LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43R6

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: BP020288.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	17	21	27	rVB2	14345	20454	0.82%	0.052%
2	3.481	64	67	79	rBV	41204	79151	3.16%	0.202%
3	3.616	85	90	102	rBV	105492	209919	8.37%	0.535%
4	3.705	102	105	111	rVB	35853	52623	2.10%	0.134%
5	3.905	135	139	150	rVB	8575	16197	0.65%	0.041%
6	4.399	218	223	227	rVV2	28074	43272	1.73%	0.110%
7	4.434	227	229	236	rVB4	7560	11141	0.44%	0.028%
8	4.775	282	287	294	rVB	7263	11740	0.47%	0.030%
9	5.640	428	434	442	rBV6	9260	19313	0.77%	0.049%
10	6.699	610	614	618	rVB3	9127	14352	0.57%	0.037%
11	6.799	625	631	644	rBV	195370	414514	16.52%	1.056%
12	6.899	644	648	653	rVB3	18553	29020	1.16%	0.074%
13	6.957	653	658	674	rVB	171986	316990	12.64%	0.808%
14	7.146	683	690	698	rBV	238822	438120	17.47%	1.116%
15	7.252	704	708	726	rVB5	9974	30094	1.20%	0.077%
16	7.605	761	768	777	rBV	335208	551076	21.97%	1.404%
17	8.140	855	859	866	rVB7	5850	11020	0.44%	0.028%
18	8.322	884	890	905	rBV2	184244	401991	16.03%	1.024%
19	8.440	905	910	923	rVB	53896	107262	4.28%	0.273%
20	8.769	957	966	980	rBV	240972	456996	18.22%	1.164%
21	9.351	1060	1065	1073	rBV2	10574	23274	0.93%	0.059%
22	9.481	1079	1087	1100	rBV	212709	395075	15.75%	1.007%
23	9.716	1119	1127	1129	rBV6	6713	15416	0.61%	0.039%
24	9.863	1147	1152	1159	rBV9	5300	14001	0.56%	0.036%
25	10.028	1172	1180	1191	rBV	231715	554156	22.09%	1.412%
26	10.216	1207	1212	1223	rVB10	6669	21055	0.84%	0.054%
27	10.381	1229	1240	1248	rBV	437704	811672	32.36%	2.068%
28	10.551	1260	1269	1286	rBV2	107564	294578	11.74%	0.751%
29	10.840	1311	1318	1325	rBV5	6522	16977	0.68%	0.043%
30	10.963	1335	1339	1347	rVB9	6848	15267	0.61%	0.039%
31	11.157	1364	1372	1380	rBV2	56885	136922	5.46%	0.349%
32	11.810	1476	1483	1489	rVV2	4012	10796	0.43%	0.028%
33	11.993	1508	1514	1521	rVV8	5331	12097	0.48%	0.031%
34	12.075	1523	1528	1533	rVB2	9628	14354	0.57%	0.037%
35	12.292	1554	1565	1571	rBV6	10069	30234	1.21%	0.077%
36	12.604	1611	1618	1626	rVB6	5790	14361	0.57%	0.037%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

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	13.116	1697	1705	1710	rBV6	19196	46019	1.83%	0.117%
38	13.169	1710	1714	1719	rVB2	12094	19081	0.76%	0.049%
39	13.263	1722	1730	1740	rBV	272682	463496	18.48%	1.181%
40	13.498	1765	1770	1780	rBV	70811	123925	4.94%	0.316%
41	13.639	1788	1794	1800	rBV2	114477	181835	7.25%	0.463%
42	13.710	1800	1806	1817	rVV	458971	865397	34.50%	2.205%
43	13.792	1817	1820	1822	rVV4	10441	14699	0.59%	0.037%
44	13.834	1822	1827	1833	rVV	88819	180046	7.18%	0.459%
45	13.881	1833	1835	1844	rVB	26508	36304	1.45%	0.093%
46	13.981	1844	1852	1868	rBV2	674605	1264856	50.42%	3.223%
47	14.292	1898	1905	1913	rBV	689865	1090819	43.49%	2.780%
48	14.516	1938	1943	1944	rBV4	28514	38595	1.54%	0.098%
49	14.586	1949	1955	1969	rVV2	103958	324969	12.96%	0.828%
50	15.116	2037	2045	2049	rBV7	11457	31587	1.26%	0.080%
51	15.192	2054	2058	2065	rVB2	14903	31087	1.24%	0.079%
52	15.322	2073	2080	2086	rBV	802708	1289803	51.42%	3.287%
53	15.381	2086	2090	2099	rVB2	33893	79643	3.17%	0.203%
54	15.481	2101	2107	2118	rBV	198184	351688	14.02%	0.896%
55	15.592	2122	2126	2133	rBV	65199	109368	4.36%	0.279%
56	15.739	2146	2151	2165	rVB	1154059	1560893	62.23%	3.977%
57	16.069	2204	2207	2209	rBV4	16054	22411	0.89%	0.057%
58	16.222	2231	2233	2236	rBV3	12144	15858	0.63%	0.040%
59	16.333	2250	2252	2260	rVB2	23357	39887	1.59%	0.102%
60	16.545	2286	2288	2292	rBV6	9308	9921	0.40%	0.025%
61	16.786	2325	2329	2338	rVB3	132562	219039	8.73%	0.558%
62	16.951	2354	2357	2363	rVB	41921	67610	2.70%	0.172%
63	17.057	2372	2375	2382	rBV3	34497	55993	2.23%	0.143%
64	17.139	2382	2389	2393	rVV	839178	1395420	55.63%	3.556%
65	17.180	2393	2396	2402	rVV	1011374	1401692	55.88%	3.572%
66	17.245	2402	2407	2411	rVV2	875756	1374388	54.79%	3.502%
67	17.280	2411	2413	2419	rVB	91754	127912	5.10%	0.326%
68	17.686	2478	2482	2488	rBV3	54692	98122	3.91%	0.250%
69	17.980	2528	2532	2536	rVB5	44389	68341	2.72%	0.174%
70	18.051	2539	2544	2549	rBV2	136131	217767	8.68%	0.555%
71	18.110	2549	2554	2563	rBV	677578	980829	39.10%	2.499%
72	18.257	2575	2579	2583	rBV3	127070	185518	7.40%	0.473%
73	18.586	2631	2635	2641	rVV	156910	234747	9.36%	0.598%
74	18.639	2641	2644	2651	rVB	105620	164647	6.56%	0.420%
75	18.816	2671	2674	2678	rBV5	34160	57149	2.28%	0.146%
76	19.022	2705	2709	2713	rBV	121394	201003	8.01%	0.512%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

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	19.180	2731	2736	2744	rBV2	115857	262360	10.46%	0.669%
78	19.304	2751	2757	2762	rBV	1382425	1910762	76.17%	4.869%
79	19.457	2778	2783	2790	rBV	406326	675430	26.93%	1.721%
80	19.545	2792	2798	2799	rVV5	109850	209643	8.36%	0.534%
81	19.574	2801	2803	2807	rVV2	146813	179336	7.15%	0.457%
82	19.651	2811	2816	2819	rVV	1173661	1900480	75.76%	4.843%
83	19.686	2819	2822	2828	rVV	1912565	2430993	96.91%	6.194%
84	19.757	2832	2834	2840	rVB4	60479	121765	4.85%	0.310%
85	20.121	2892	2896	2899	rBV4	54214	81720	3.26%	0.208%
86	20.169	2899	2904	2907	rBV5	112827	218613	8.72%	0.557%
87	20.374	2936	2939	2942	rVB	88329	109662	4.37%	0.279%
88	20.516	2959	2963	2966	rBV	168820	221807	8.84%	0.565%
89	20.563	2966	2971	2975	rVV	132211	241865	9.64%	0.616%
90	21.021	3046	3049	3053	rVB	107067	136253	5.43%	0.347%
91	21.245	3084	3087	3090	rVB2	89042	90663	3.61%	0.231%
92	21.280	3091	3093	3096	rVV	102833	132294	5.27%	0.337%
93	21.321	3097	3100	3107	rVB2	272655	407523	16.25%	1.038%
94	21.633	3145	3153	3159	rBV4	1007556	2508441	100.00%	6.392%
95	21.686	3159	3162	3174	rVB	467105	936585	37.34%	2.387%
96	23.957	3542	3548	3556	rBV	307418	786568	31.36%	2.004%
97	24.698	3668	3674	3680	rBV	272824	662413	26.41%	1.688%
98	24.780	3681	3688	3695	rVV2	696882	1910684	76.17%	4.869%
99	24.845	3696	3699	3715	rVB2	404511	1120845	44.68%	2.856%
100	25.004	3720	3726	3736	rVB	444813	1330459	53.04%	3.390%

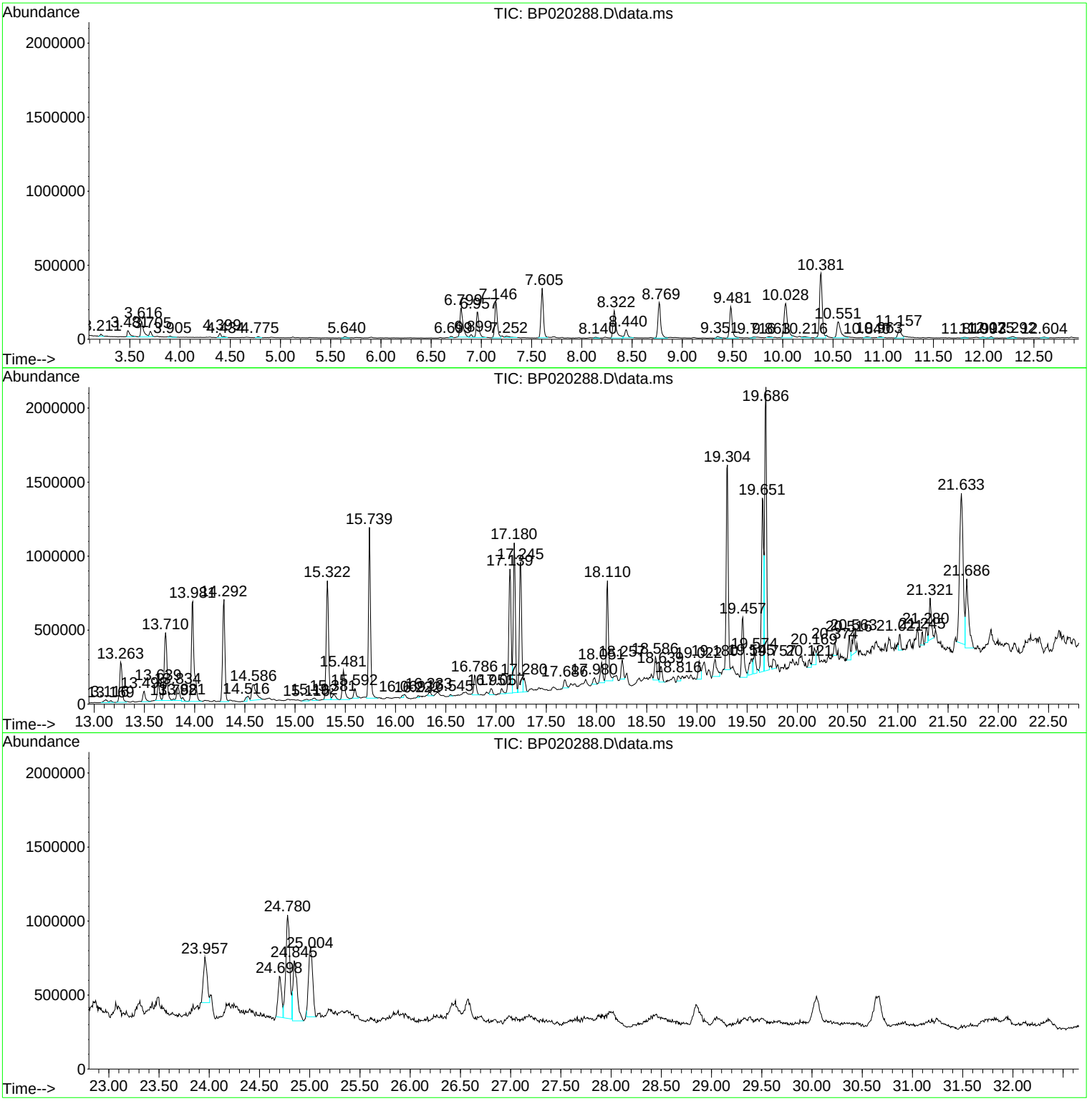
Sum of corrected areas: 39245008

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

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 : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

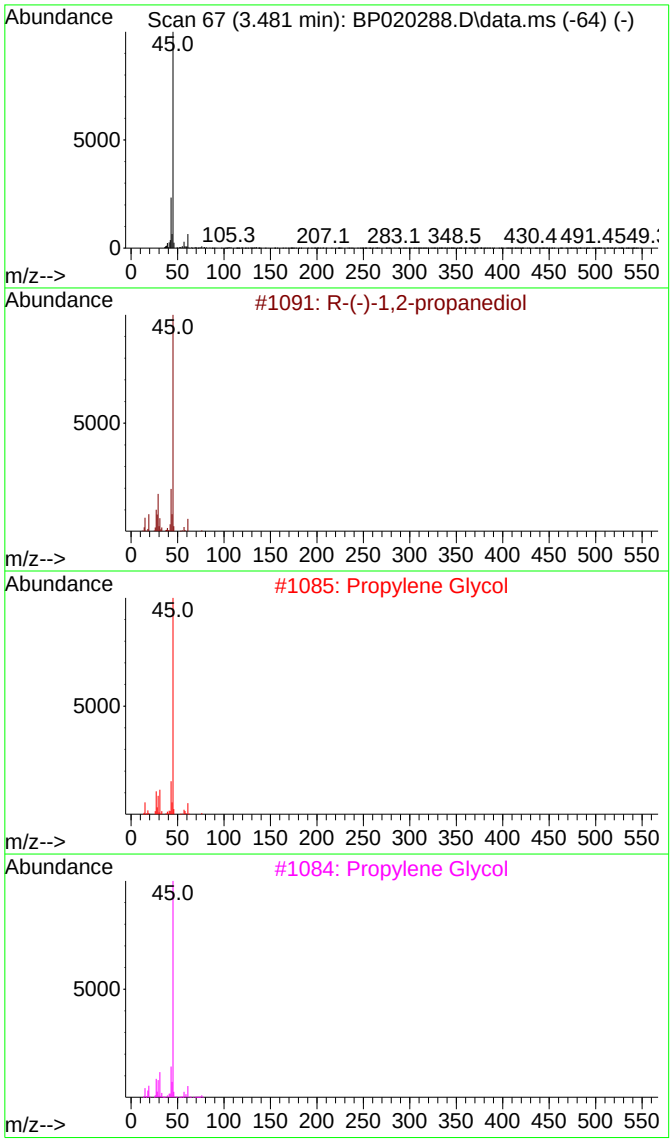
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

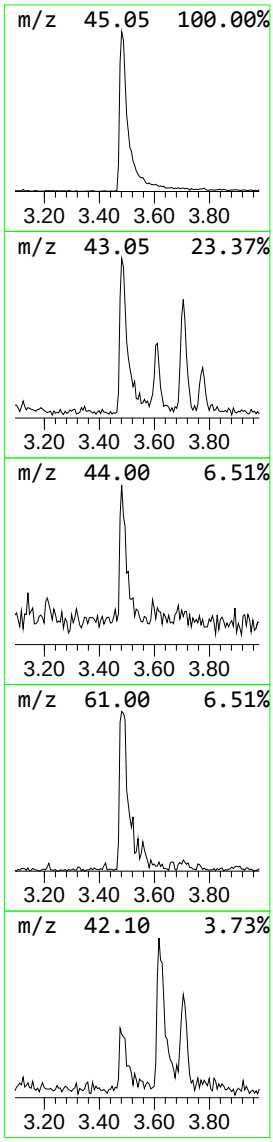
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.481	2.87 ng/ul	79151	1,4-Dichlorobenzene-d4	7.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	80
2	Propylene Glycol	76	C3H8O2	000057-55-6	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propylene Glycol	76	C3H8O2	000057-55-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

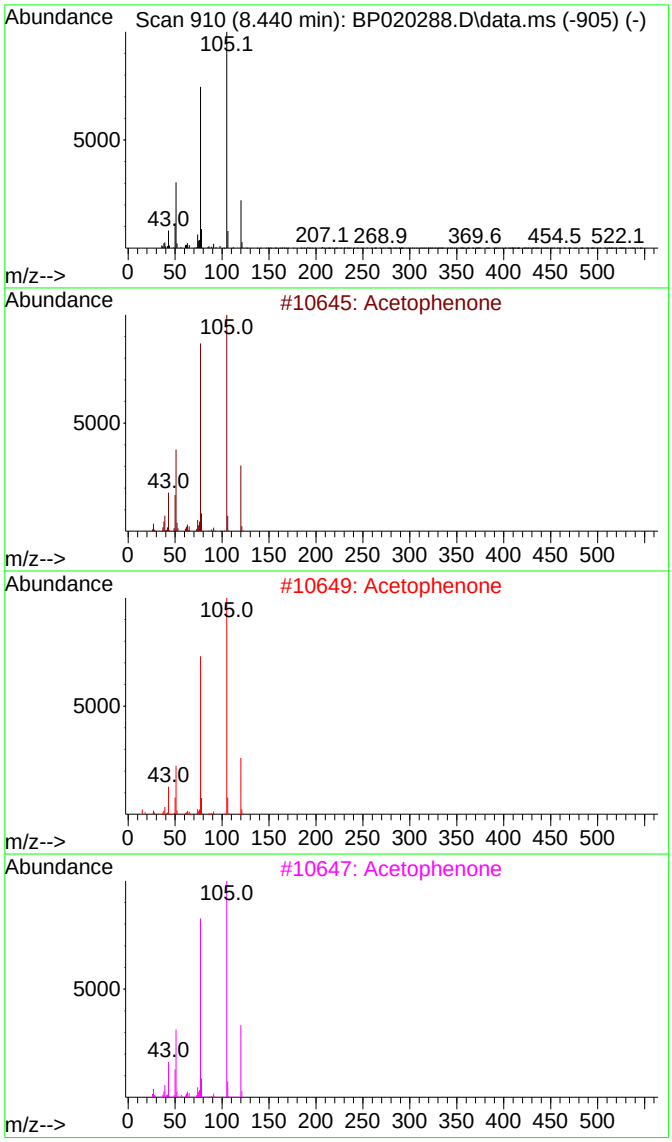
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

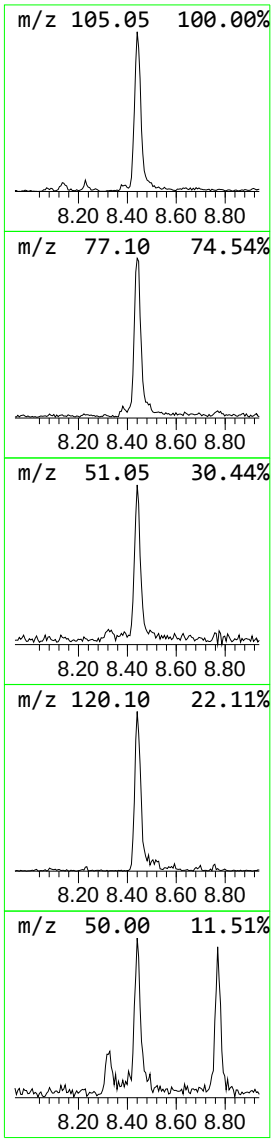
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aceto phenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.440	3.89 ng/ul	107262	1,4-Dichlorobenzene-d4	7.604

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	90
4	Acetophenone	120	C8H8O	000098-86-2	87
5	.gamma.-Chlorobutyrophenone	182	C10H11ClO	000939-52-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

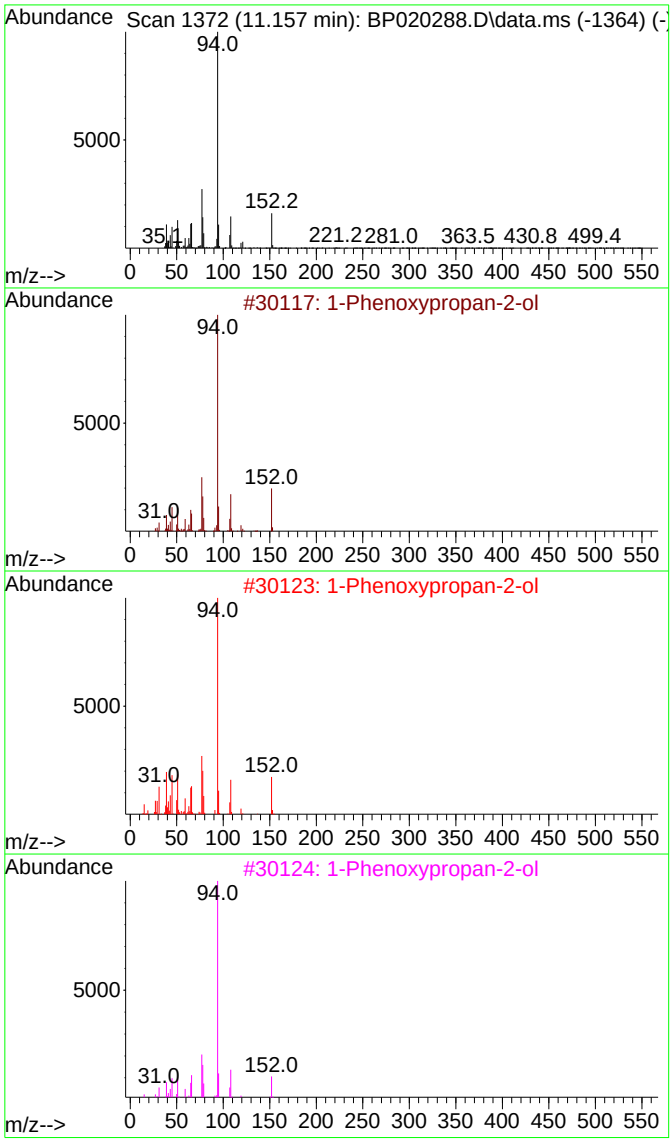
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

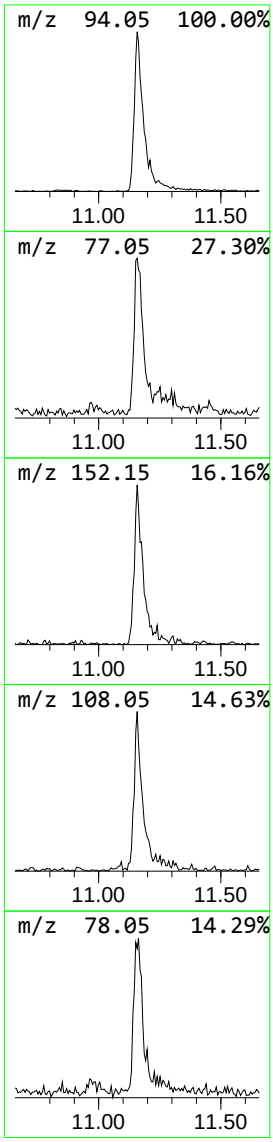
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	3.37 ng/ul	136922	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
5	1-Amino-3-phenoxypropan-2-ol	167	C9H13NO2	004287-19-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

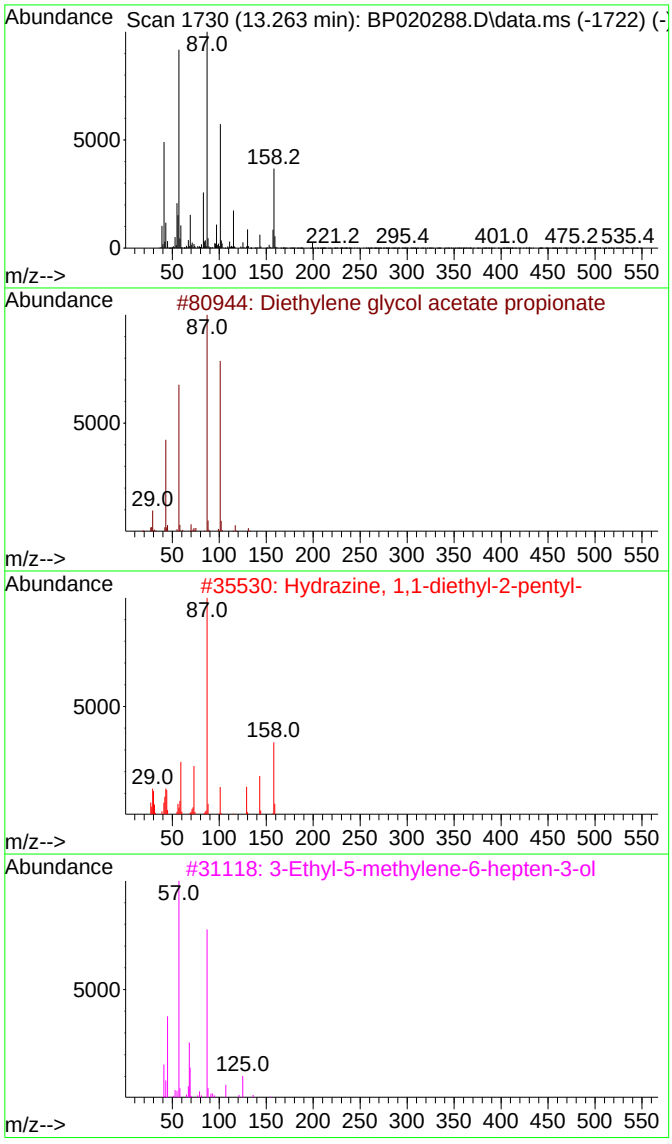
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

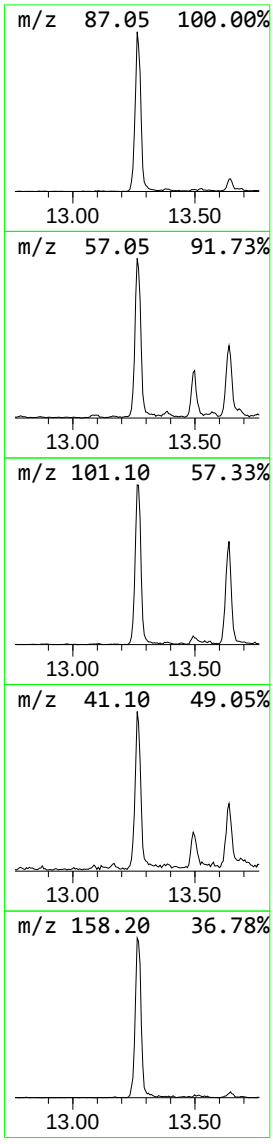
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diethylene glycol acetate p... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	8.50 ng/ul	463496	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol acetate propio...	204	C9H16O5	1000458-46-9	50
2	Hydrazine, 1,1-diethyl-2-pentyl-	158	C9H22N2	067398-41-8	43
3	3-Ethyl-5-methylene-6-hepten-3-ol	154	C10H18O	1000424-74-4	38
4	4-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-77-0	37
5	3,4-DIETHYLHEXANE-3,4-DIOL	174	C10H22O2	006931-71-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

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

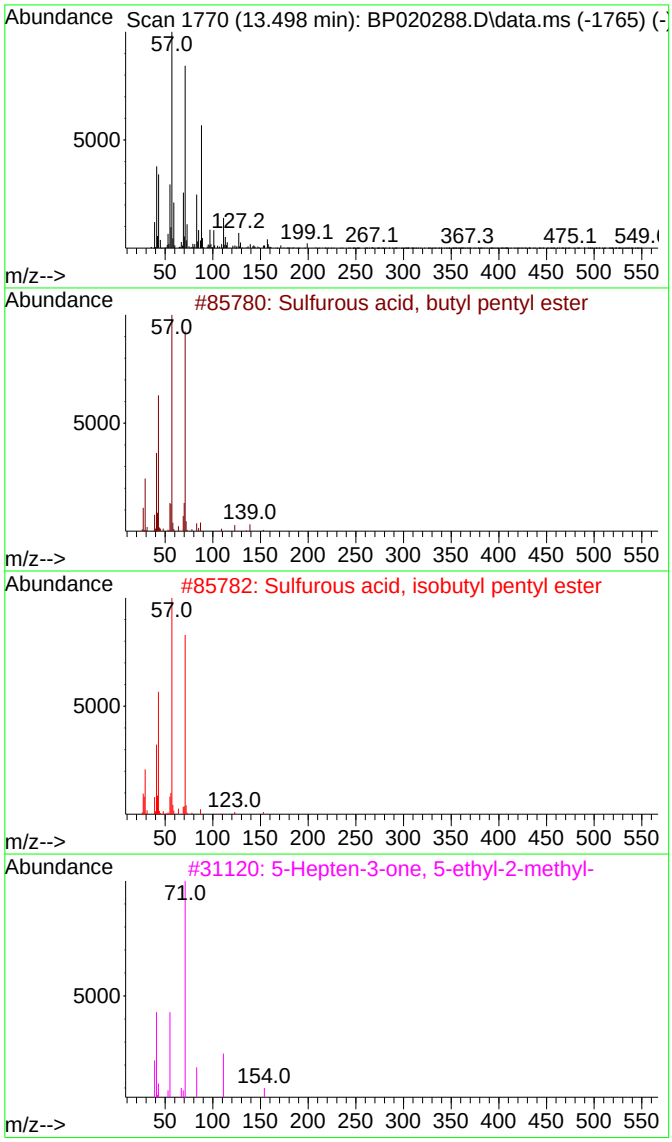
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

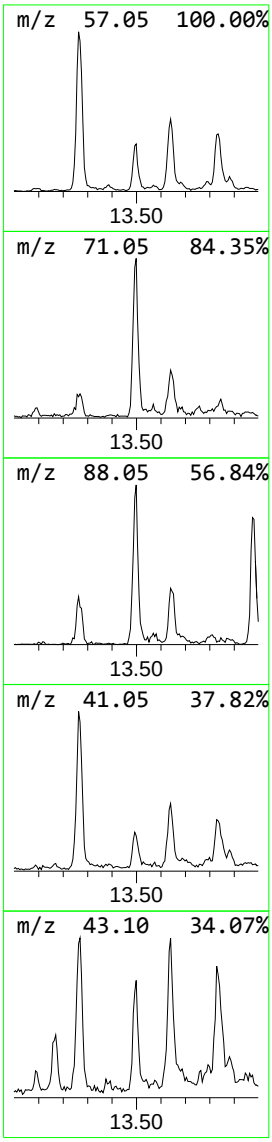
****

Peak Number 5 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.498	2.27 ng/ul	123925	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	35
2	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	35
3	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	35
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	35
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	35





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Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

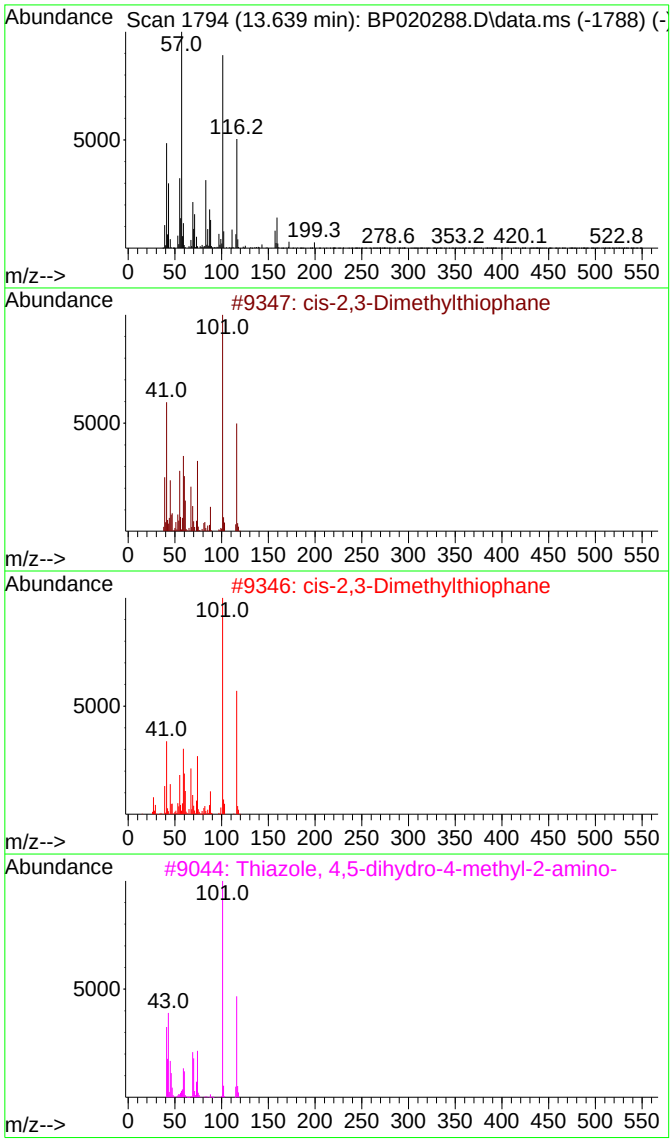
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

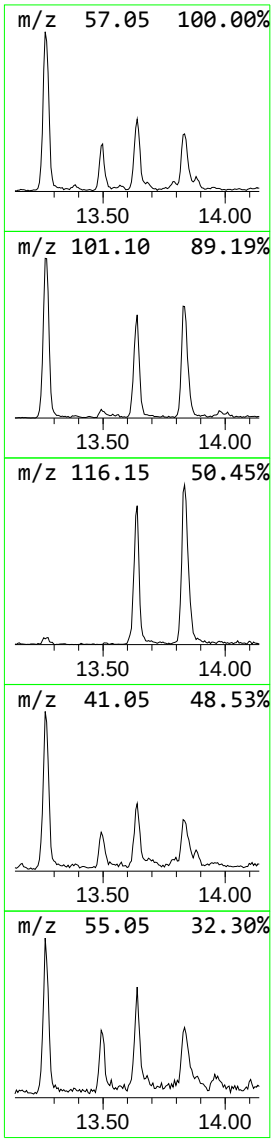
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 cis-2,3-Dimethylthiophane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	3.33 ng/ul	181835	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	50
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	50
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	47
4	Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	45
5	Allylthiourea	116	C4H8N2S	000109-57-9	38





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

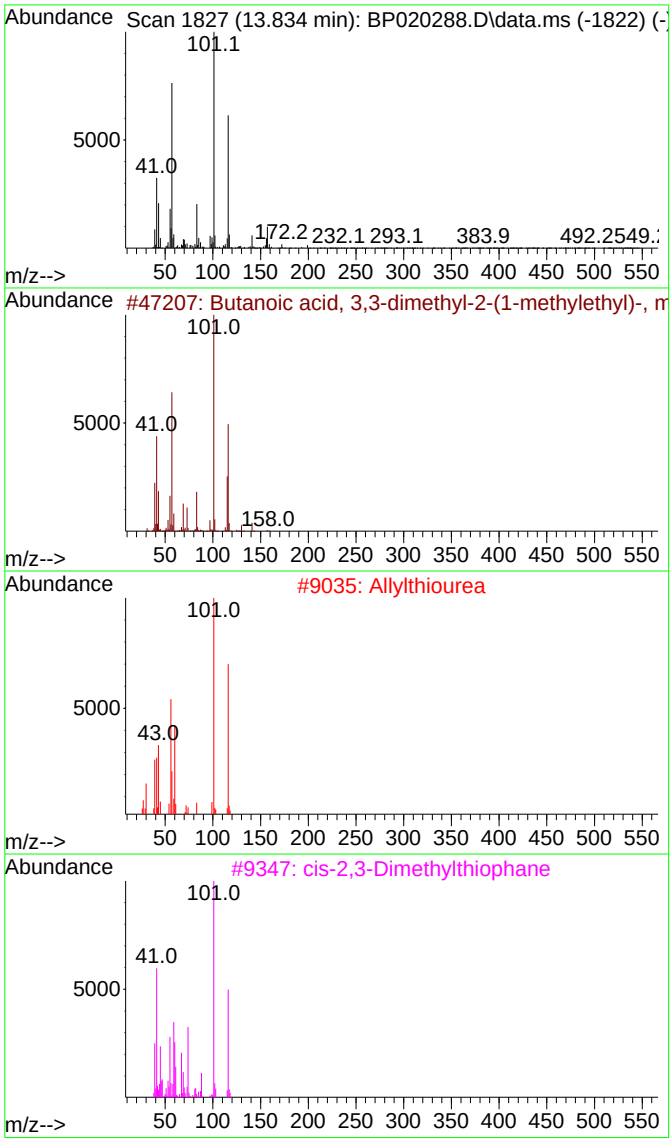
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

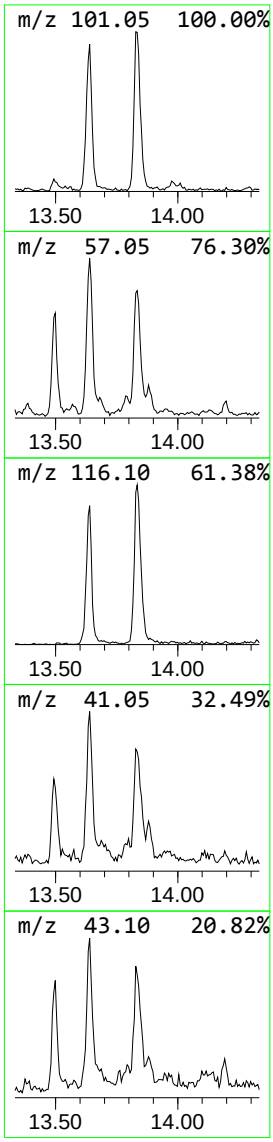
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butanoic acid, 3,3-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	3.30 ng/ul	180046	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	64
2	Allylthiourea	116	C4H8N2S	000109-57-9	53
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	50
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	50
5	Succinic acid, isobutyl 4-octyl ...	286	C16H30O4	1000325-05-3	47





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 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

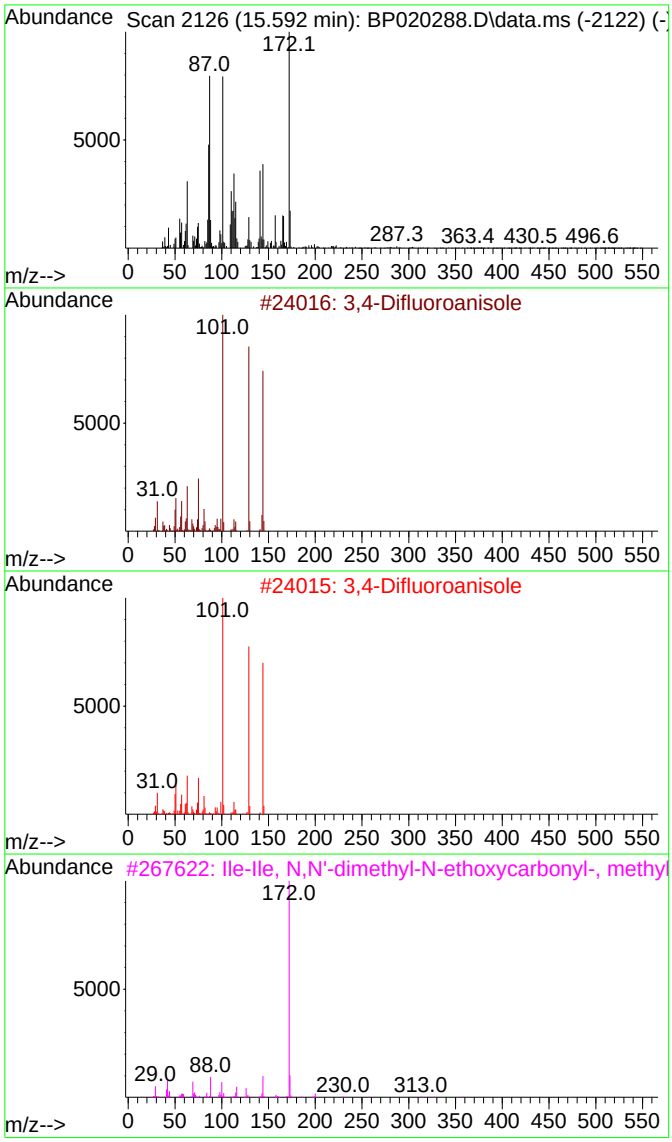
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

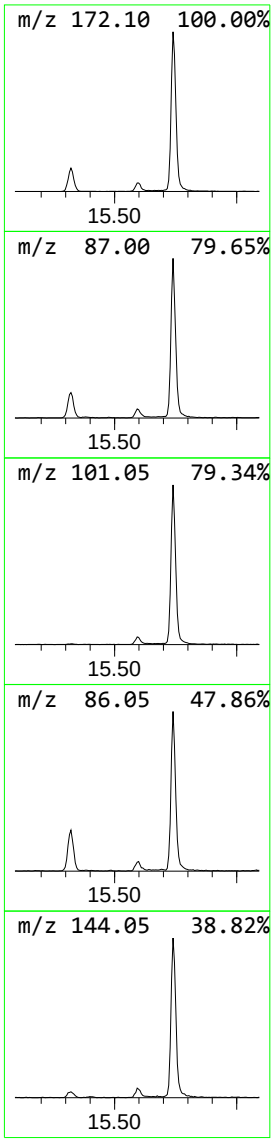
****

Peak Number 8 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	2.01 ng/ul	109368	Acenaphthene-d10	14.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	22
2	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	18
3	Ile-Ile, N,N'-dimethyl-N-ethoxyc...	358	C18H34N2O5	1000454-83-7	11
4	Carbamic acid, N-(2-butyl)-N-eth...	201	C11H23NO2	1000491-17-8	11
5	Succinic acid, isobutyl 3-octyl ...	286	C16H30O4	1000381-60-4	10





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

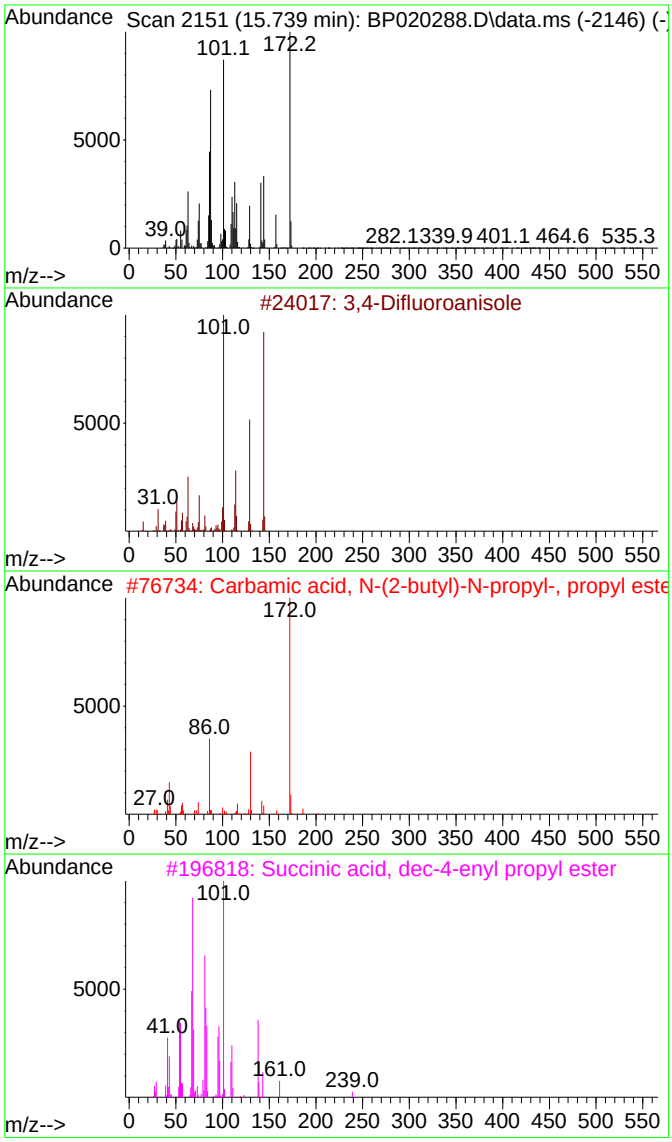
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

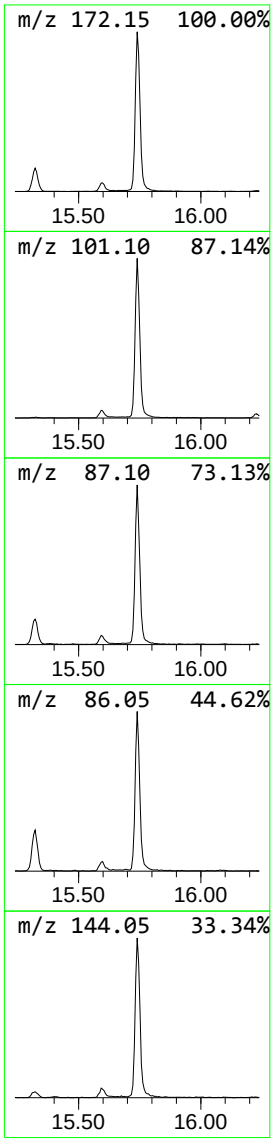
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	22.37 ng/ul	1560890	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	27
2	Carbamic acid, N-(2-butyl)-N-pro...	201	C11H23NO2	1000491-05-7	14
3	Succinic acid, dec-4-enyl propyl...	298	C17H30O4	1000353-46-1	10
4	Leu-Leu, N,N'-dimethyl-N-ethoxyc...	358	C18H34N2O5	1000454-82-5	10
5	2-Aminocaprylic acid, N-methoxyc...	301	C16H31NO4	1000325-43-7	10





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

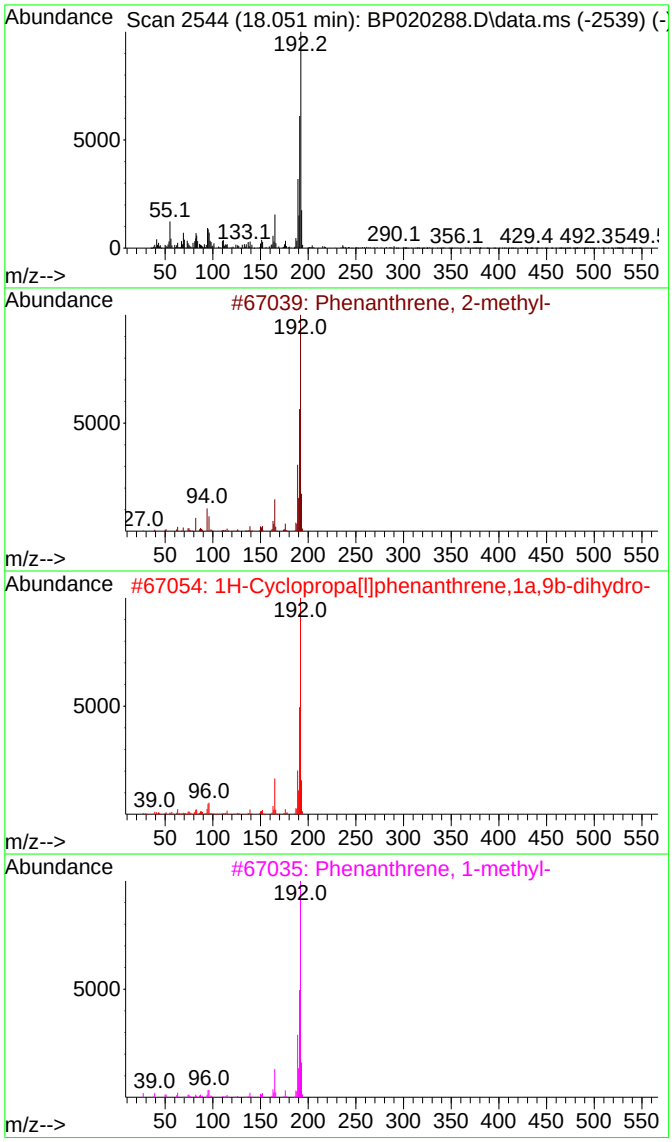
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

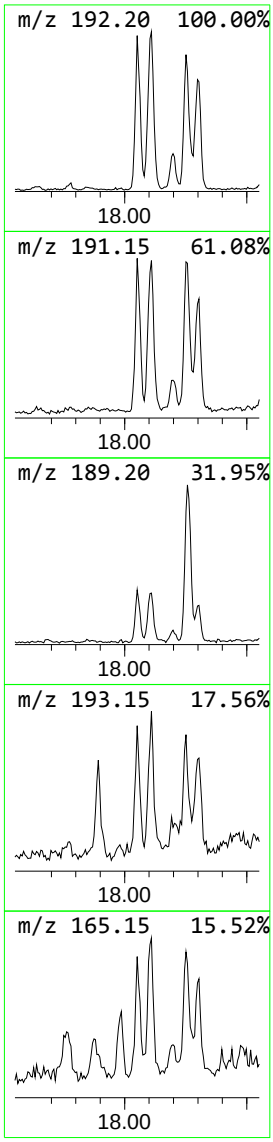
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	3.12 ng/ul	217767	Phenanthrene-d10	17.139

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





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

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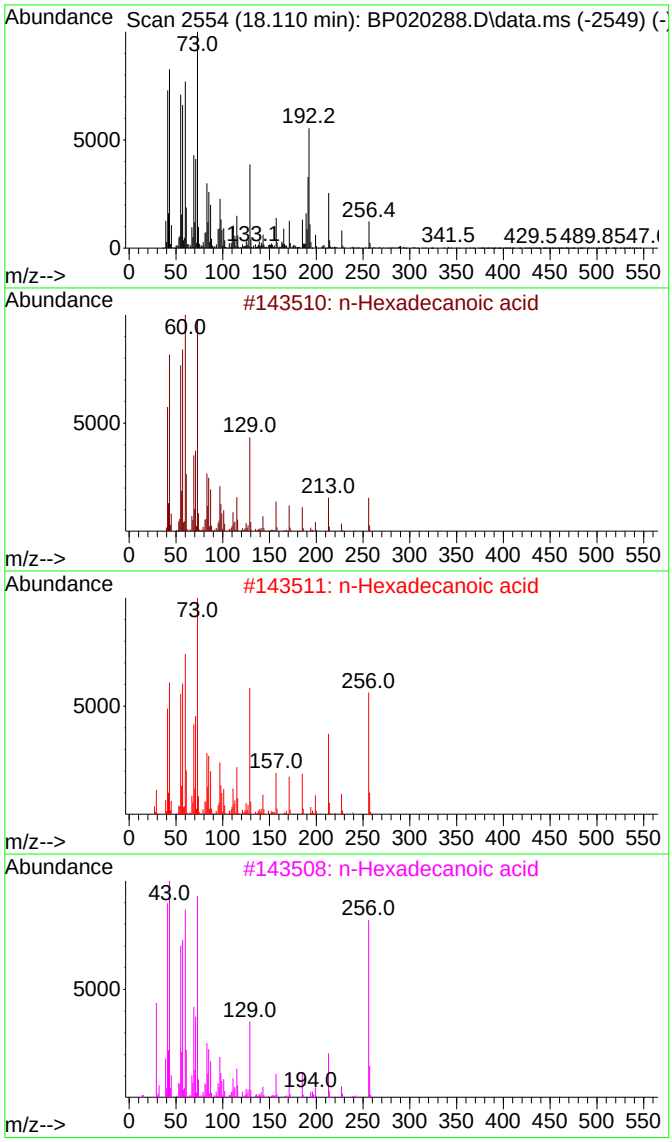
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

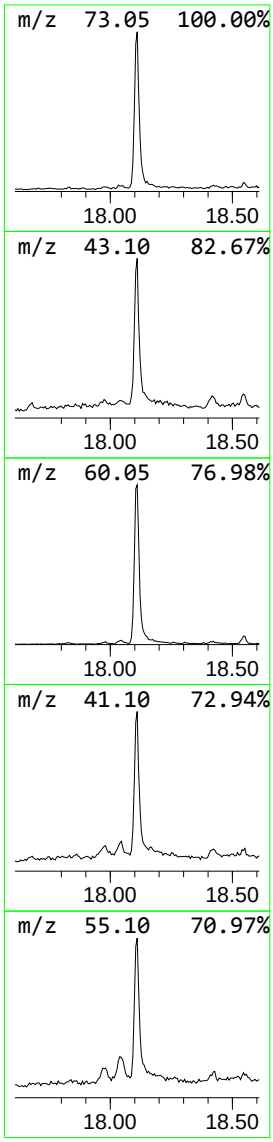
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	14.06 ng/ul	980829	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

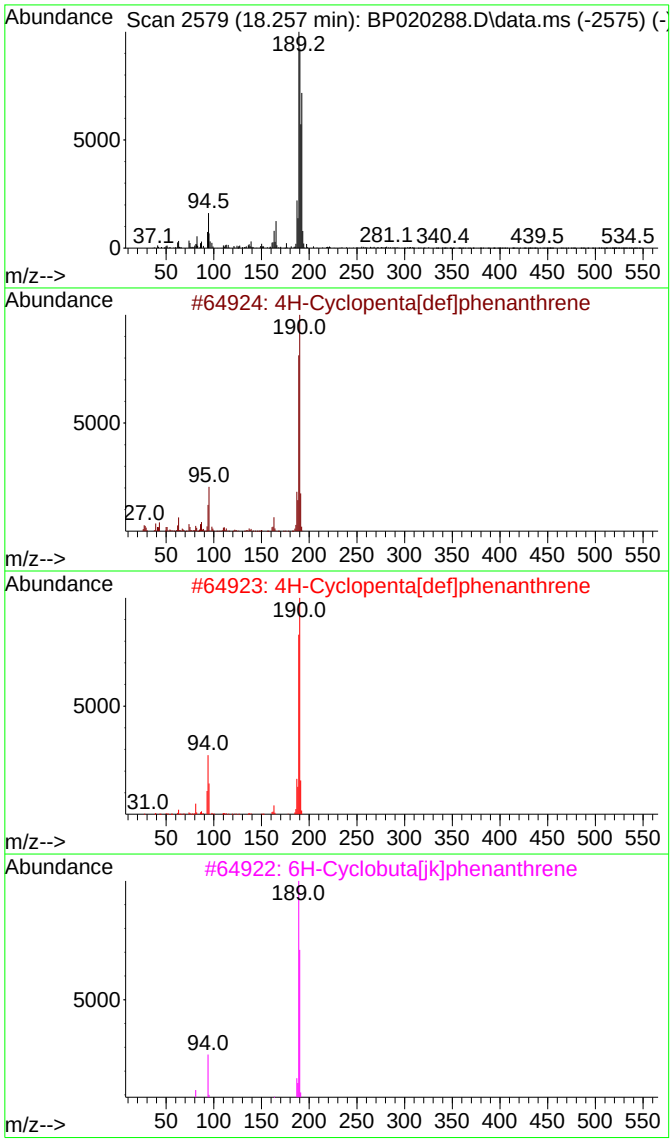
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

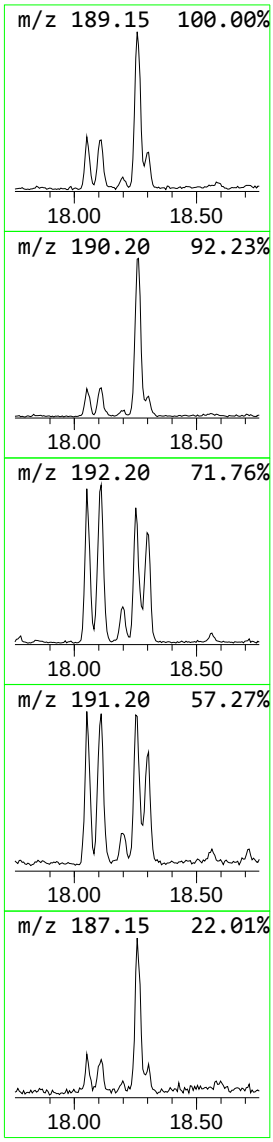
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.66 ng/ul	185518	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	35





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Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

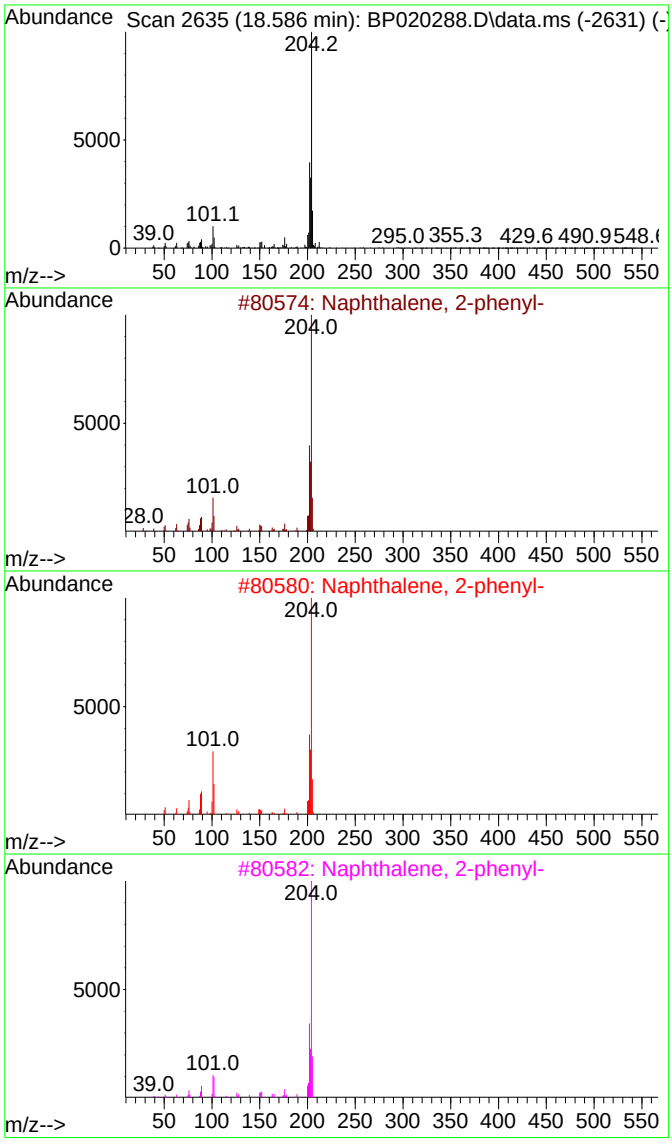
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

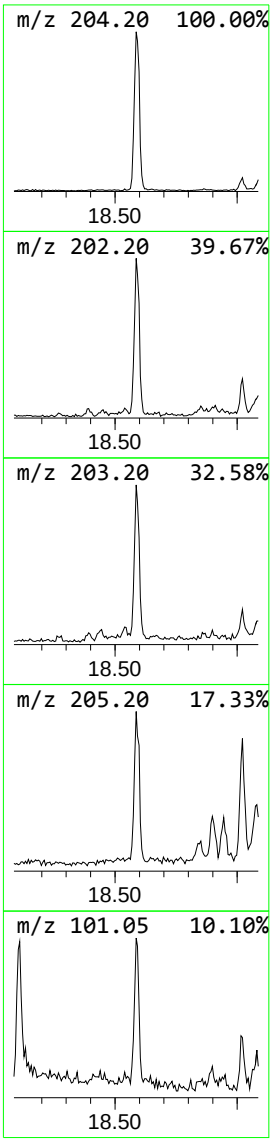
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	3.36 ng/ul	234747	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	59





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Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

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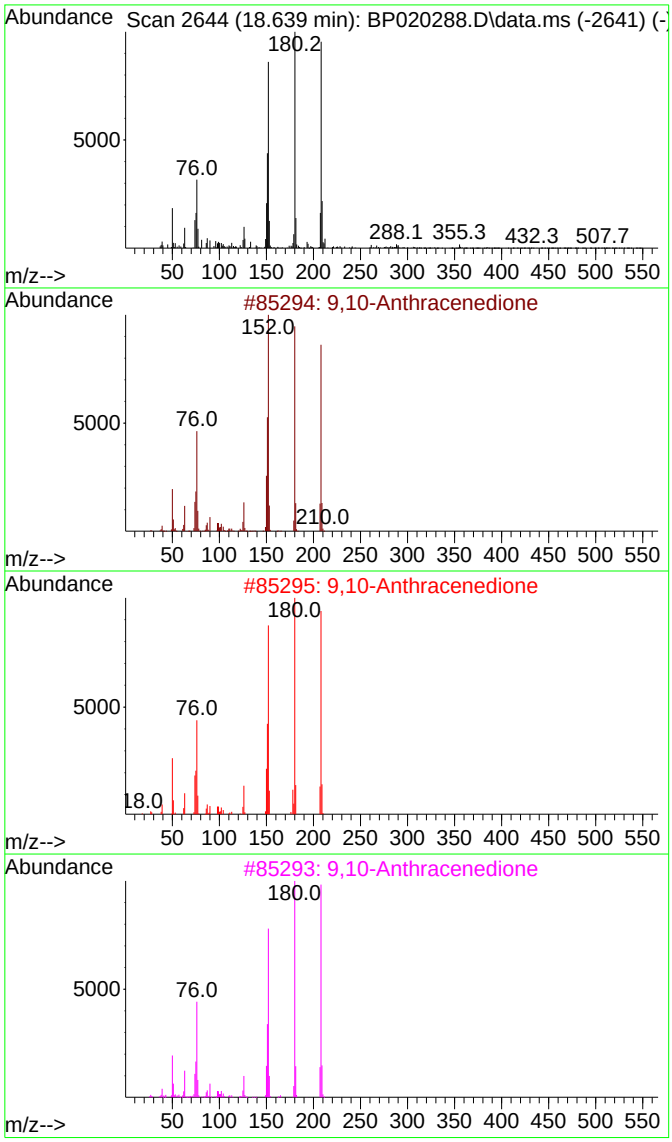
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

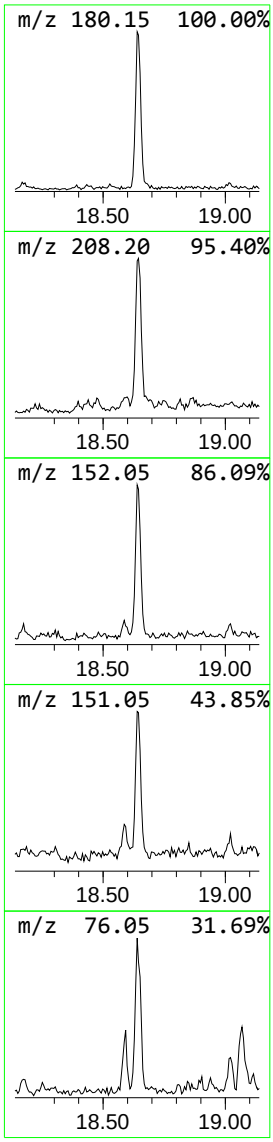
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	2.36 ng/ul	164647	Phenanthrene-d10	17.139

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R6

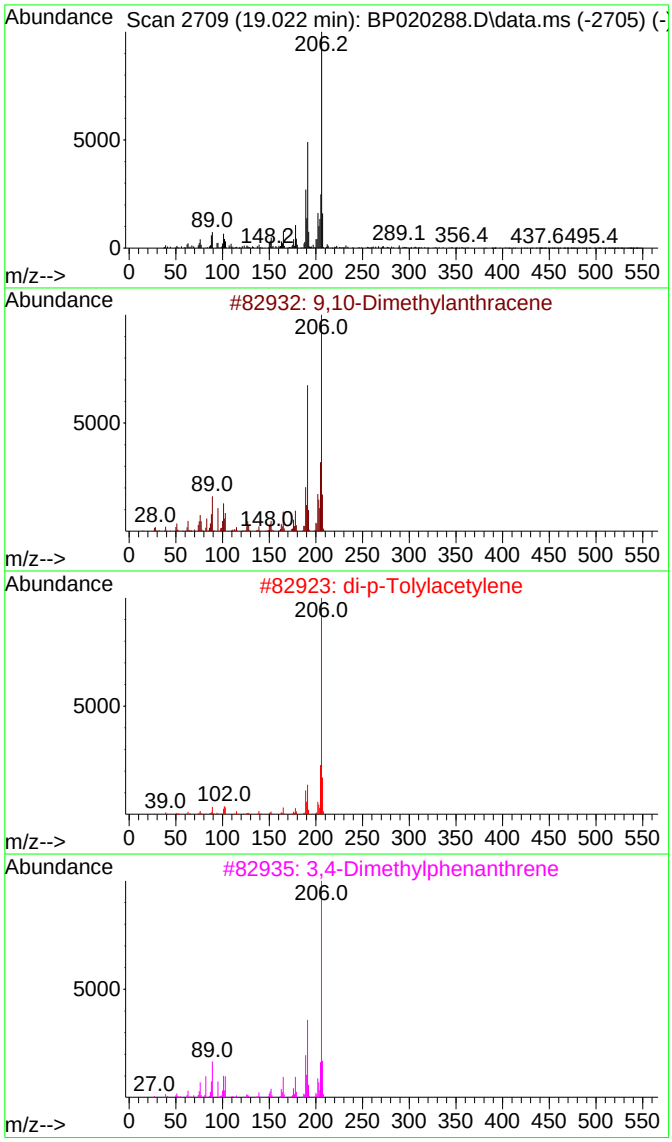
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

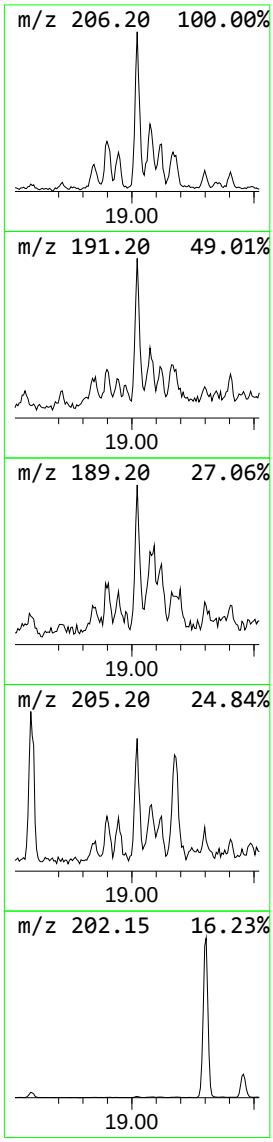
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.88 ng/ul	201003	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	90





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Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43R6

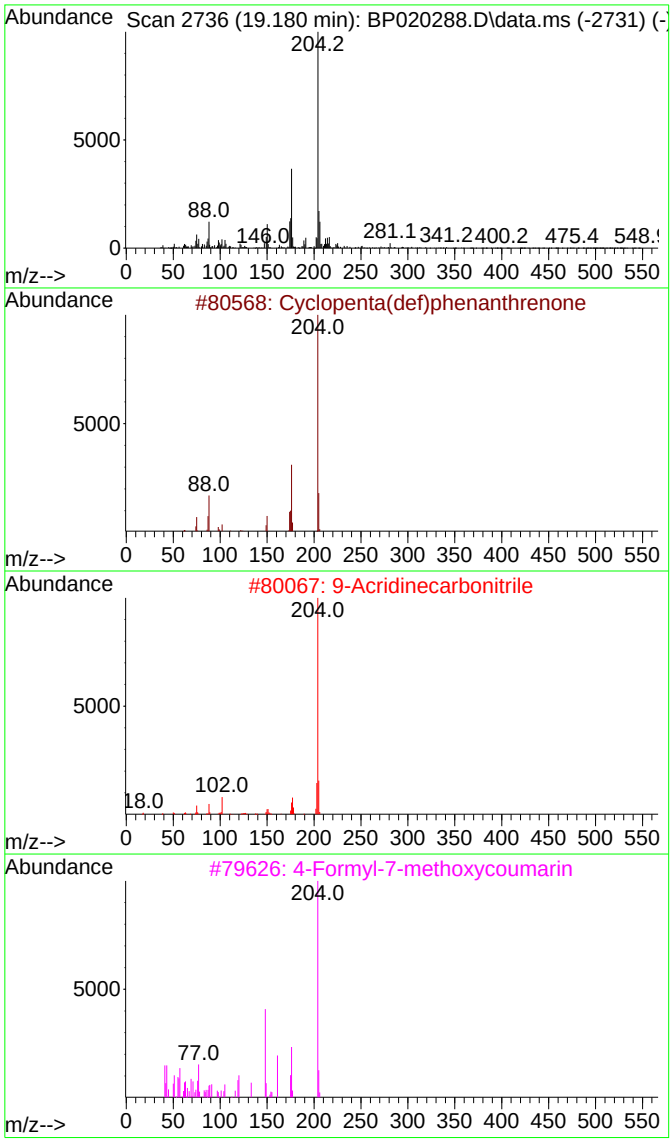
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

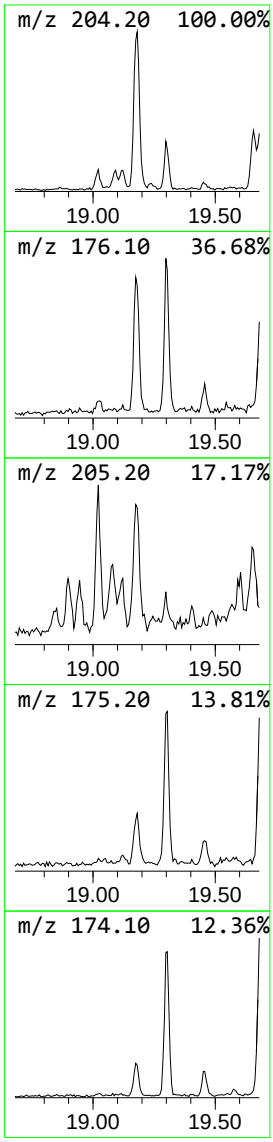
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	3.76 ng/ul	262360	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	52
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

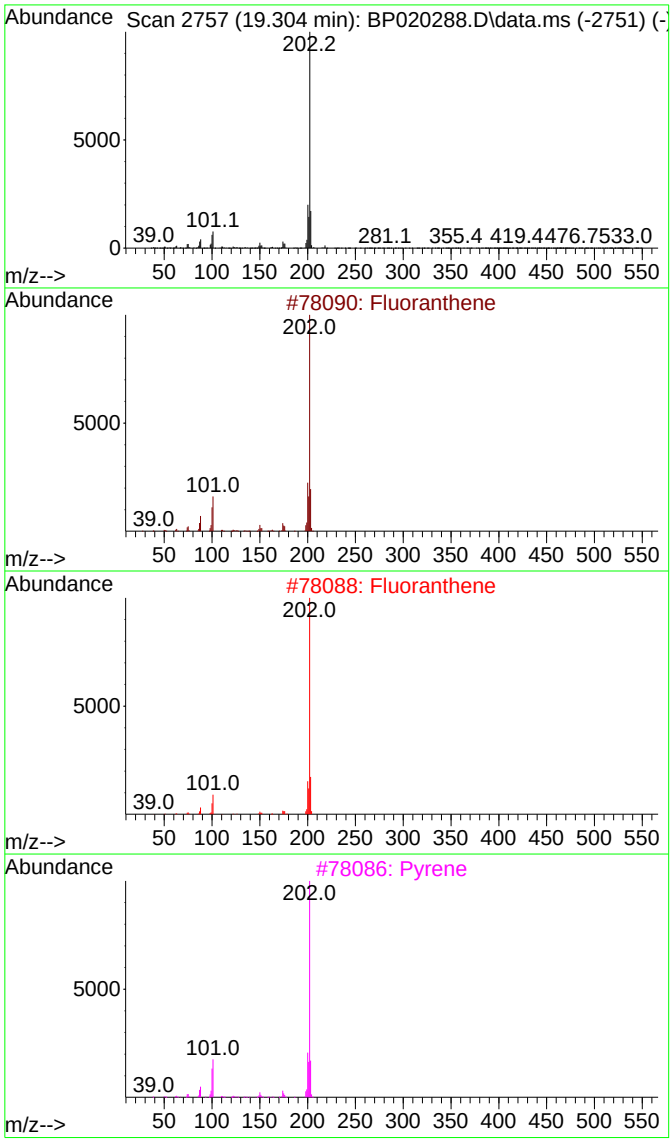
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

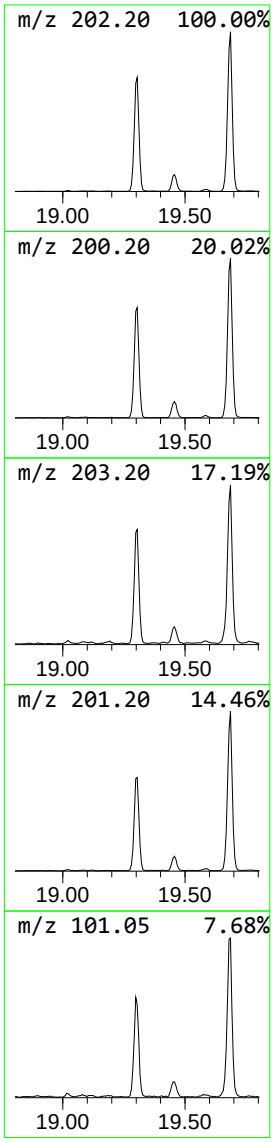
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	27.39 ng/ul	1910760	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Fluoranthene	202	C16H10	000206-44-0	94
3	Pyrene	202	C16H10	000129-00-0	93
4	Pyrene	202	C16H10	000129-00-0	83
5	Pyrene	202	C16H10	000129-00-0	81





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Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

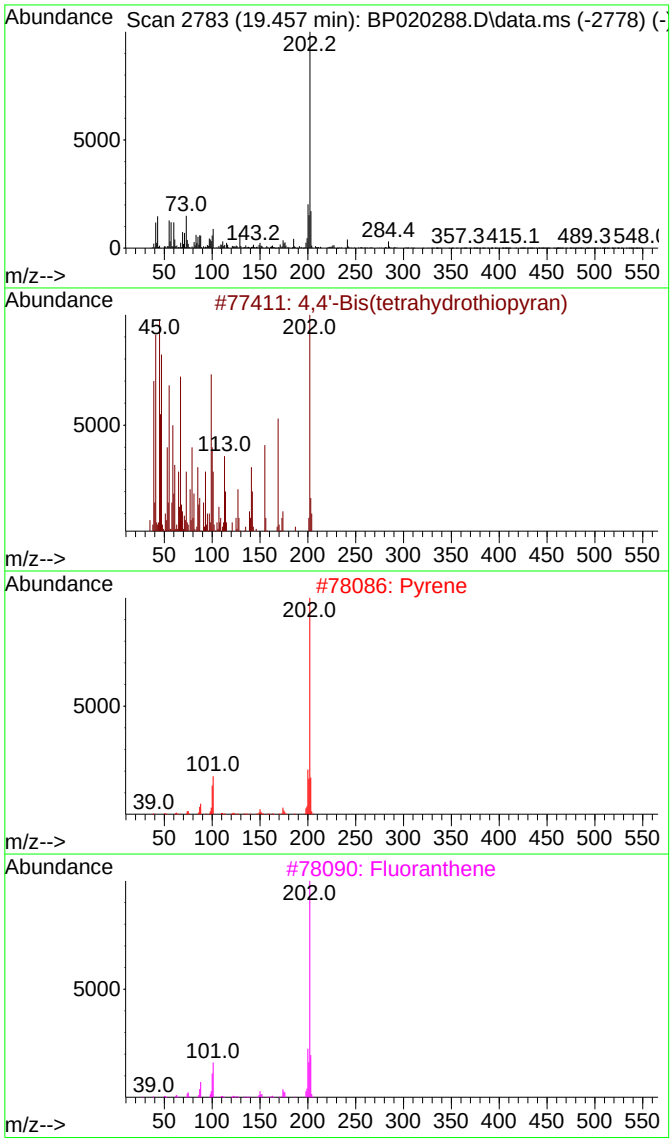
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

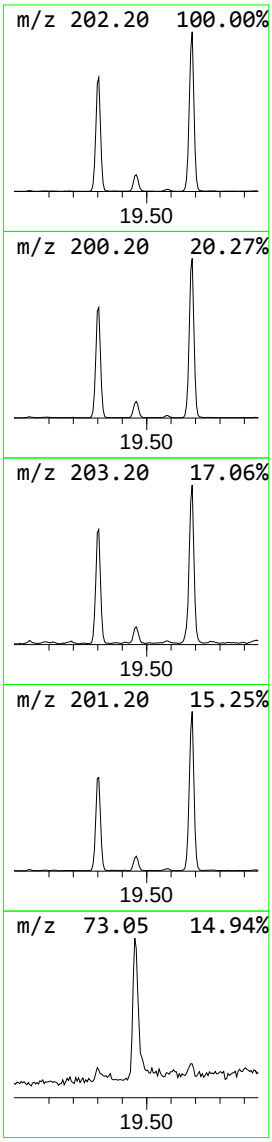
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.457	5.39 ng/ul	675430	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2	Pyrene	202	C16H10	000129-00-0	86
3	Fluoranthene	202	C16H10	000206-44-0	86
4	Fluoranthene	202	C16H10	000206-44-0	76
5	Pyrene	202	C16H10	000129-00-0	64





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Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

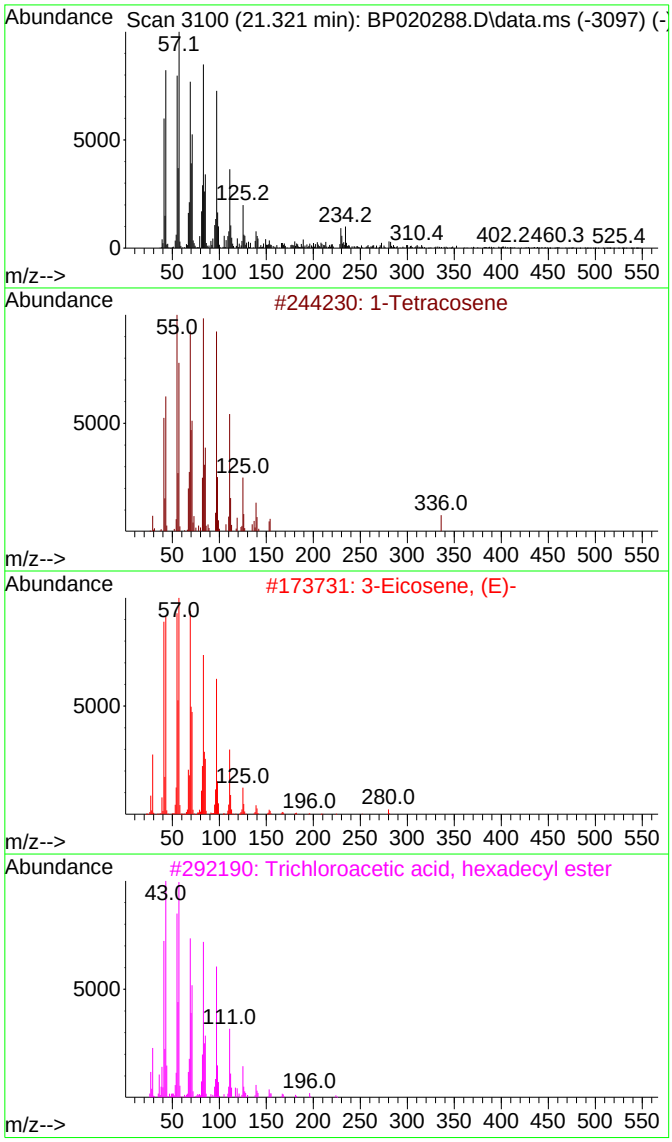
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

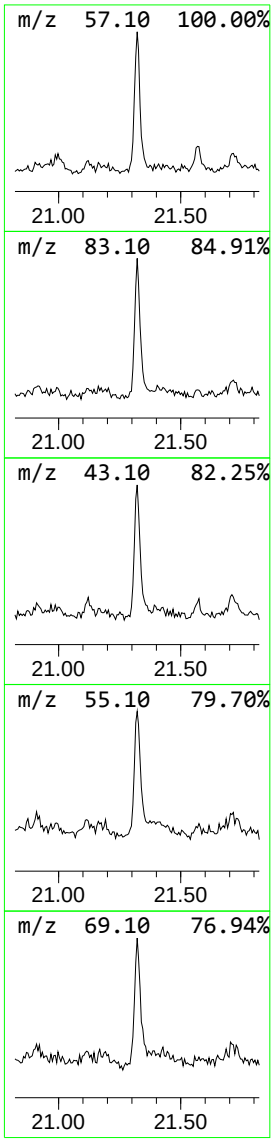
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	3.25 ng/ul	407523	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

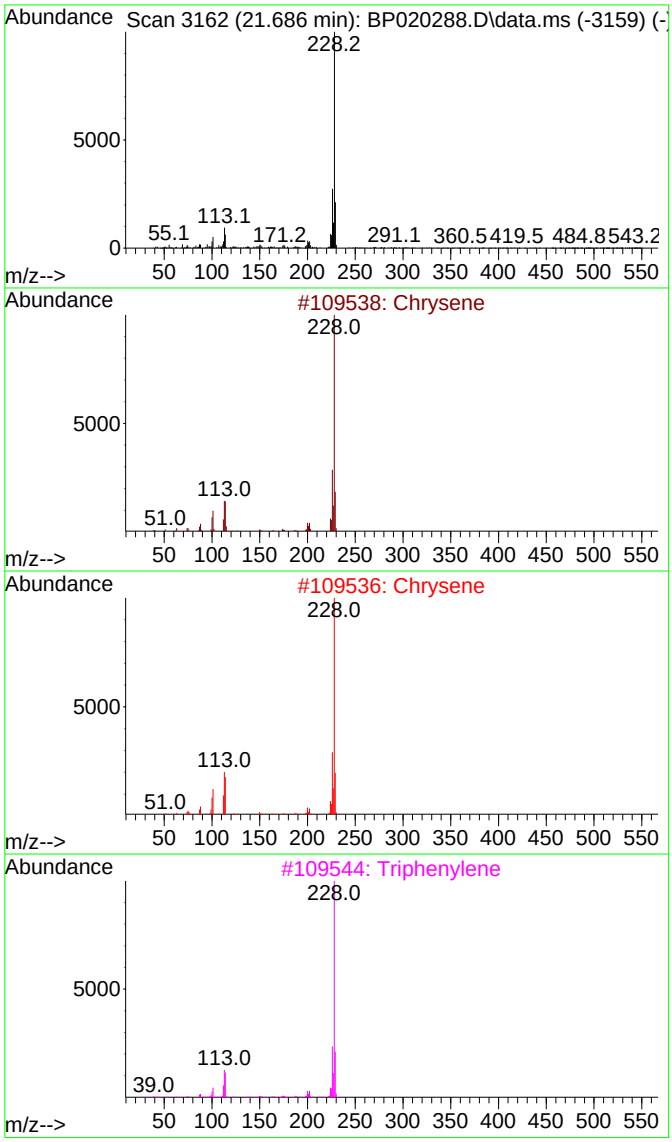
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

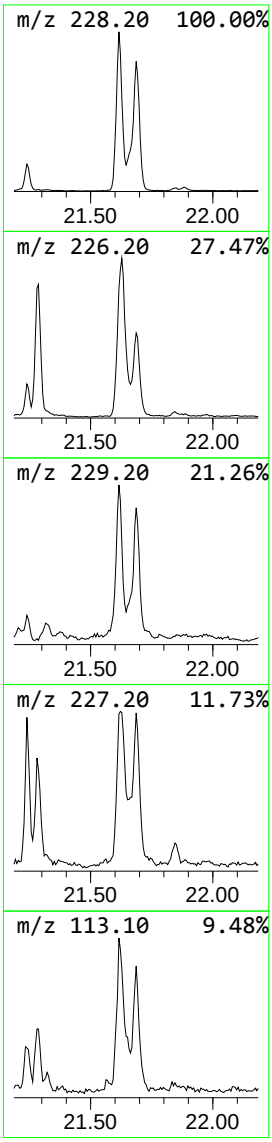
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Chry sene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.686	7.47 ng/ul	936585	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene	228	C18H12	000218-01-9	96
2	Chrysene	228	C18H12	000218-01-9	95
3	Triphenylene	228	C18H12	000217-59-4	93
4	Triphenylene	228	C18H12	000217-59-4	93
5	Benz[a]anthracene	228	C18H12	000056-55-3	93





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Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

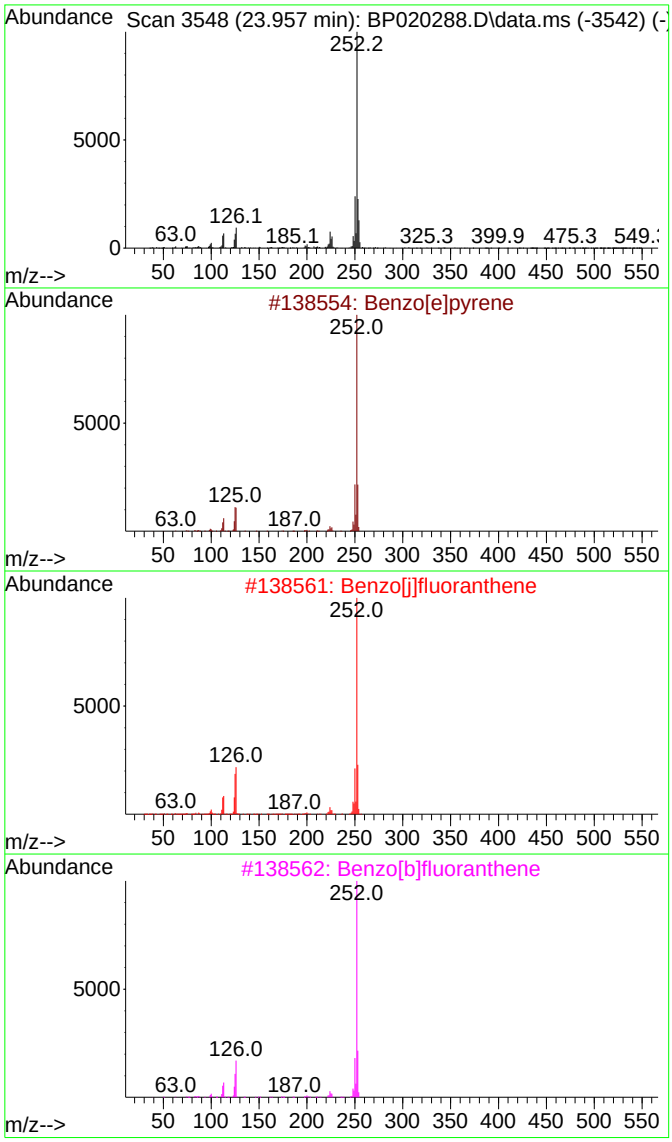
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

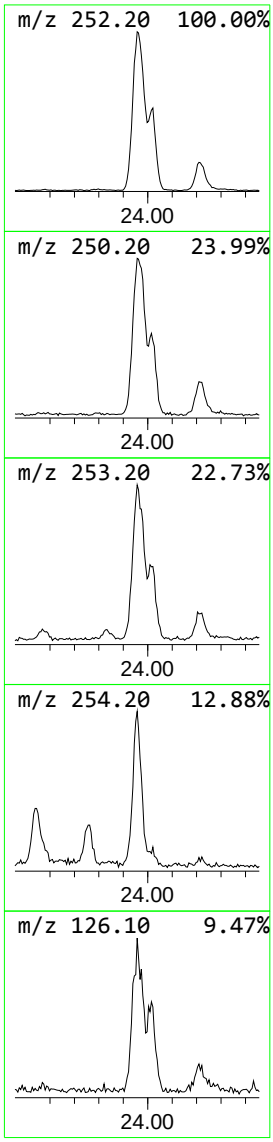
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.957	11.82 ng/ul	786568	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

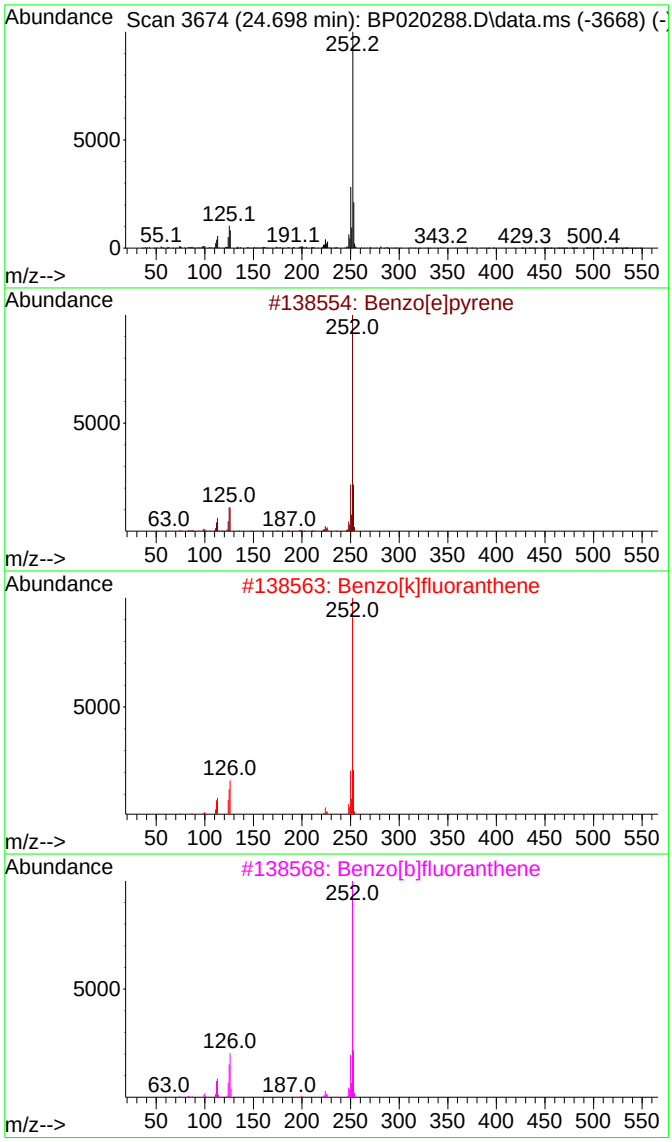
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

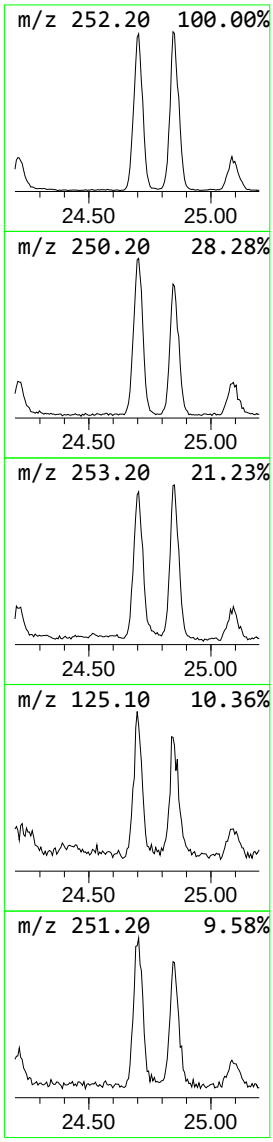
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[k]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.698	9.96 ng/ul	662413	Perylene-d12	25.009

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

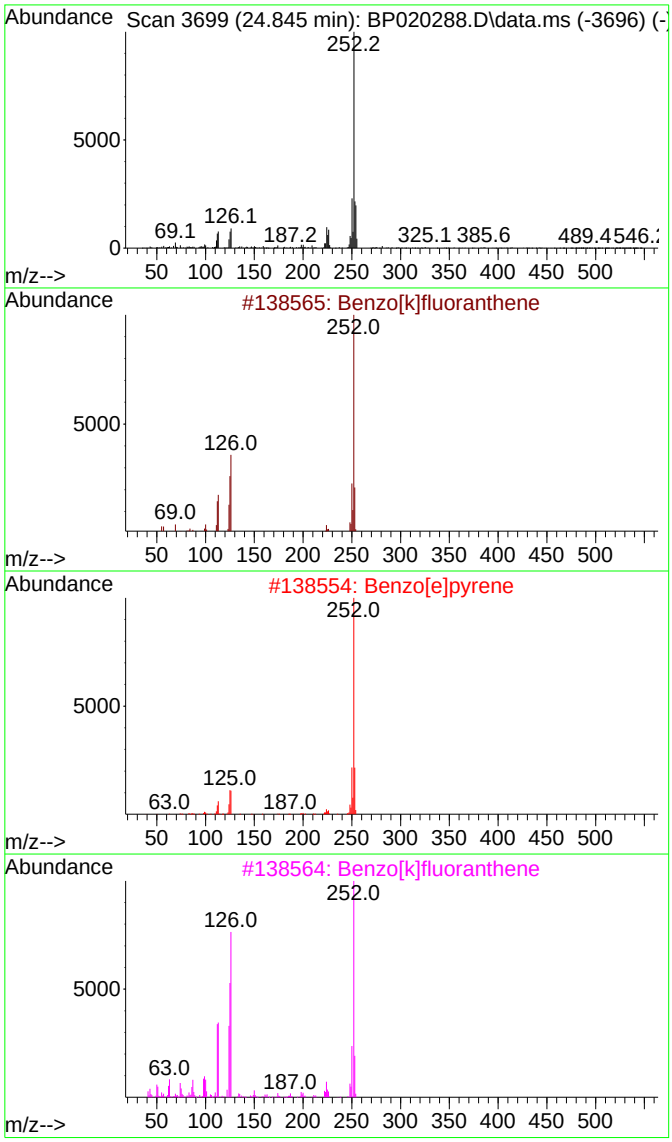
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

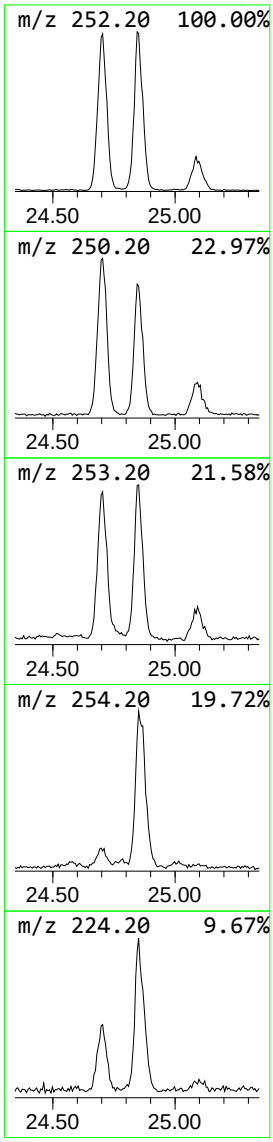
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.845	16.85 ng/ul	1120850	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
2	Benzo[e]pyrene	252	C20H12	000192-97-2	70
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
4	Benzo[a]pyrene	252	C20H12	000050-32-8	70
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020288.D
Acq On : 10 May 2024 12:47
Operator : MA/JU
Sample : P2370-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R6

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
R-(-)-1,2-propa...	3.481	2.9	ng/ul	79151	1	7.604	551076	20.0
Aceto phenone	8.440	3.9	ng/ul	107262	1	7.604	551076	20.0
1-Phenoxypropan...	11.157	3.4	ng/ul	136922	2	10.381	811672	20.0
Diethylene glyc...	13.263	8.5	ng/ul	463496	3	14.292	1090820	20.0
unknown-01	13.498	2.3	ng/ul	123925	3	14.292	1090820	20.0
cis-2,3-Dimethy...	13.640	3.3	ng/ul	181835	3	14.292	1090820	20.0
Butanoic acid, ...	13.834	3.3	ng/ul	180046	3	14.292	1090820	20.0
unknown-02	15.592	2.0	ng/ul	109368	3	14.292	1090820	20.0
unknown-03	15.739	22.4	ng/ul	1560890	4	17.139	1395420	20.0
Phenanthrene, 2...	18.051	3.1	ng/ul	217767	4	17.139	1395420	20.0
n-Hexadecanoic ...	18.110	14.1	ng/ul	980829	4	17.139	1395420	20.0
4H-Cyclopenta[d...	18.257	2.7	ng/ul	185518	4	17.139	1395420	20.0
Naphthalene, 2-...	18.586	3.4	ng/ul	234747	4	17.139	1395420	20.0
9,10-Anthracene...	18.639	2.4	ng/ul	164647	4	17.139	1395420	20.0
9,10-Dimethylan...	19.022	2.9	ng/ul	201003	4	17.139	1395420	20.0
Cyclopenta(def)...	19.180	3.8	ng/ul	262360	4	17.139	1395420	20.0
Fluoran thene	19.304	27.4	ng/ul	1910760	4	17.139	1395420	20.0
4,4'-Bis(tetrah...	19.457	5.4	ng/ul	675430	5	21.633	2508440	20.0
(DEL) Alkane: S...	21.321	3.3	ng/ul	407523	5	21.633	2508440	20.0
Chry sene	21.686	7.5	ng/ul	936585	5	21.633	2508440	20.0
Benzo[e]pyrene	23.957	11.8	ng/ul	786568	6	25.009	1330460	20.0
Benzo[k]fluoran...	24.698	10.0	ng/ul	662413	6	25.009	1330460	20.0
Benzo[a]pyrene	24.845	16.9	ng/ul	1120850	6	25.009	1330460	20.0