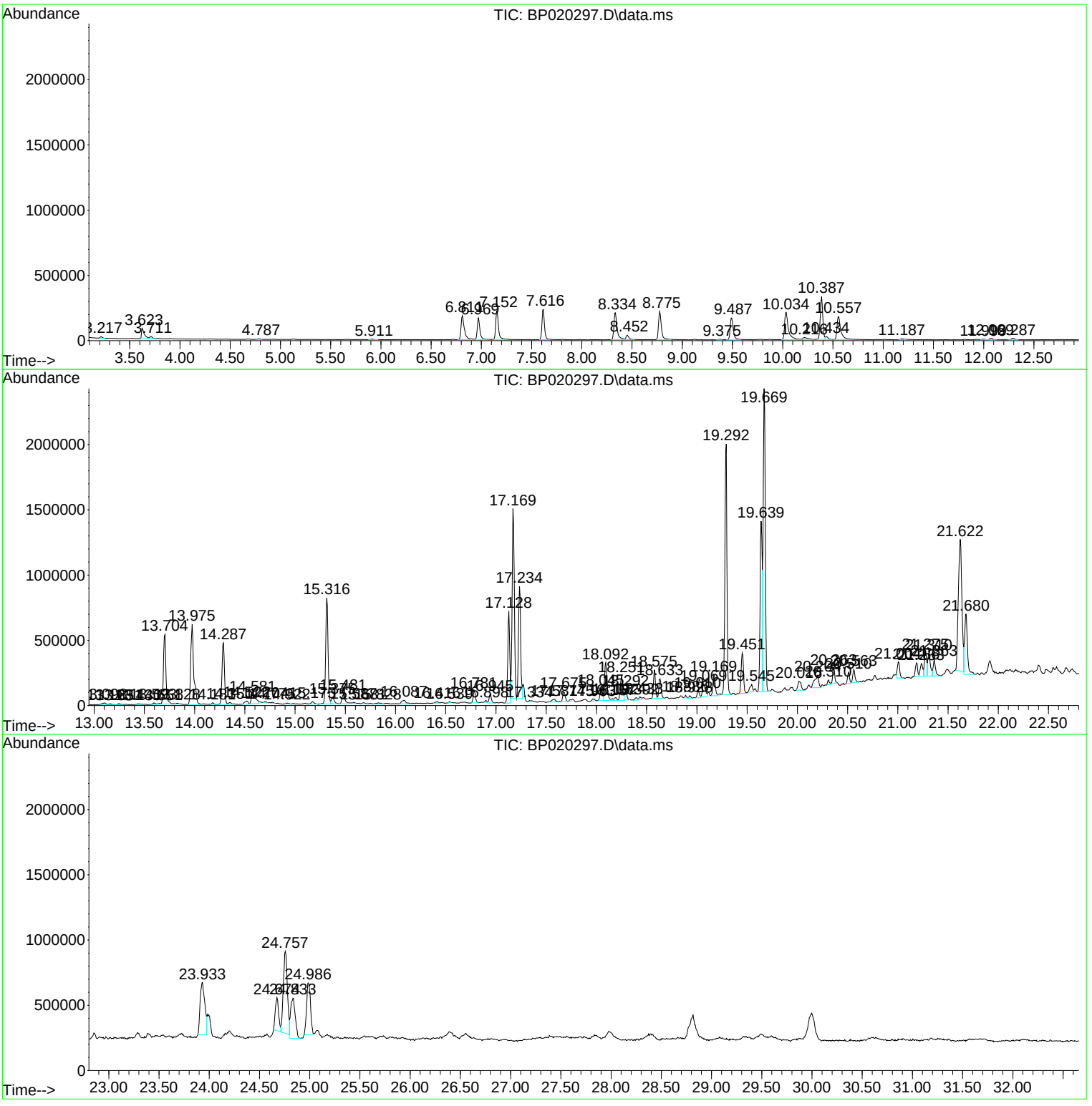
Sum of corrected areas: 37337659

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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 : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

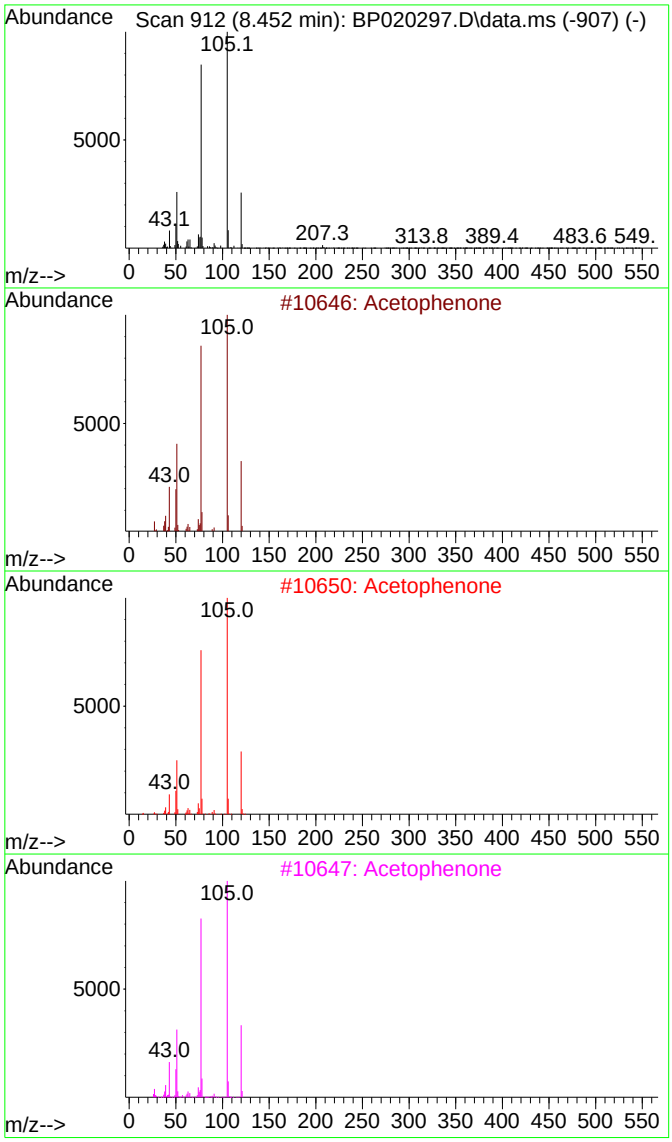
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

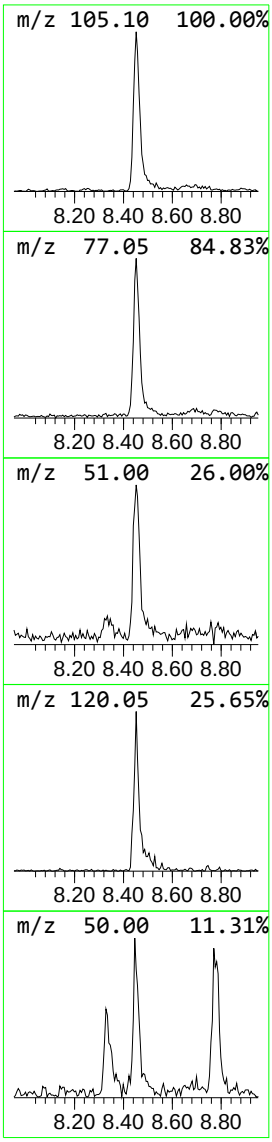
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.452	3.34 ng/ul	68119	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	90
5	Acetophenone	120	C8H8O	000098-86-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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

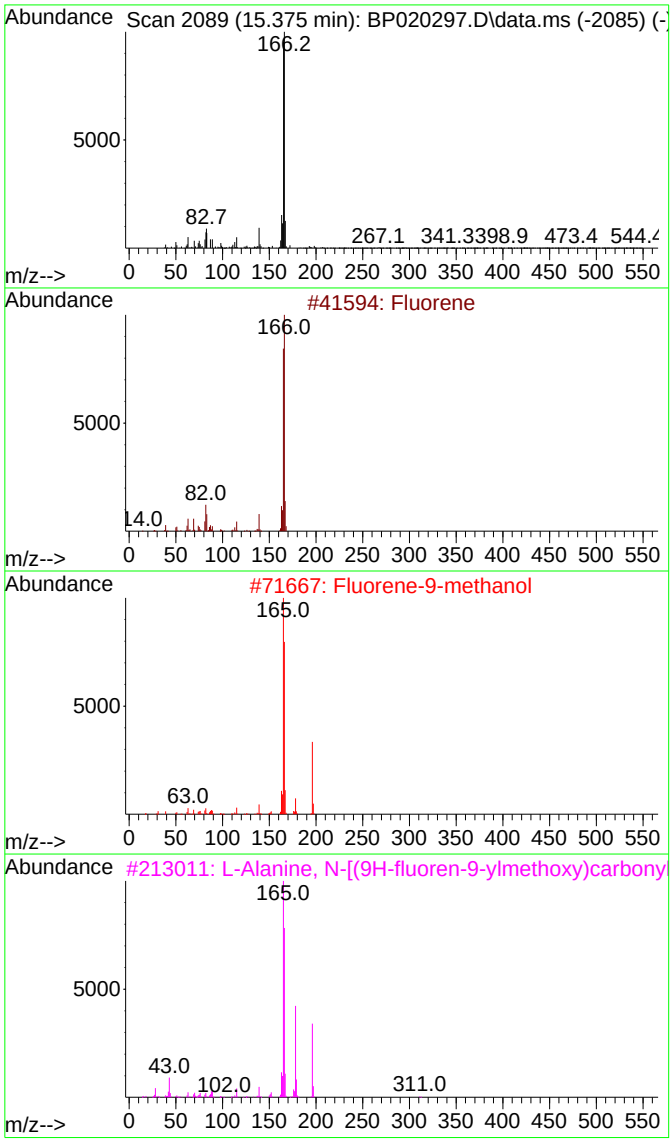
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

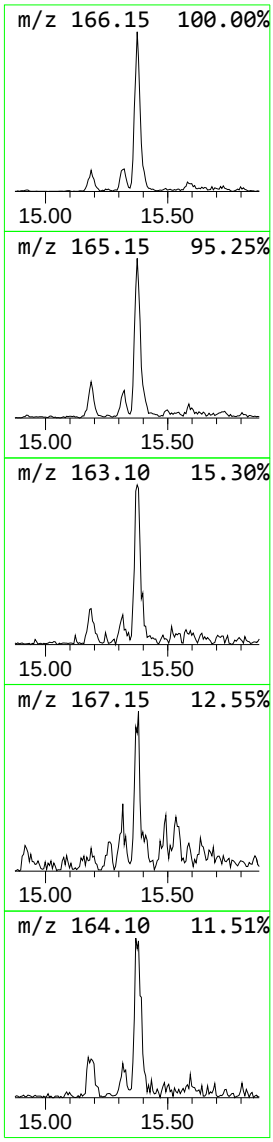
****

Peak Number 2 Fluo rene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	2.34 ng/ul	93993	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	86
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	83
3	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	83
4	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	83
5	Fluorene	166	C13H10	000086-73-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

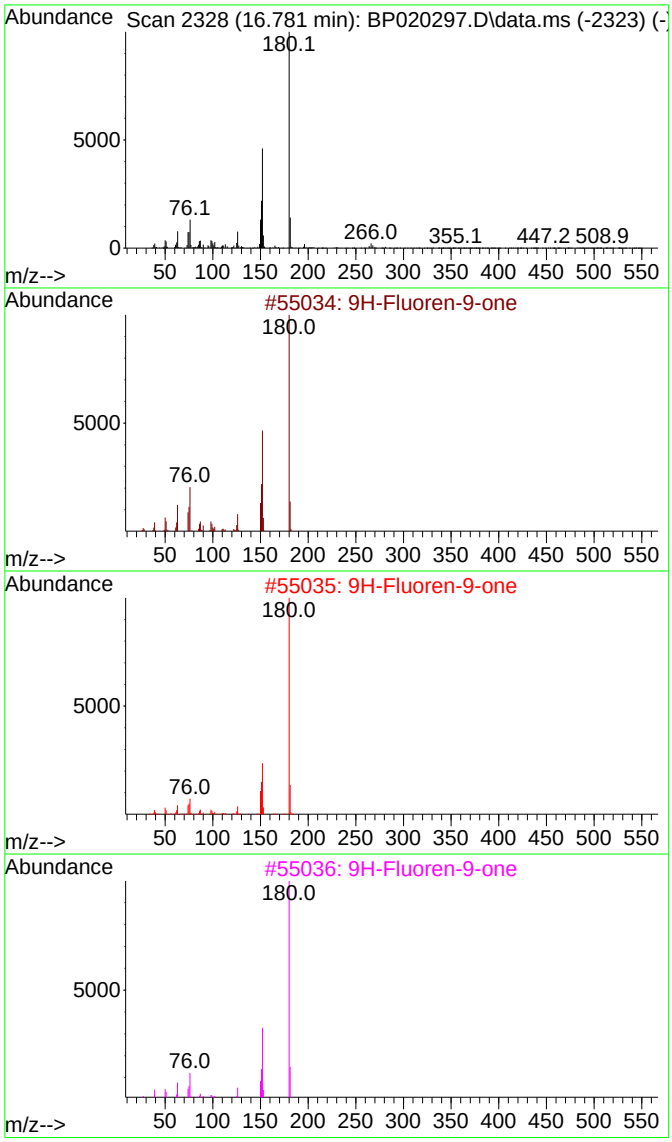
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

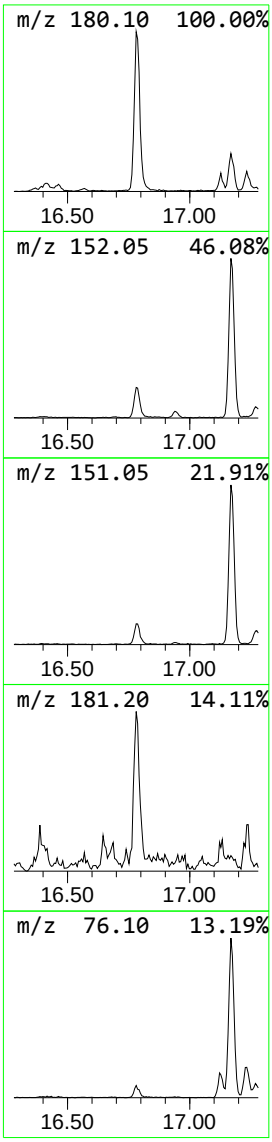
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.781	2.98 ng/ul	146015	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
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	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

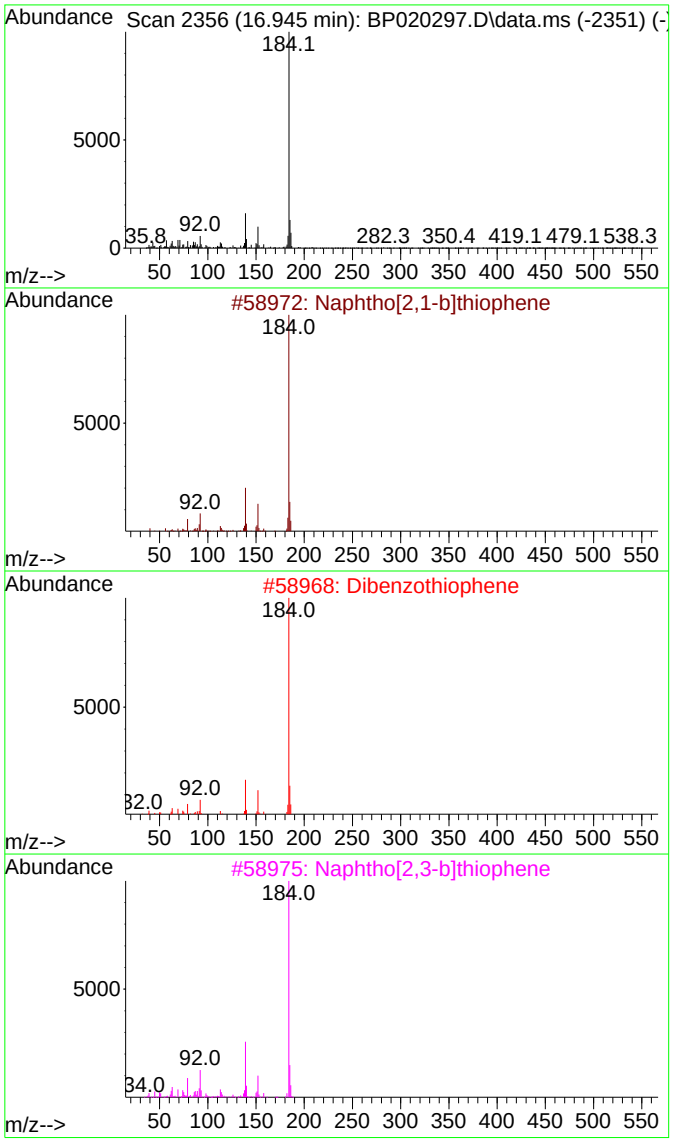
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

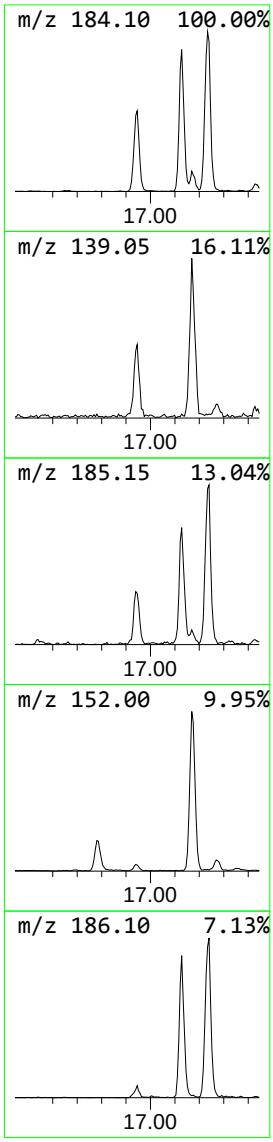
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	2.23 ng/ul	109277	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

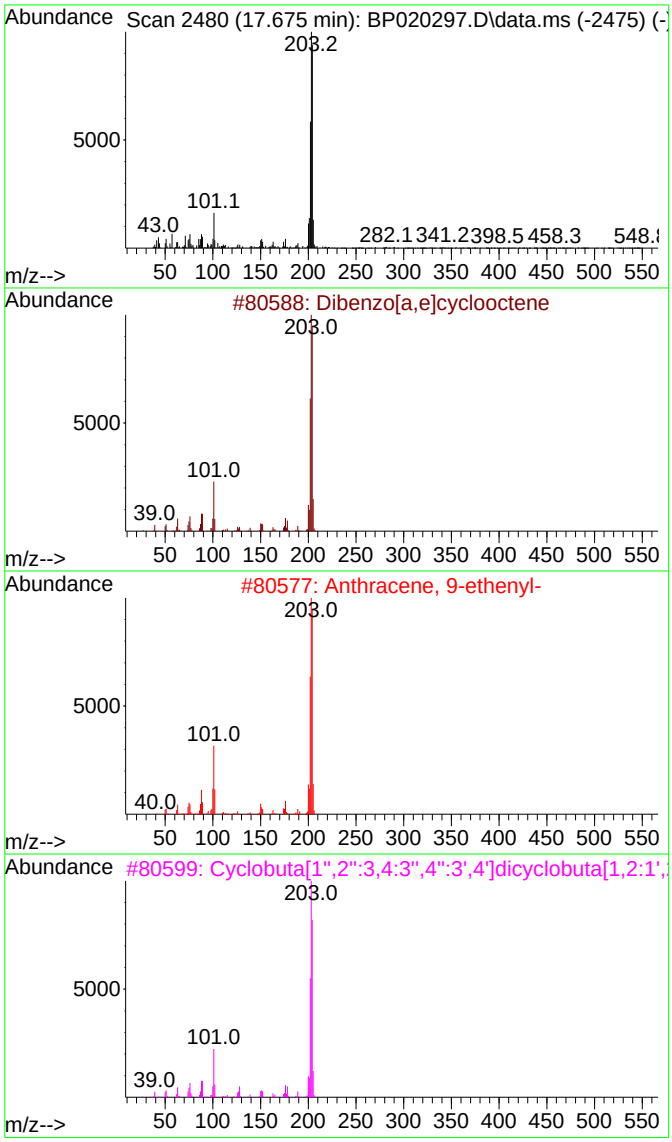
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

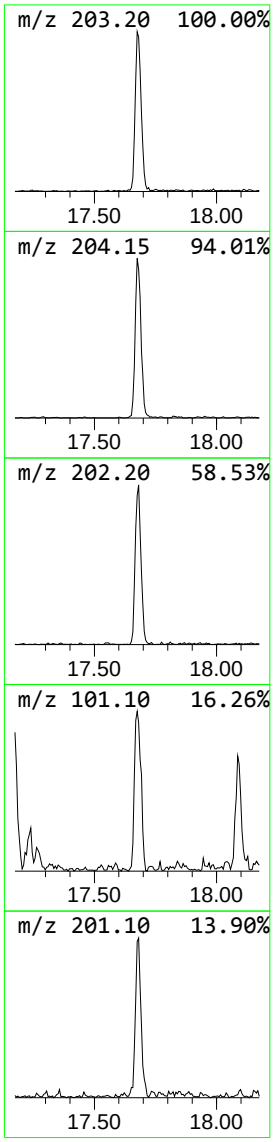
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzo[a,e]cyclooctene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	2.63 ng/ul	128895	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

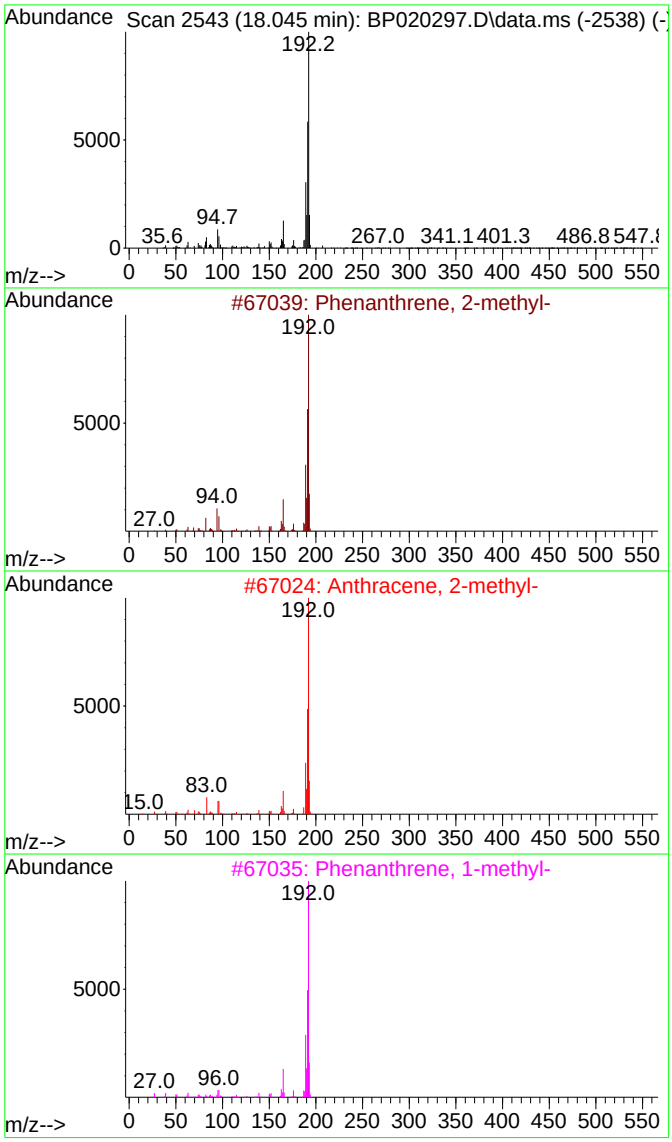
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

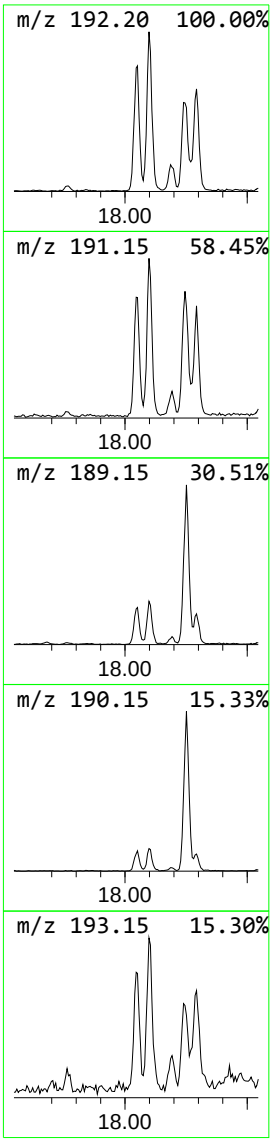
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	3.22 ng/ul	158150	Phenanthrene-d10	17.128

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





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Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

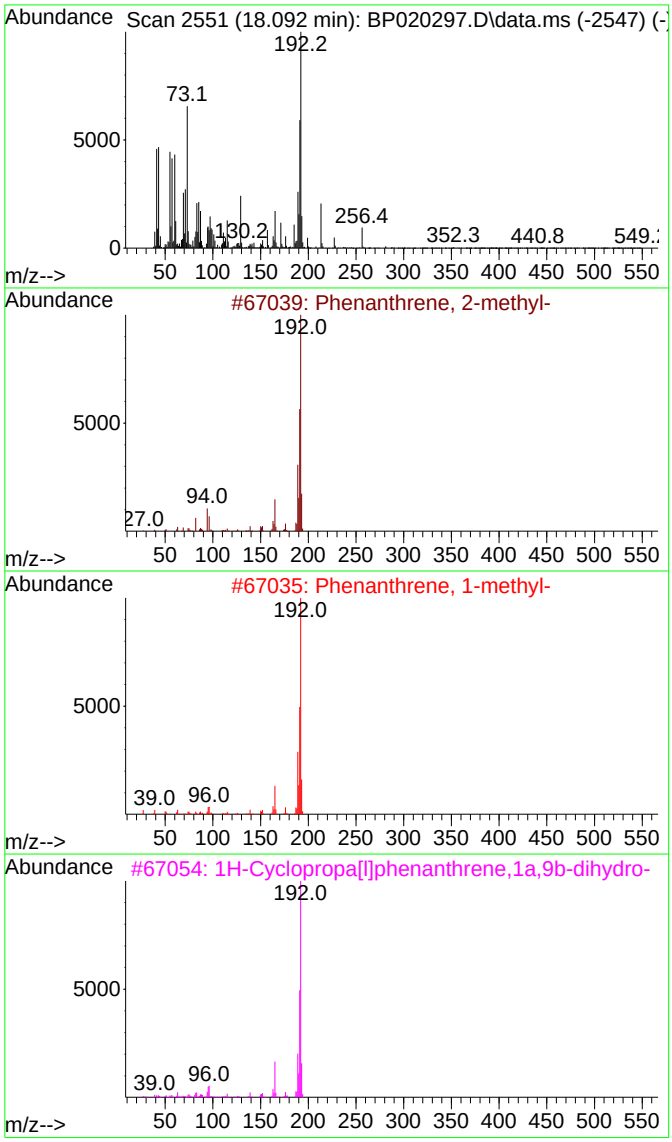
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

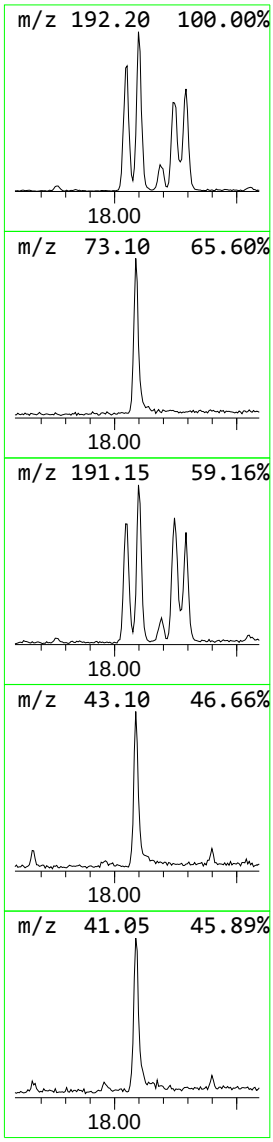
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	10.30 ng/ul	505178	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

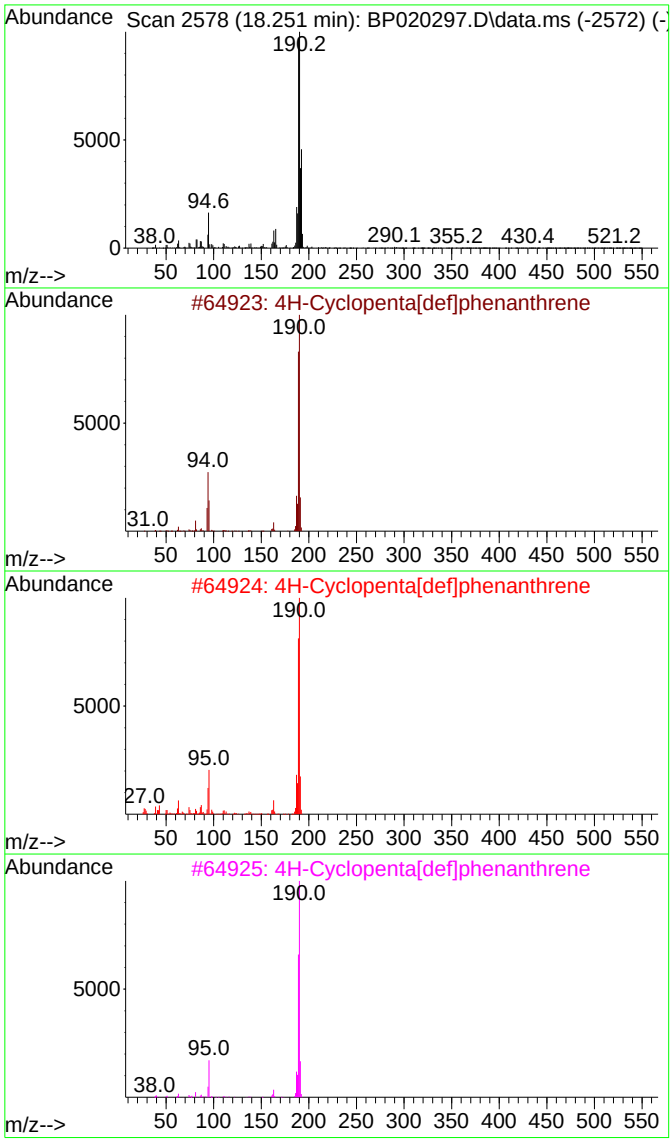
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

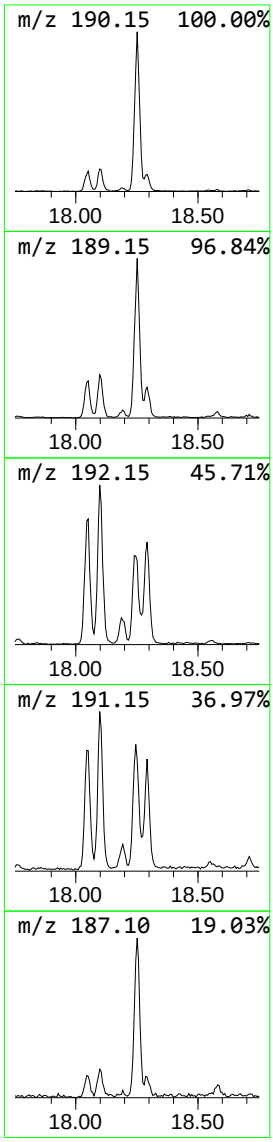
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	6.48 ng/ul	317952	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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

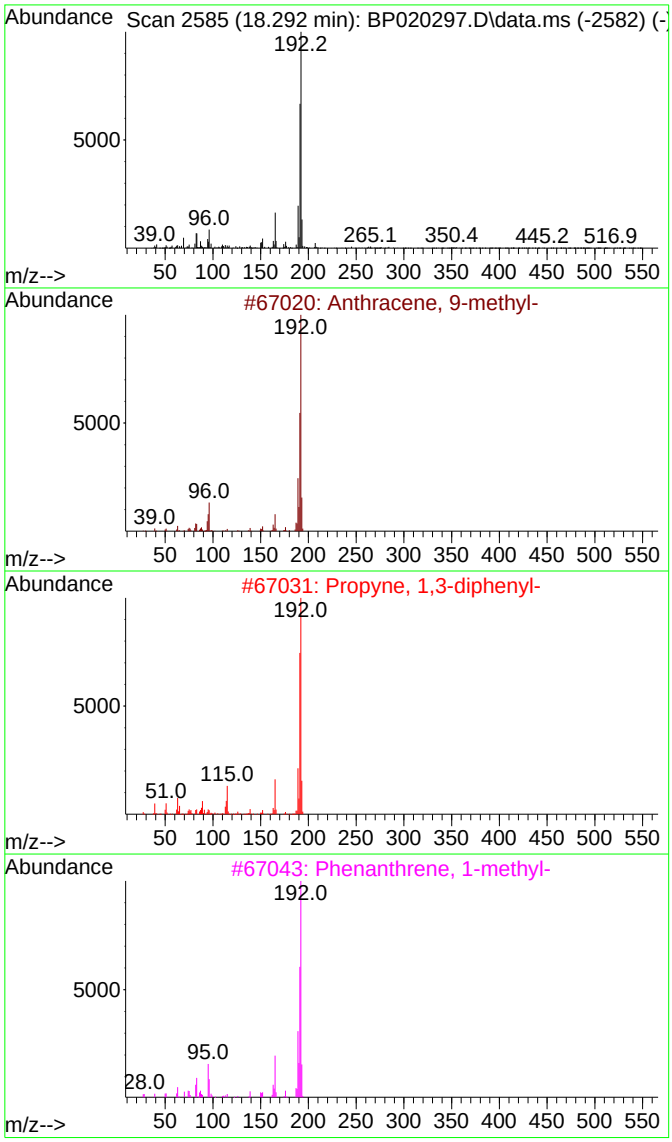
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

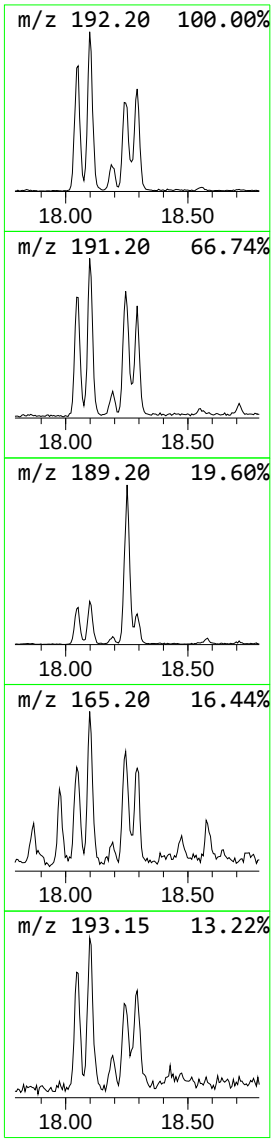
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.40 ng/ul	117877	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

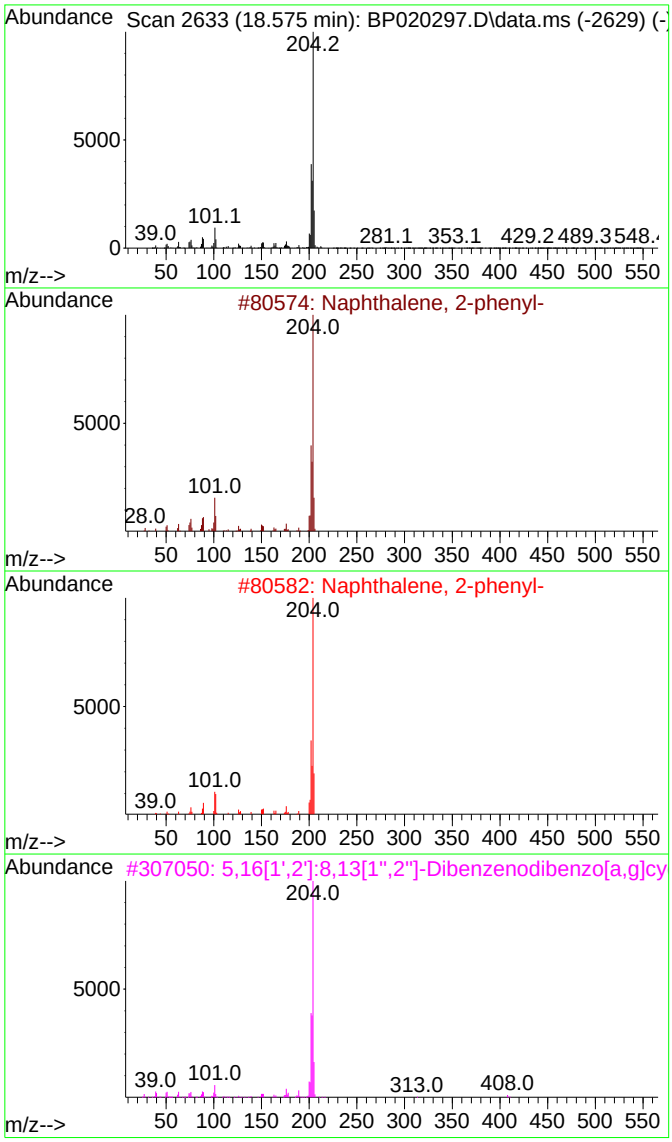
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

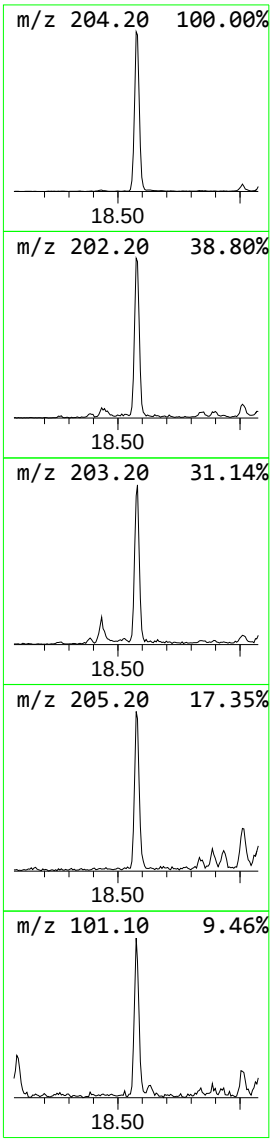
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	6.15 ng/ul	301538	Phenanthrene-d10	17.128

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	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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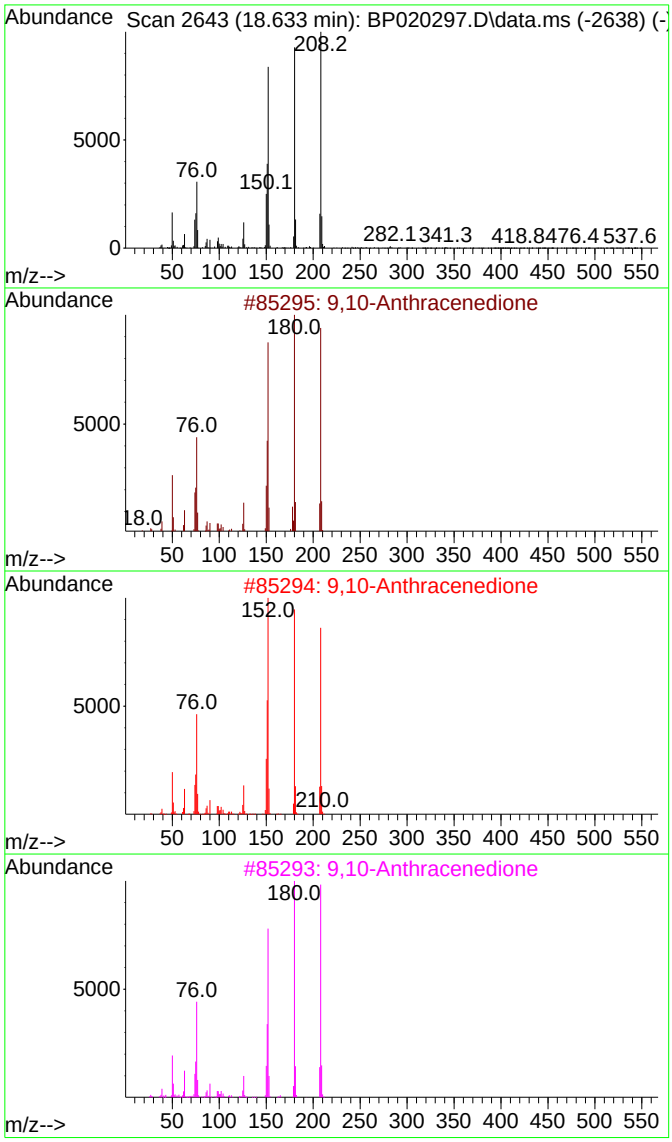
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

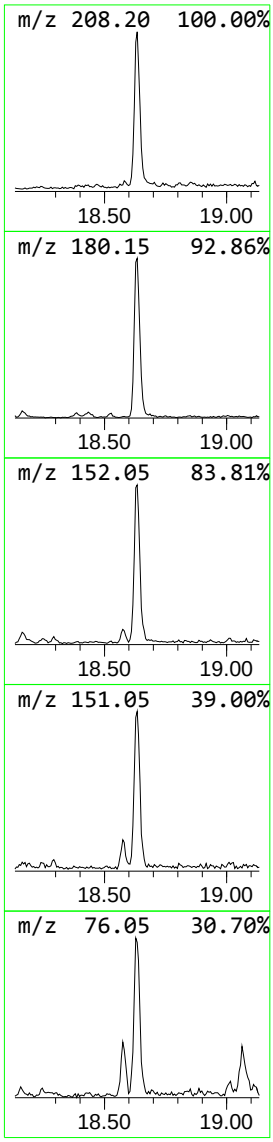
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	4.88 ng/ul	239328	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

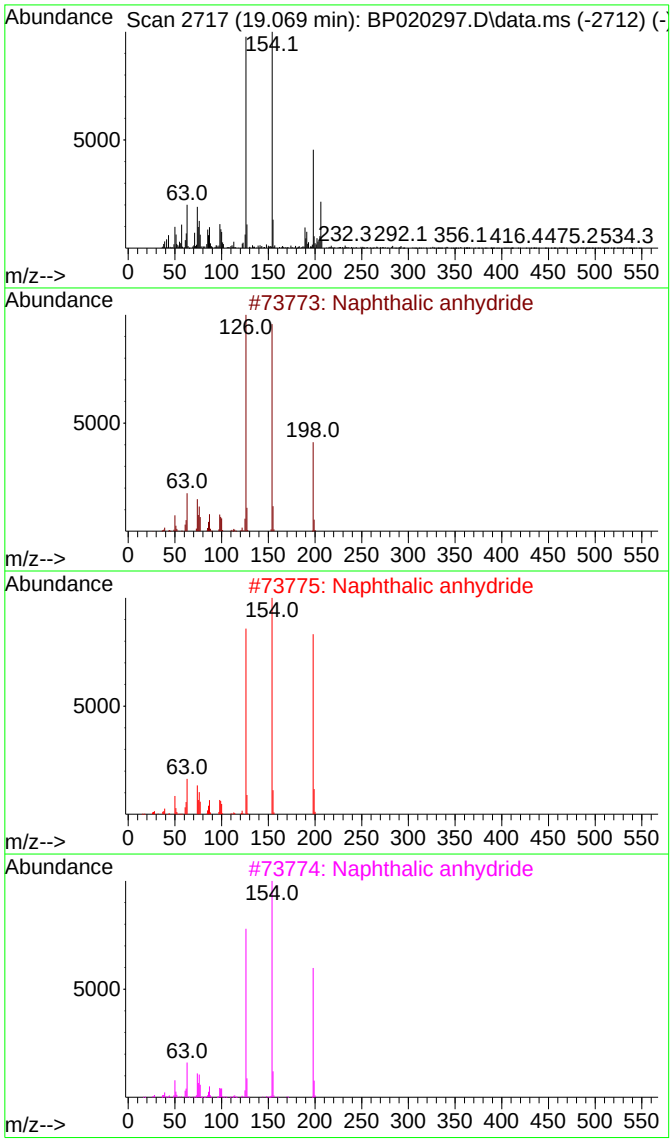
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

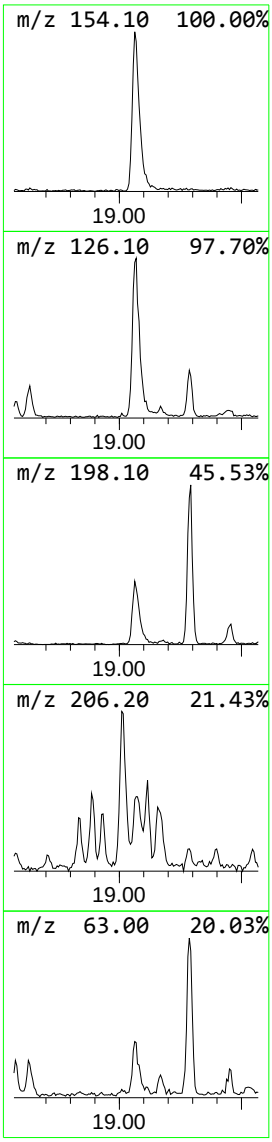
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	3.96 ng/ul	194476	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	91





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Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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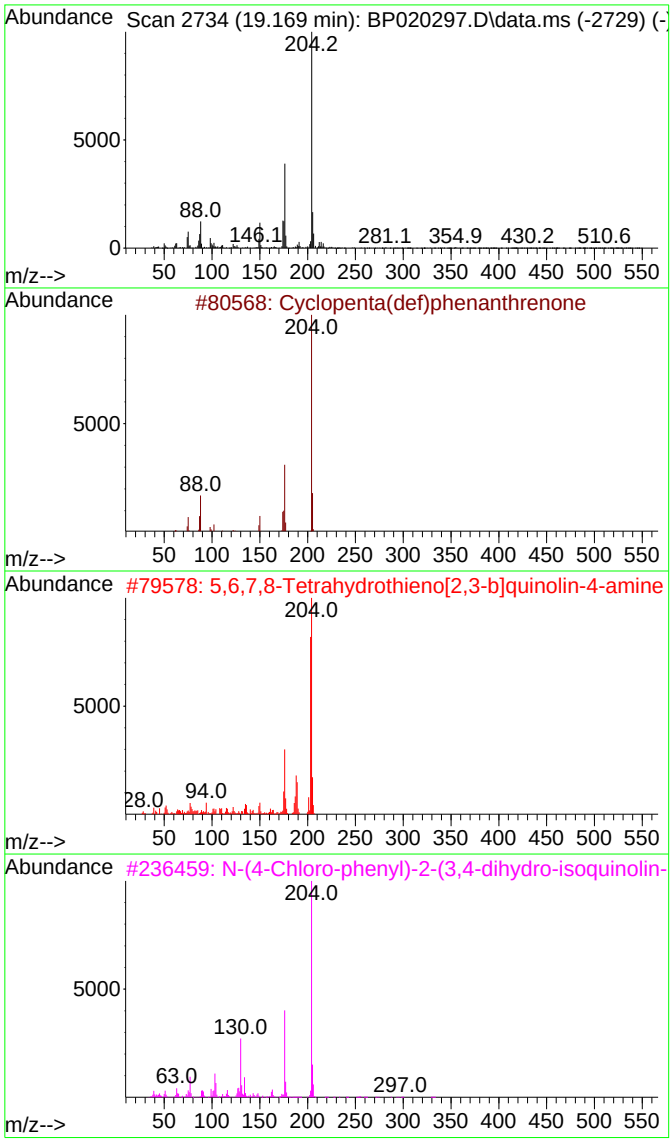
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

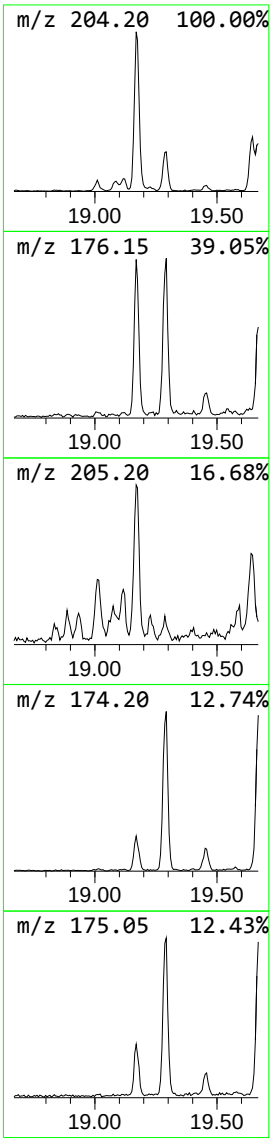
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	5.26 ng/ul	257866	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50





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Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

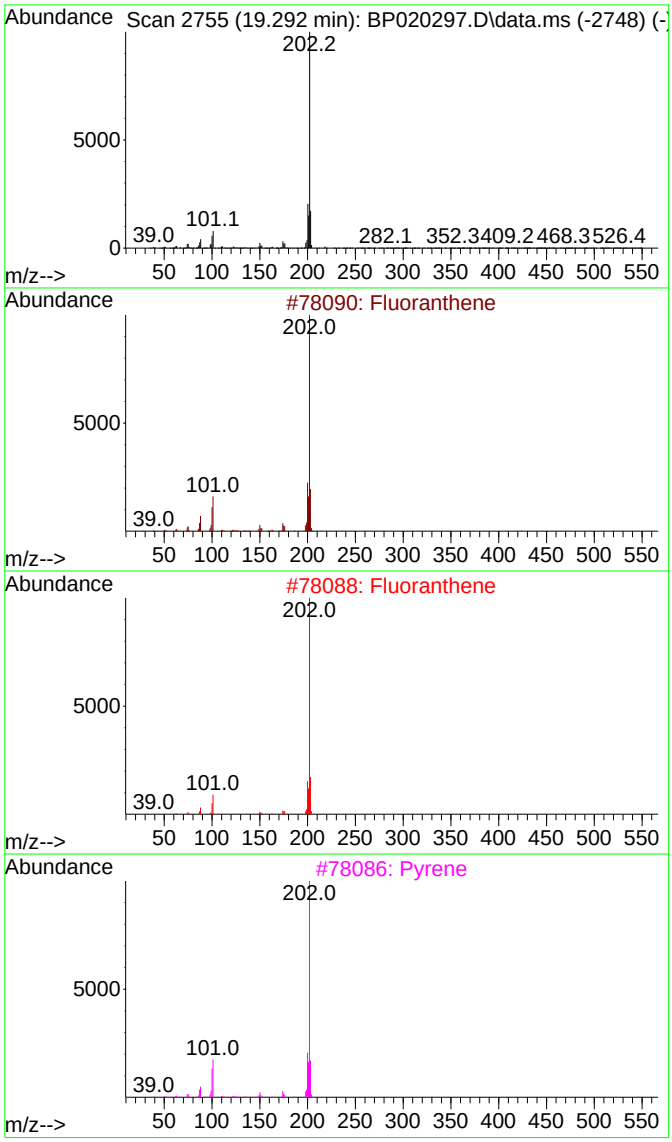
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

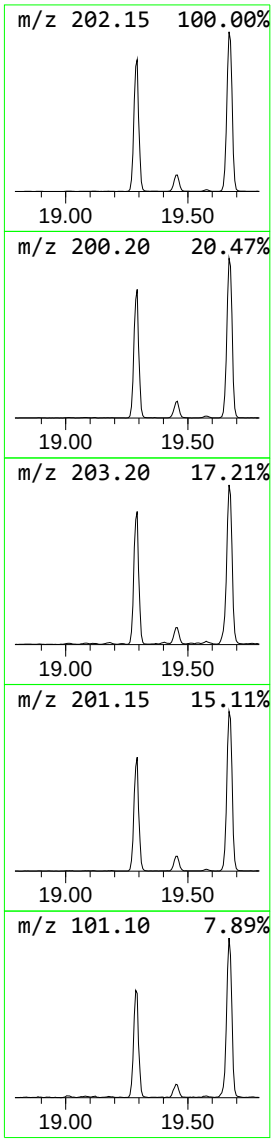
****

Peak Number 14 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	56.24 ng/ul	2759310	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	87
5	Pyrene	202	C16H10	000129-00-0	87





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Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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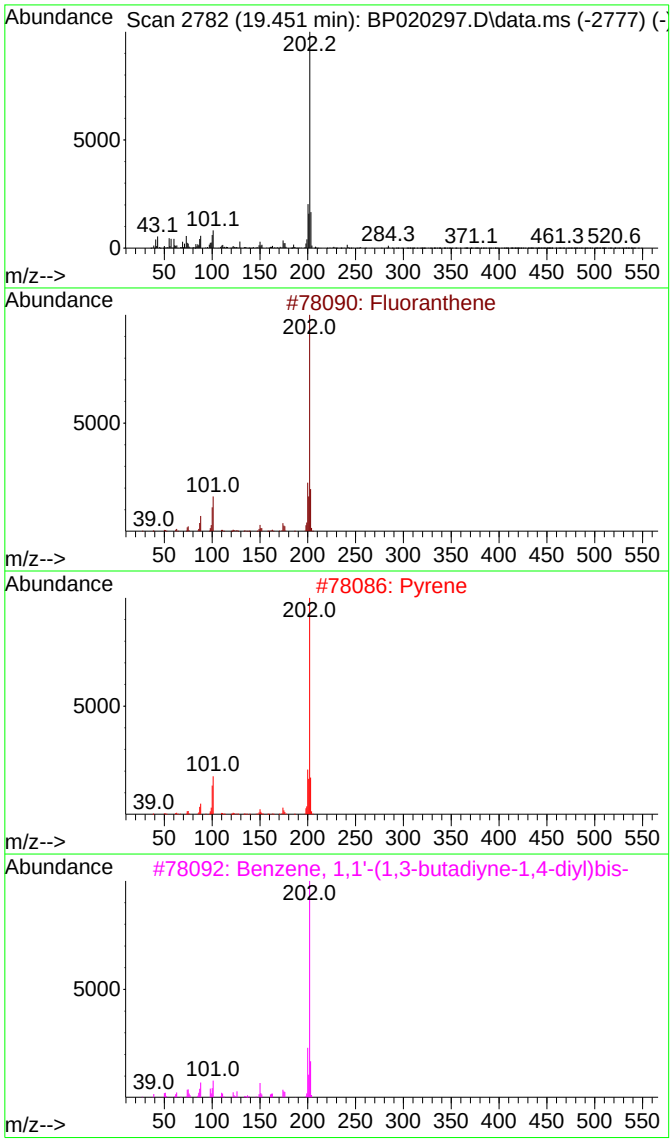
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

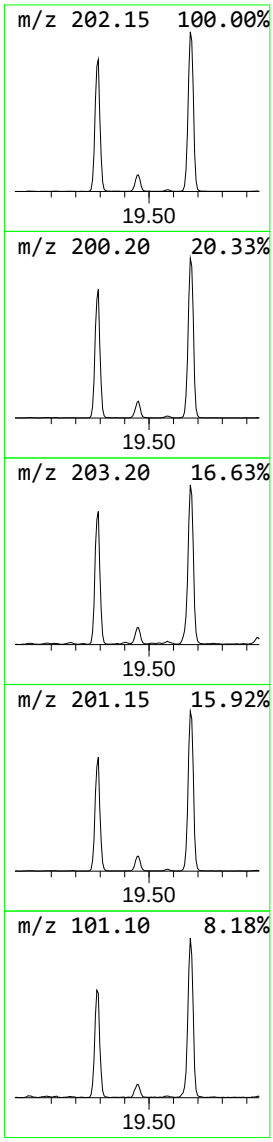
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyr ene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	3.95 ng/ul	496480	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	93
2	Pyrene	202	C16H10	000129-00-0	89
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
5	Fluoranthene	202	C16H10	000206-44-0	81





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Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

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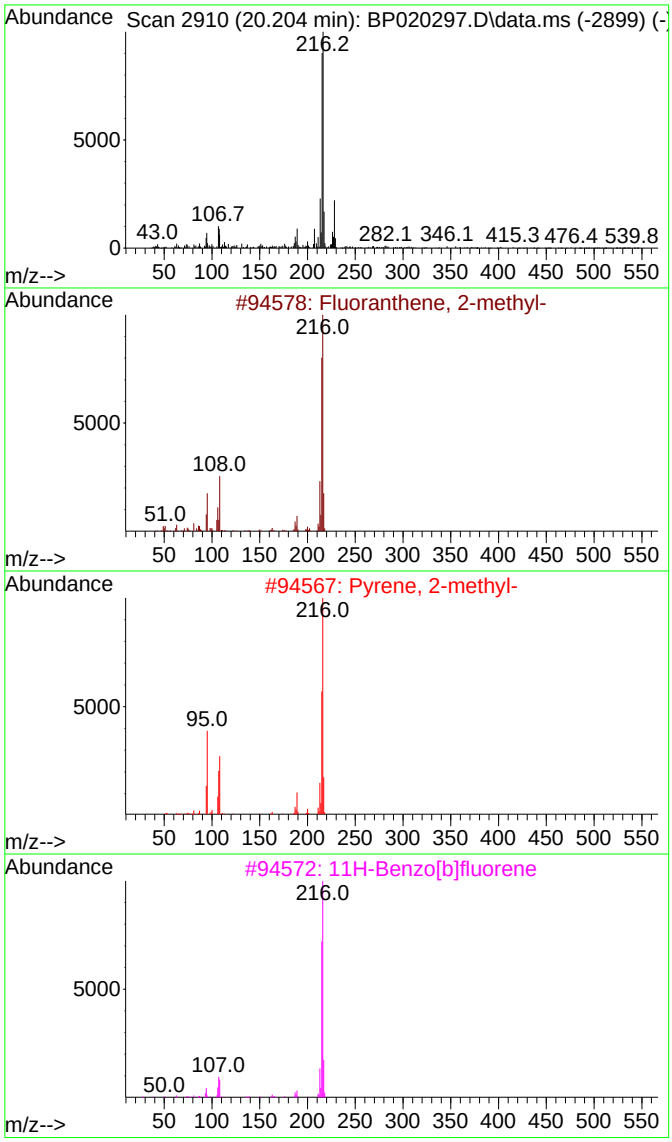
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

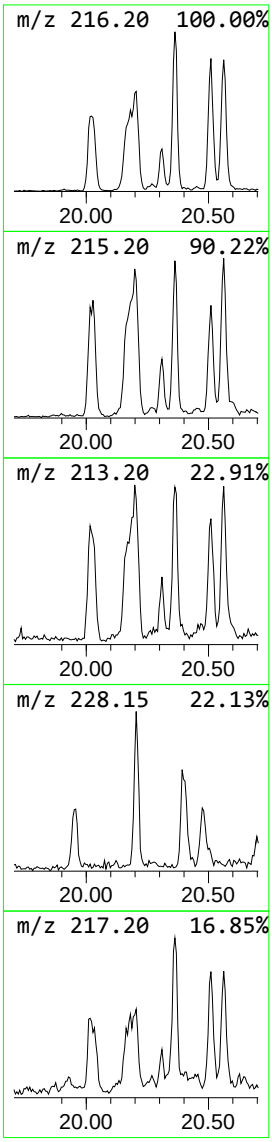
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	2.19 ng/ul	275795	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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

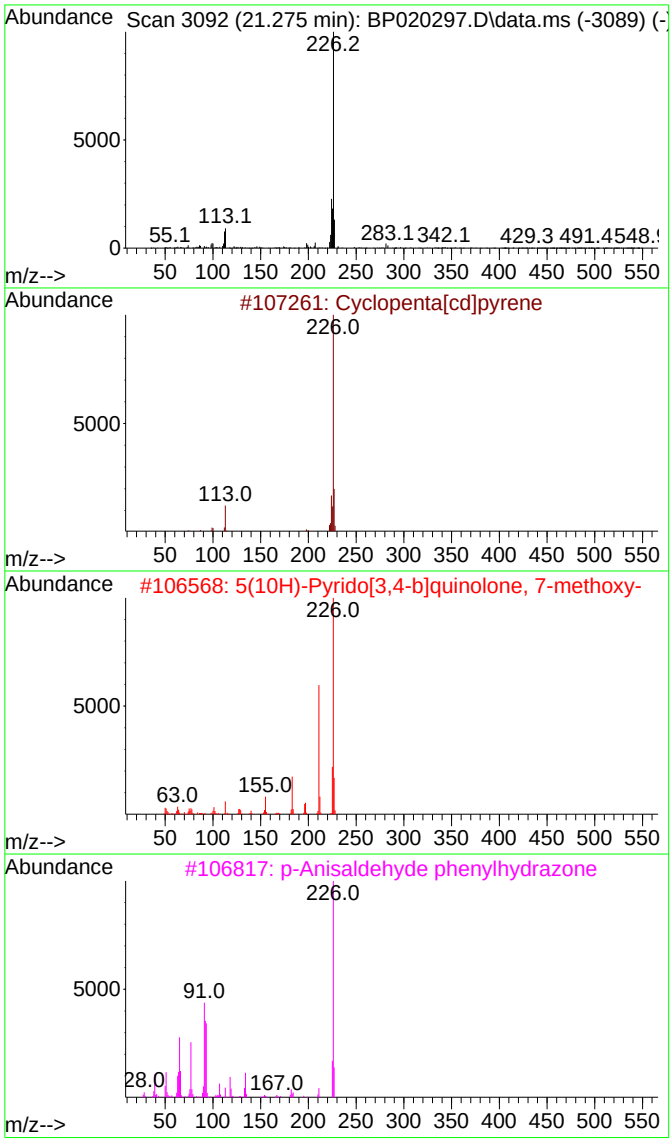
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

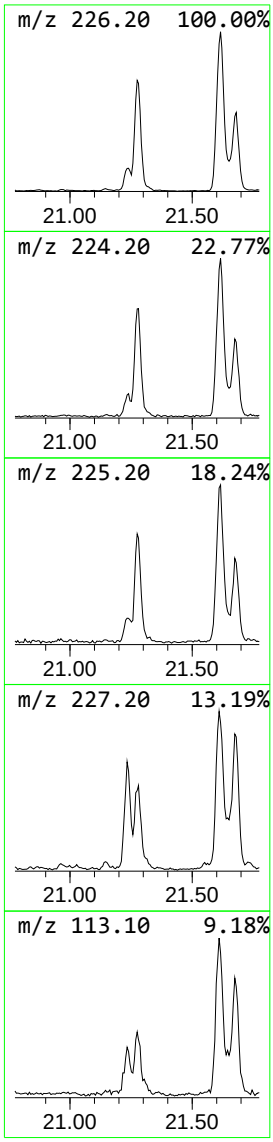
****

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	2.32 ng/ul	291643	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	59
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	45
4	2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	42
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	38





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Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

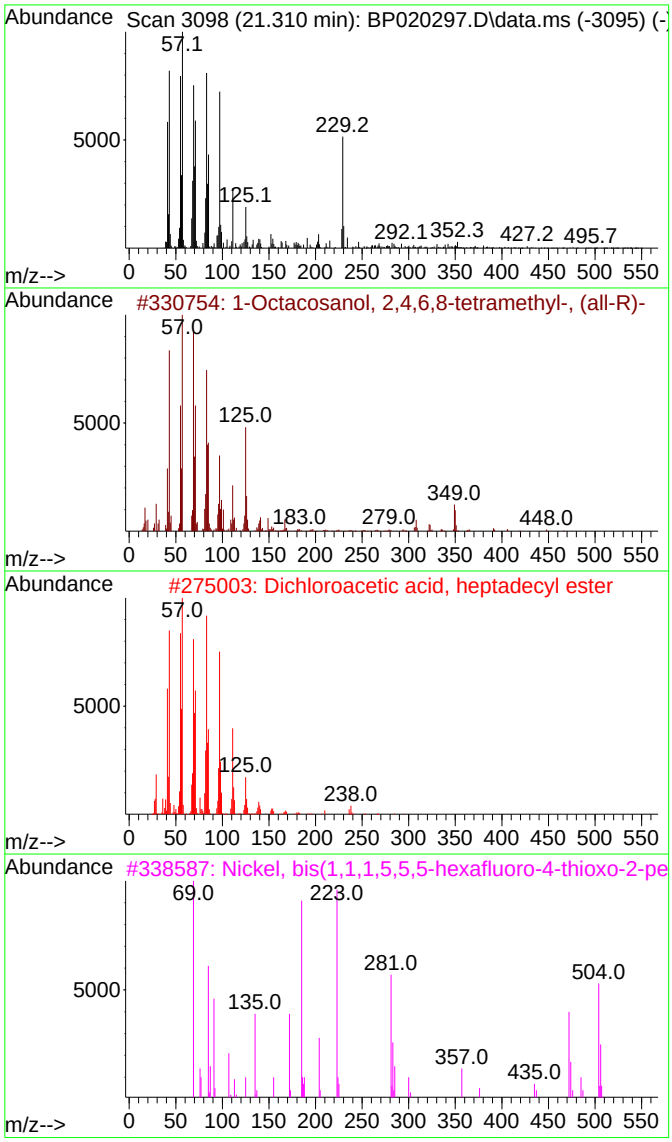
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

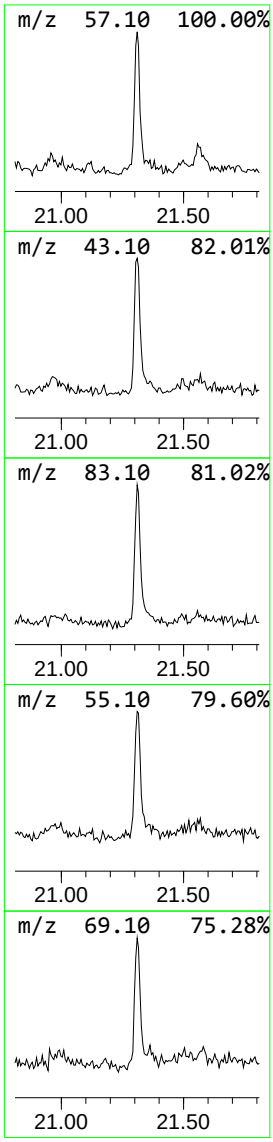
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Octacosanol, 2,4,6,8-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	2.46 ng/ul	309257	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octacosanol, 2,4,6,8-tetrameth...	467	C32H66O	027829-63-6	89
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	74
3	Nickel, bis(1,1,1,5,5,5-hexafluo...	504	C10H2F12NiO2S2	031541-97-6	60
4	1-Tetracosene	336	C24H48	010192-32-2	58
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	53





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Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

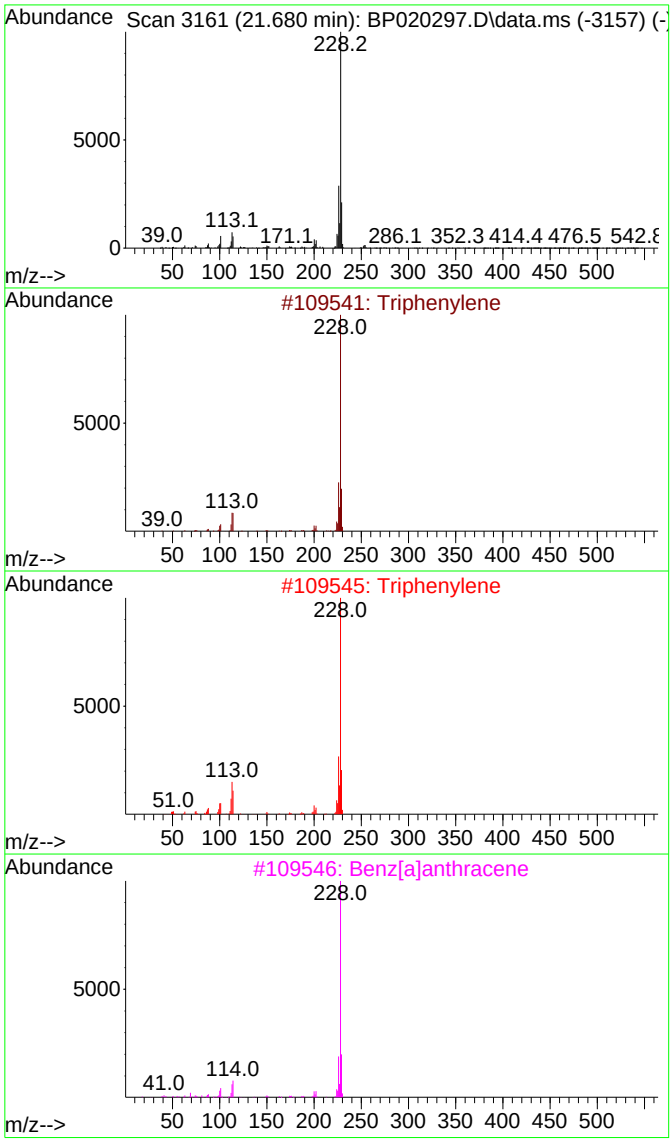
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

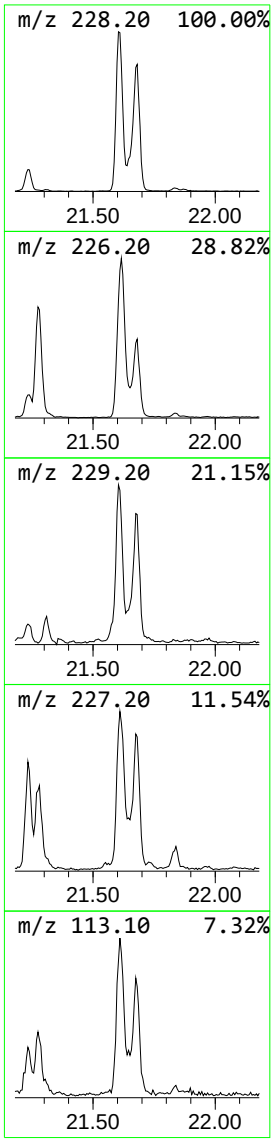
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.680	7.04 ng/ul	884907	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	93
2	Triphenylene	228	C18H12	000217-59-4	93
3	Benz[a]anthracene	228	C18H12	000056-55-3	90
4	Triphenylene	228	C18H12	000217-59-4	90
5	Benz[a]anthracene	228	C18H12	000056-55-3	90





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Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

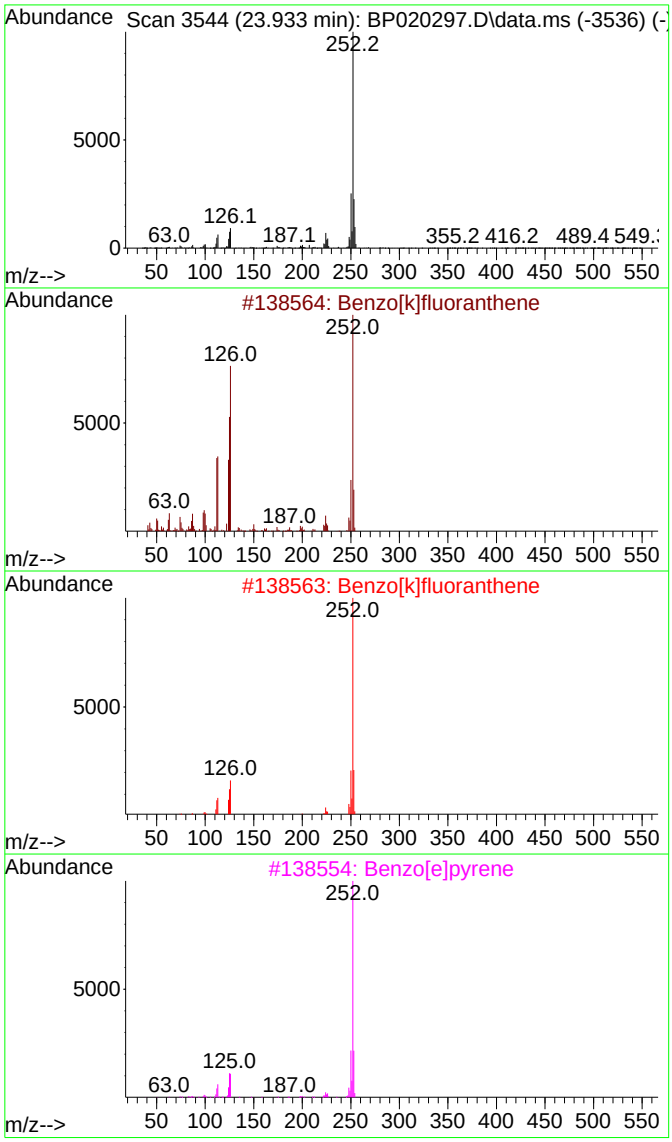
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

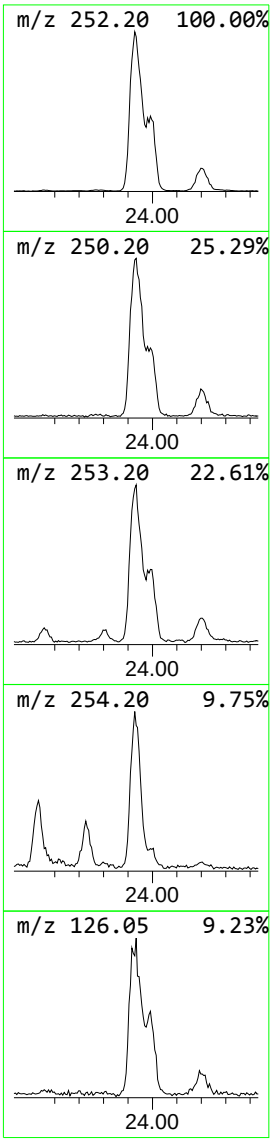
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[k]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.933	24.41 ng/ul	1308170	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





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Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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

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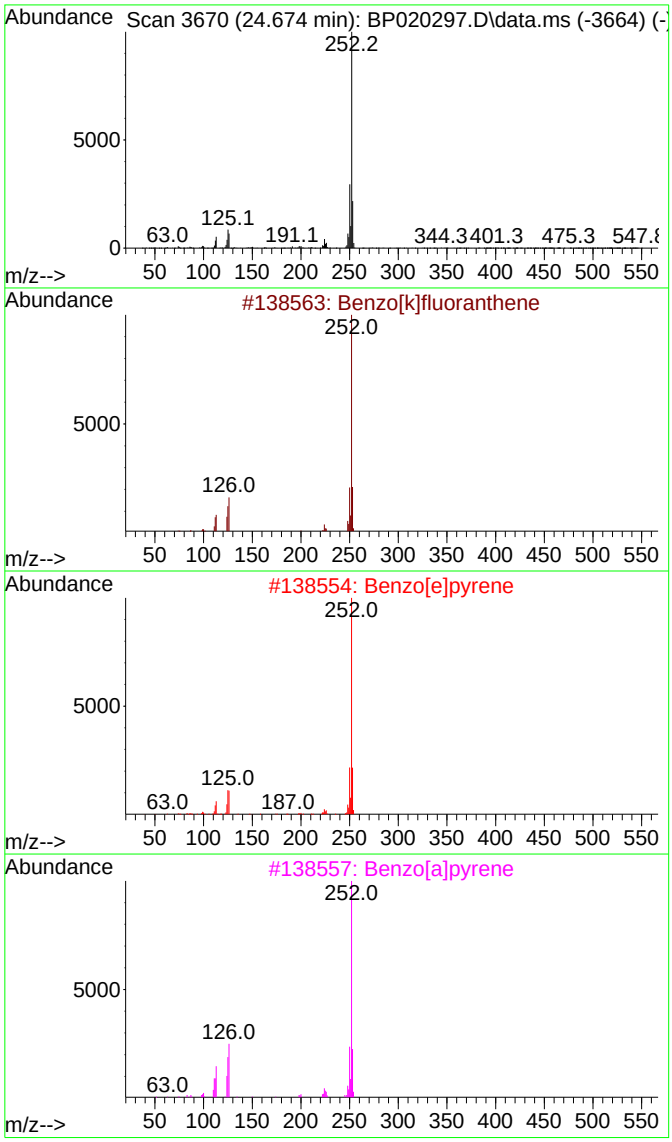
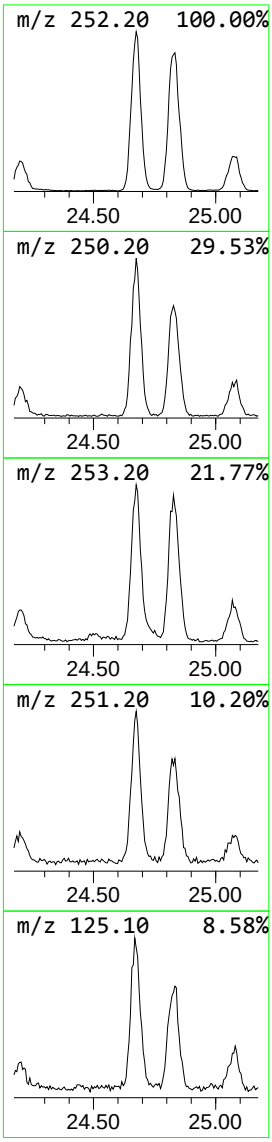
Peak Number 21 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.674	10.84 ng/ul	581020	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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

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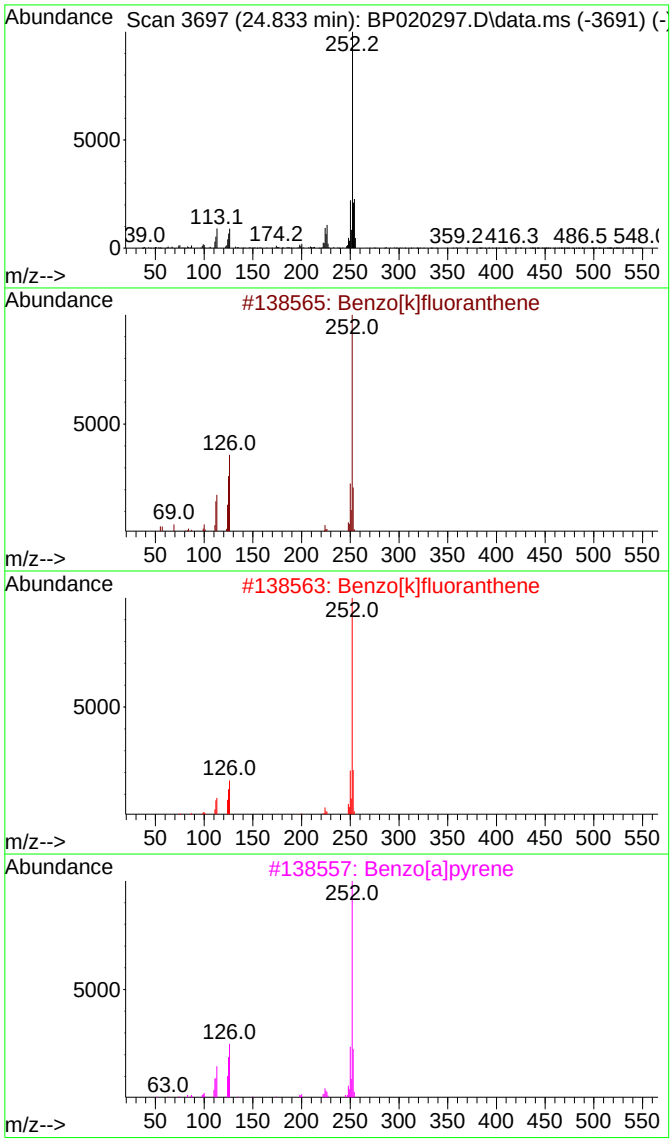
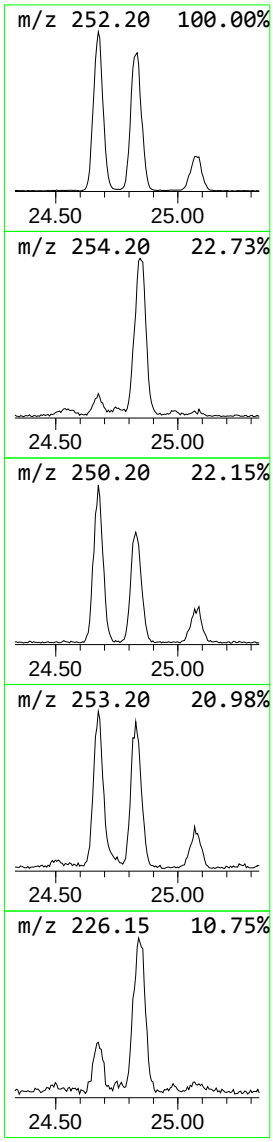
Peak Number 22 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.833	18.32 ng/ul	981915	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
3	Benzo[a]pyrene	252	C20H12	000050-32-8	64
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020297.D
Acq On : 10 May 2024 19:21
Operator : MA/JU
Sample : P2370-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R3

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	3.3	ng/ul	68119	1	7.616	407812	20.0
Fluo rene	15.375	2.3	ng/ul	93993	3	14.287	805077	20.0
9H-Fluoren-9-one	16.781	3.0	ng/ul	146015	4	17.128	981233	20.0
Naphtho[2,1-b]t...	16.945	2.2	ng/ul	109277	4	17.128	981233	20.0
Dibenzo[a,e]cyc...	17.675	2.6	ng/ul	128895	4	17.128	981233	20.0
Phenanthrene, 2...	18.045	3.2	ng/ul	158150	4	17.128	981233	20.0
Phenanthrene, 1...	18.092	10.3	ng/ul	505178	4	17.128	981233	20.0
4H-Cyclopenta[d...	18.251	6.5	ng/ul	317952	4	17.128	981233	20.0
Anthracene, 9-m...	18.292	2.4	ng/ul	117877	4	17.128	981233	20.0
Naphthalene, 2-...	18.575	6.2	ng/ul	301538	4	17.128	981233	20.0
9,10-Anthracene...	18.634	4.9	ng/ul	239328	4	17.128	981233	20.0
Naphthalic anhy...	19.069	4.0	ng/ul	194476	4	17.128	981233	20.0
Cyclopenta(def)...	19.169	5.3	ng/ul	257866	4	17.128	981233	20.0
Fluoran thene	19.292	56.2	ng/ul	2759310	4	17.128	981233	20.0
Pyr ene	19.451	4.0	ng/ul	496480	5	21.627	2515180	20.0
Fluoranthene, 2...	20.204	2.2	ng/ul	275795	5	21.627	2515180	20.0
Cyclopenta[cd]p...	21.275	2.3	ng/ul	291643	5	21.627	2515180	20.0
1-Octacosanol, ...	21.310	2.5	ng/ul	309257	5	21.627	2515180	20.0
Triphenylene	21.680	7.0	ng/ul	884907	5	21.627	2515180	20.0
Benzo[k]fluoran...	23.933	24.4	ng/ul	1308170	6	24.986	1071950	20.0
Benzo[e]pyrene	24.674	10.8	ng/ul	581020	6	24.986	1071950	20.0
Benzo[a]pyrene	24.833	18.3	ng/ul	981915	6	24.986	1071950	20.0