LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43M2

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: BP020221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	88	91	103	rBV	129174	222100	1.18%	0.134%
2	6.811	623	633	647	rBV	323934	681826	3.61%	0.410%
3	6.975	655	661	671	rBV	269270	436108	2.31%	0.262%
4	7.158	685	692	700	rBV	367283	634274	3.36%	0.382%
5	7.622	765	771	783	rVB	388939	659476	3.49%	0.397%
6	8.328	884	891	902	rVV	381848	728778	3.86%	0.439%
7	8.452	906	912	923	rVB	124075	239716	1.27%	0.144%
8	8.781	961	968	982	rBV	357680	693479	3.67%	0.417%
9	9.499	1082	1090	1105	rBV	296427	572667	3.03%	0.345%
10	10.028	1174	1180	1200	rBV	398410	843810	4.47%	0.508%
11	10.193	1200	1208	1226	rBV	172367	451546	2.39%	0.272%
12	10.393	1232	1242	1247	rBV	573365	910634	4.82%	0.548%
13	10.440	1247	1250	1259	rVB	110254	184042	0.97%	0.111%
14	10.557	1263	1270	1292	rBV2	209589	494512	2.62%	0.298%
15	13.704	1799	1805	1818	rVB	757347	1109853	5.87%	0.668%
16	13.975	1842	1851	1863	rBV2	792077	1494564	7.91%	0.899%
17	14.287	1897	1904	1912	rBV	656792	1109964	5.87%	0.668%
18	14.557	1937	1950	1961	rBV3	141572	472862	2.50%	0.285%
19	14.704	1970	1975	1980	rBV2	73607	125010	0.66%	0.075%
20	15.304	2071	2077	2084	rBV	936729	1506500	7.97%	0.907%
21	15.469	2099	2105	2115	rBV	236930	418511	2.22%	0.252%
22	15.734	2145	2150	2155	rBV	104832	141537	0.75%	0.085%
23	15.822	2160	2165	2174	rVV2	86057	190428	1.01%	0.115%
24	16.645	2299	2305	2308	rBV2	87187	140208	0.74%	0.084%
25	16.769	2320	2326	2334	rBV2	626801	1047212	5.54%	0.630%
26	16.933	2349	2354	2366	rVB	227424	384401	2.03%	0.231%
27	17.122	2378	2386	2389	rBV	689212	1116000	5.91%	0.672%
28	17.169	2389	2394	2399	rVB	6177360	9413506	49.82%	5.665%
29	17.228	2399	2404	2408	rBV	880765	1426540	7.55%	0.858%
30	17.333	2416	2422	2432	rVB3	134324	259617	1.37%	0.156%
31	17.528	2449	2455	2456	rBV	211046	303696	1.61%	0.183%
32	17.557	2456	2460	2474	rVV	680481	1287307	6.81%	0.775%
33	17.669	2474	2479	2487	rVV2	186095	349955	1.85%	0.211%
34	17.745	2487	2492	2499	rVB6	149871	352389	1.87%	0.212%
35	18.039	2536	2542	2546	rBV	727072	1044076	5.53%	0.628%
36	18.086	2546	2550	2556	rVB	1412587	2033791	10.76%	1.224%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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	18.145	2556	2560	2563	rBV2	74907	116262	0.62%	0.070%
38	18.239	2569	2576	2580	rBV3	436645	891907	4.72%	0.537%
39	18.280	2580	2583	2593	rVB	454410	784309	4.15%	0.472%
40	18.369	2593	2598	2603	rBV5	141028	335901	1.78%	0.202%
41	18.416	2603	2606	2609	rVV2	141360	201473	1.07%	0.121%
42	18.451	2609	2612	2618	rVB7	70429	129831	0.69%	0.078%
43	18.569	2627	2632	2637	rVV	619739	948569	5.02%	0.571%
44	18.628	2637	2642	2648	rVB	1839737	2460574	13.02%	1.481%
45	18.822	2671	2675	2681	rVV4	119765	211922	1.12%	0.128%
46	18.880	2681	2685	2689	rVB	177724	223288	1.18%	0.134%
47	18.928	2689	2693	2697	rVB2	159853	216435	1.15%	0.130%
48	19.004	2701	2706	2710	rBV	337690	548408	2.90%	0.330%
49	19.051	2710	2714	2719	rVV4	243129	463545	2.45%	0.279%
50	19.104	2719	2723	2726	rVV	164719	232978	1.23%	0.140%
51	19.157	2726	2732	2742	rVV	1002872	1727712	9.14%	1.040%
52	19.298	2747	2756	2761	rVB	12878459	18893327	100.00%	11.370%
53	19.357	2762	2766	2769	rBV2	156919	231537	1.23%	0.139%
54	19.392	2769	2772	2775	rVB3	236042	269261	1.43%	0.162%
55	19.433	2775	2779	2785	rVB	395310	585741	3.10%	0.352%
56	19.516	2786	2793	2802	rBV3	511481	1322040	7.00%	0.796%
57	19.639	2808	2814	2815	rBV2	2242072	3044979	16.12%	1.832%
58	19.675	2815	2820	2827	rVV	11457638	16105825	85.25%	9.692%
59	19.739	2827	2831	2839	rVB2	533224	867380	4.59%	0.522%
60	19.857	2846	2851	2857	rBV	642285	926812	4.91%	0.558%
61	19.927	2857	2863	2869	rVB2	599698	991792	5.25%	0.597%
62	20.004	2870	2876	2877	rBV	569307	874308	4.63%	0.526%
63	20.069	2884	2887	2891	rBV	80739	146004	0.77%	0.088%
64	20.151	2896	2901	2912	rVB5	618733	1691032	8.95%	1.018%
65	20.245	2912	2917	2922	rBV5	122679	281082	1.49%	0.169%
66	20.298	2922	2926	2928	rBV3	106205	146230	0.77%	0.088%
67	20.351	2928	2935	2941	rVV2	941653	1683795	8.91%	1.013%
68	20.439	2946	2950	2954	rVV	197362	294960	1.56%	0.178%
69	20.498	2956	2960	2964	rVV	451002	640209	3.39%	0.385%
70	20.545	2964	2968	2980	rVB2	430452	1010865	5.35%	0.608%
71	20.639	2980	2984	2988	rBV4	120867	191088	1.01%	0.115%
72	20.769	3003	3006	3008	rBV2	162014	210028	1.11%	0.126%
73	20.833	3015	3017	3023	rVB3	194446	289116	1.53%	0.174%
74	20.892	3023	3027	3031	rBV3	147764	246264	1.30%	0.148%
75	20.992	3038	3044	3053	rVB	1592161	2480881	13.13%	1.493%
76	21.174	3069	3075	3079	rBV2	1033670	1762645	9.33%	1.061%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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

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Peak separation: 5

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

77	21.222	3079	3083	3087	rVB	803430	957906	5.07%	0.576%
78	21.263	3087	3090	3093	rBV	549345	804229	4.26%	0.484%
79	21.351	3100	3105	3110	rVB	1269237	2082312	11.02%	1.253%
80	21.604	3138	3148	3155	rBV2	2842227	8166884	43.23%	4.915%
81	21.674	3155	3160	3173	rVB	4556611	8854952	46.87%	5.329%
82	21.898	3193	3198	3204	rBV	972700	1745947	9.24%	1.051%
83	22.033	3218	3221	3223	rBV2	101958	140242	0.74%	0.084%
84	22.069	3224	3227	3232	rVB	435975	627309	3.32%	0.378%
85	22.121	3232	3236	3241	rBV2	261470	398735	2.11%	0.240%
86	22.310	3262	3268	3271	rBV	216379	433198	2.29%	0.261%
87	22.392	3277	3282	3288	rVB	528385	1031199	5.46%	0.621%
88	22.492	3290	3299	3306	rBV2	885581	2329988	12.33%	1.402%
89	22.668	3326	3329	3334	rVB2	236093	353216	1.87%	0.213%
90	23.380	3444	3450	3458	rVB3	297413	781170	4.13%	0.470%
91	23.545	3468	3478	3484	rVB2	274329	842488	4.46%	0.507%
92	23.733	3499	3510	3516	rBV5	200459	722239	3.82%	0.435%
93	23.939	3533	3545	3552	rBV	3576046	13008668	68.85%	7.829%
94	24.192	3582	3588	3596	rVB	477231	1003640	5.31%	0.604%
95	24.674	3658	3670	3677	rBV	1984301	5809313	30.75%	3.496%
96	24.845	3689	3699	3709	rVB2	2776657	8320464	44.04%	5.007%
97	24.980	3716	3722	3728	rBV	428104	977932	5.18%	0.589%
98	25.057	3730	3735	3742	rVB	474699	1081672	5.73%	0.651%
99	28.815	4363	4374	4375	rBV	1271565	2944701	15.59%	1.772%
100	30.003	4564	4576	4592	rVB2	1015728	4588665	24.29%	2.761%

Sum of corrected areas: 166168279

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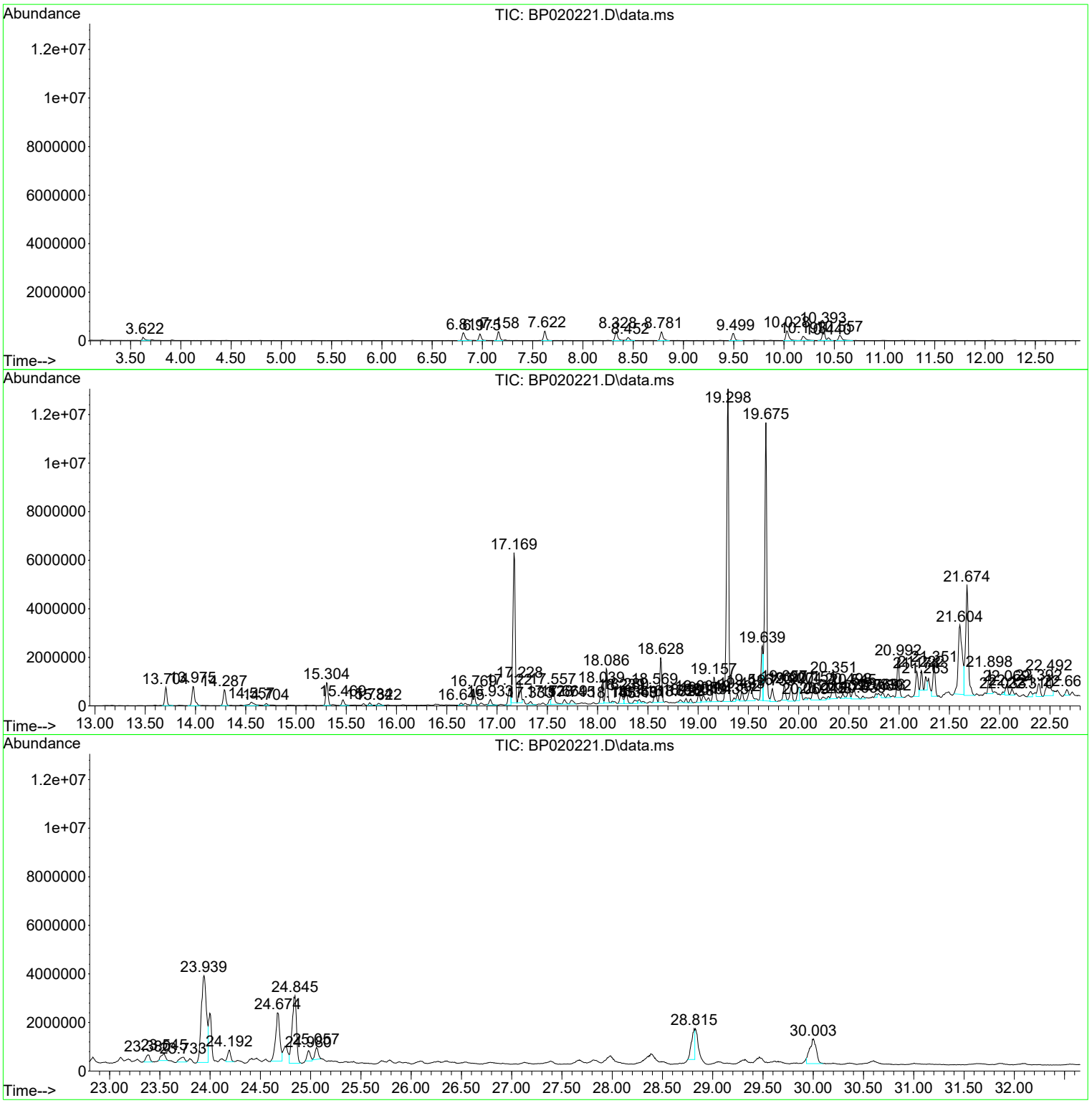
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
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Instrument :
BNA_P
ClientSampleId :
A43M2

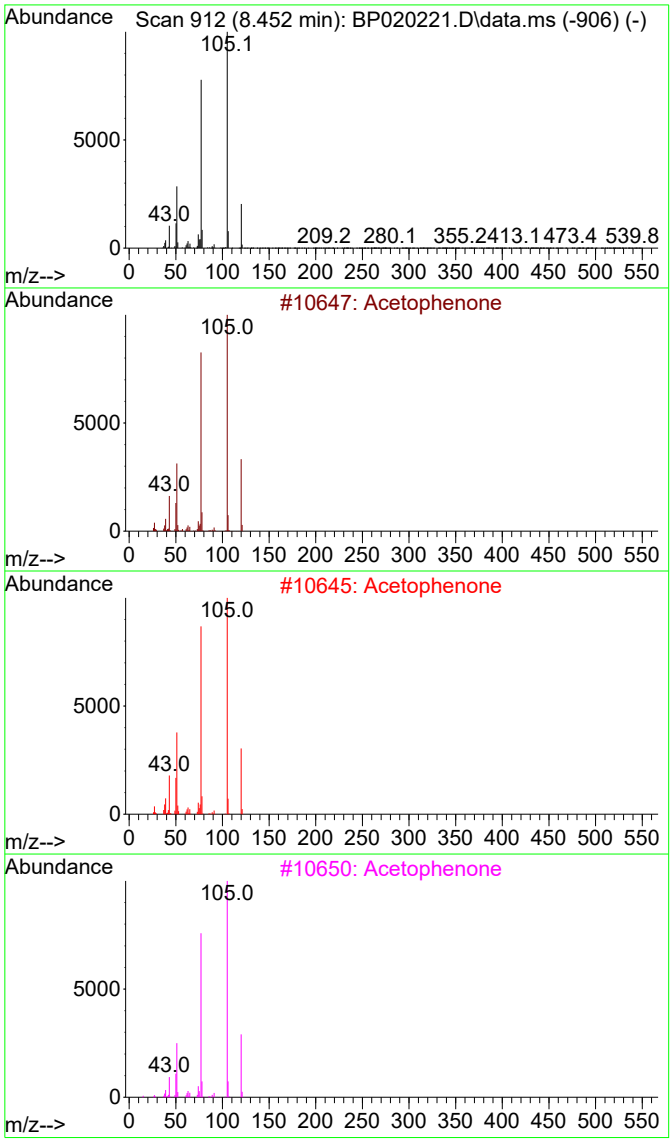
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

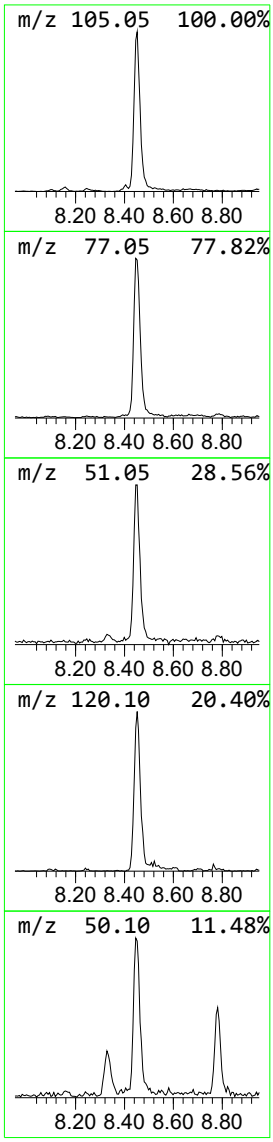
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.452	7.27 ng/ul	239716	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

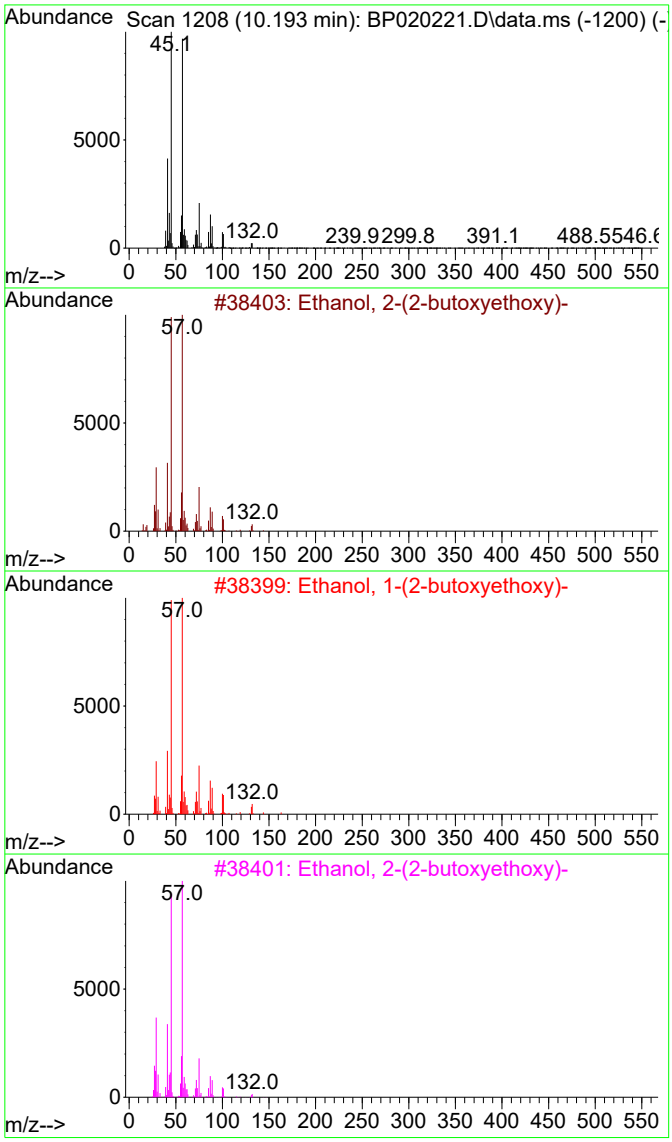
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

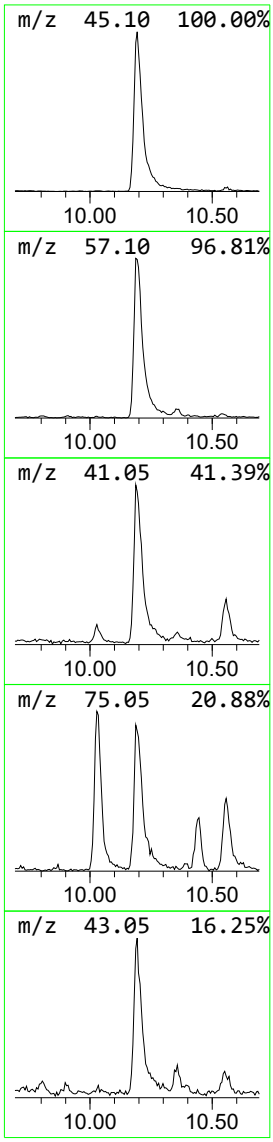
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.193	9.92 ng/ul	451546	Naphthalene-d8	10.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
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Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

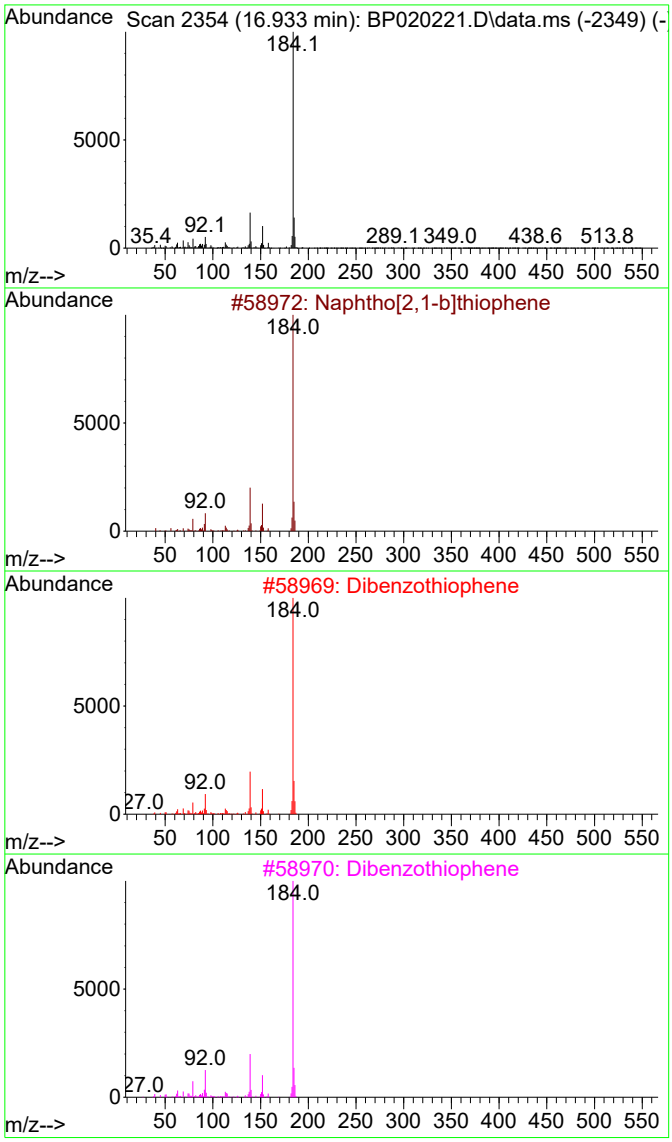
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

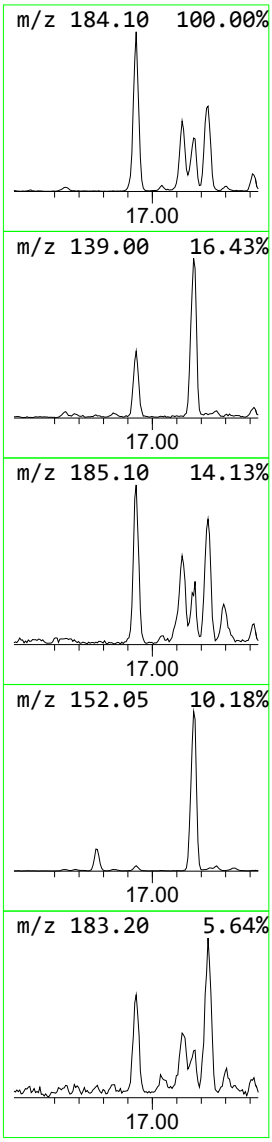
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	6.89 ng/ul	384401	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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

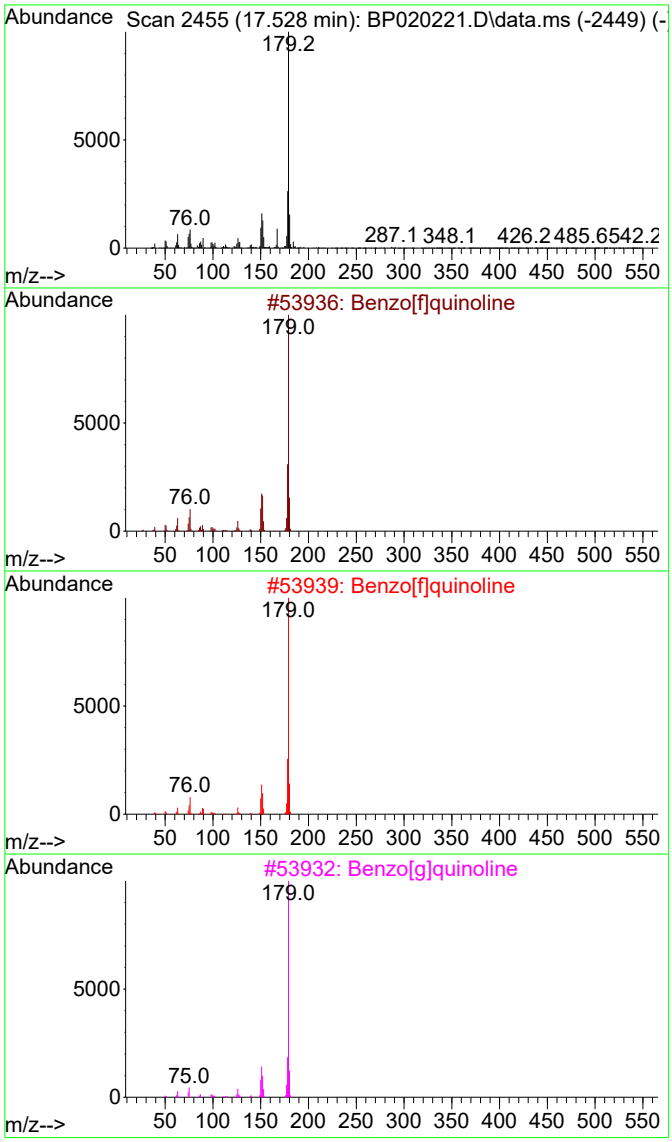
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

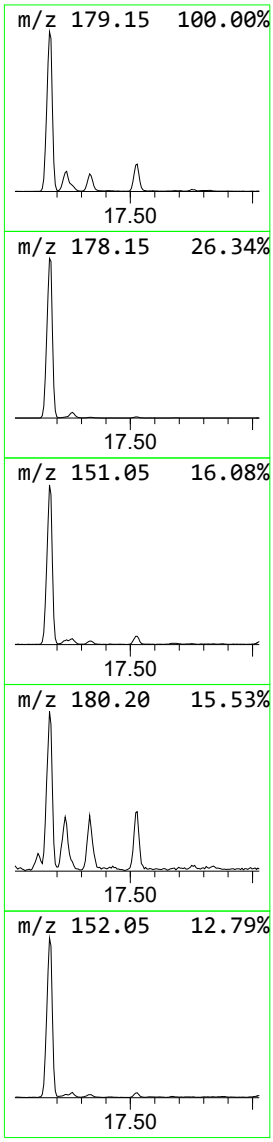
****

Peak Number 9 Benzo[f]quinoline Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.528	5.44 ng/ul	303696	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]quinoline	179	C13H9N	000085-02-9	97
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	95
3	Benzo[g]quinoline	179	C13H9N	000260-36-6	95
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	95
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

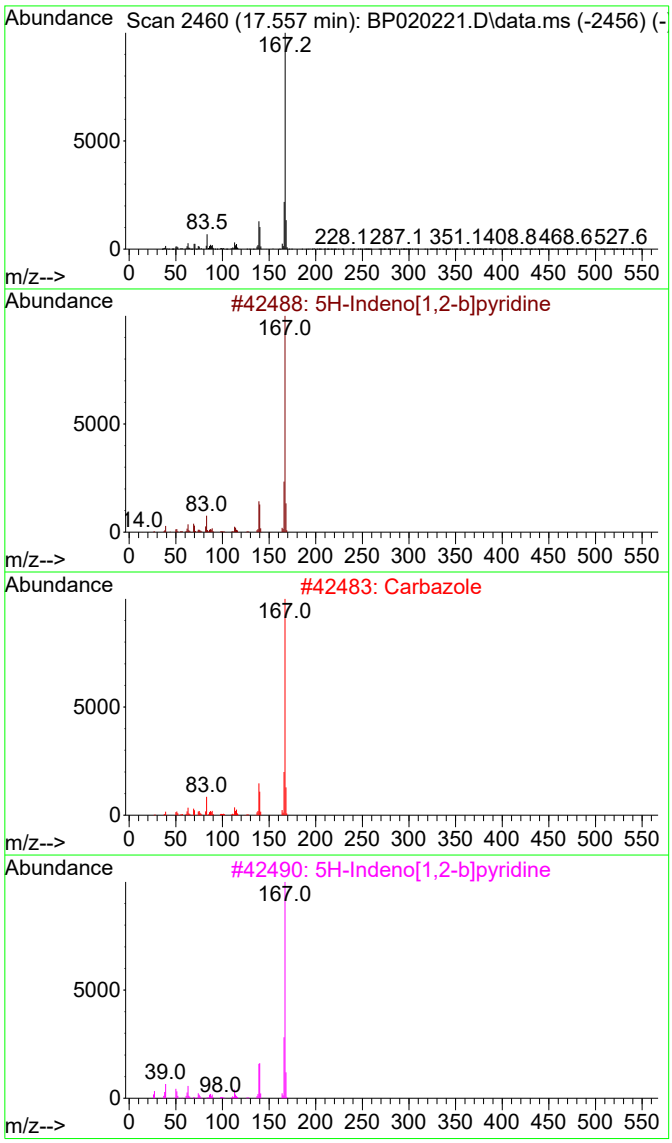
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

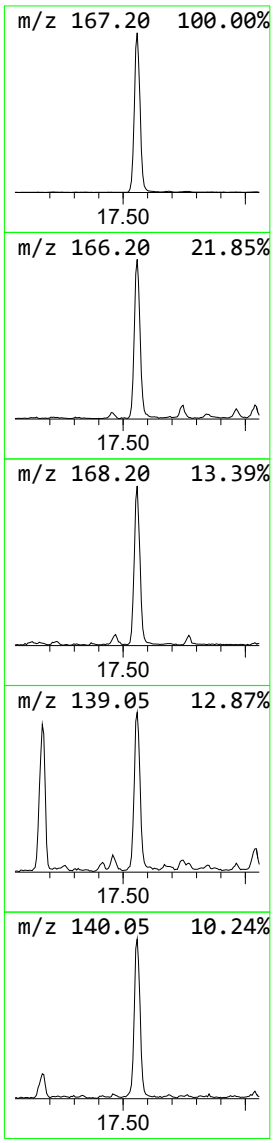
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	23.07 ng/ul	1287310	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	Carbazole	167	C12H9N	000086-74-8	87





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Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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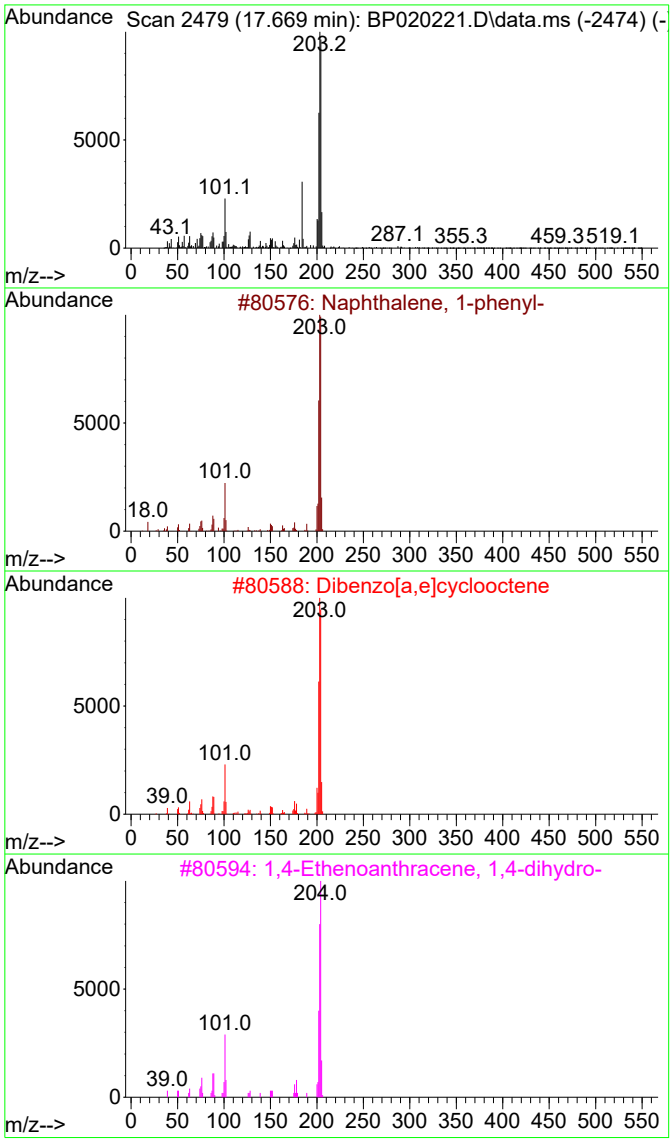
Quant Title : SVOA CALIBRATION

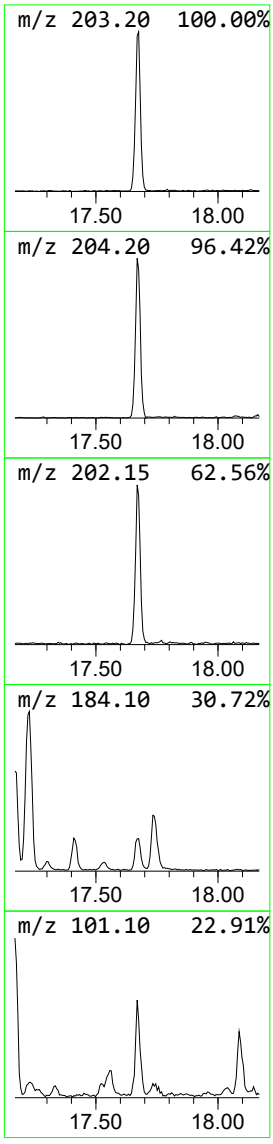
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.669	6.27 ng/ul	349955	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	70





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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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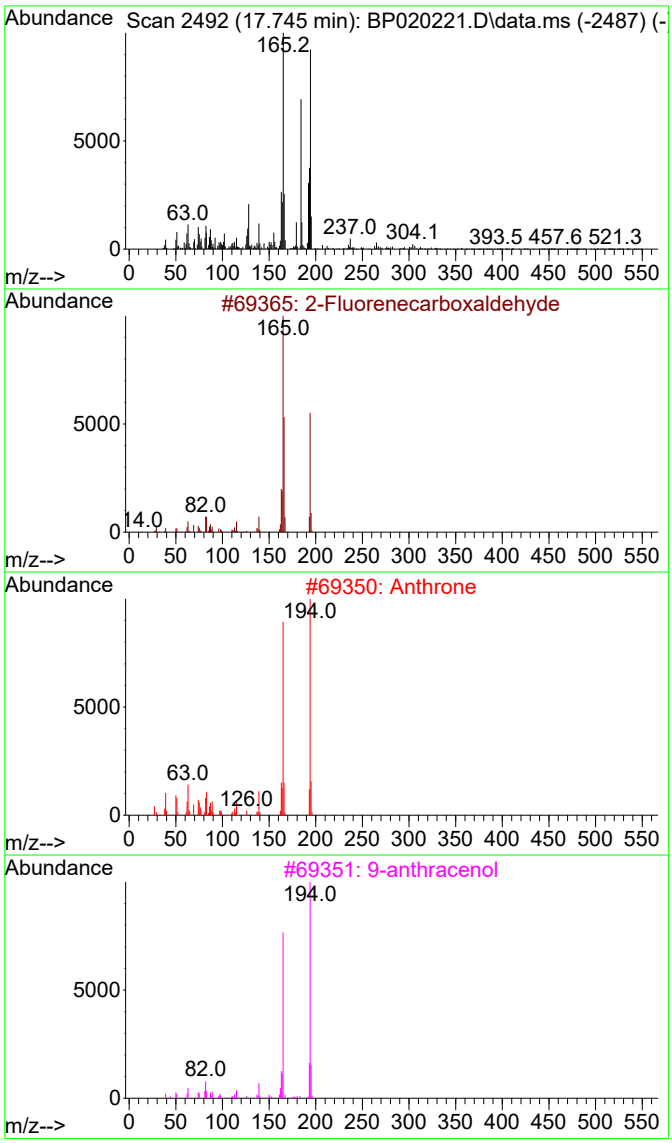
Quant Title : SVOA CALIBRATION

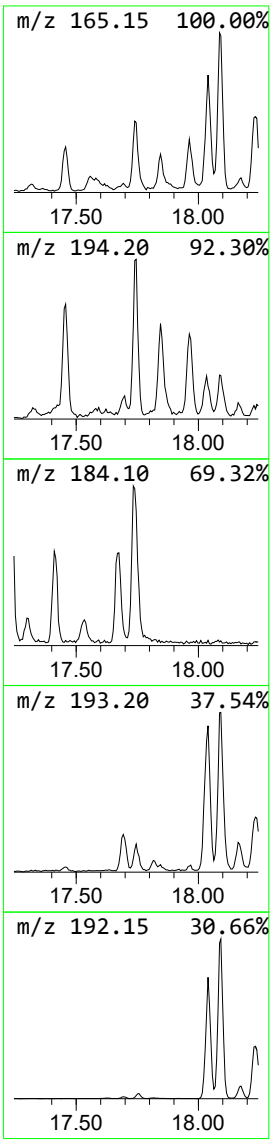
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Fluorenecarboxaldehyde Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	6.32 ng/ul	352389	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	64
2	Anthrone	194	C14H10O	000090-44-8	53
3	9-anthracenol	194	C14H10O	1000400-30-3	53
4	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	52
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	50





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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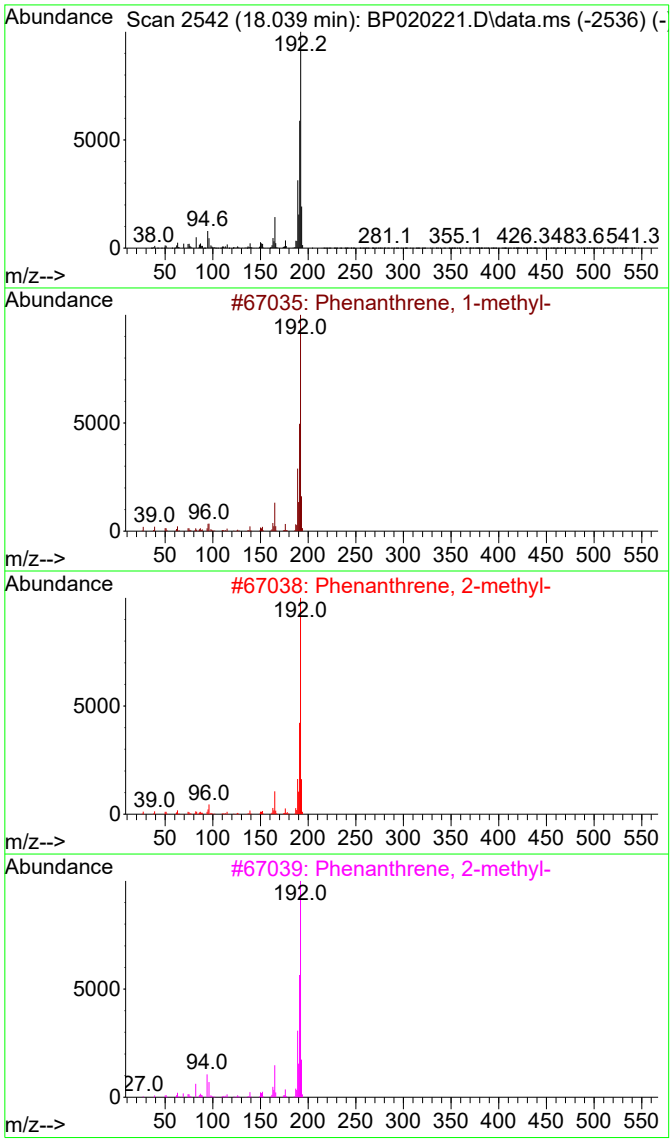
Quant Title : SVOA CALIBRATION

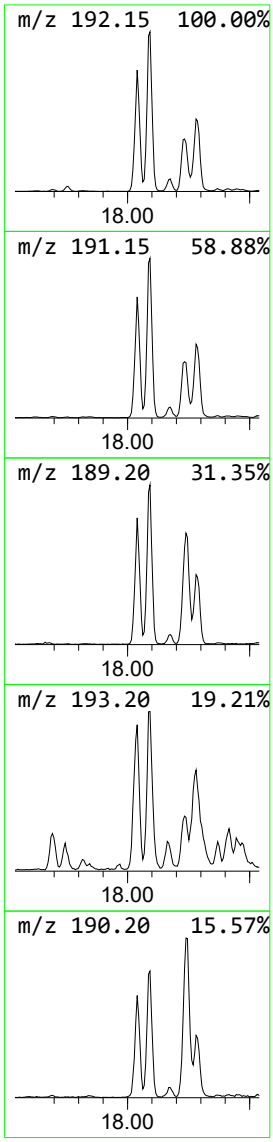
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	18.71 ng/ul	1044080	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 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

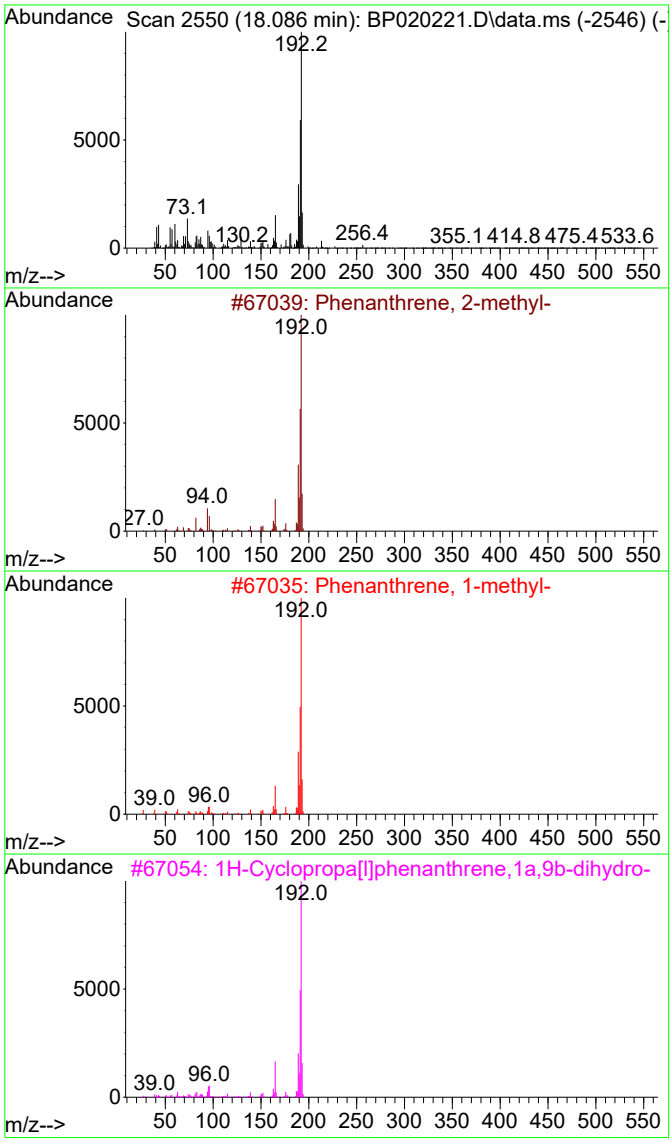
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

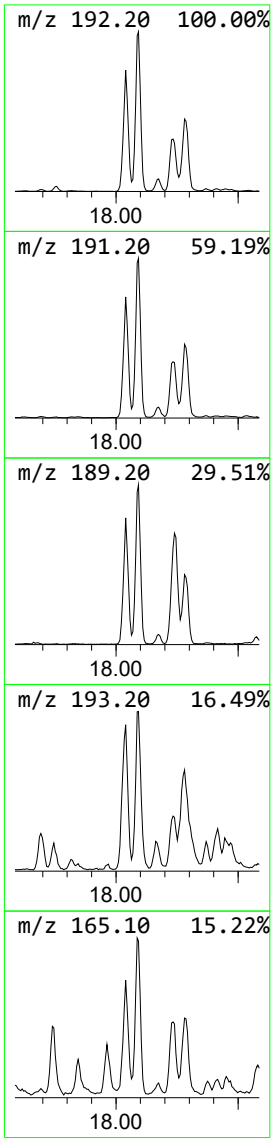
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	36.45 ng/ul	2033790	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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ClientSampleId :
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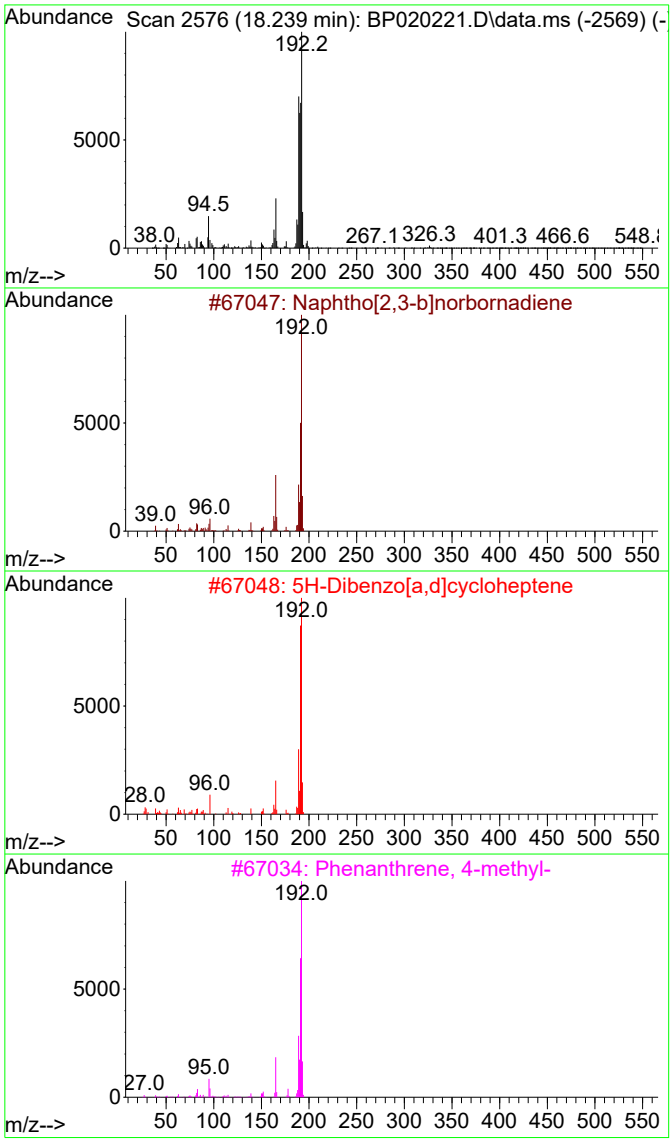
Quant Title : SVOA CALIBRATION

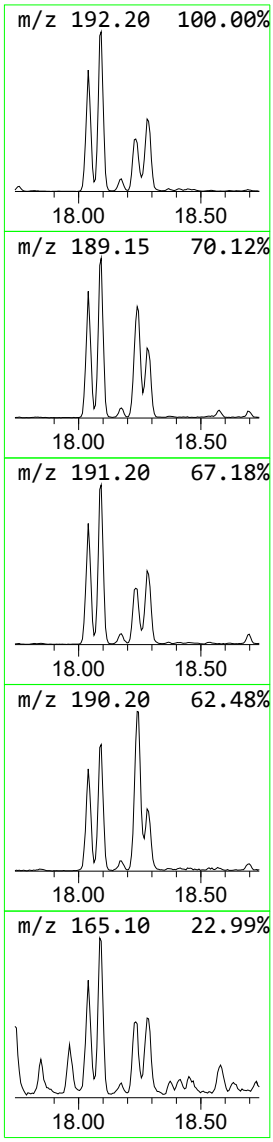
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphtho[2,3-b]norbornadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	15.98 ng/ul	891907	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55





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Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

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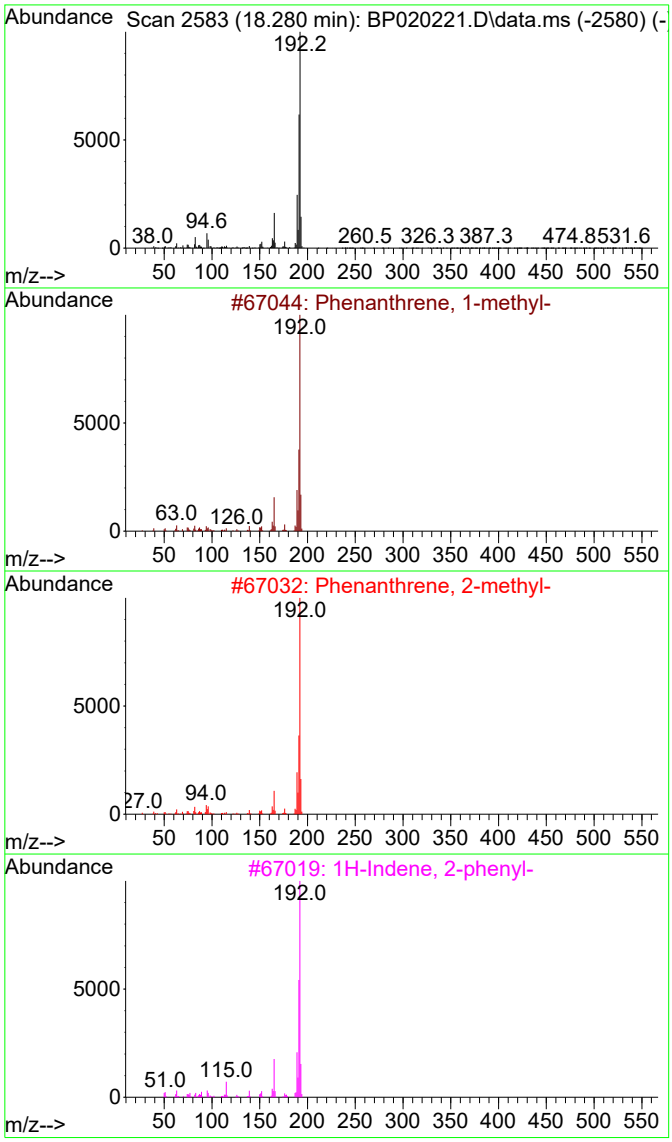
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

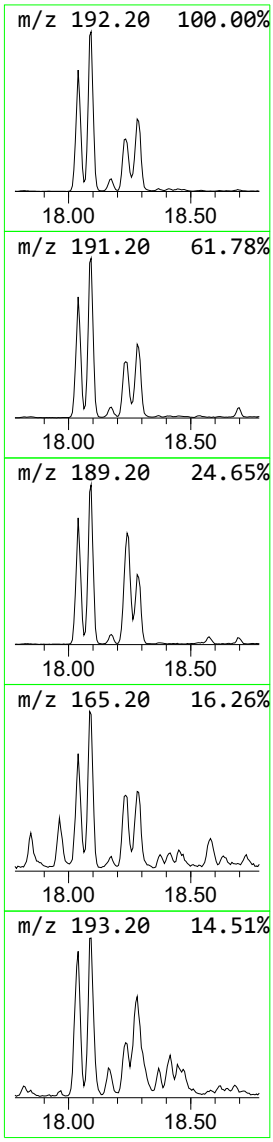
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	14.06 ng/ul	784309	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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

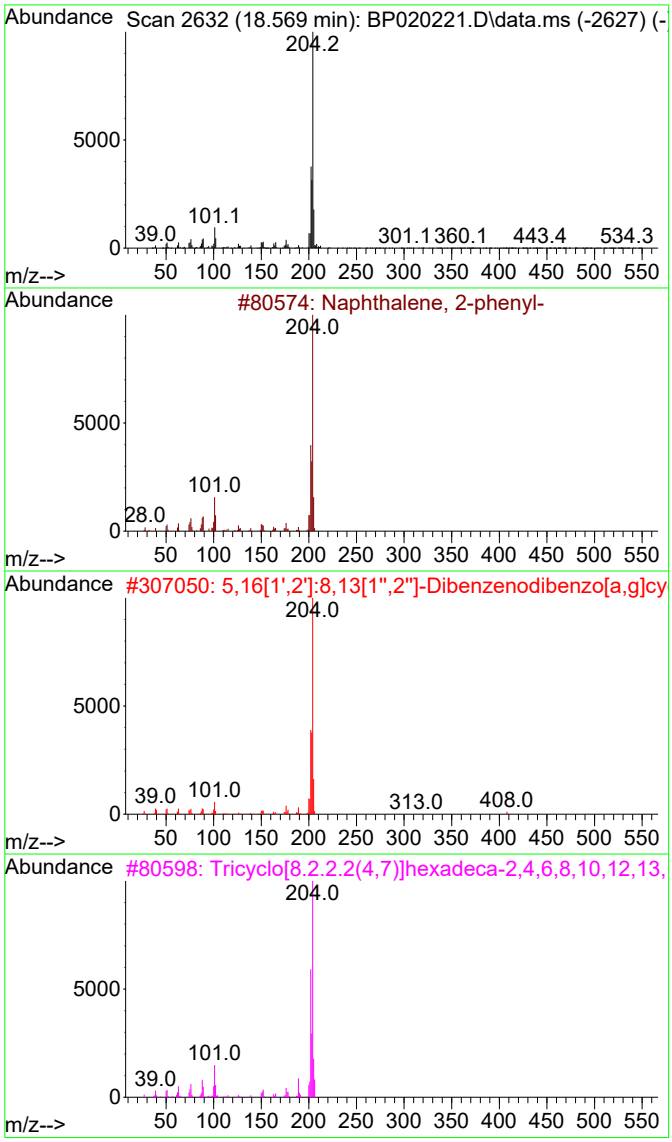
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

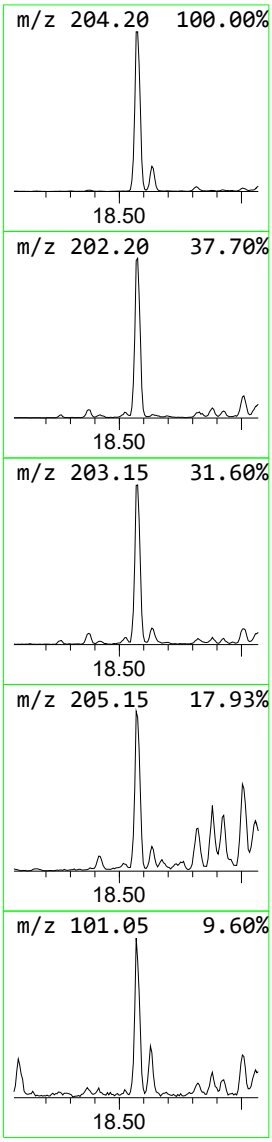
****

Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	17.00 ng/ul	948569	Phenanthrene-d10	17.122

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	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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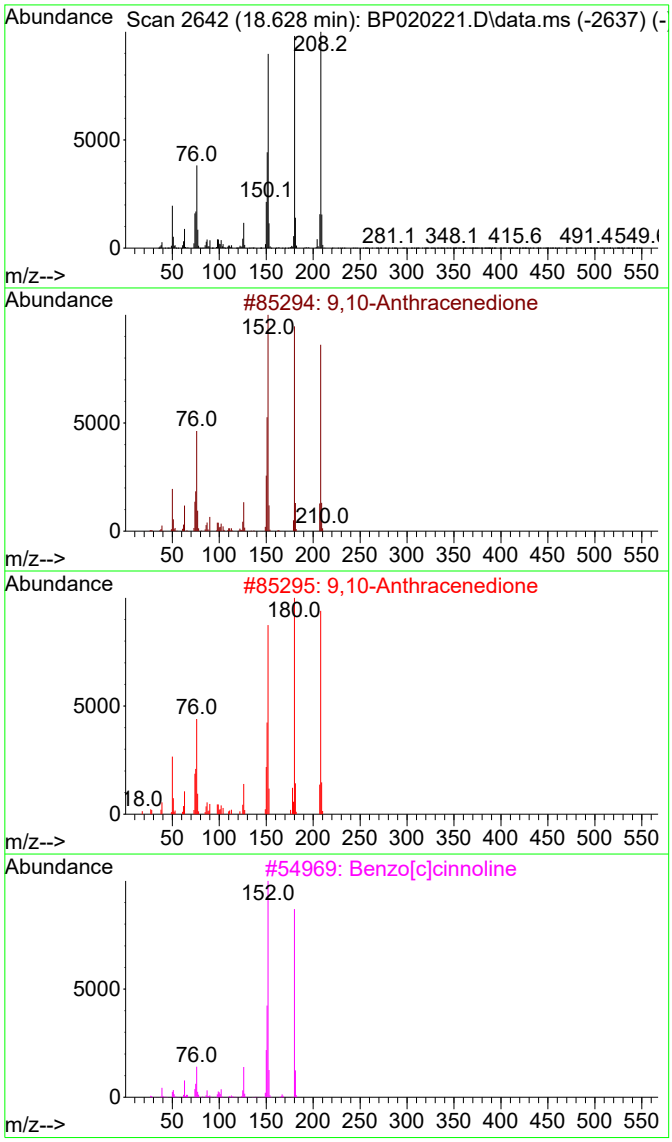
Quant Title : SVOA CALIBRATION

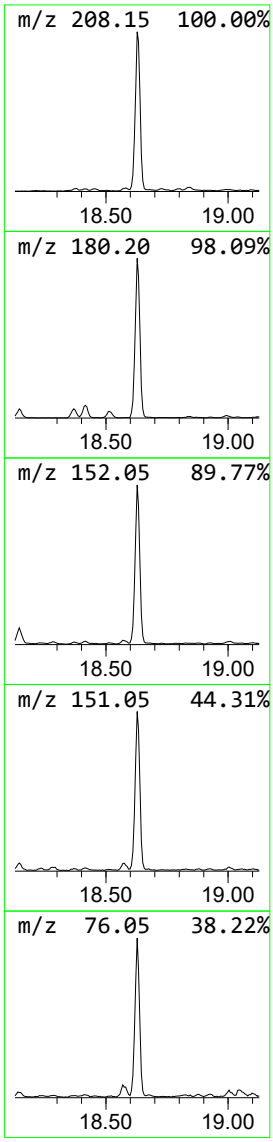
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	44.10 ng/ul	2460570	Phenanthrene-d10	17.122

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	99
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95





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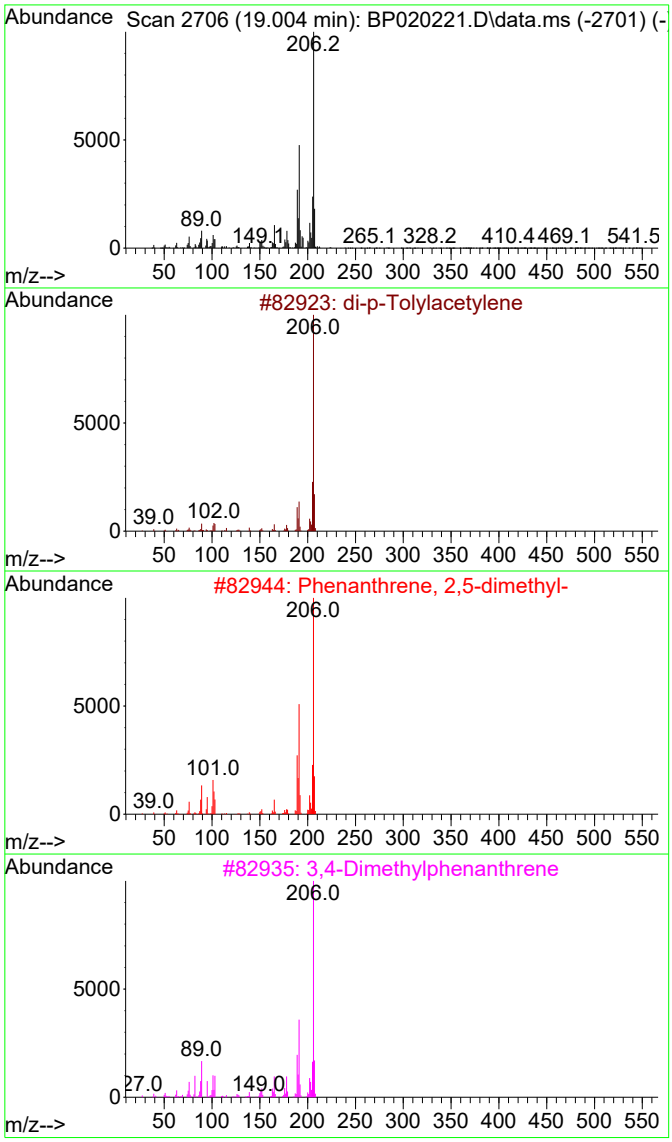
Quant Title : SVOA CALIBRATION

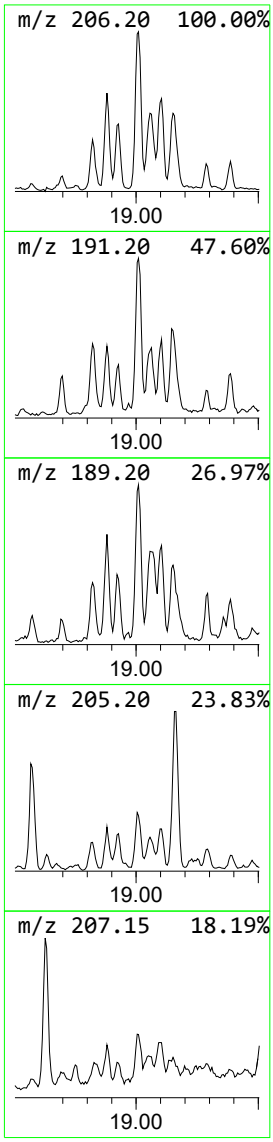
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 di-p-Tolylacetylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	9.83 ng/ul	548408	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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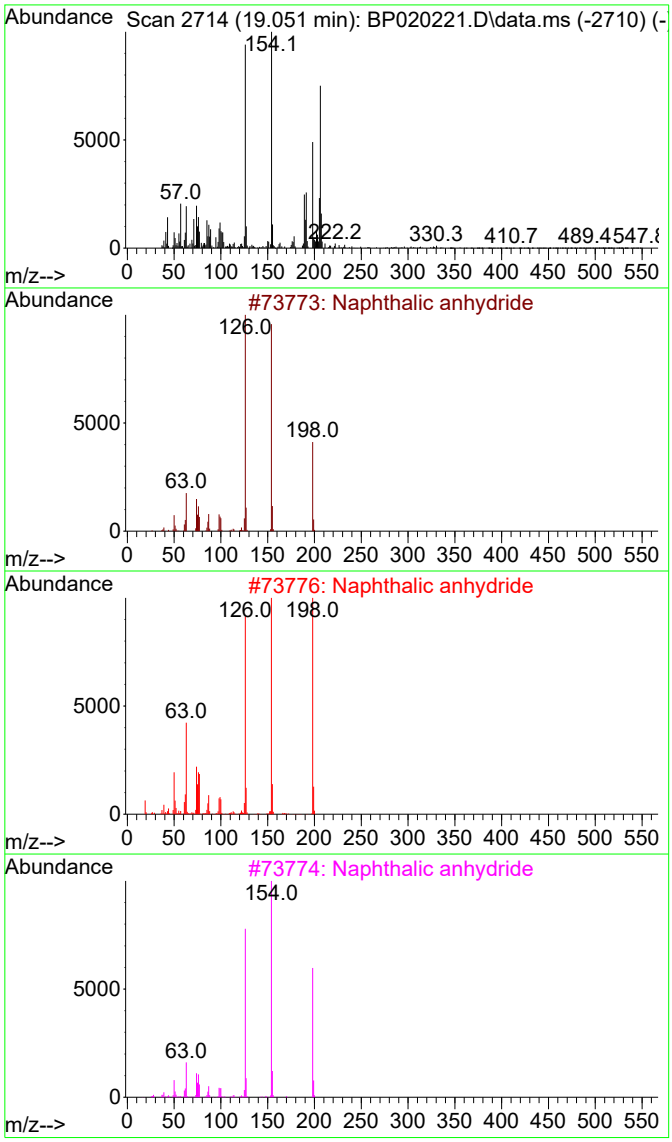
Quant Title : SVOA CALIBRATION

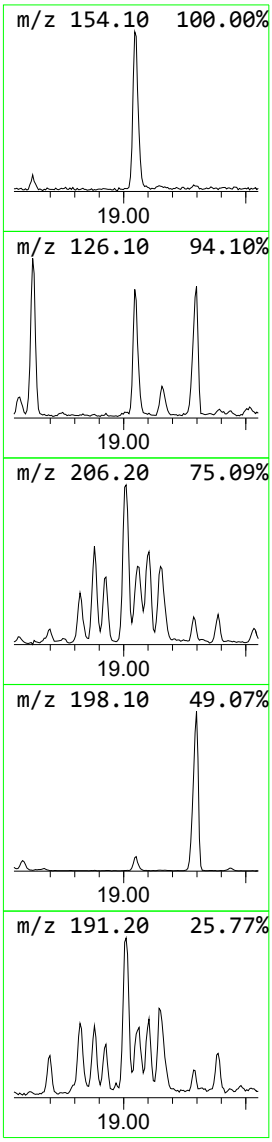
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalic anhydride Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	8.31 ng/ul	463545	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	91
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	83
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	70





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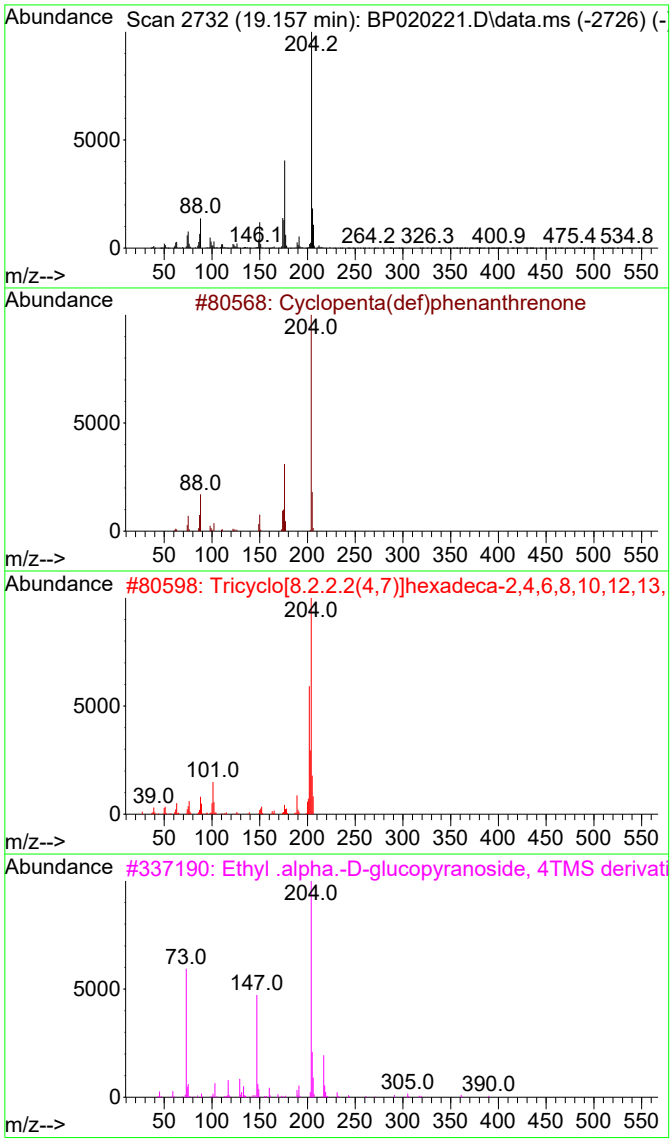
Quant Title : SVOA CALIBRATION

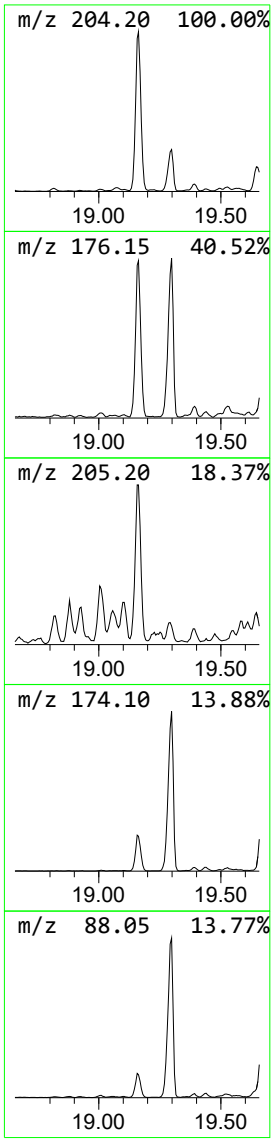
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	30.96 ng/ul	1727710	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
3	Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	43
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	Multifidin, 4TMS derivative	547	C23H49NO6Si4	1000480-87-0	43





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Sample : P2368-19
Misc :
ALS Vial : 23 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

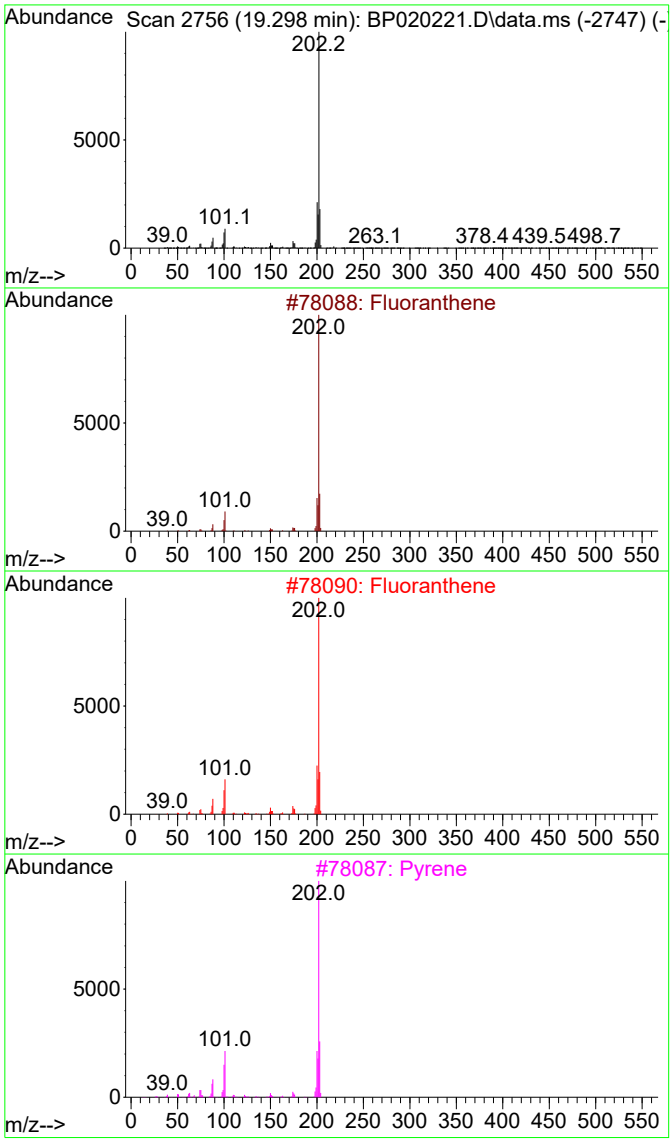
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

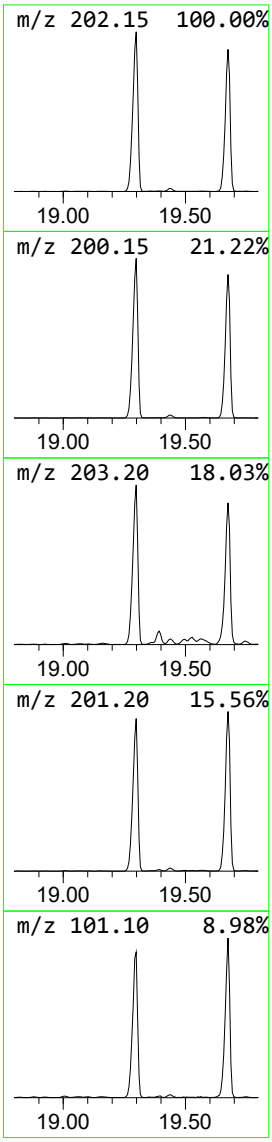
****

Peak Number 30 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	338.59 ng/ul	18893300	Phenanthrene-d10	17.122

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	93
5	Pyrene	202	C16H10	000129-00-0	90





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Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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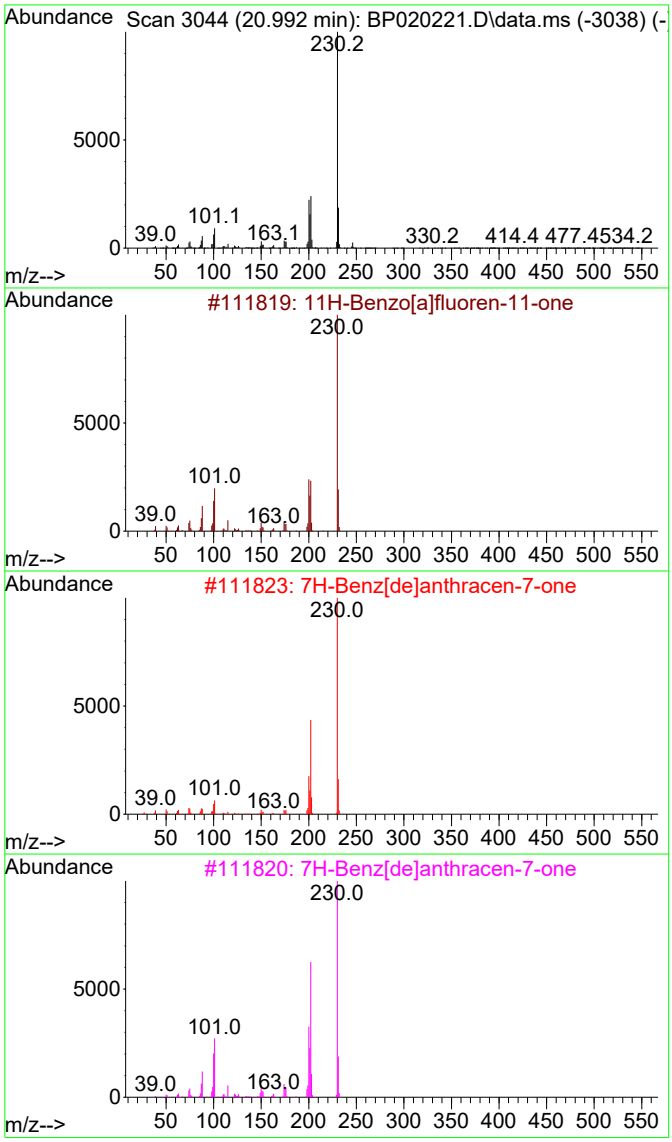
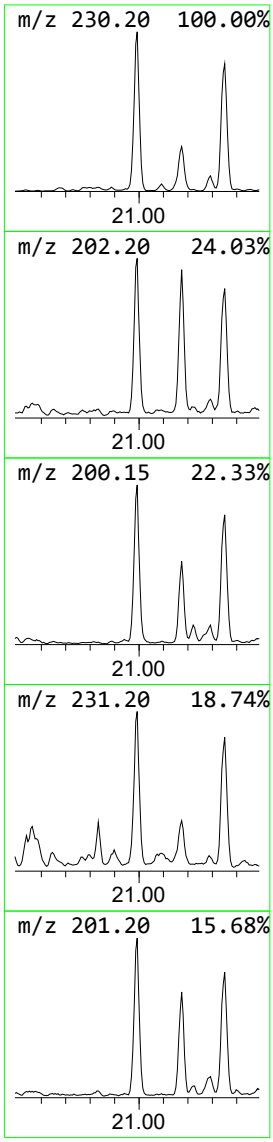
Peak Number 40 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	6.08 ng/ul	2480880	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
A43M2

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Quant Title : SVOA CALIBRATION

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

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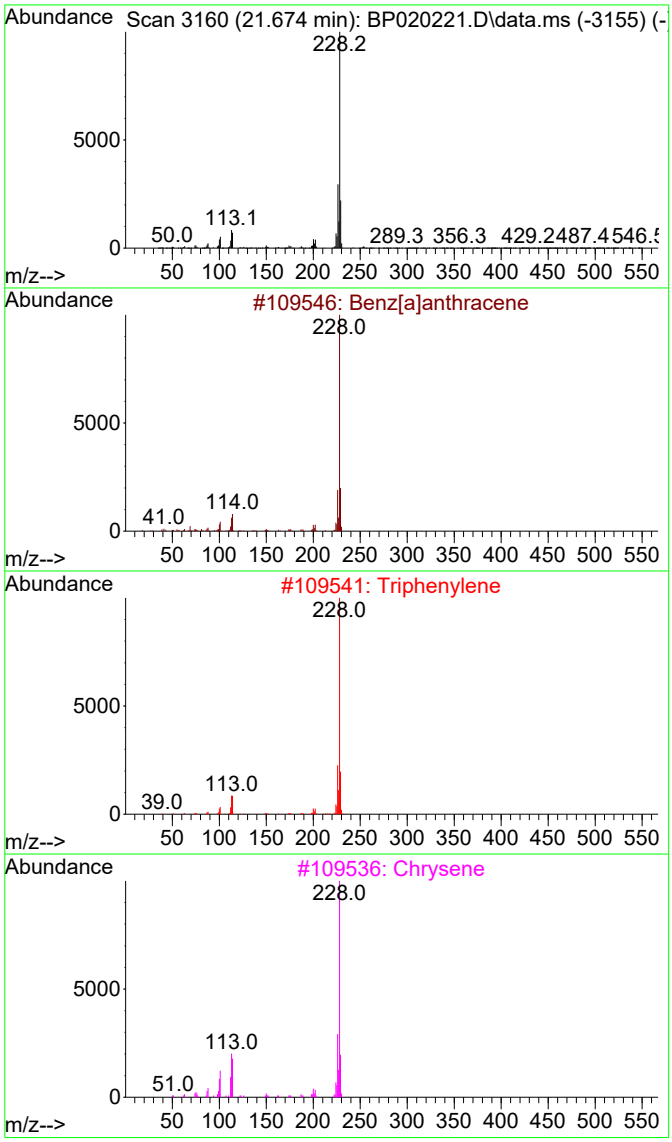
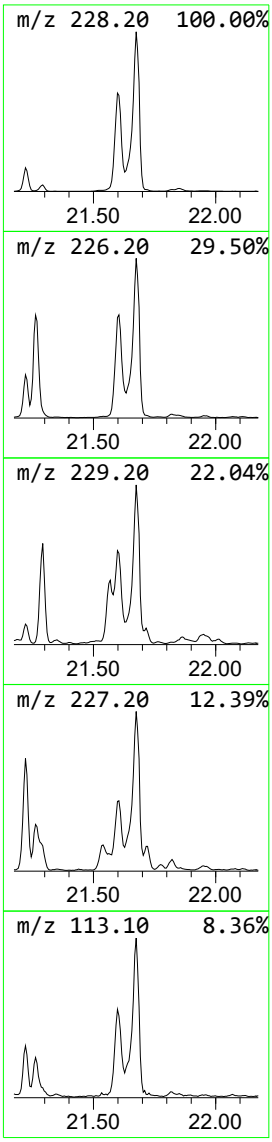
Peak Number 44 Benz[a]anthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.674	21.68 ng/ul	8854950	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene	228	C18H12	000056-55-3	97
2	Triphenylene	228	C18H12	000217-59-4	97
3	Chrysene	228	C18H12	000218-01-9	95
4	Triphenylene	228	C18H12	000217-59-4	95
5	Chrysene	228	C18H12	000218-01-9	95





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A43M2

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Quant Title : SVOA CALIBRATION

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

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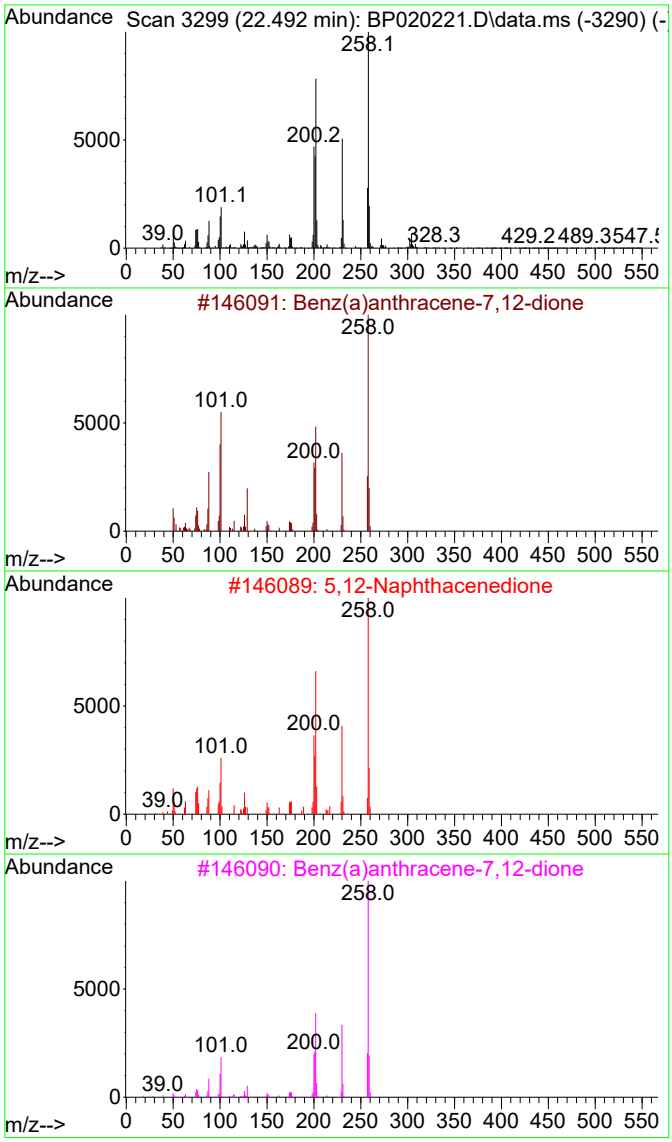
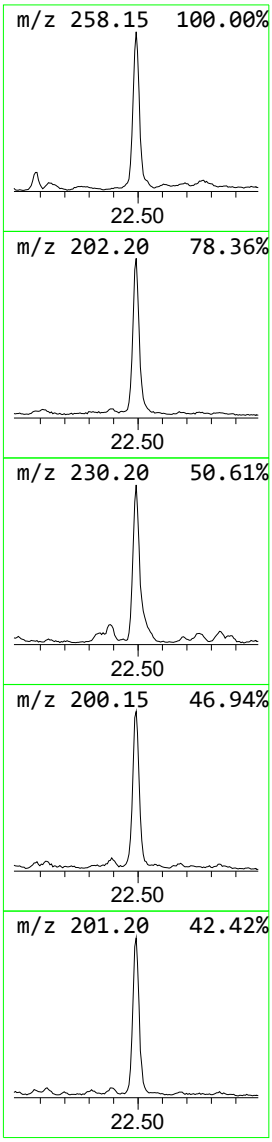
Peak Number 47 Benz(a)anthracene-7,12-dione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.492	5.71 ng/ul	2329990	Chrysene-d12	21.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	95
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91





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Sample : P2368-19
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

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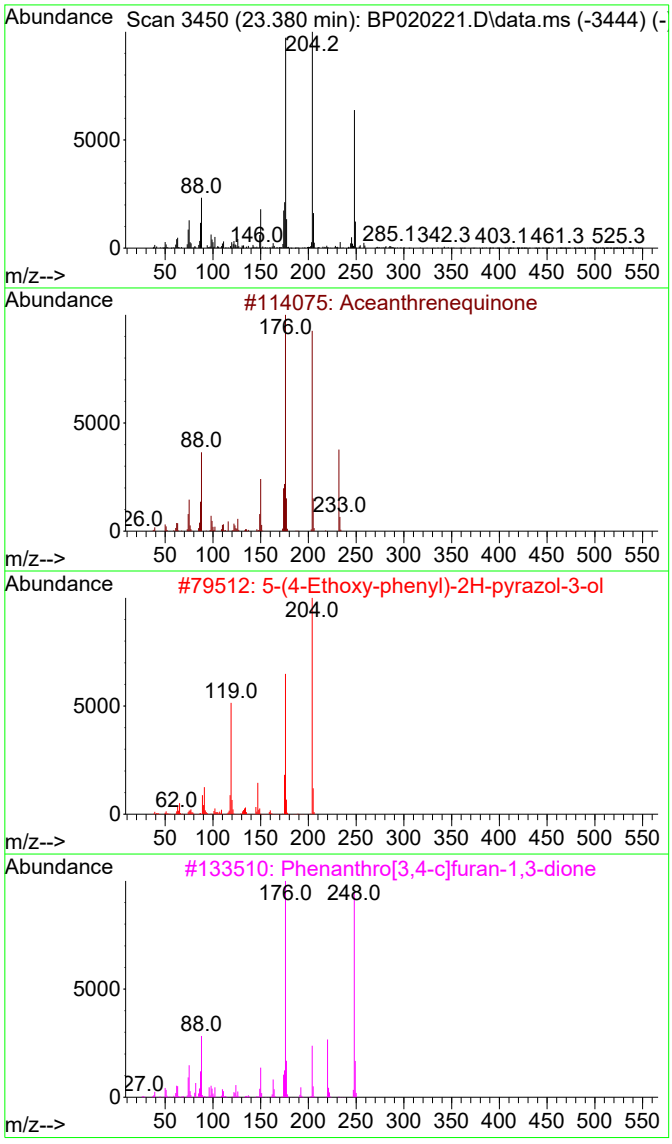
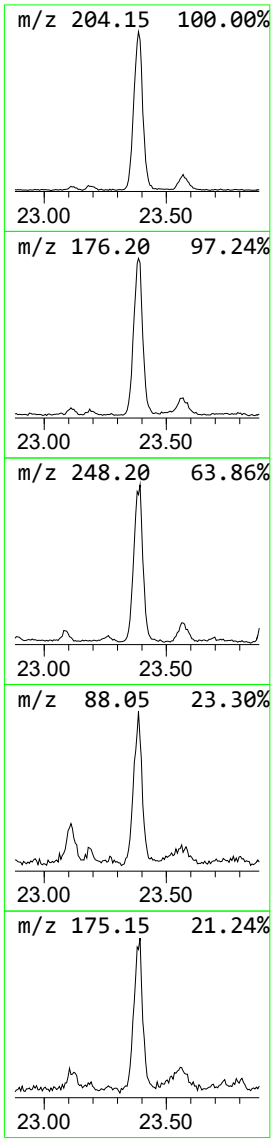
Peak Number 48 Aceanthrenequinone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.380	15.98 ng/ul	781170	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	58
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
3	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	50
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
5	2-Carbethoxy-4-hydroxy-6-methoxy...	248	C12H12N2O4	1000227-07-7	43





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Quant Title : SVOA CALIBRATION

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

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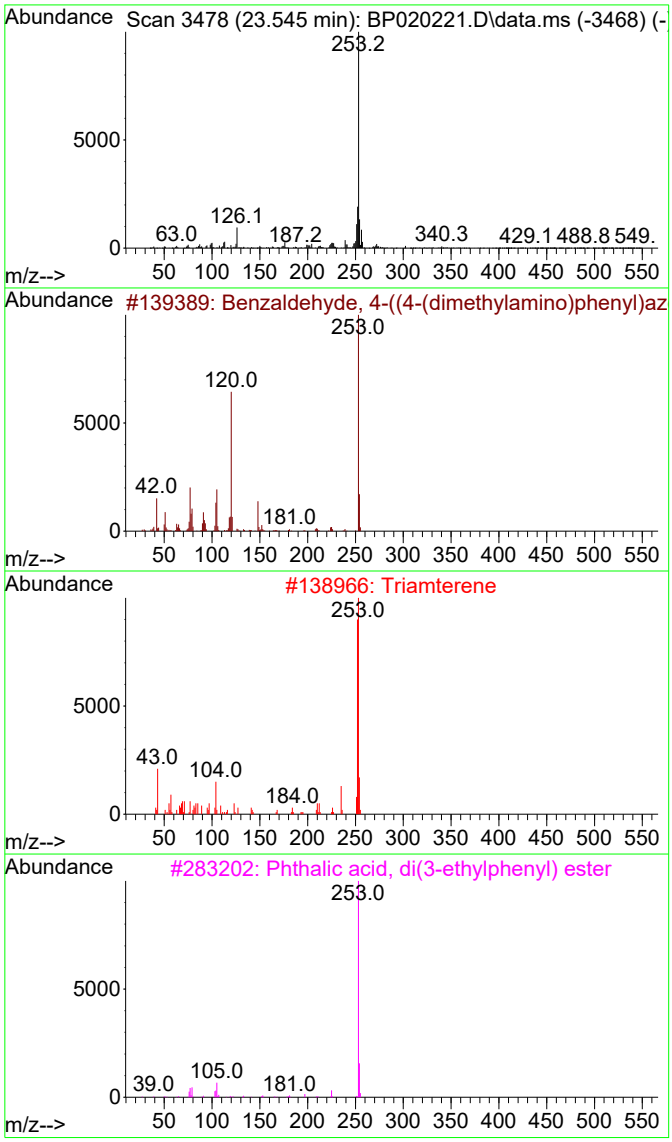
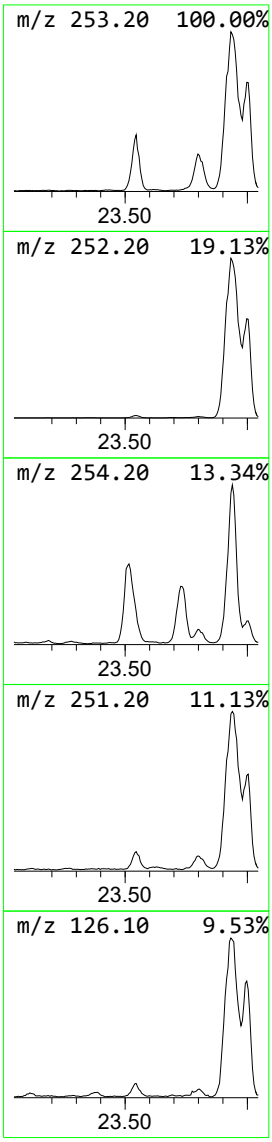
Peak Number 49 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.545	17.23 ng/ul	842488	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	47
2	Triamterene	253	C12H11N7	000396-01-0	40
3	Phthalic acid, di(3-ethylphenyl)...	374	C24H22O4	1000357-08-4	38
4	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	38
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	38





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Sample : P2368-19
Misc :
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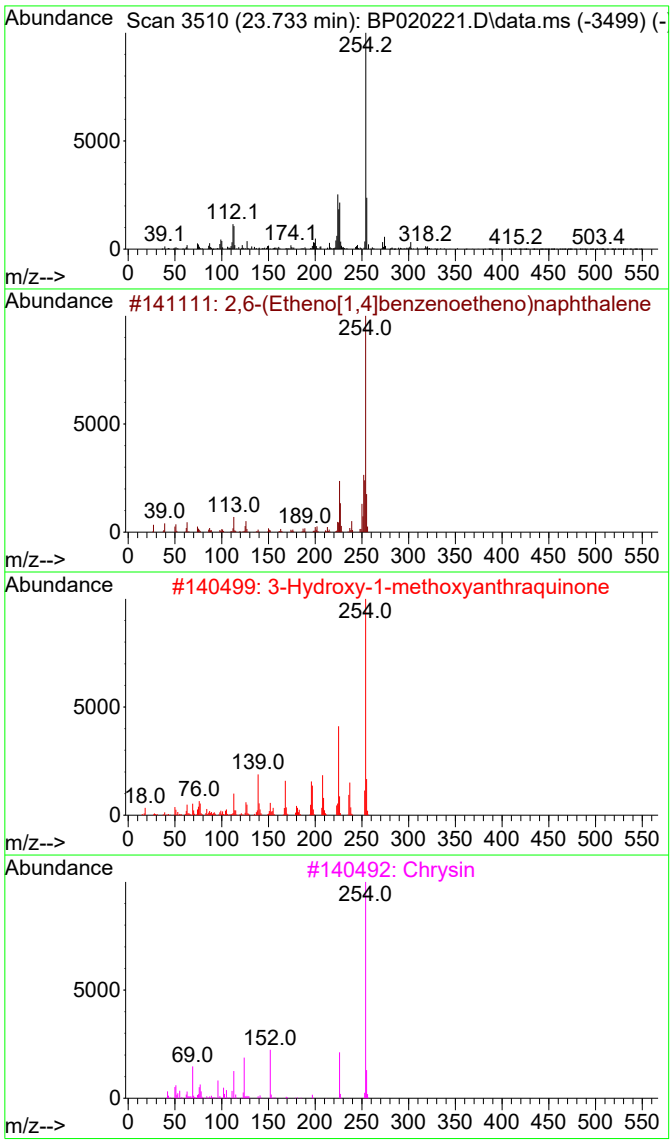
Quant Title : SVOA CALIBRATION

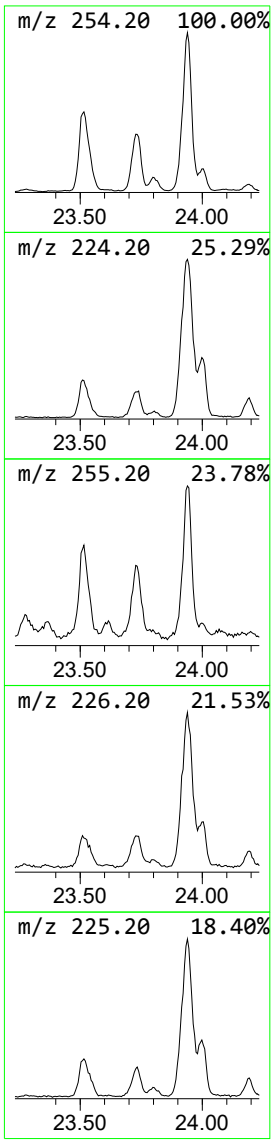
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	14.77 ng/ul	722239	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	59
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
3	Chrysin	254	C15H10O4	000480-40-0	50
4	2,2'-Binaphthalene	254	C20H14	000612-78-2	50
5	N-(3-Chlorophenyl)-4-quinazolina...	255	C14H10ClN3	088404-44-8	43





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Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

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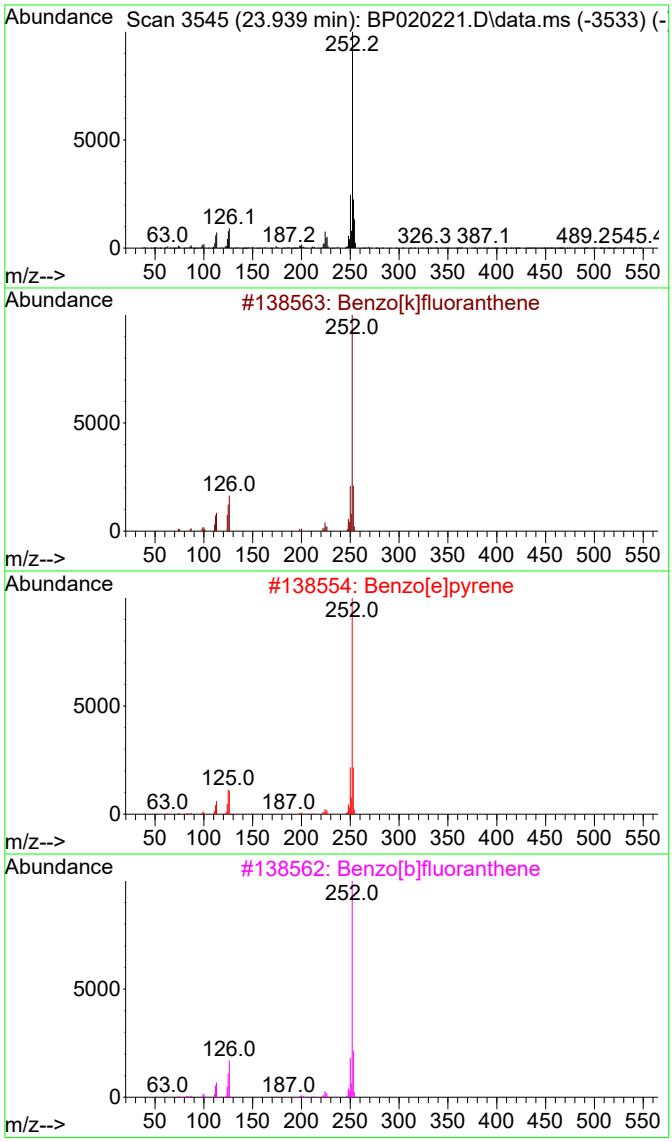
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

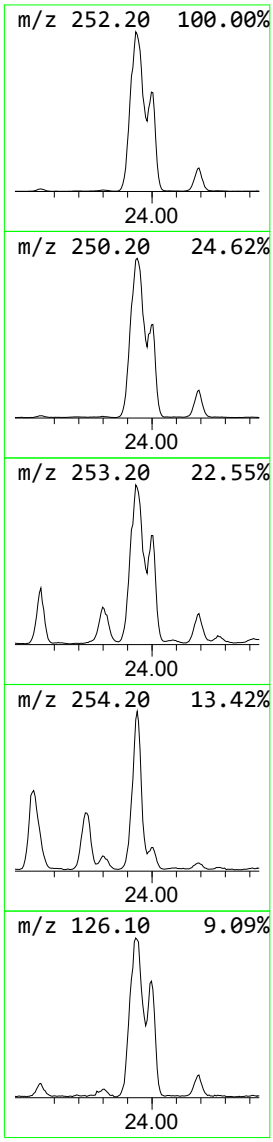
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzo[k]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.939	266.04 ng/ul	13008700	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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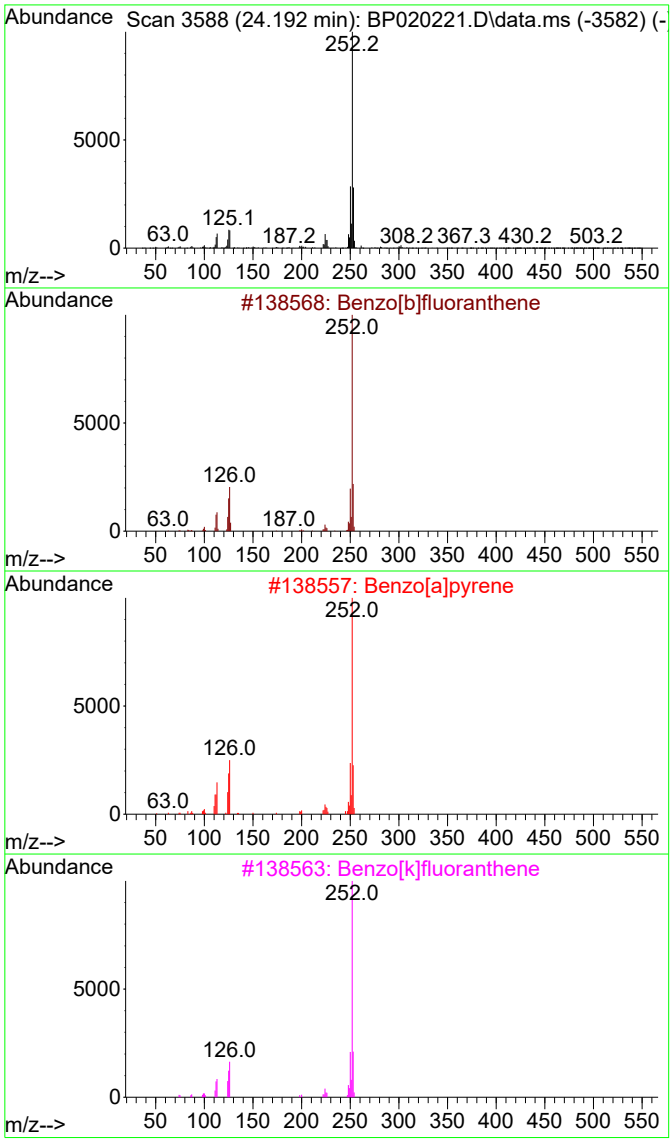
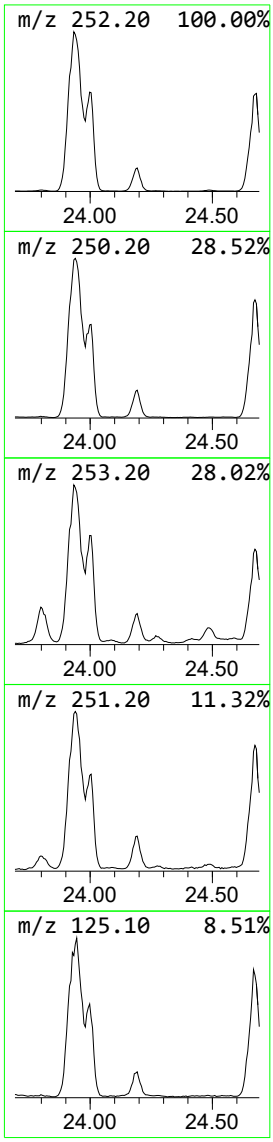
Peak Number 52 Benzo[b]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.192	20.53 ng/ul	1003640	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78





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Misc :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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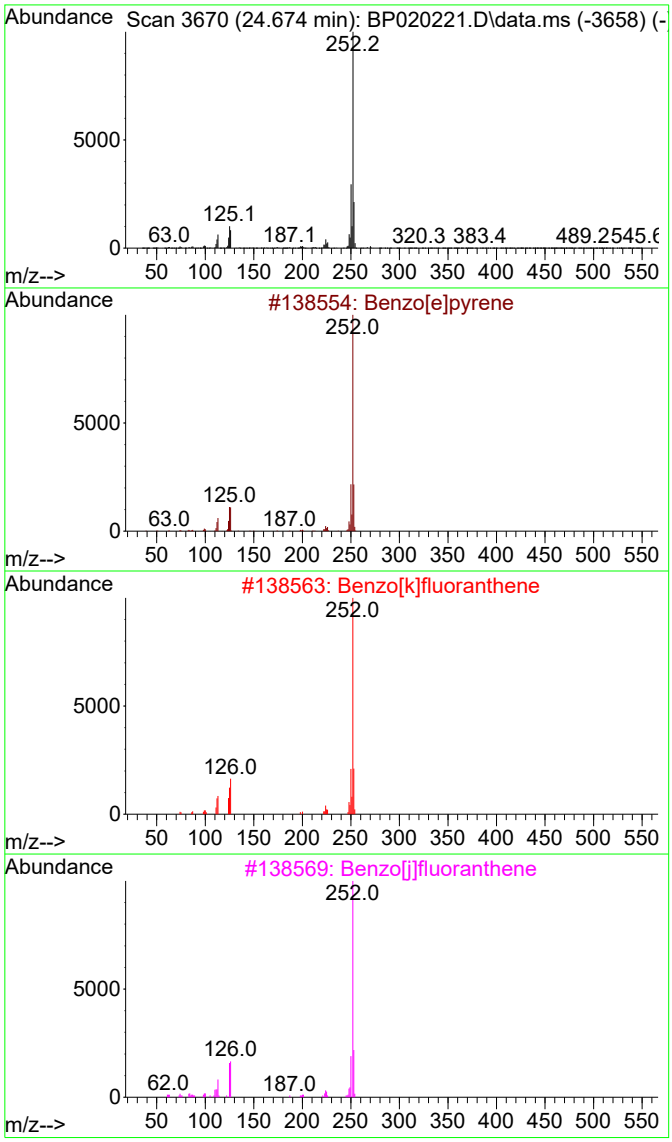
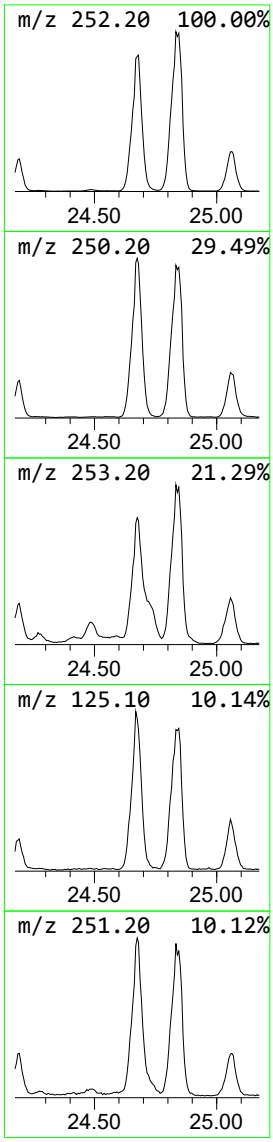
Peak Number 53 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.674	118.81 ng/ul	5809310	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Quant Title : SVOA CALIBRATION

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

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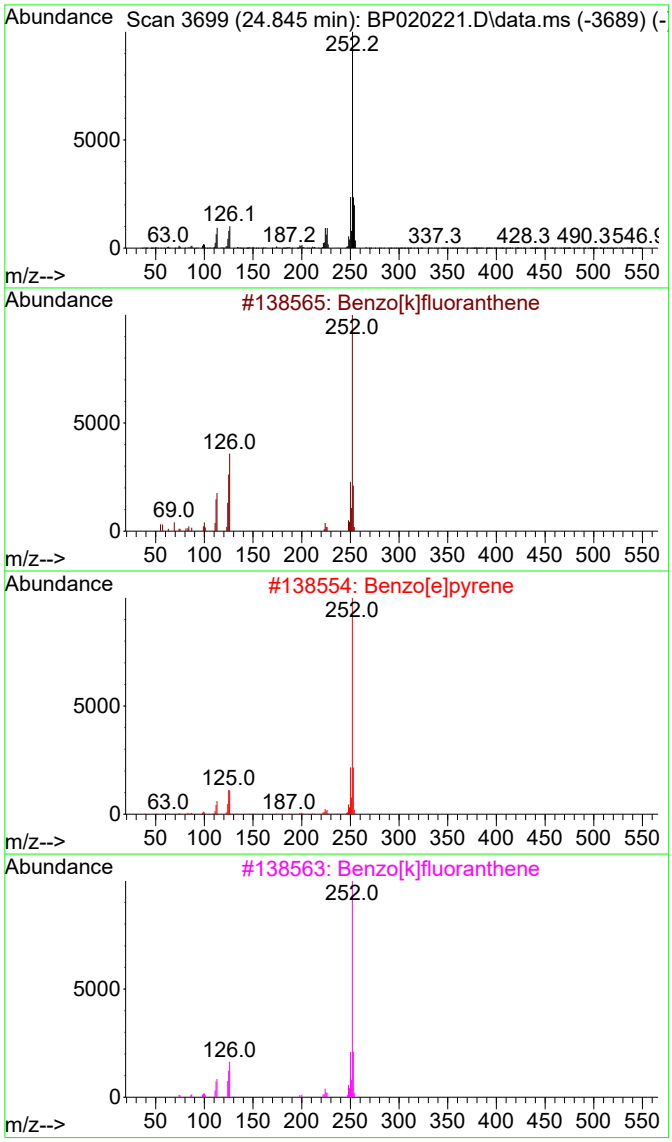
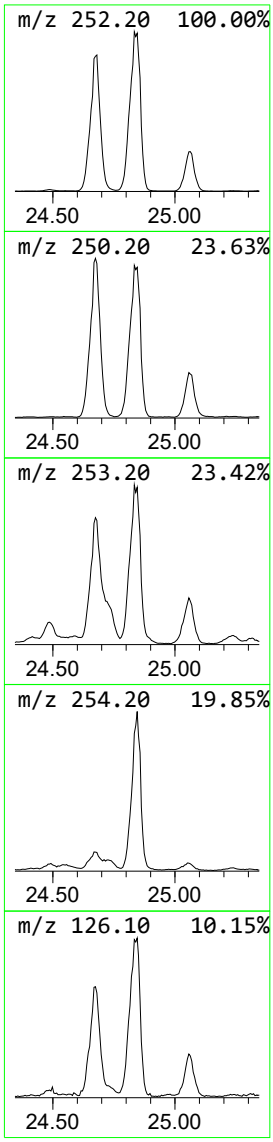
Peak Number 54 Benzo[a]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.845	170.16 ng/ul	8320460	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
2	Benzo[e]pyrene	252	C20H12	000192-97-2	86
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
4	Benzo[a]pyrene	252	C20H12	000050-32-8	70
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70





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Sample : P2368-19
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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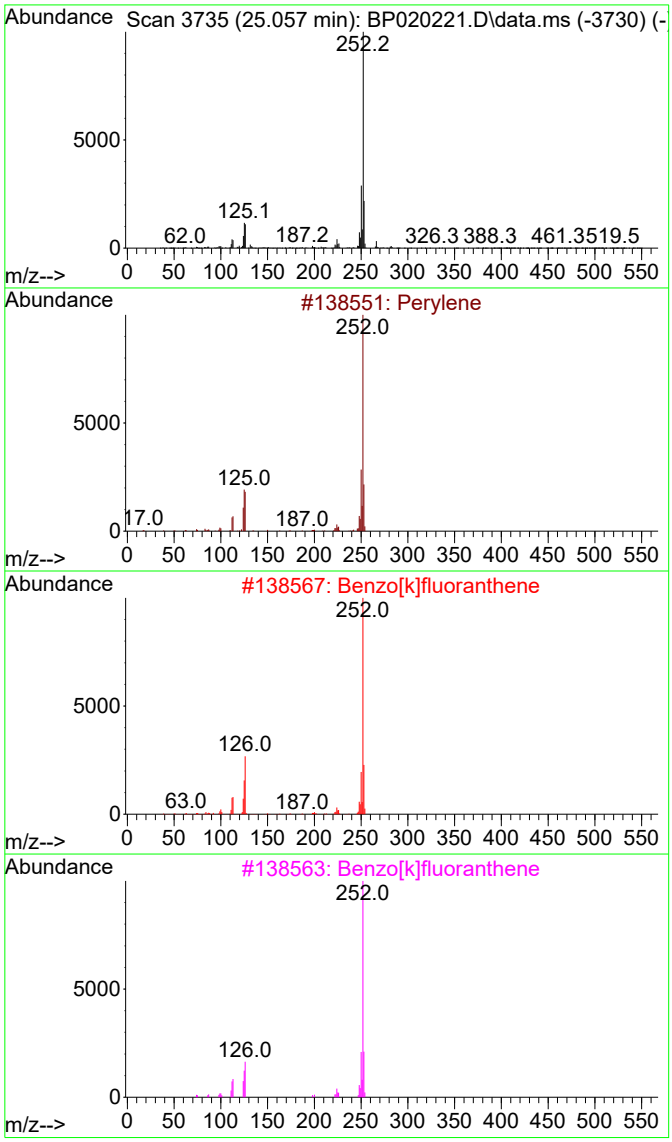
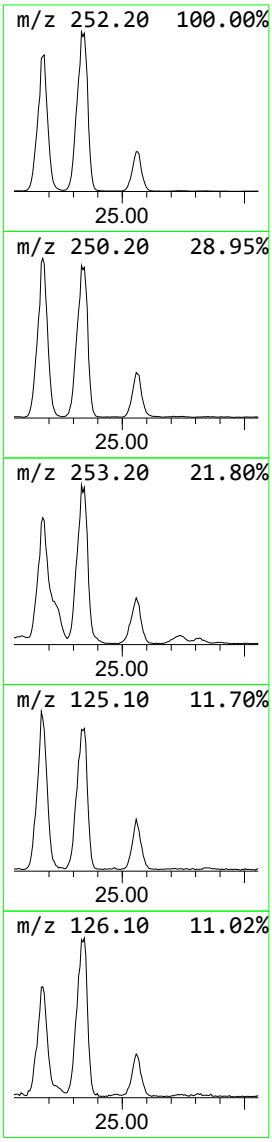
Peak Number 55 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.057	22.12 ng/ul	1081670	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

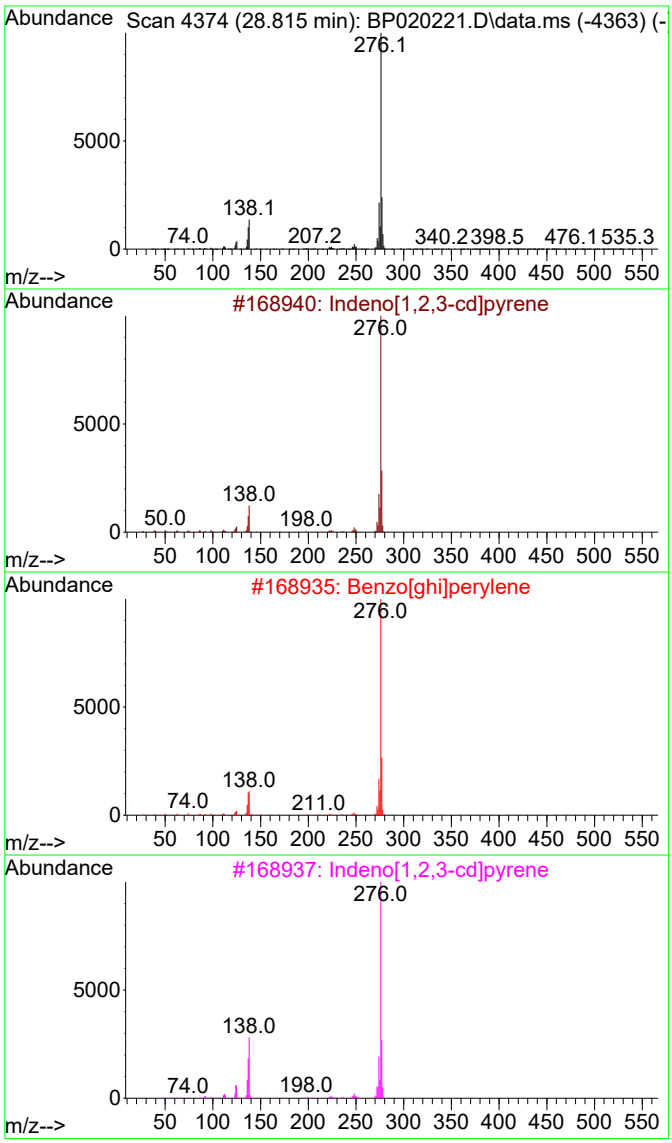
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

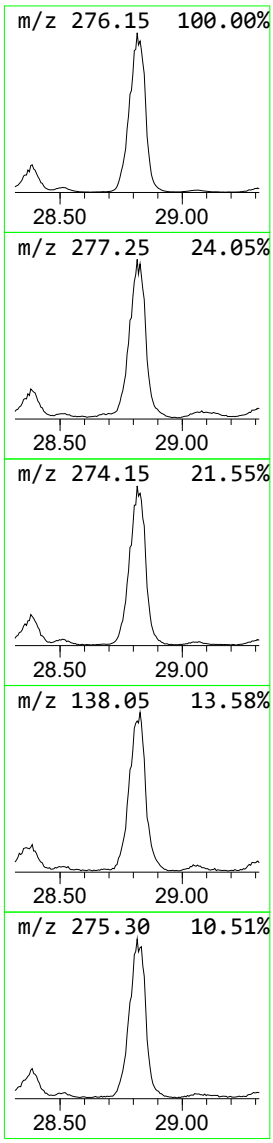
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Indeno[1,2,3-cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.815	60.22 ng/ul	2944700	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	99
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	98
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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

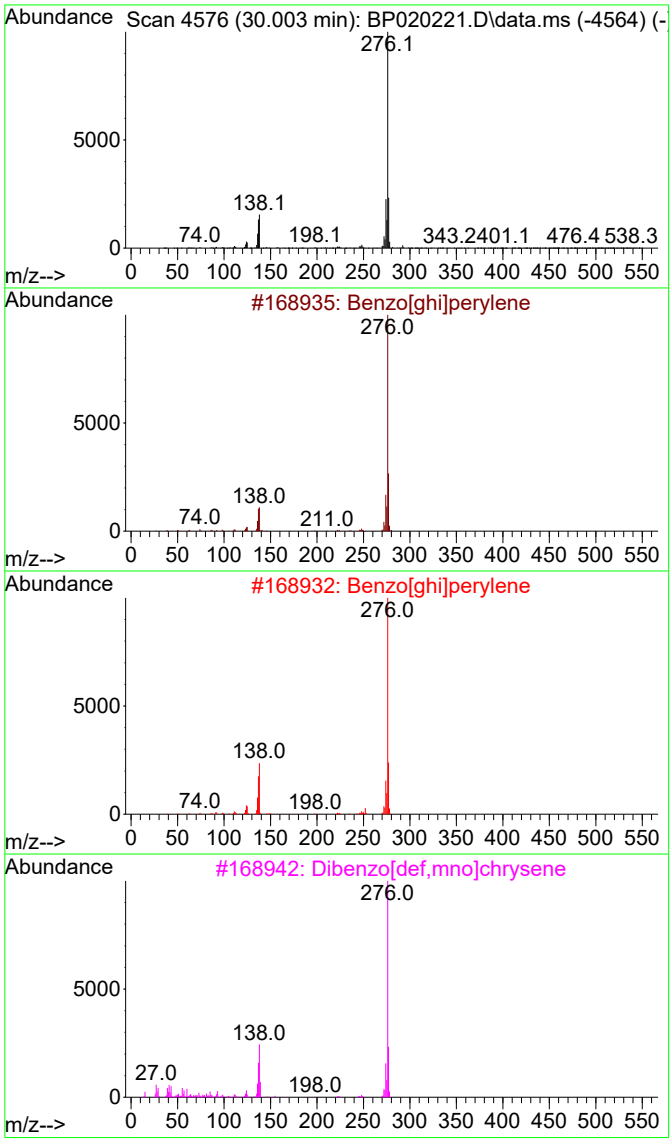
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

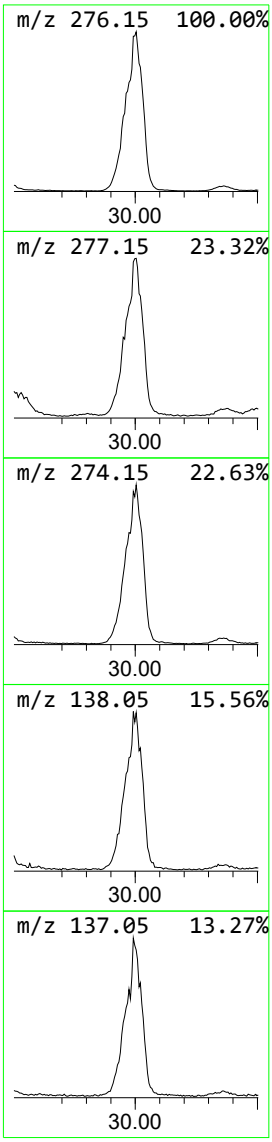
****

Peak Number 57 Benzo[ghi]perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.003	93.84 ng/ul	4588670	Perylene-d12	24.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	99
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020221.D
Acq On : 07 May 2024 01:29
Operator : MA/JU
Sample : P2368-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M2

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	7.3	ng/ul	239716	1	7.622	659476	20.0
Ethanol, 2-(2-b...	10.193	9.9	ng/ul	451546	2	10.393	910634	20.0
Naphtho[2,1-b]t...	16.933	6.9	ng/ul	384401	4	17.122	1116000	20.0
Benzo[f]quinoline	17.528	5.4	ng/ul	303696	4	17.122	1116000	20.0
5H-Indeno[1,2-b...	17.557	23.1	ng/ul	1287310	4	17.122	1116000	20.0
Naphthalene, 1-...	17.669	6.3	ng/ul	349955	4	17.122	1116000	20.0
2-Fluorenecarbo...	17.745	6.3	ng/ul	352389	4	17.122	1116000	20.0
Phenanthrene, 1...	18.039	18.7	ng/ul	1044080	4	17.122	1116000	20.0
Phenanthrene, 2...	18.086	36.5	ng/ul	2033790	4	17.122	1116000	20.0
Naphtho[2,3-b]n...	18.239	16.0	ng/ul	891907	4	17.122	1116000	20.0
1H-Indene, 2-ph...	18.281	14.1	ng/ul	784309	4	17.122	1116000	20.0
Naphthalene, 2-...	18.569	17.0	ng/ul	948569	4	17.122	1116000	20.0
9,10-Anthracene...	18.628	44.1	ng/ul	2460570	4	17.122	1116000	20.0
di-p-Tolylacety...	19.004	9.8	ng/ul	548408	4	17.122	1116000	20.0
Naphthalic anhy...	19.051	8.3	ng/ul	463545	4	17.122	1116000	20.0
Cyclopenta(def)...	19.157	31.0	ng/ul	1727710	4	17.122	1116000	20.0
Fluoran thene	19.298	338.6	ng/ul	18893300	4	17.122	1116000	20.0
11H-Benzo[a]flu...	20.992	6.1	ng/ul	2480880	5	21.622	8166880	20.0
Benz[a]anthracene	21.674	21.7	ng/ul	8854950	5	21.622	8166880	20.0
Benz(a)anthrace...	22.492	5.7	ng/ul	2329990	5	21.622	8166880	20.0
Aceanthrenequinone	23.380	16.0	ng/ul	781170	6	24.980	977932	20.0
unknown-01	23.545	17.2	ng/ul	842488	6	24.980	977932	20.0
2,6-(Etheno[1,4...	23.733	14.8	ng/ul	722239	6	24.980	977932	20.0
Benzo[k]fluoran...	23.939	266.0	ng/ul	13008700	6	24.980	977932	20.0
Benzo[b]fluoran...	24.192	20.5	ng/ul	1003640	6	24.980	977932	20.0
Benzo[e]pyrene	24.674	118.8	ng/ul	5809310	6	24.980	977932	20.0
Benzo[a]pyrene	24.845	170.2	ng/ul	8320460	6	24.980	977932	20.0
Perylene	25.057	22.1	ng/ul	1081670	6	24.980	977932	20.0
Indeno[1,2,3-cd...	28.815	60.2	ng/ul	2944700	6	24.980	977932	20.0
Benzo[ghi]perylene	30.003	93.8	ng/ul	4588670	6	24.980	977932	20.0