LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43T2

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: BP020341.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.493	66	69	77	rBV	14962	29186	0.74%	0.060%
2	3.623	88	91	102	rBV	61835	127992	3.24%	0.265%
3	6.805	626	632	646	rBV	166507	398218	10.07%	0.823%
4	6.969	654	660	675	rVB	135614	251036	6.35%	0.519%
5	7.152	684	691	707	rBV	210705	386835	9.78%	0.800%
6	7.611	761	769	789	rBV	262739	494396	12.50%	1.022%
7	8.328	884	891	903	rBV	212146	457175	11.56%	0.945%
8	8.446	905	911	923	rVB	80032	156394	3.95%	0.323%
9	8.775	960	967	983	rBV	184002	379464	9.60%	0.784%
10	9.369	1063	1068	1077	rBV4	8668	21543	0.54%	0.045%
11	9.487	1079	1088	1104	rVV	166427	338963	8.57%	0.701%
12	10.028	1173	1180	1203	rBV	198440	513619	12.99%	1.062%
13	10.210	1205	1211	1221	rBV4	13459	39260	0.99%	0.081%
14	10.381	1231	1240	1246	rBV	388298	691622	17.49%	1.429%
15	10.434	1246	1249	1257	rVB	48136	76481	1.93%	0.158%
16	10.557	1262	1270	1291	rVV	132851	361713	9.15%	0.748%
17	11.169	1365	1374	1381	rBV4	15936	44371	1.12%	0.092%
18	12.063	1520	1526	1533	rBV2	22152	42135	1.07%	0.087%
19	12.287	1555	1564	1571	rBV	23970	42638	1.08%	0.088%
20	13.434	1755	1759	1768	rVB5	10907	27649	0.70%	0.057%
21	13.598	1780	1787	1792	rBV2	22366	49867	1.26%	0.103%
22	13.651	1792	1796	1799	rVV2	15927	25026	0.63%	0.052%
23	13.704	1799	1805	1817	rVB	509237	755822	19.11%	1.562%
24	13.840	1822	1828	1836	rVB4	12830	32560	0.82%	0.067%
25	13.981	1843	1852	1867	rBV2	549291	1011167	25.57%	2.090%
26	14.293	1896	1905	1912	rBV	614004	958506	24.24%	1.981%
27	14.357	1912	1916	1928	rVB	149524	227062	5.74%	0.469%
28	14.534	1938	1946	1950	rBV6	26195	65457	1.66%	0.135%
29	14.581	1950	1954	1958	rBV3	89828	178953	4.53%	0.370%
30	14.704	1970	1975	1984	rVV	90389	148261	3.75%	0.306%
31	14.781	1984	1988	1993	rVB4	20162	36916	0.93%	0.076%
32	14.940	2009	2015	2018	rBV4	11221	22371	0.57%	0.046%
33	15.316	2073	2079	2085	rBV	748046	1157567	29.27%	2.392%
34	15.375	2085	2089	2099	rVB	137291	218432	5.52%	0.451%
35	15.481	2100	2107	2114	rBV2	161588	348392	8.81%	0.720%
36	15.681	2137	2141	2149	rVB	51746	81446	2.06%	0.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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	15.834	2162	2167	2175	rVB2	50139	103606	2.62%	0.214%
38	15.928	2181	2183	2191	rVB	17722	22903	0.58%	0.047%
39	16.081	2204	2209	2215	rBV6	20226	40413	1.02%	0.084%
40	16.410	2259	2265	2270	rVV3	38354	87875	2.22%	0.182%
41	16.463	2271	2274	2279	rVB3	19227	27726	0.70%	0.057%
42	16.651	2299	2306	2309	rBV3	28567	49756	1.26%	0.103%
43	16.692	2309	2313	2316	rVB2	25689	34445	0.87%	0.071%
44	16.787	2324	2329	2336	rVV	78500	130765	3.31%	0.270%
45	16.875	2337	2344	2350	rVV4	50179	126657	3.20%	0.262%
46	16.951	2351	2357	2365	rVB	95761	173432	4.39%	0.358%
47	17.128	2381	2387	2391	rBV	765522	1256659	31.78%	2.597%
48	17.175	2391	2395	2400	rVV	1931322	2904571	73.45%	6.003%
49	17.234	2400	2405	2409	rVV	952763	1454365	36.78%	3.006%
50	17.269	2409	2411	2418	rVV	335107	510315	12.90%	1.055%
51	17.345	2421	2424	2433	rVB	36151	76759	1.94%	0.159%
52	17.563	2453	2461	2476	rVB2	139316	351147	8.88%	0.726%
53	17.681	2476	2481	2487	rVV3	46947	87172	2.20%	0.180%
54	17.757	2492	2494	2500	rVB5	30233	48162	1.22%	0.100%
55	18.051	2536	2544	2547	rBV	199016	341967	8.65%	0.707%
56	18.098	2547	2552	2559	rVB2	453937	780592	19.74%	1.613%
57	18.181	2562	2566	2571	rVB	104307	132651	3.35%	0.274%
58	18.251	2571	2578	2581	rBV3	288832	531501	13.44%	1.099%
59	18.286	2581	2584	2593	rVB	139624	231256	5.85%	0.478%
60	18.386	2597	2601	2604	rBV5	31086	53594	1.36%	0.111%
61	18.533	2621	2626	2628	rBV6	27908	47097	1.19%	0.097%
62	18.575	2629	2633	2638	rVV	171822	261042	6.60%	0.540%
63	18.633	2638	2643	2649	rVB	182530	279362	7.06%	0.577%
64	18.692	2649	2653	2659	rBV3	37844	71654	1.81%	0.148%
65	18.828	2673	2676	2681	rVB2	49916	72885	1.84%	0.151%
66	18.881	2682	2685	2689	rVB	30214	38459	0.97%	0.079%
67	18.928	2689	2693	2697	rBV	51677	65977	1.67%	0.136%
68	19.010	2702	2707	2712	rBV	107712	172024	4.35%	0.356%
69	19.075	2712	2718	2722	rBV4	80345	185275	4.69%	0.383%
70	19.163	2727	2733	2740	rBV3	142128	342869	8.67%	0.709%
71	19.281	2747	2753	2763	rVB	2741926	3954426	100.00%	8.173%
72	19.398	2769	2773	2775	rBV3	35196	45095	1.14%	0.093%
73	19.439	2776	2780	2788	rBV2	122089	226570	5.73%	0.468%
74	19.533	2789	2796	2802	rBV2	104685	237052	5.99%	0.490%
75	19.633	2808	2813	2815	rBV	1545041	2188012	55.33%	4.522%
76	19.663	2815	2818	2827	rVV	2494444	3666345	92.71%	7.578%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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	19.739	2827	2831	2838	rVB2	106342	180160	4.56%	0.372%
78	19.857	2848	2851	2857	rBV	107987	191699	4.85%	0.396%
79	19.933	2859	2864	2870	rVB	109631	189029	4.78%	0.391%
80	20.010	2872	2877	2885	rVB2	152497	323174	8.17%	0.668%
81	20.157	2896	2902	2903	rBV3	105106	186223	4.71%	0.385%
82	20.198	2906	2909	2913	rVB	207669	286133	7.24%	0.591%
83	20.298	2922	2926	2929	rBV	169470	243312	6.15%	0.503%
84	20.351	2930	2935	2939	rVV2	197516	354896	8.97%	0.734%
85	20.498	2957	2960	2965	rBV	96018	151711	3.84%	0.314%
86	20.551	2965	2969	2976	rVV2	131498	271638	6.87%	0.561%
87	20.998	3041	3045	3052	rBV	170675	247110	6.25%	0.511%
88	21.175	3072	3075	3080	rBV	154337	222820	5.63%	0.461%
89	21.222	3080	3083	3087	rVV	175459	221471	5.60%	0.458%
90	21.269	3087	3091	3093	rVV	152246	231784	5.86%	0.479%
91	21.298	3094	3096	3101	rVV3	269980	433761	10.97%	0.897%
92	21.345	3101	3104	3117	rVB	205508	438139	11.08%	0.906%
93	21.610	3142	3149	3154	rBV2	1401350	3226157	81.58%	6.668%
94	21.663	3154	3158	3163	rVB	939445	1430892	36.18%	2.957%
95	21.816	3181	3184	3190	rVB	122110	183817	4.65%	0.380%
96	23.921	3534	3542	3550	rBV	574883	1919473	48.54%	3.967%
97	24.663	3662	3668	3675	rBV	388951	963577	24.37%	1.992%
98	24.745	3676	3682	3688	rVV2	609624	1740305	44.01%	3.597%
99	24.816	3689	3694	3705	rVB	730649	1883359	47.63%	3.893%
100	24.980	3714	3722	3729	rBV	505774	1252023	31.66%	2.588%

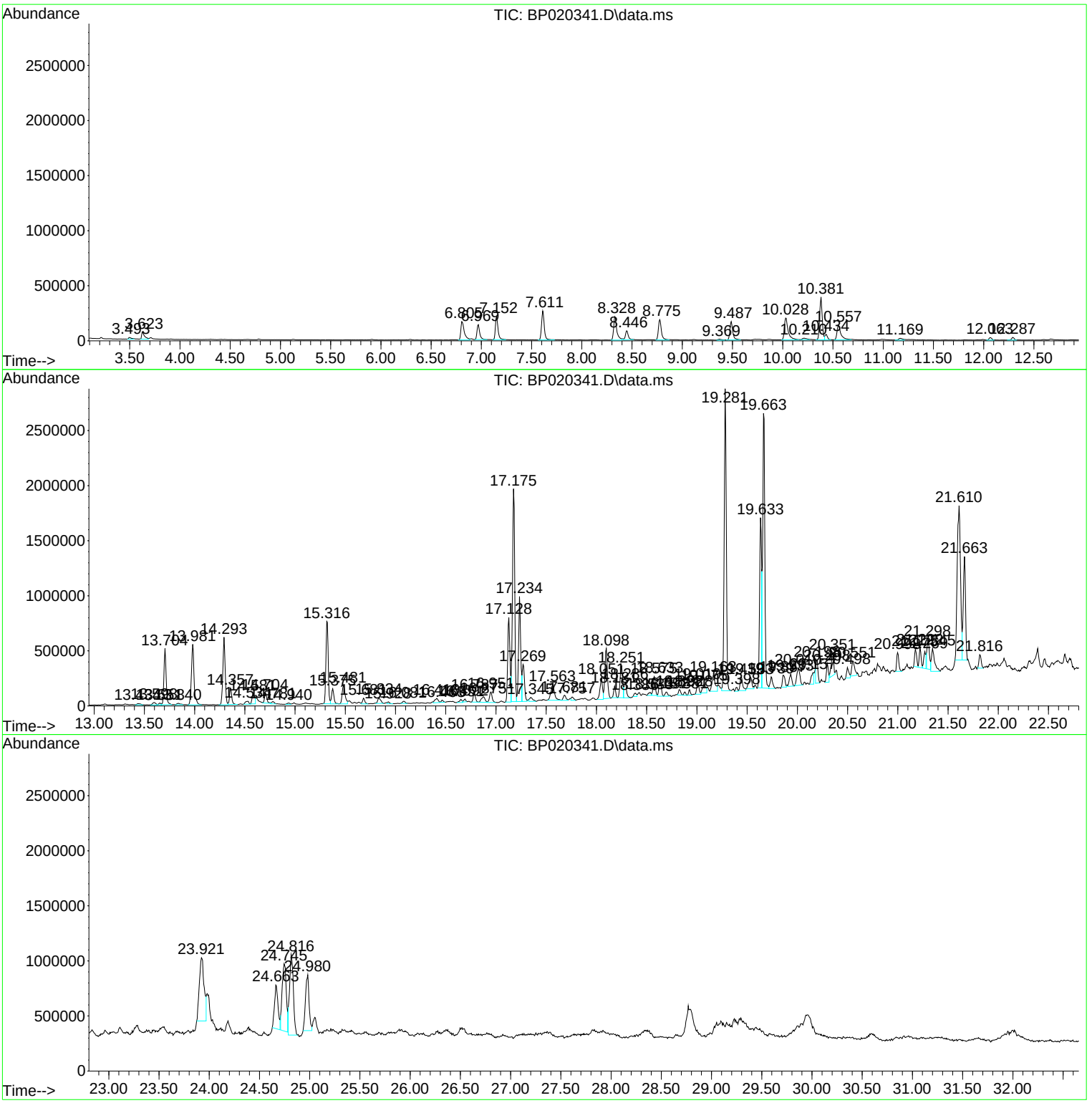
Sum of corrected areas: 48383591

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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 : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

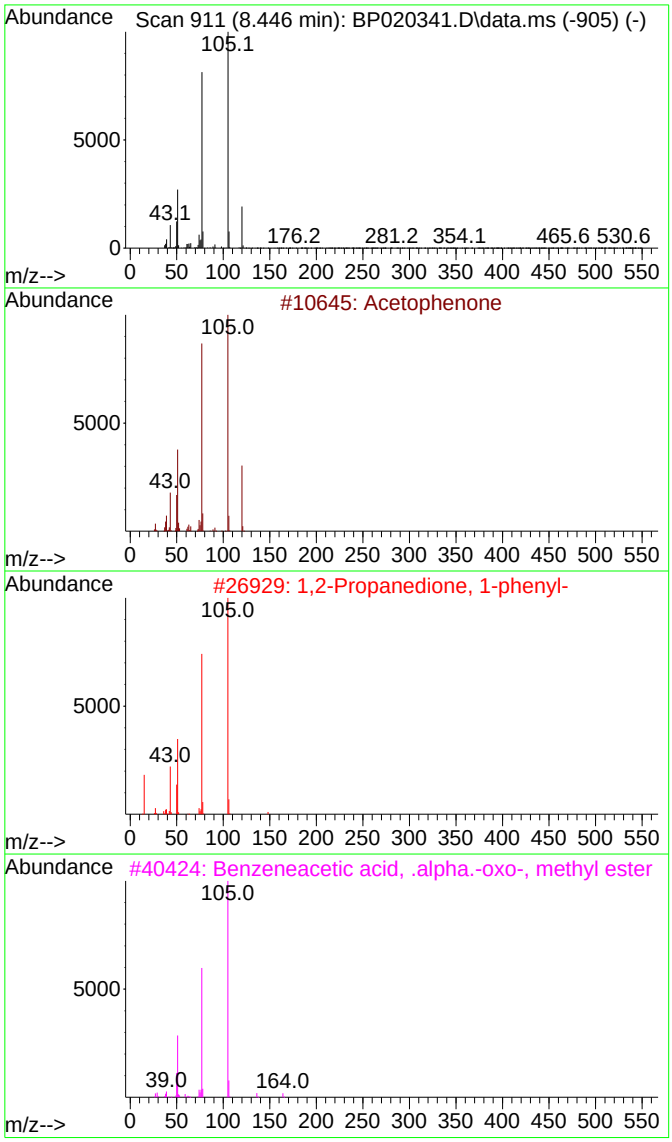
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

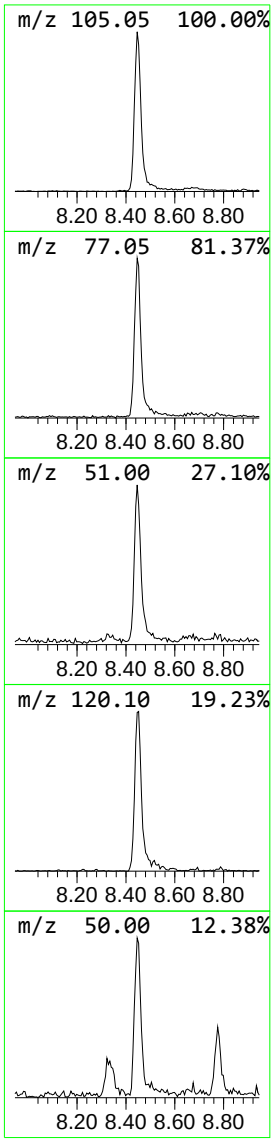
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.446	6.33 ng/ul	156394	1,4-Dichlorobenzene-d4	7.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	72
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	72
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	72
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

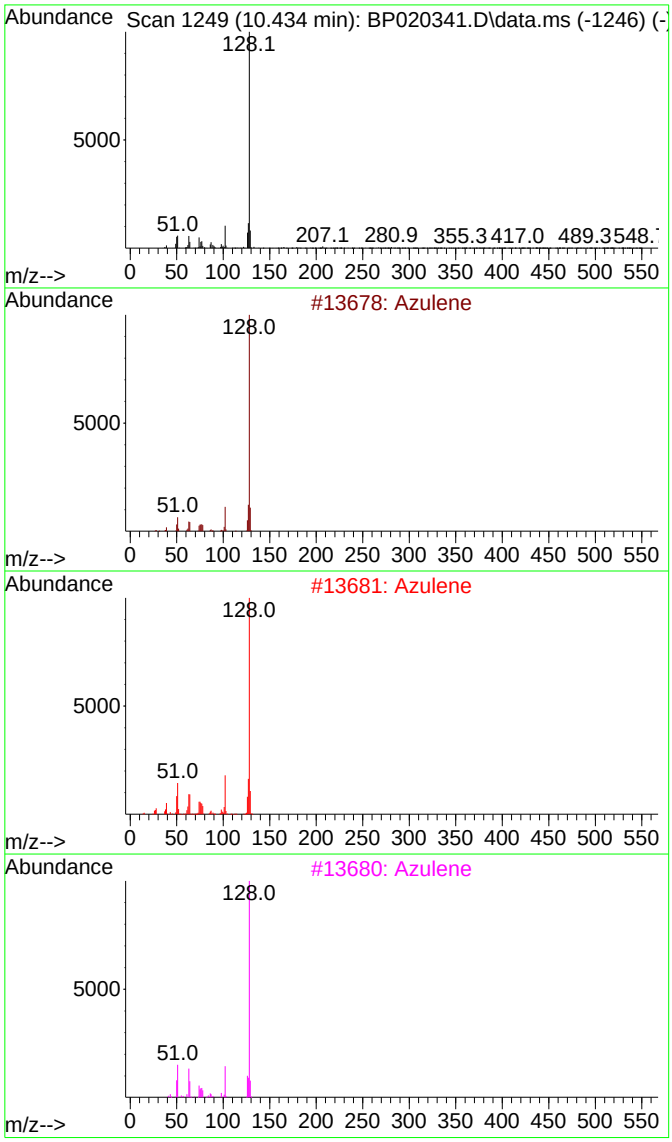
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

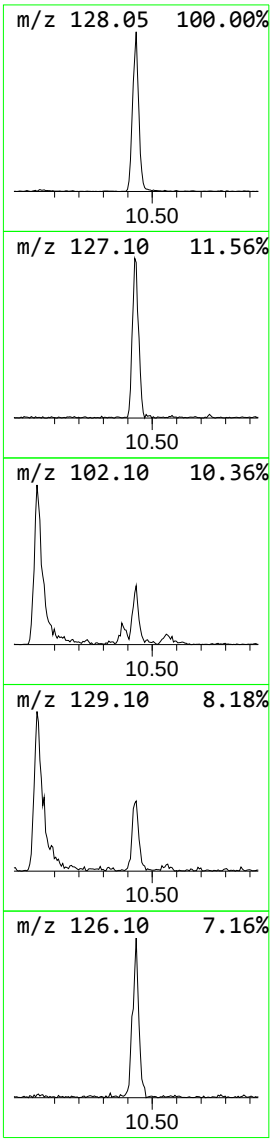
****

Peak Number 2 Azulene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	2.21 ng/ul	76481	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	90
2	Azulene	128	C10H8	000275-51-4	90
3	Azulene	128	C10H8	000275-51-4	87
4	Naphthalene	128	C10H8	000091-20-3	87
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

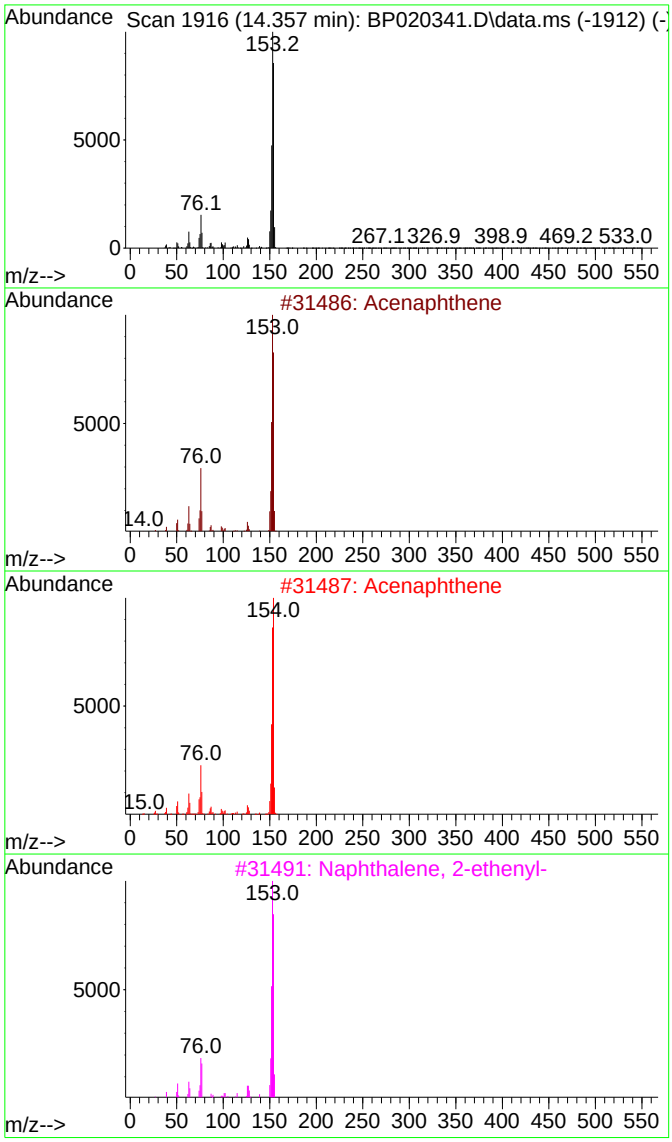
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

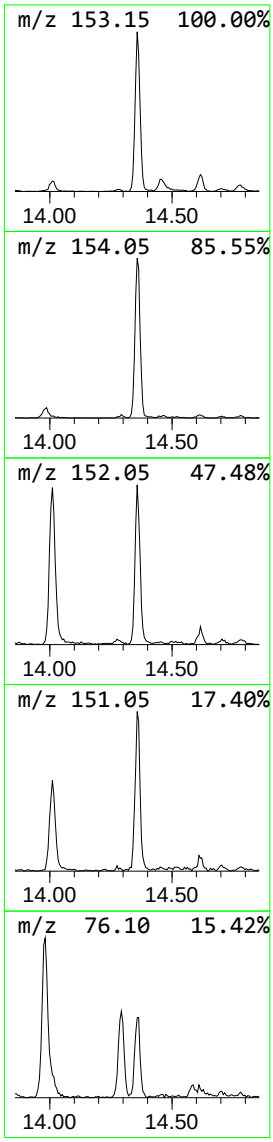
****

Peak Number 3 Acena phthene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	4.74 ng/ul	227062	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Acenaphthene	154	C12H10	000083-32-9	64
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
4	Acenaphthene	154	C12H10	000083-32-9	64
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
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Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

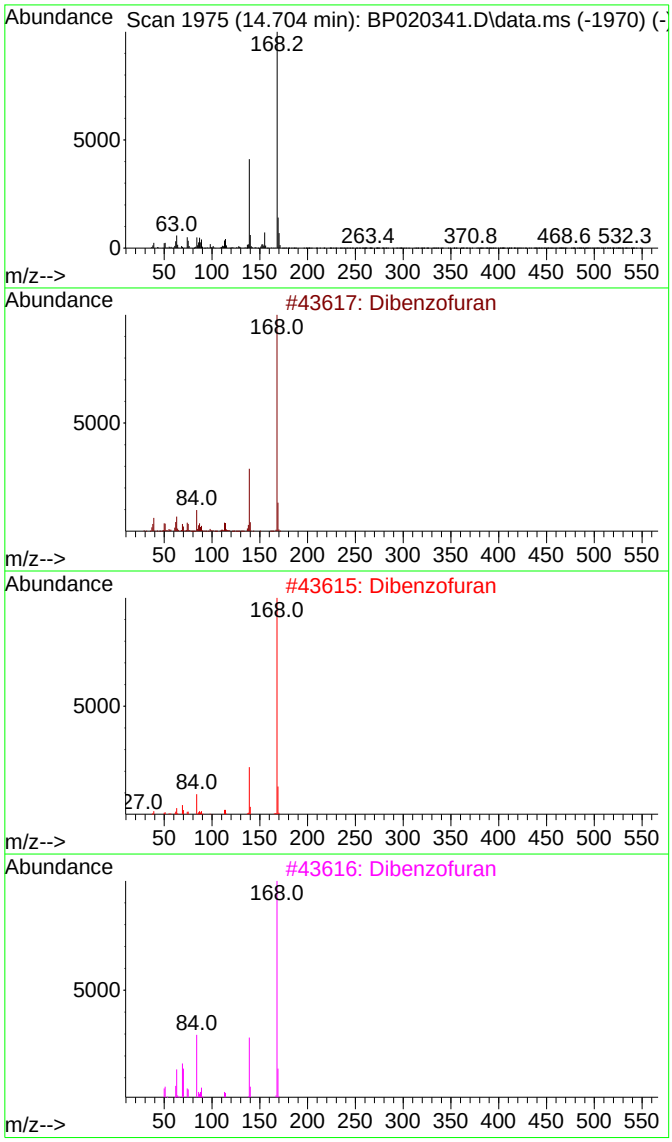
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

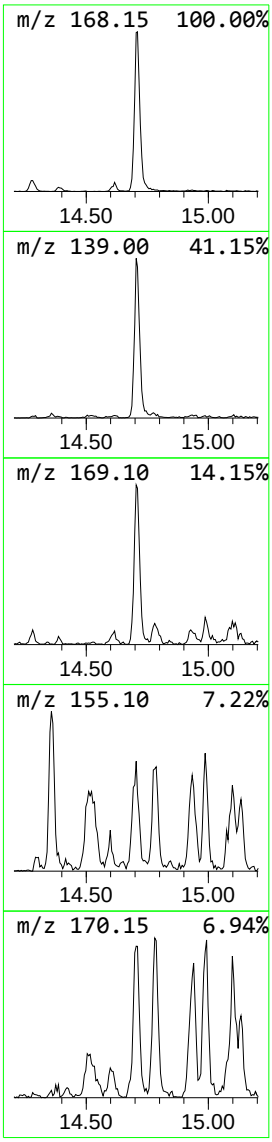
****

Peak Number 4 Dibenzo furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	3.09 ng/ul	148261	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	56
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

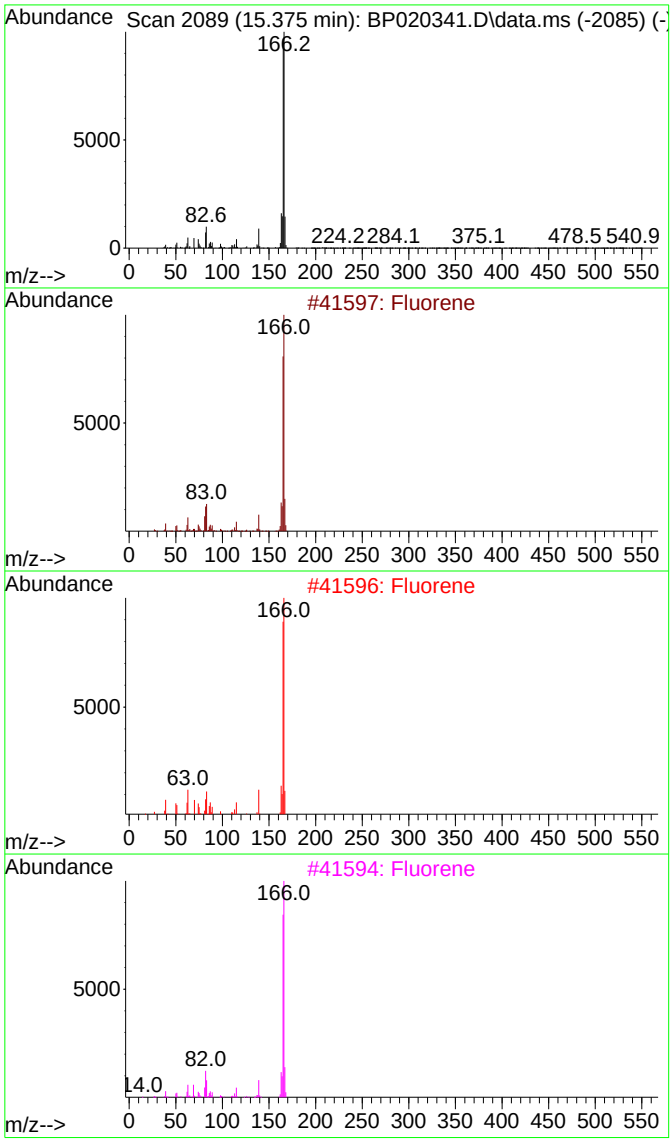
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

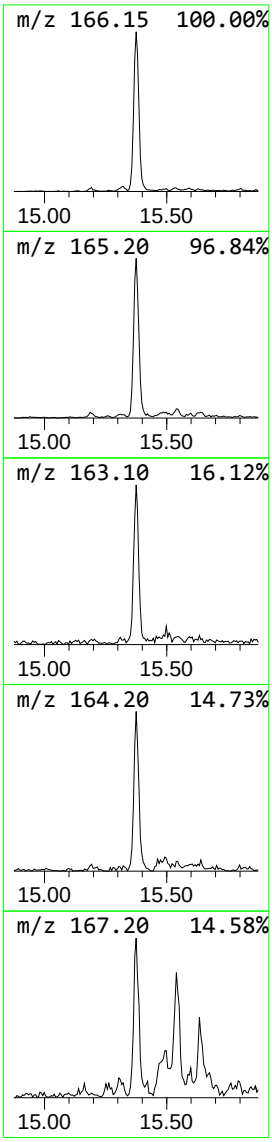
****

Peak Number 5 Fluor ene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	4.56 ng/ul	218432	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	94
2	Fluorene	166	C13H10	000086-73-7	91
3	Fluorene	166	C13H10	000086-73-7	91
4	Fluorene	166	C13H10	000086-73-7	91
5	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	64





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

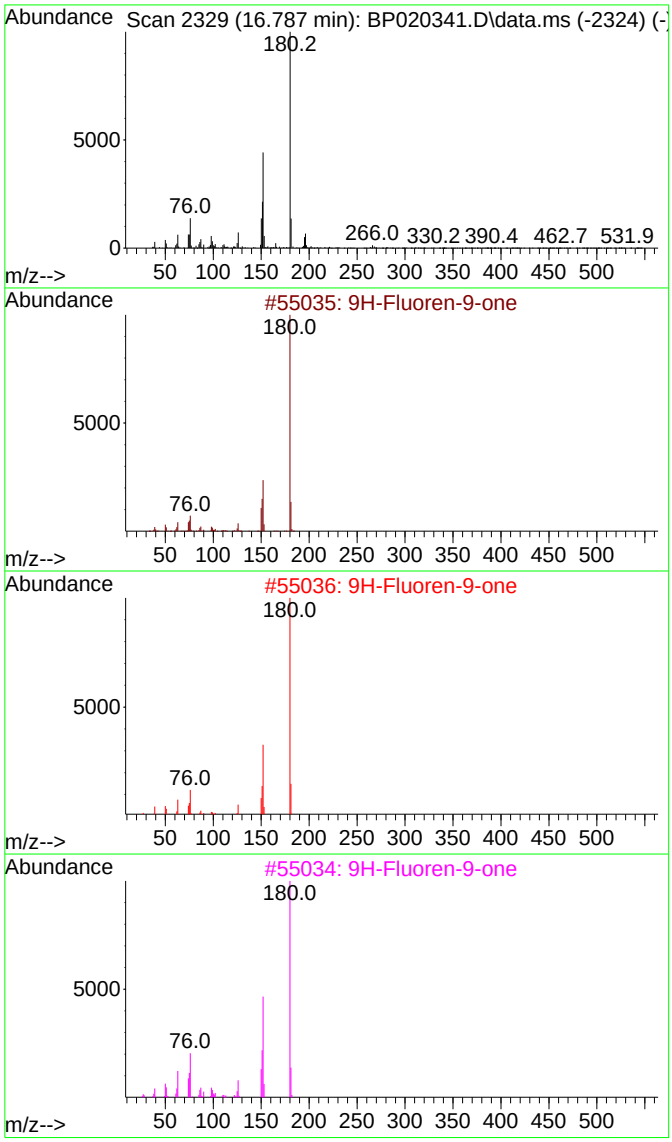
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

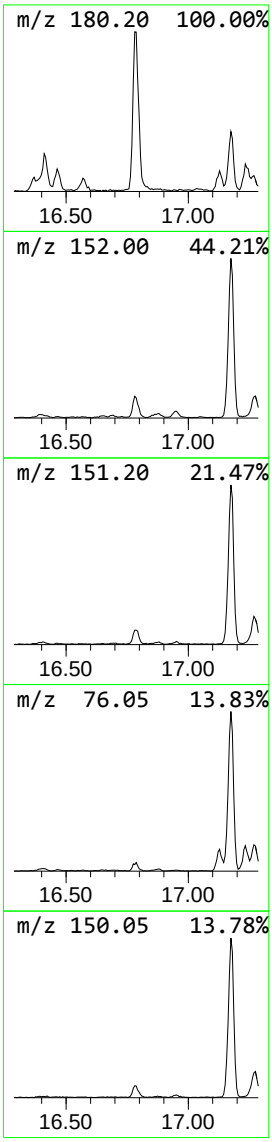
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.787	2.08 ng/ul	130765	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	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





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Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

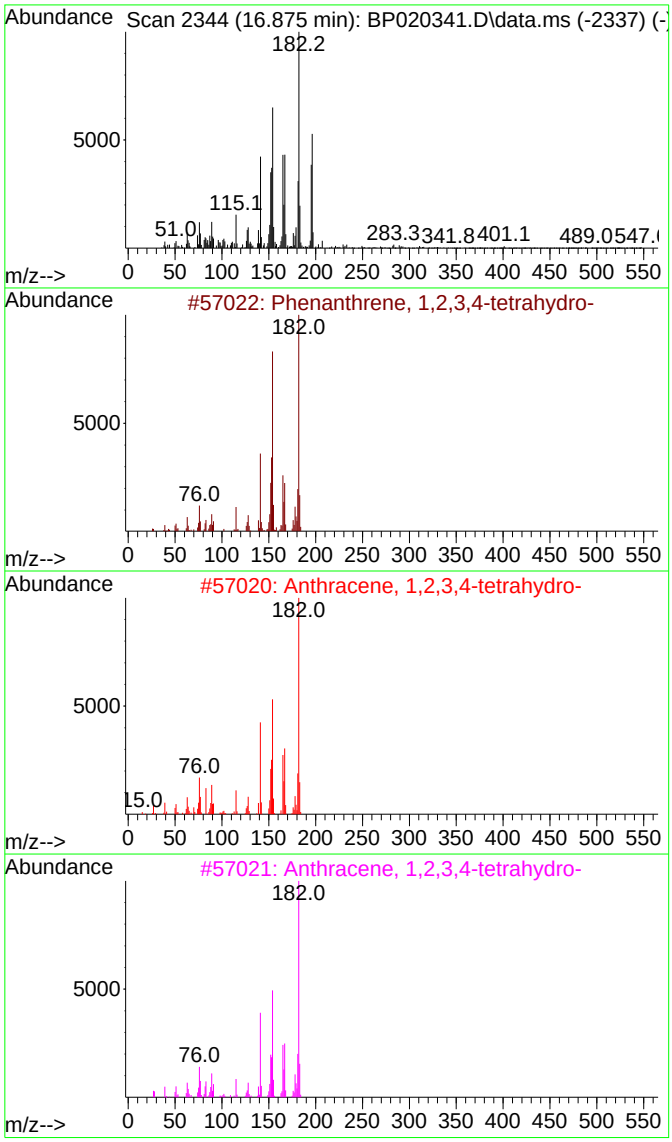
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

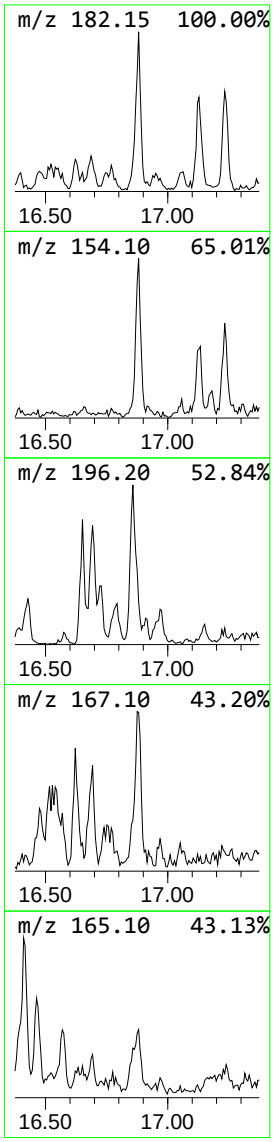
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	2.02 ng/ul	126657	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	91
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	58
4	Dehydrochamazulene	182	C14H14	321732-25-6	55
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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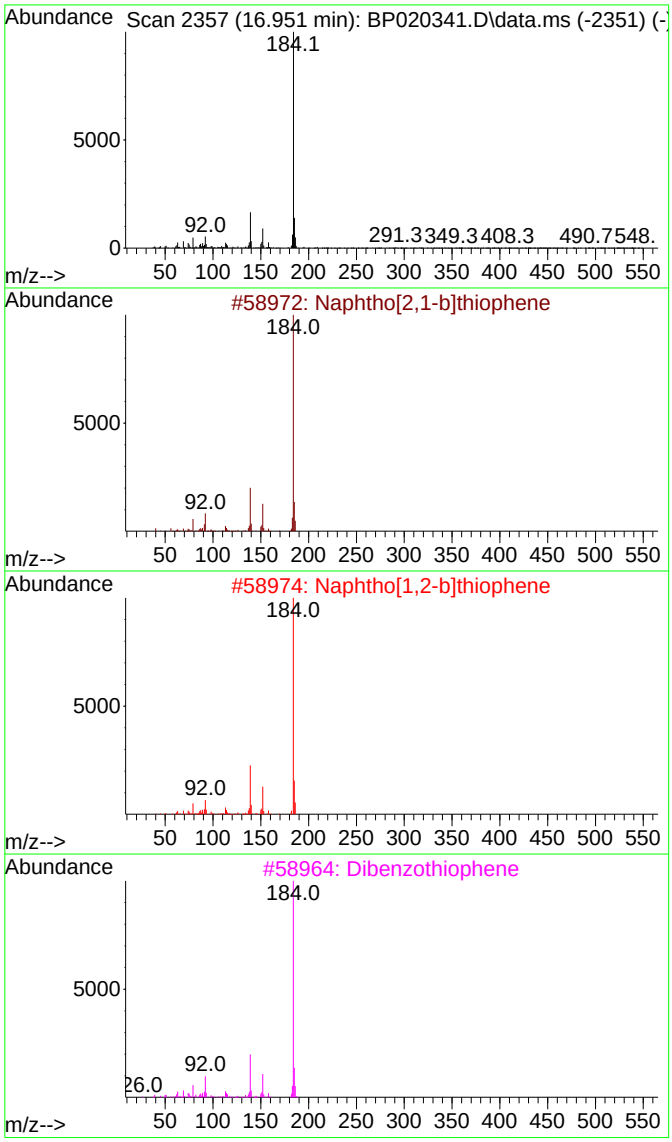
Quant Title : SVOA CALIBRATION

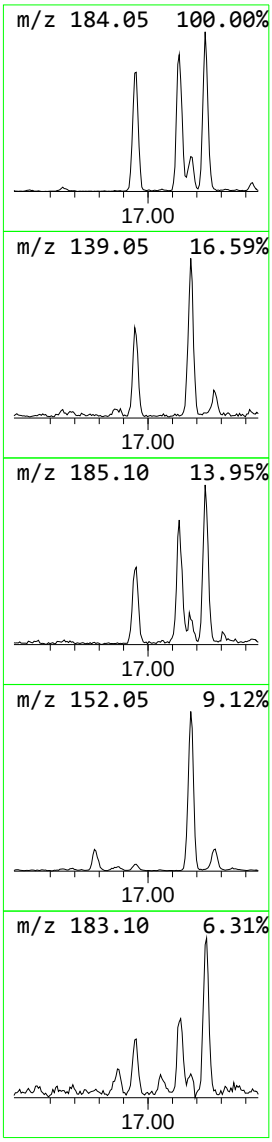
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	2.76 ng/ul	173432	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	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

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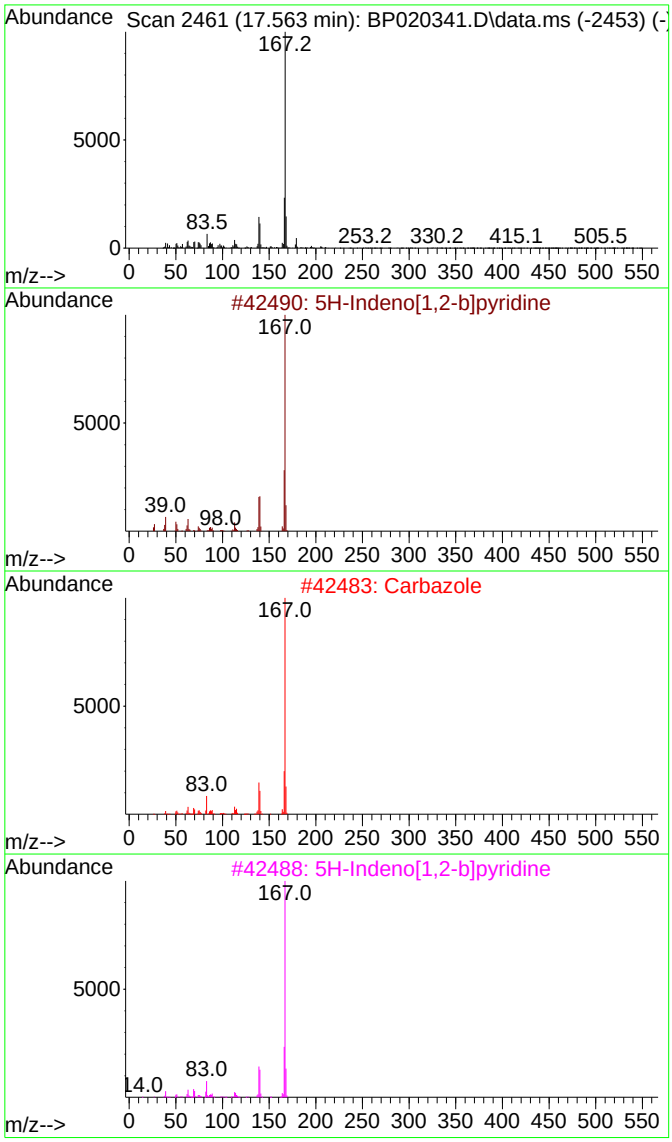
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

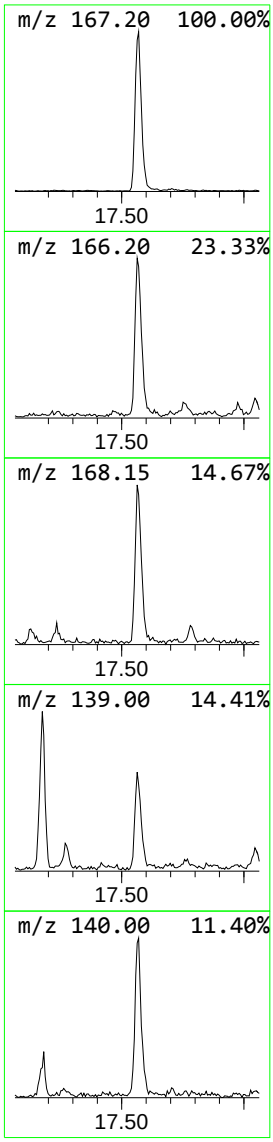
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5H-Indeno[1,2-b]pyridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	5.59 ng/ul	351147	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86





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Misc :
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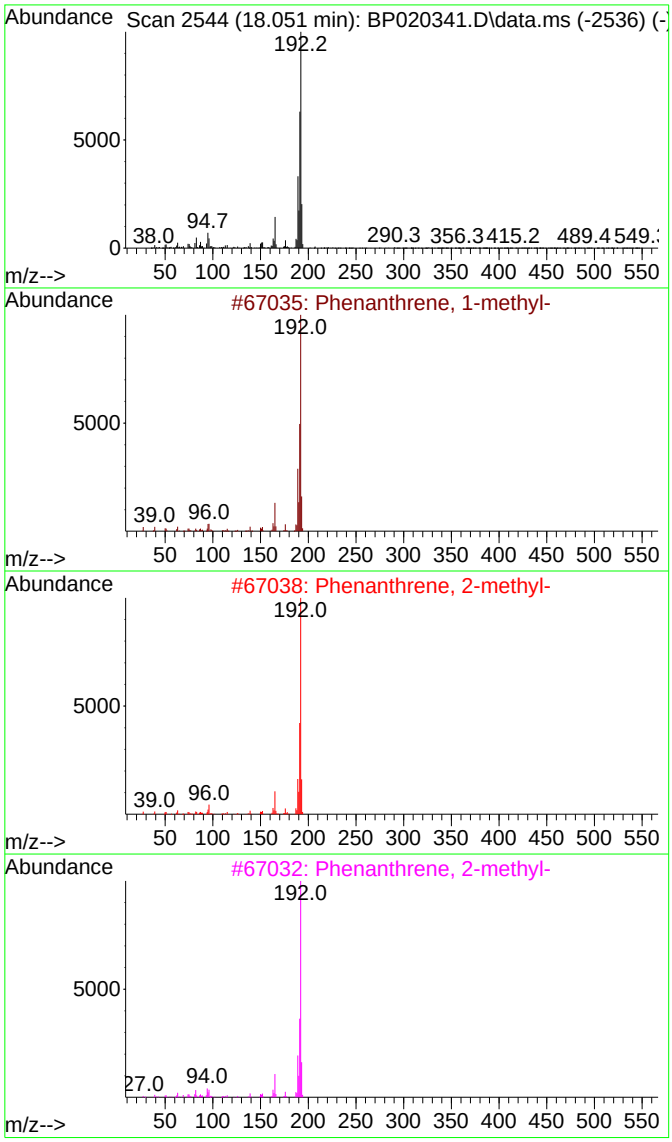
Quant Title : SVOA CALIBRATION

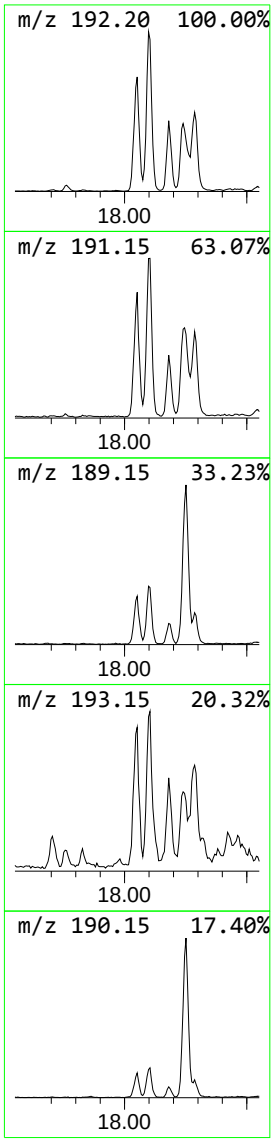
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	5.44 ng/ul	341967	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : P2371-20
Misc :
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Instrument :
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ClientSampleId :
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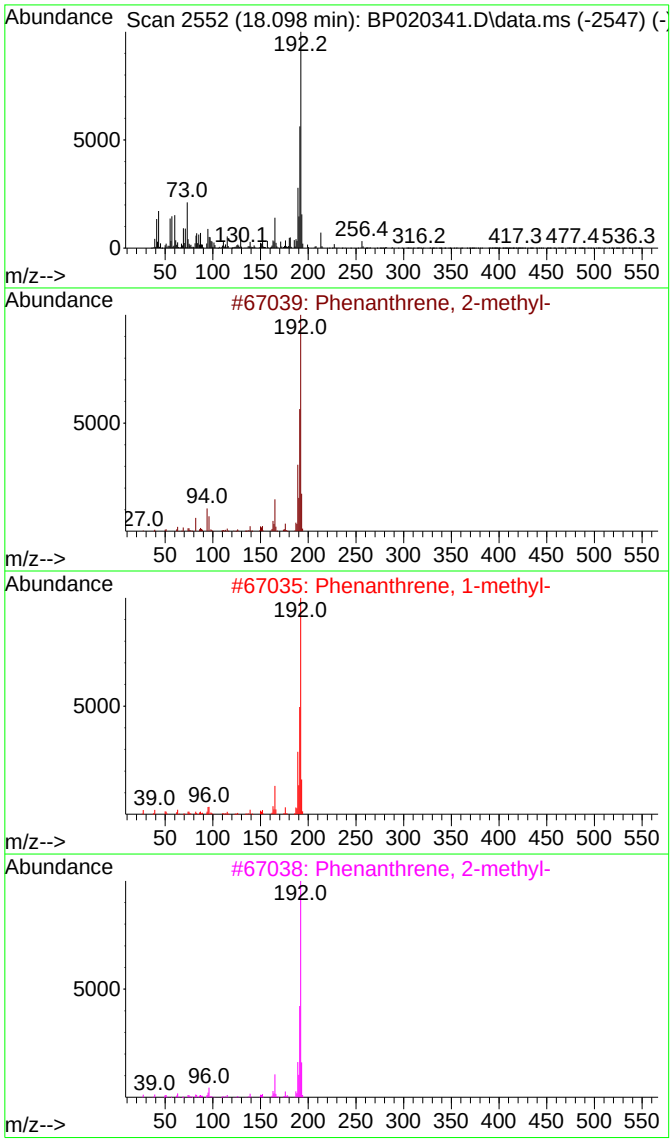
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

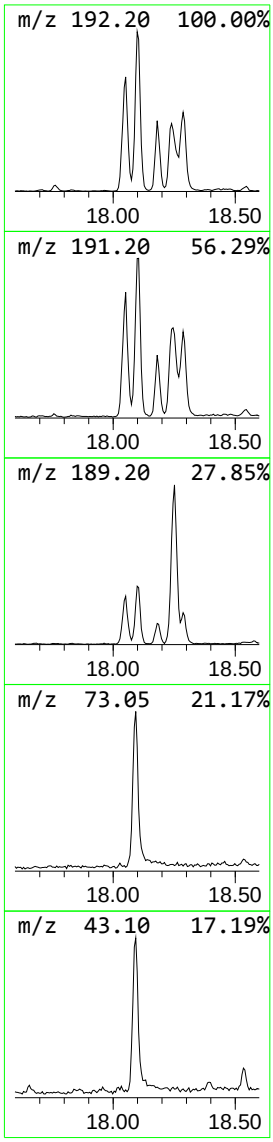
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	12.42 ng/ul	780592	Phenanthrene-d10	17.128

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





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Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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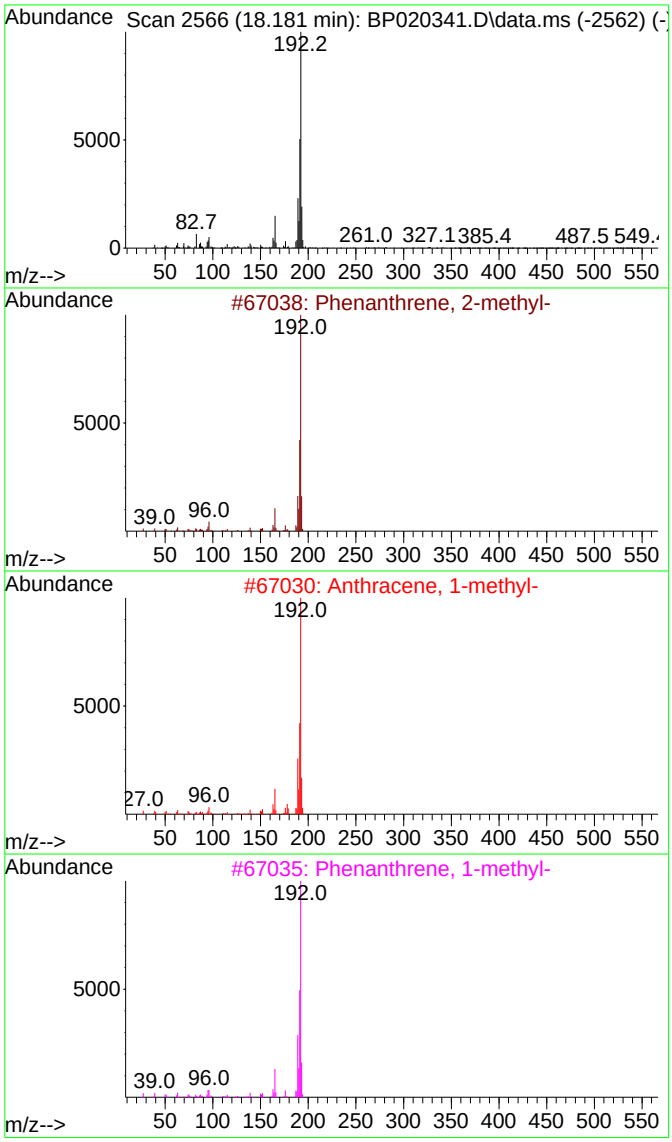
Quant Title : SVOA CALIBRATION

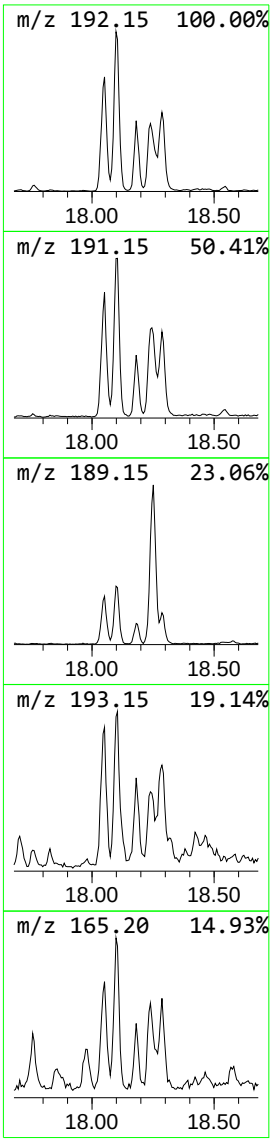
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	2.11 ng/ul	132651	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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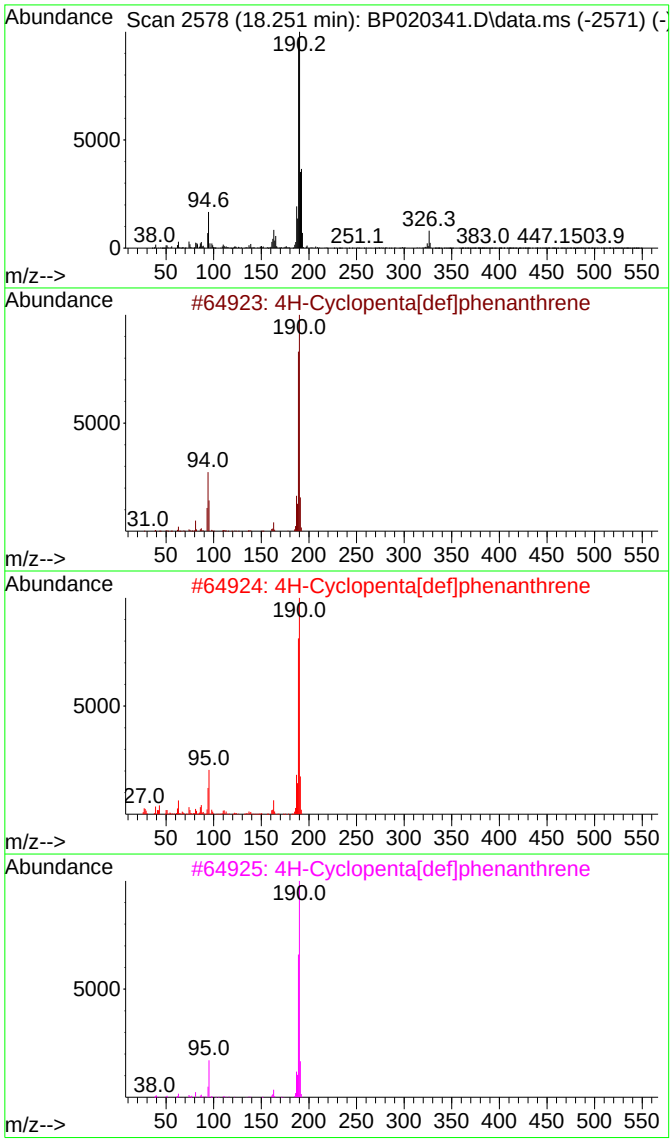
Quant Title : SVOA CALIBRATION

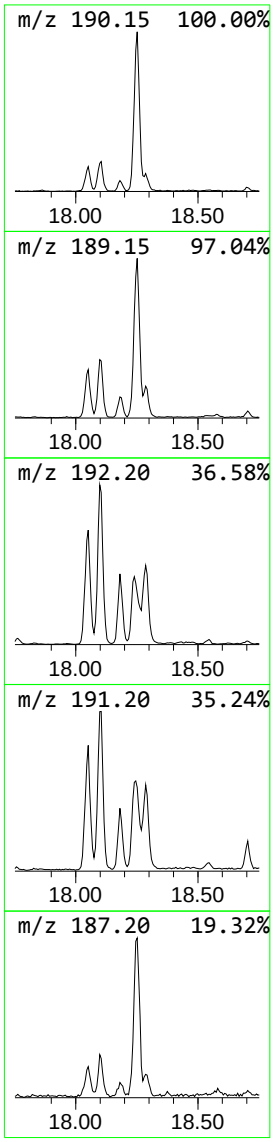
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	8.46 ng/ul	531501	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Quant Title : SVOA CALIBRATION

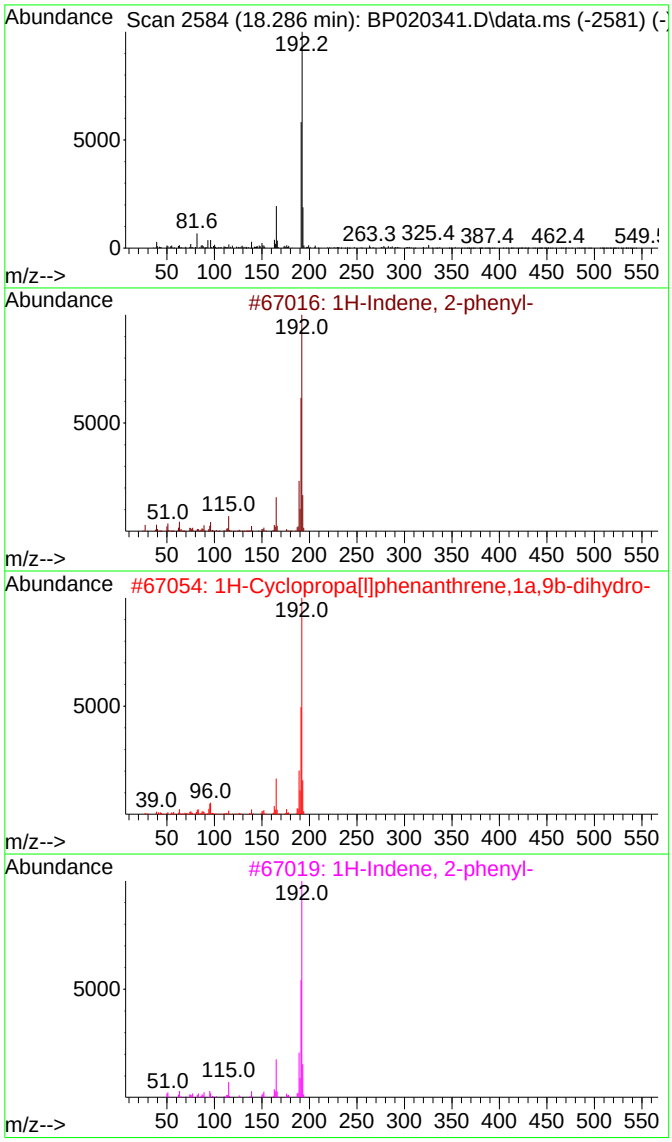
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

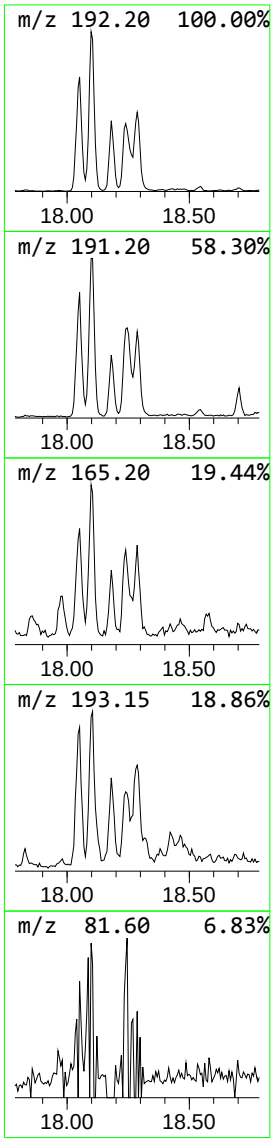
****

Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.68 ng/ul	231256	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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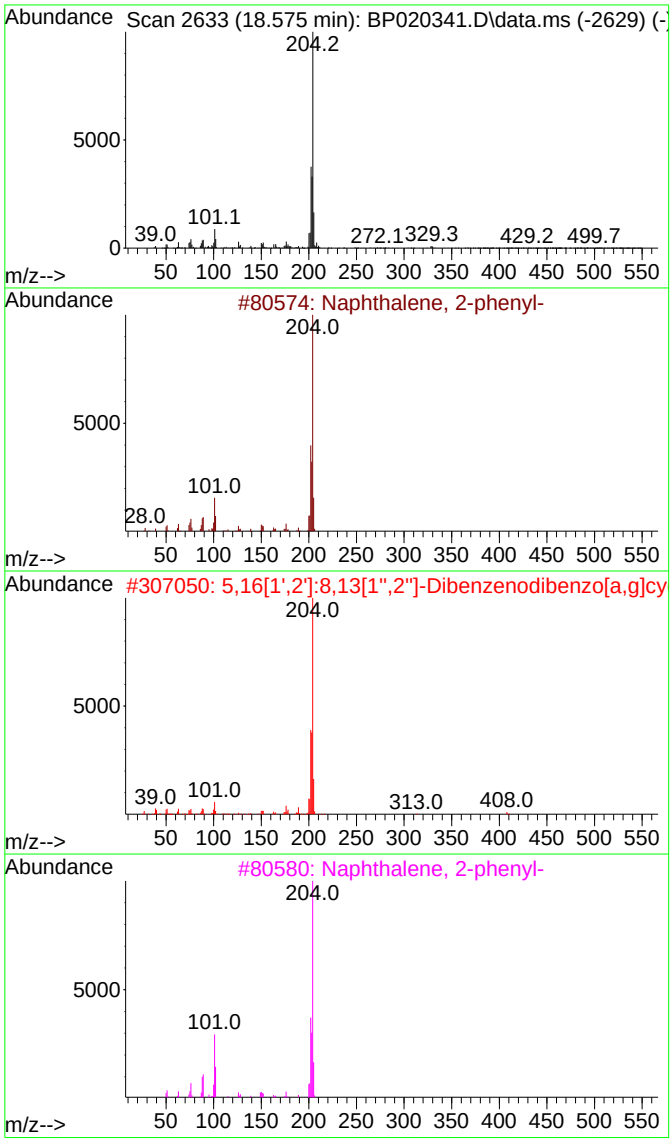
Quant Title : SVOA CALIBRATION

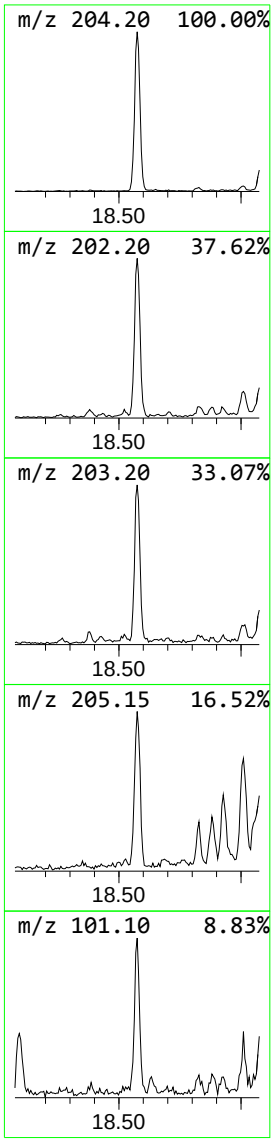
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	4.15 ng/ul	261042	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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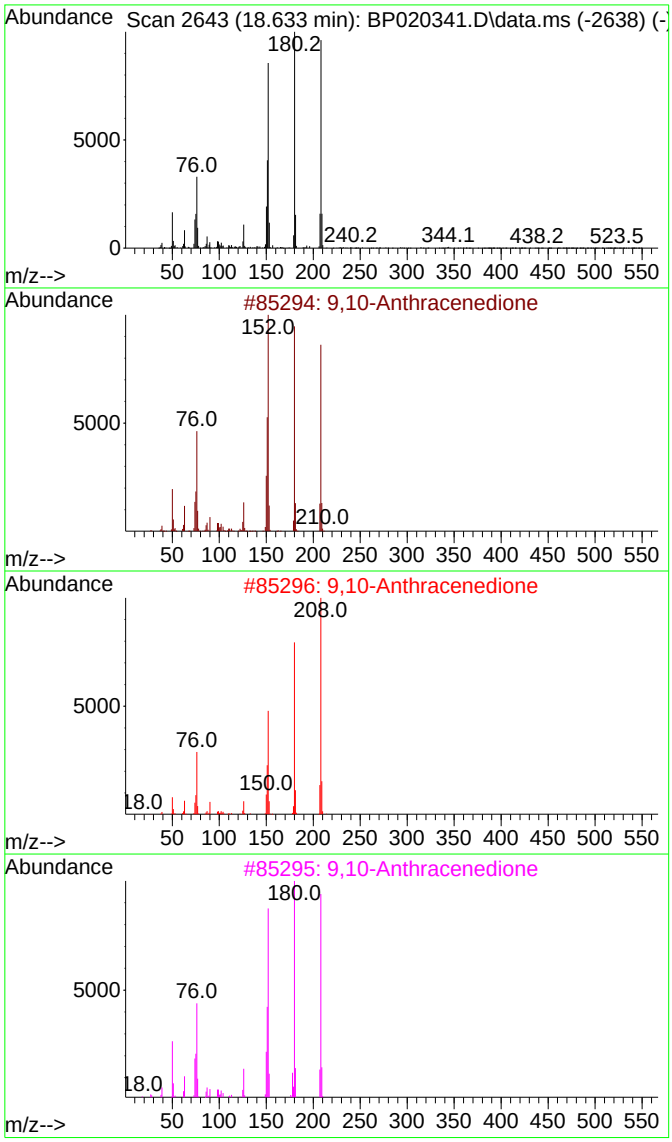
Quant Title : SVOA CALIBRATION

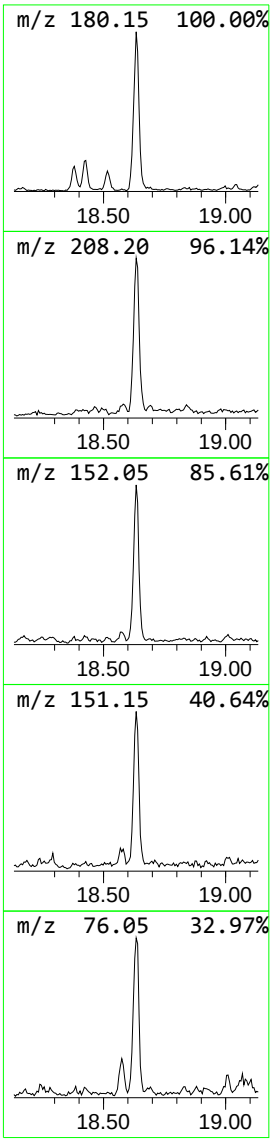
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	4.45 ng/ul	279362	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Acq On : 12 May 2024 05:35
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ALS Vial : 62 Sample Multiplier: 1

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ClientSampleId :
A43T2

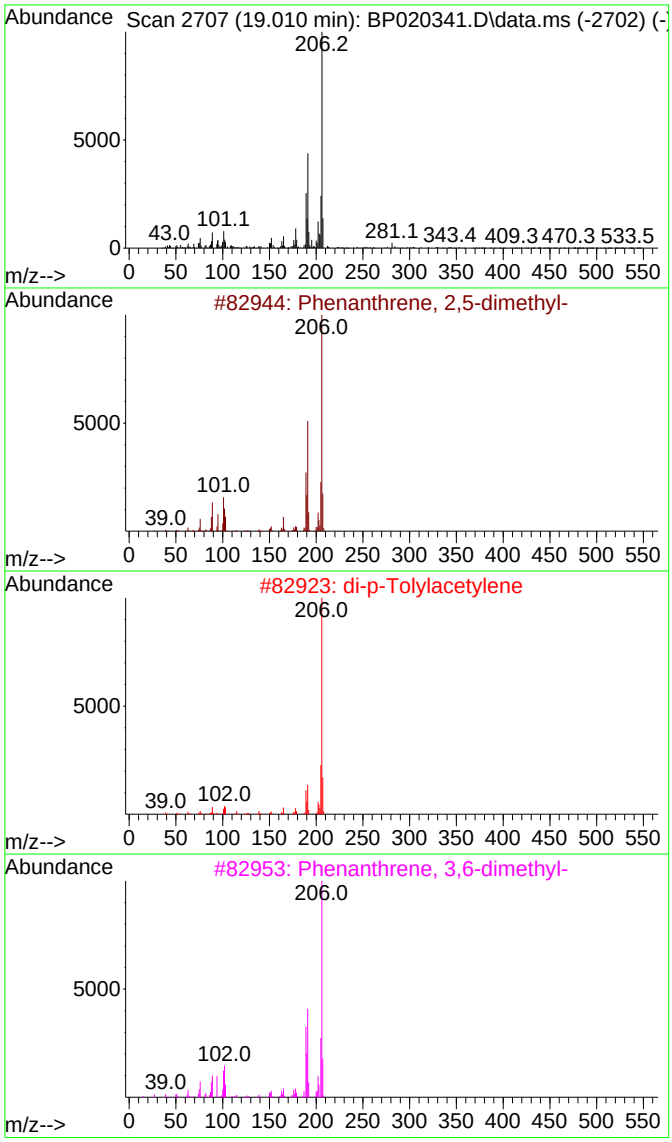
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

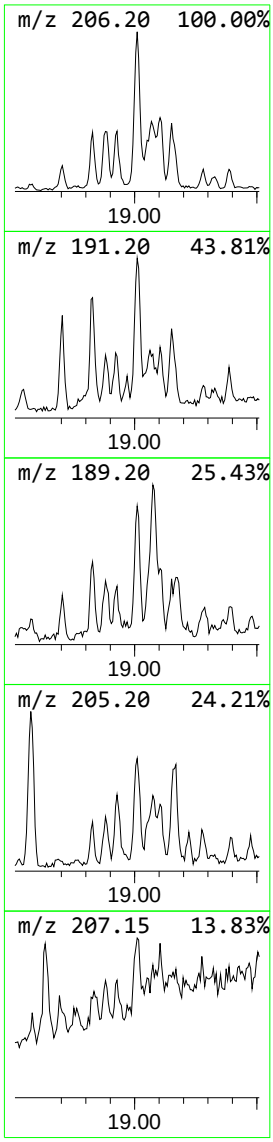
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	2.74 ng/ul	172024	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

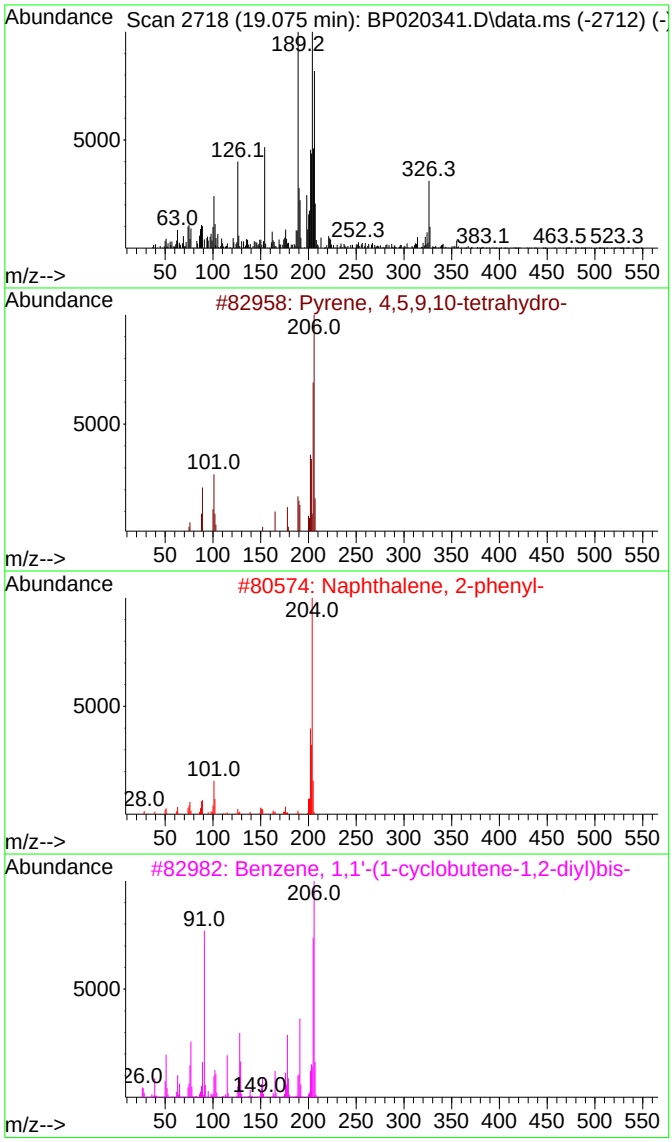
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

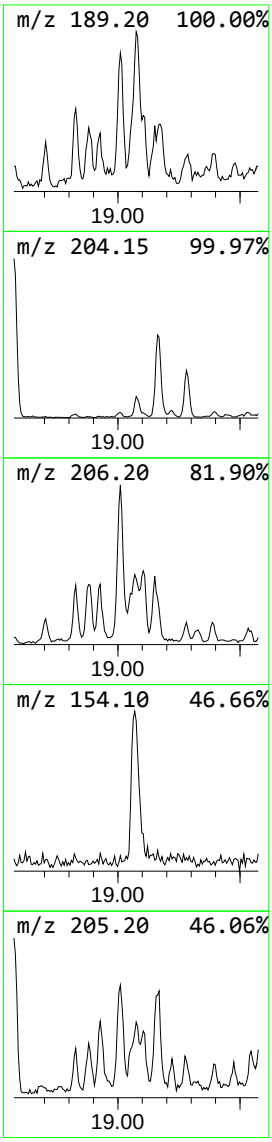
****

Peak Number 18 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	2.95 ng/ul	185275	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
3	Benzene, 1,1'-(1-cyclobutene-1,2...	206	C16H14	003306-02-3	25
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	22
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	22





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

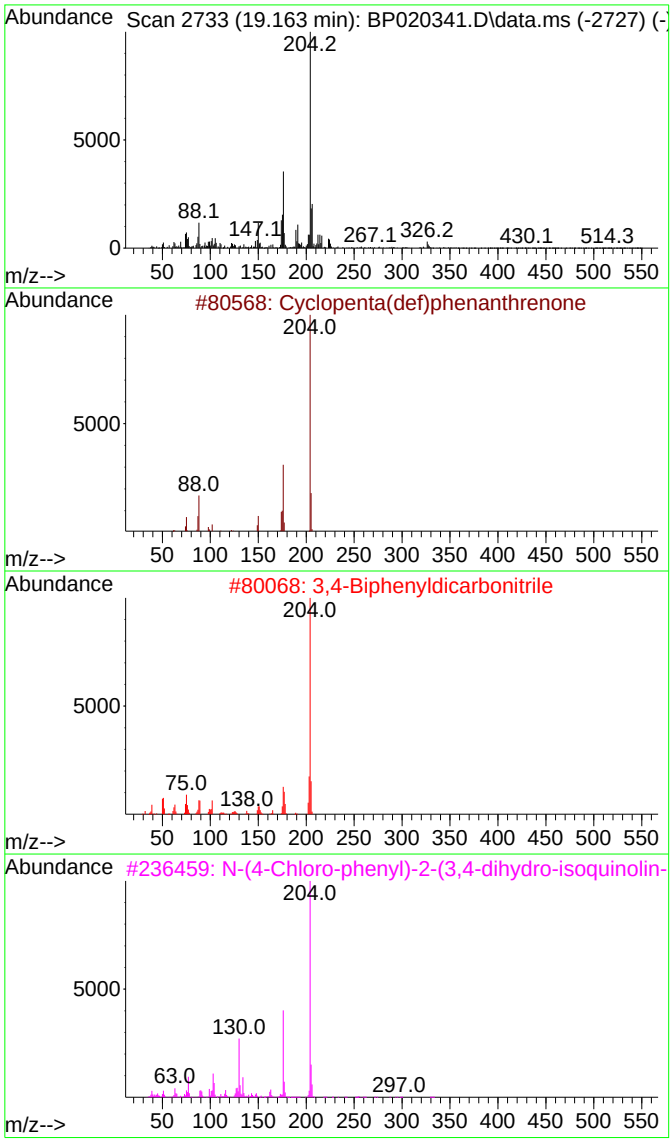
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

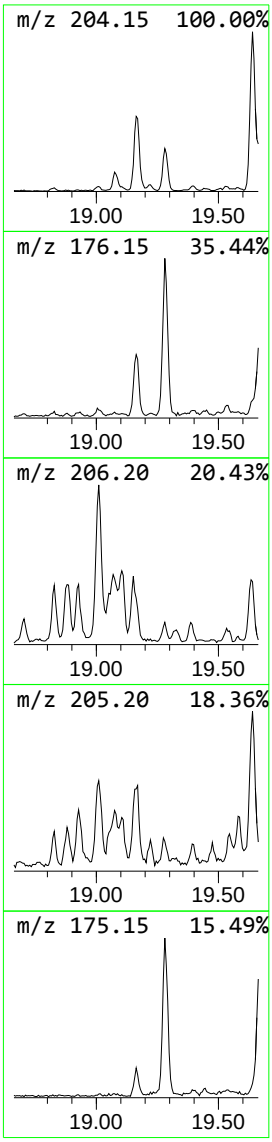
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	5.46 ng/ul	342869	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	47
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43T2

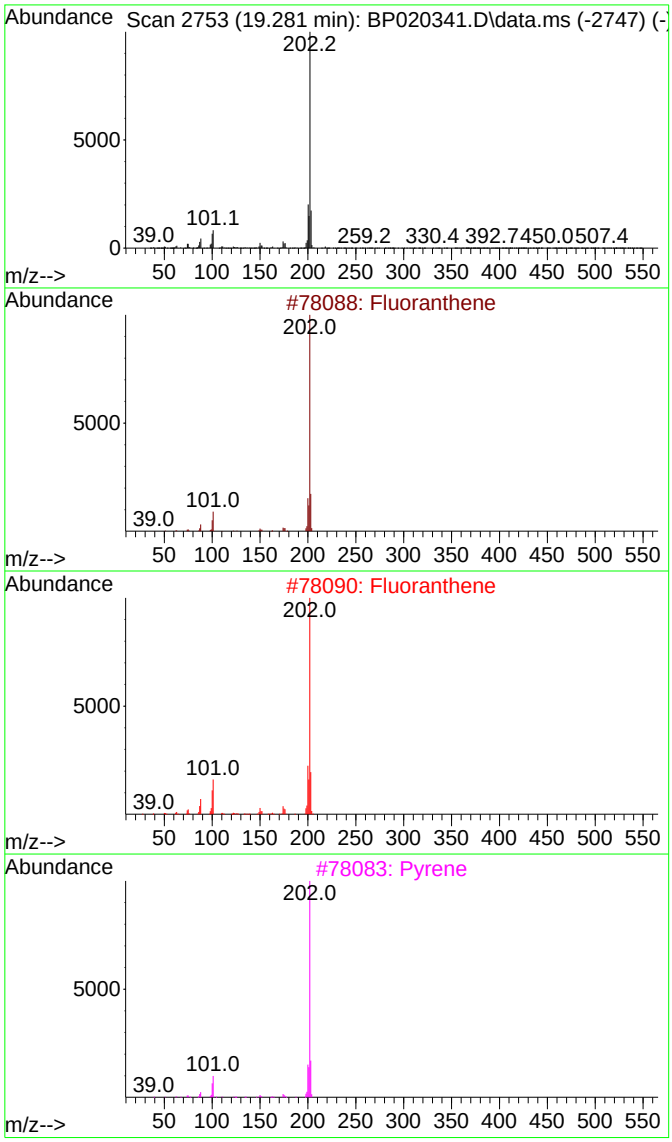
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

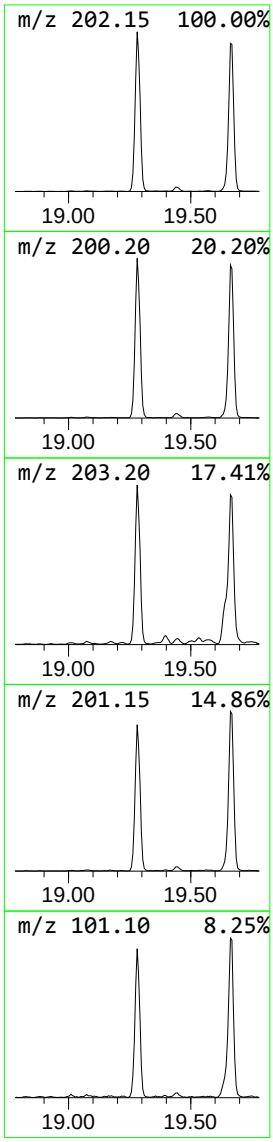
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.281	62.94 ng/ul	3954430	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	93
4	Pyrene	202	C16H10	000129-00-0	89
5	Fluoranthene	202	C16H10	000206-44-0	87





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Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

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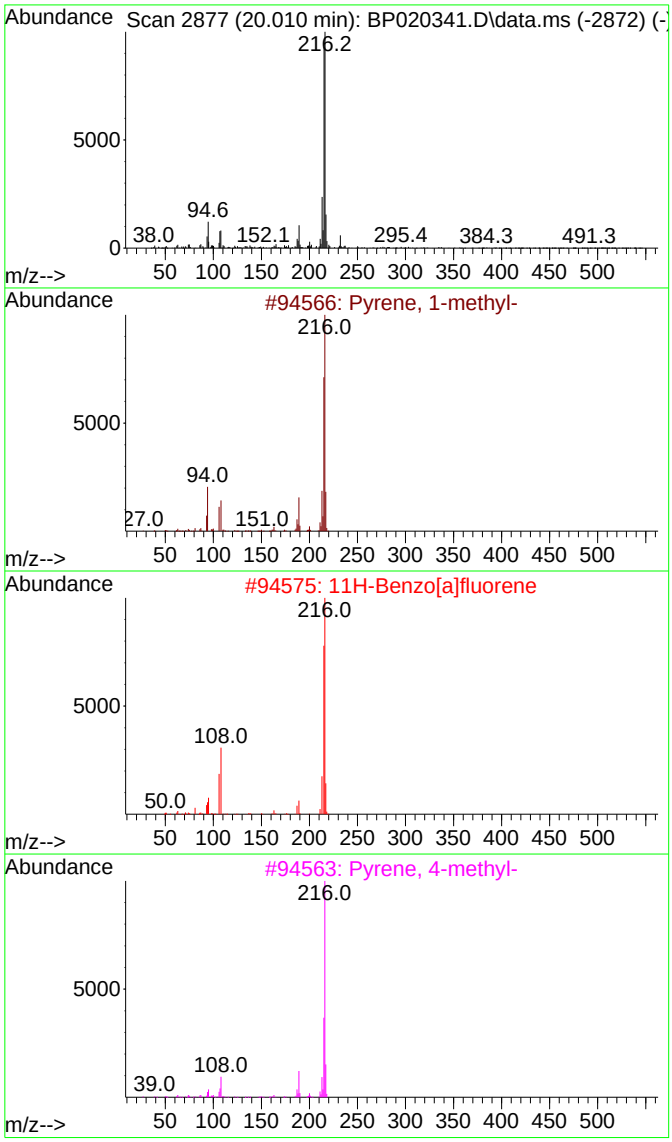
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

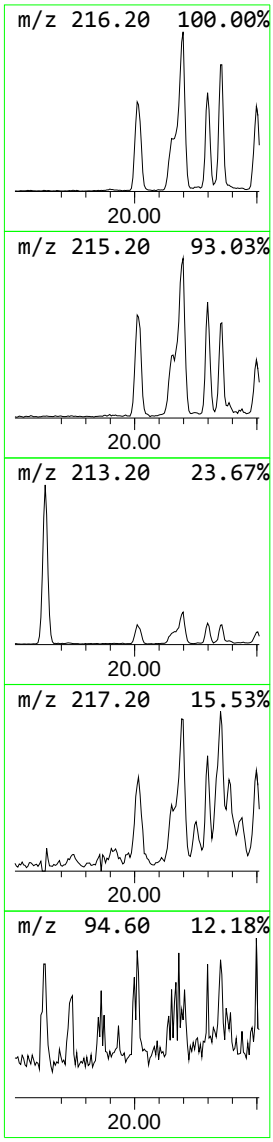
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.010	2.00 ng/ul	323174	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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

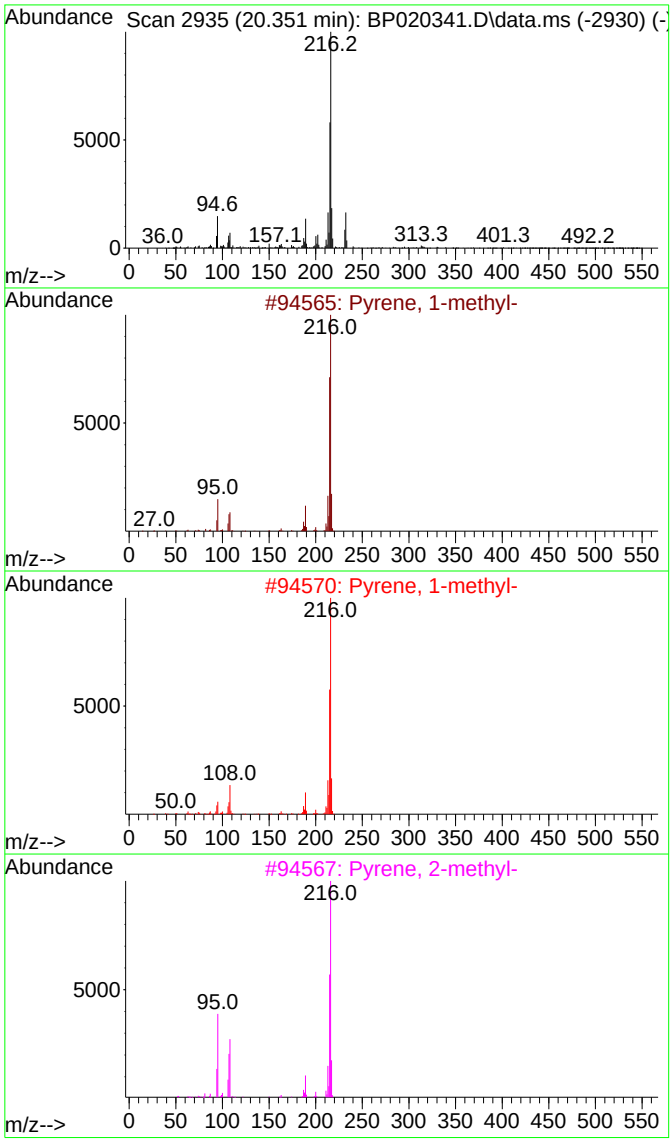
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

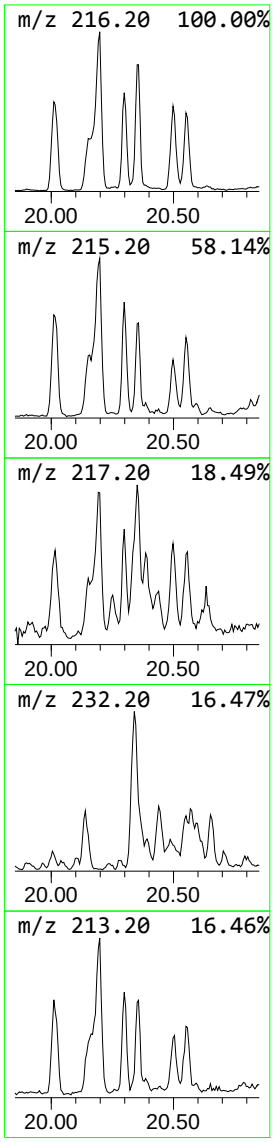
****

Peak Number 22 Pyrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	2.20 ng/ul	354896	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Misc :
ALS Vial : 62 Sample Multiplier: 1

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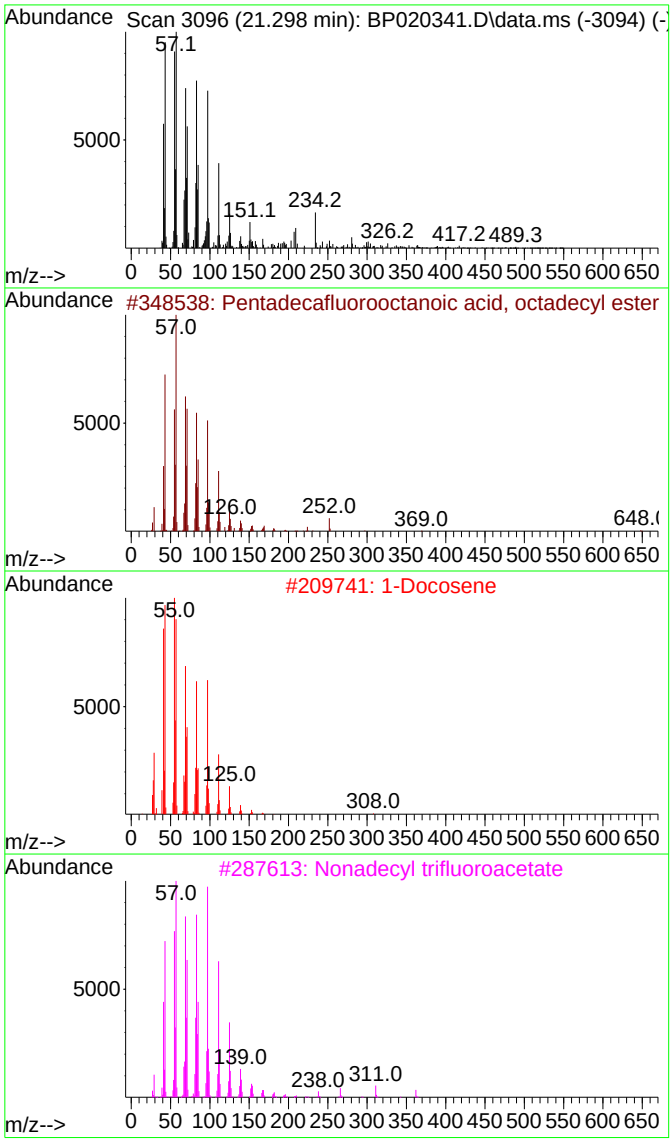
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

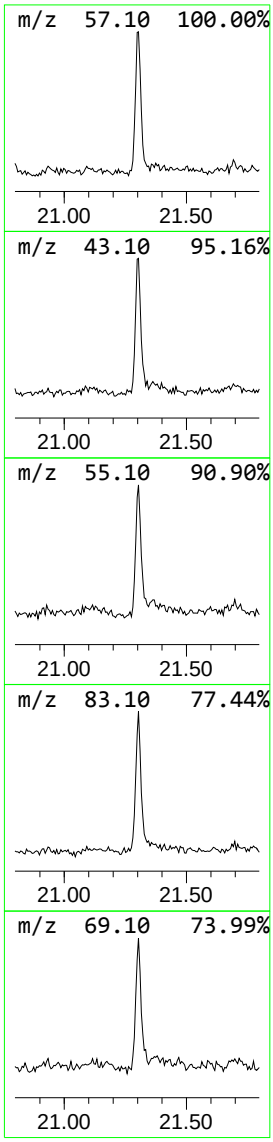
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Pentadecafluorooctanoic aci... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	2.69 ng/ul	433761	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Hexacosene	364	C26H52	018835-33-1	90





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Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

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ClientSampleId :
A43T2

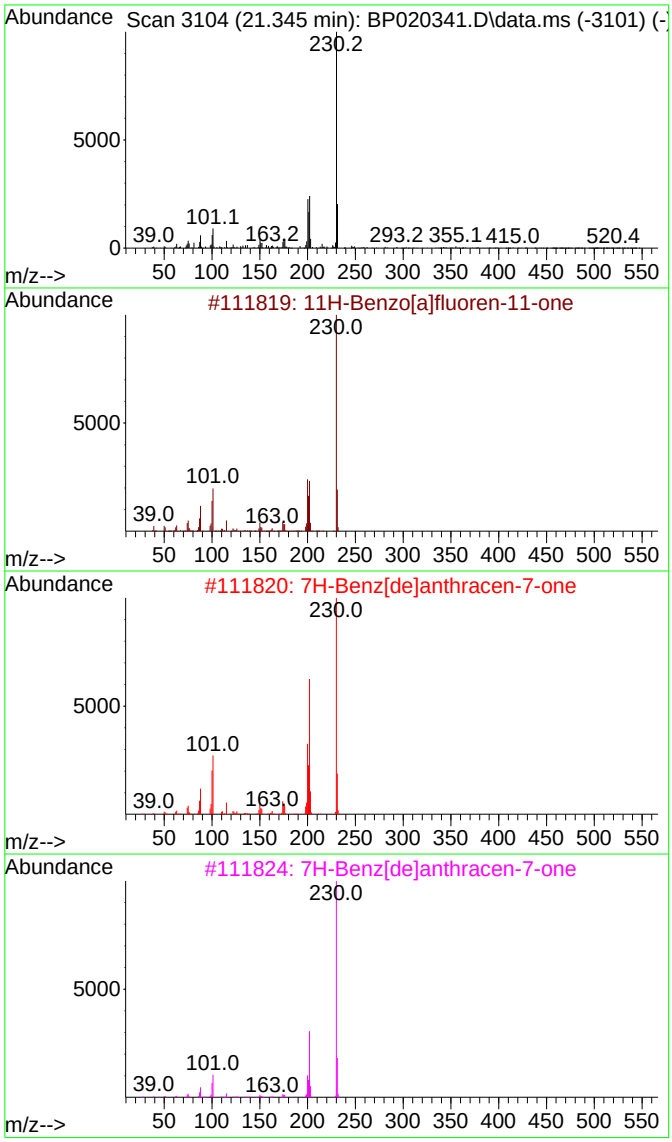
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

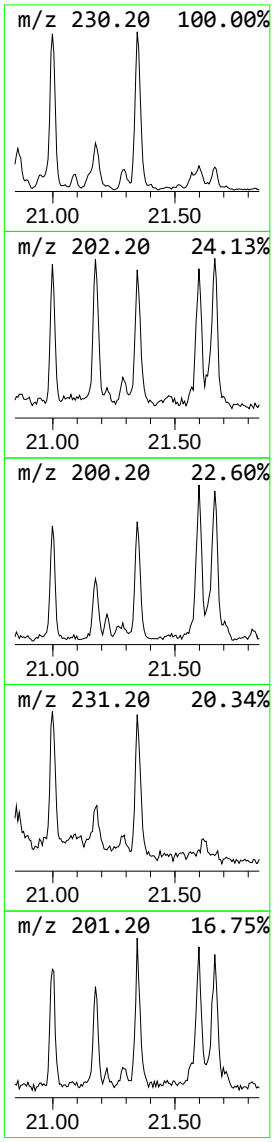
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	2.72 ng/ul	438139	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Misc :
ALS Vial : 62 Sample Multiplier: 1

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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

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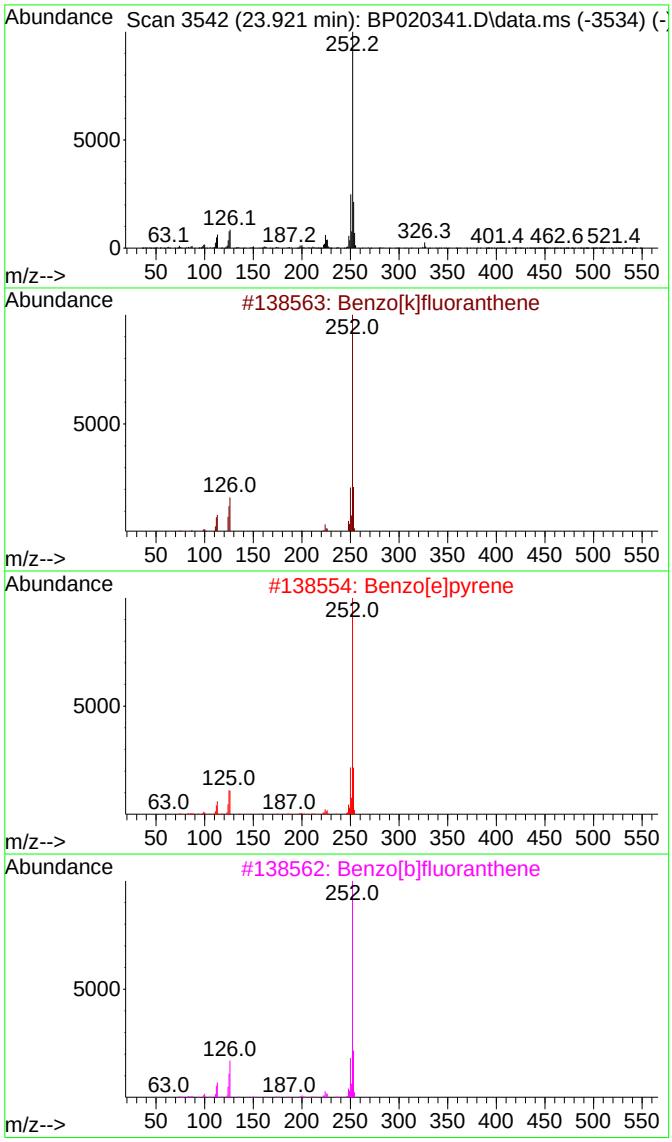
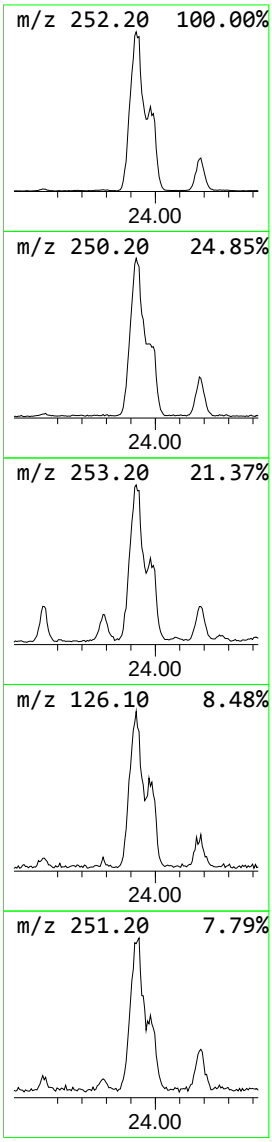
Peak Number 25 Benzo[k]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	30.66 ng/ul	1919470	Perylene-d12	24.980

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	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43T2

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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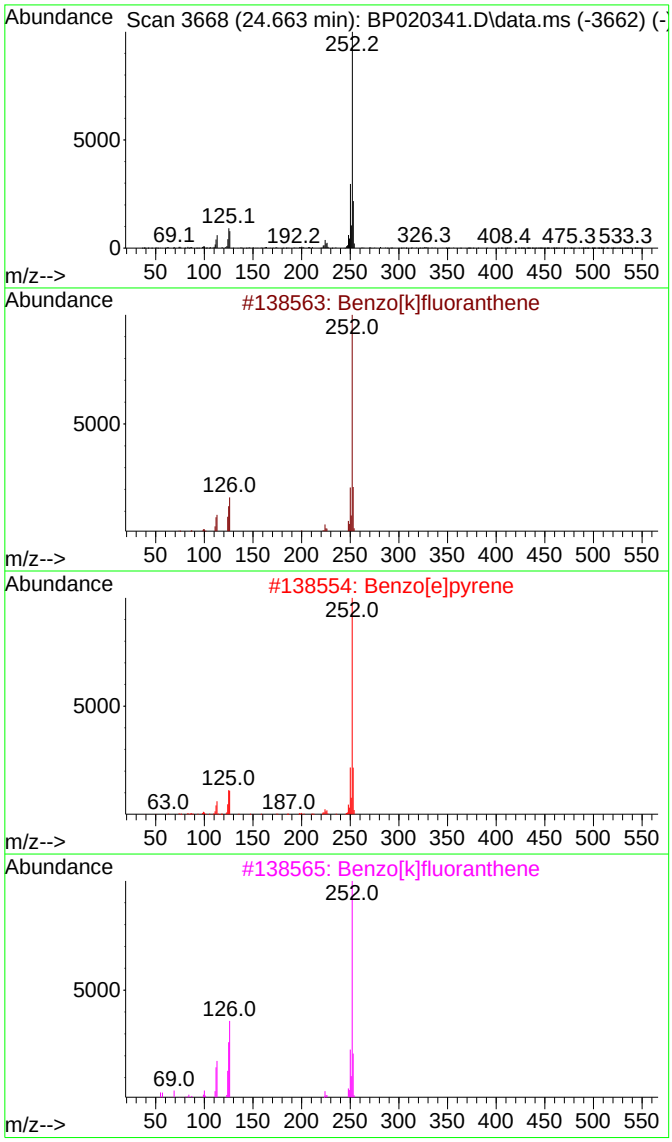
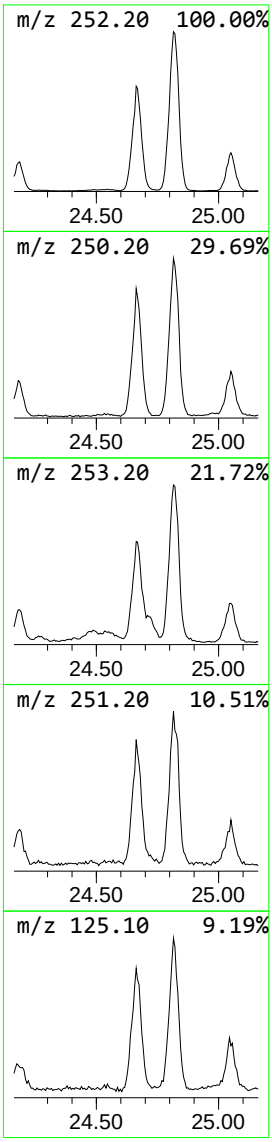
Peak Number 26 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	15.39 ng/ul	963577	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 12 May 2024 05:35
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Sample : P2371-20
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ALS Vial : 62 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

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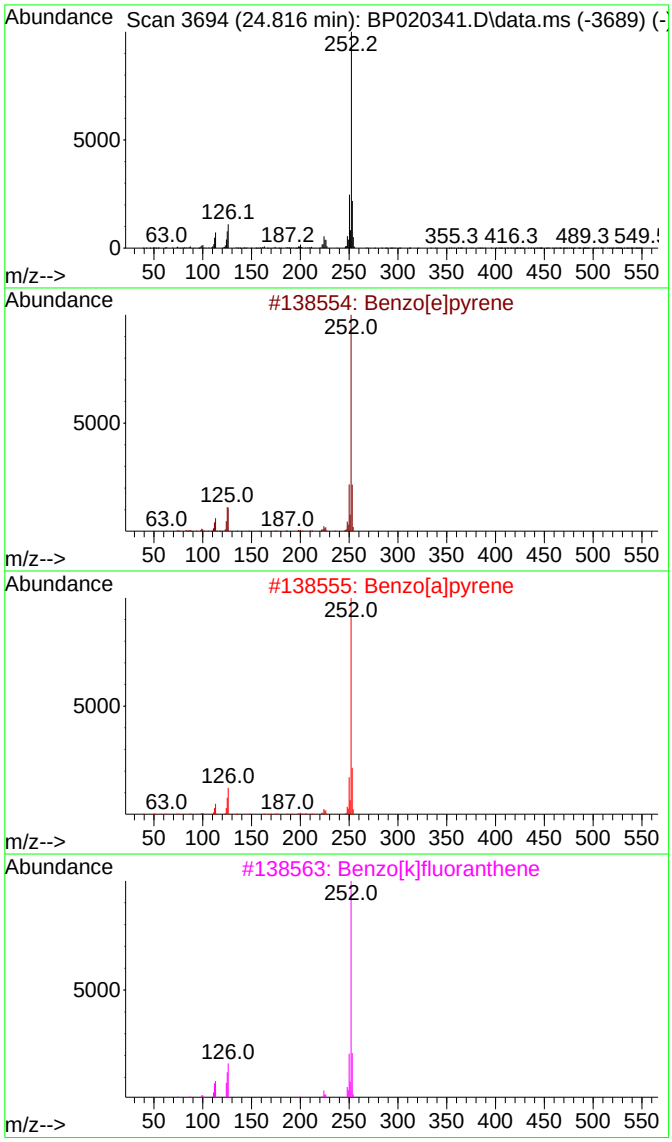
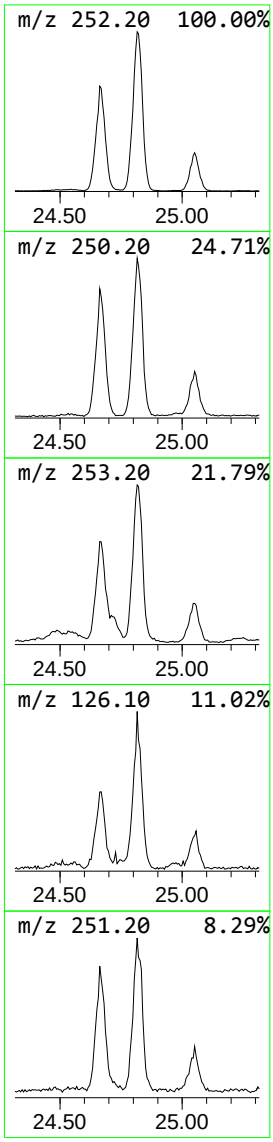
Peak Number 27 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.816	30.09 ng/ul	1883360	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020341.D
Acq On : 12 May 2024 05:35
Operator : MA/JU
Sample : P2371-20
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T2

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	8.446	6.3	ng/ul	156394	1	7.611	494396	20.0
Azulene	10.434	2.2	ng/ul	76481	2	10.381	691622	20.0
Acena phthene	14.357	4.7	ng/ul	227062	3	14.293	958506	20.0
Dibenzo furan	14.704	3.1	ng/ul	148261	3	14.293	958506	20.0
Fluor ene	15.375	4.6	ng/ul	218432	3	14.293	958506	20.0
9H-Fluoren-9-one	16.787	2.1	ng/ul	130765	4	17.128	1256660	20.0
Phenanthrene, 1...	16.875	2.0	ng/ul	126657	4	17.128	1256660	20.0
Naphtho[2,1-b]t...	16.951	2.8	ng/ul	173432	4	17.128	1256660	20.0
5H-Indeno[1,2-b...	17.563	5.6	ng/ul	351147	4	17.128	1256660	20.0
Phenanthrene, 1...	18.051	5.4	ng/ul	341967	4	17.128	1256660	20.0
Phenanthrene, 2...	18.098	12.4	ng/ul	780592	4	17.128	1256660	20.0
Anthracene, 1-m...	18.181	2.1	ng/ul	132651	4	17.128	1256660	20.0
4H-Cyclopenta[d...	18.251	8.5	ng/ul	531501	4	17.128	1256660	20.0
1H-Indene, 2-ph...	18.286	3.7	ng/ul	231256	4	17.128	1256660	20.0
Naphthalene, 2-...	18.575	4.2	ng/ul	261042	4	17.128	1256660	20.0
9,10-Anthracene...	18.634	4.5	ng/ul	279362	4	17.128	1256660	20.0
Phenanthrene, 2...	19.010	2.7	ng/ul	172024	4	17.128	1256660	20.0
unknown-01	19.075	3.0	ng/ul	185275	4	17.128	1256660	20.0
Cyclopenta(def)...	19.163	5.5	ng/ul	342869	4	17.128	1256660	20.0
Fluoran thene	19.281	62.9	ng/ul	3954430	4	17.128	1256660	20.0
Pyrene, 1-methyl-	20.010	2.0	ng/ul	323174	5	21.616	3226160	20.0
Pyrene, 2-methyl-	20.351	2.2	ng/ul	354896	5	21.616	3226160	20.0
Pentadecafluoro...	21.298	2.7	ng/ul	433761	5	21.616	3226160	20.0
11H-Benzo[a]flu...	21.345	2.7	ng/ul	438139	5	21.616	3226160	20.0
Benzo[k]fluoran...	23.921	30.7	ng/ul	1919470	6	24.980	1252020	20.0
Benzo[e]pyrene	24.663	15.4	ng/ul	963577	6	24.980	1252020	20.0
Benzo[a]pyrene	24.816	30.1	ng/ul	1883360	6	24.980	1252020	20.0