LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

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-BP072421.M
Title : SVOA CALIBRATION

Signal : TIC: BP006322.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.717	102	107	118	rBV	275777	469902	1.43%	0.299%
2	6.963	649	659	668	rBV2	495083	938739	2.85%	0.597%
3	7.134	682	688	699	rVB	441849	694211	2.11%	0.442%
4	7.322	713	720	729	rVB	534132	815853	2.48%	0.519%
5	7.793	790	800	808	rBV	1259652	2023570	6.15%	1.287%
6	8.493	909	919	926	rBV	641977	1019787	3.10%	0.649%
7	8.946	989	996	1007	rVB	470530	774982	2.36%	0.493%
8	9.663	1109	1118	1131	rBV	338731	577301	1.76%	0.367%
9	10.193	1197	1208	1218	rBV	569833	912788	2.78%	0.581%
10	10.575	1262	1273	1278	rBV	1752624	2920431	8.88%	1.857%
11	10.622	1278	1281	1288	rVB	99849	160267	0.49%	0.102%
12	10.716	1289	1297	1309	rBV	467142	838309	2.55%	0.533%
13	13.598	1775	1787	1794	rBV	137965	324388	0.99%	0.206%
14	13.734	1800	1810	1816	rBV	255331	445693	1.36%	0.283%
15	13.834	1822	1827	1837	rVB	1056731	1426689	4.34%	0.907%
16	13.975	1845	1851	1854	rBV	118939	184811	0.56%	0.118%
17	14.104	1865	1873	1886	rBV2	1007954	1801992	5.48%	1.146%
18	14.416	1916	1926	1932	rBV	2500396	3716166	11.30%	2.363%
19	14.481	1932	1937	1945	rVB	1075225	1619517	4.92%	1.030%
20	14.610	1953	1959	1972	rBV2	318038	542181	1.65%	0.345%
21	14.816	1988	1994	2002	rVV	357484	583114	1.77%	0.371%
22	15.034	2023	2031	2036	rBV3	83767	172064	0.52%	0.109%
23	15.204	2052	2060	2063	rBV2	94162	173569	0.53%	0.110%
24	15.410	2089	2095	2099	rVV	1496747	2130511	6.48%	1.355%
25	15.463	2099	2104	2109	rVV	1003716	1451097	4.41%	0.923%
26	15.528	2109	2115	2118	rVV2	252396	398670	1.21%	0.254%
27	15.628	2128	2132	2137	rVV2	191211	316006	0.96%	0.201%
28	15.675	2137	2140	2144	rVV3	102775	172096	0.52%	0.109%
29	15.716	2144	2147	2150	rVV	147272	195911	0.60%	0.125%
30	15.757	2150	2154	2164	rVV	322189	498320	1.52%	0.317%
31	15.904	2166	2179	2187	rVB	355419	767505	2.33%	0.488%
32	16.469	2267	2275	2280	rBV2	267853	546704	1.66%	0.348%
33	16.522	2280	2284	2288	rVV	105648	168884	0.51%	0.107%
34	16.622	2296	2301	2307	rVV	126003	200924	0.61%	0.128%
35	16.704	2307	2315	2318	rVV3	189329	332745	1.01%	0.212%
36	16.745	2318	2322	2325	rVV2	167023	279378	0.85%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

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-BP072421.M
Title : SVOA CALIBRATION

37	16.828	2332	2336	2343	rVV3	124159	223033	0.68%	0.142%
38	16.904	2343	2349	2355	rVV4	200422	536385	1.63%	0.341%
39	16.986	2358	2363	2378	rVB	342199	615508	1.87%	0.391%
40	17.169	2387	2394	2397	rBV	2832100	4127490	12.55%	2.625%
41	17.210	2397	2401	2406	rVV	6138900	8628051	26.23%	5.487%
42	17.263	2406	2410	2413	rVV2	1437176	2117252	6.44%	1.347%
43	17.298	2413	2416	2422	rVV	2415977	3266801	9.93%	2.078%
44	17.357	2422	2426	2432	rVB3	133181	234833	0.71%	0.149%
45	17.616	2465	2470	2479	rVB2	96679	211998	0.64%	0.135%
46	17.692	2479	2483	2489	rBV	126698	190735	0.58%	0.121%
47	18.039	2536	2542	2545	rBV	789387	1054986	3.21%	0.671%
48	18.081	2545	2549	2556	rVV2	1400430	2134450	6.49%	1.357%
49	18.163	2557	2563	2568	rVV2	683231	955032	2.90%	0.607%
50	18.228	2568	2574	2577	rVV2	1236668	2088203	6.35%	1.328%
51	18.263	2577	2580	2587	rVB	500059	693613	2.11%	0.441%
52	18.480	2612	2617	2621	rVV	2724067	3353527	10.20%	2.133%
53	18.528	2621	2625	2632	rVB	610790	834071	2.54%	0.530%
54	18.622	2636	2641	2647	rBV3	126543	212404	0.65%	0.135%
55	18.763	2661	2665	2669	rBV	179849	231397	0.70%	0.147%
56	18.810	2669	2673	2676	rBV	166564	187100	0.57%	0.119%
57	18.845	2676	2679	2683	rVB	146027	189425	0.58%	0.120%
58	18.922	2687	2692	2697	rBV	385777	668863	2.03%	0.425%
59	18.986	2697	2703	2706	rBV3	271344	472921	1.44%	0.301%
60	19.016	2706	2708	2712	rVB	204540	220222	0.67%	0.140%
61	19.057	2712	2715	2718	rBV	135405	198216	0.60%	0.126%
62	19.180	2730	2736	2743	rBV	7470384	9828990	29.89%	6.251%
63	19.245	2744	2747	2750	rVV2	146700	175045	0.53%	0.111%
64	19.316	2755	2759	2765	rVB2	595159	1155921	3.51%	0.735%
65	19.504	2786	2791	2794	rBV2	2506497	3970777	12.07%	2.525%
66	19.533	2794	2796	2805	rVV	3059463	3899058	11.86%	2.480%
67	19.604	2805	2808	2815	rVB2	364484	555686	1.69%	0.353%
68	19.710	2821	2826	2832	rVB	495481	672333	2.04%	0.428%
69	19.851	2844	2850	2861	rBV3	435027	1137366	3.46%	0.723%
70	19.945	2862	2866	2868	rVV2	142550	183828	0.56%	0.117%
71	19.986	2868	2873	2874	rVV3	351194	540325	1.64%	0.344%
72	20.022	2874	2879	2883	rVB	1518314	2099945	6.39%	1.336%
73	20.116	2891	2895	2899	rBV	1549718	1891338	5.75%	1.203%
74	20.169	2899	2904	2909	rVB2	547797	919736	2.80%	0.585%
75	20.269	2915	2921	2925	rBV2	330083	627261	1.91%	0.399%
76	20.310	2925	2928	2931	rVV	210678	286942	0.87%	0.182%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

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-BP072421.M
Title : SVOA CALIBRATION

77	20.357	2931	2936	2945	rVB2	359071	705908	2.15%	0.449%
78	20.504	2956	2961	2965	rBV	30192424	32888273	100.00%	20.916%
79	20.539	2966	2967	2973	rVV4	176915	210235	0.64%	0.134%
80	20.598	2974	2977	2980	rVV2	195347	303530	0.92%	0.193%
81	20.627	2980	2982	2986	rVB	200412	215136	0.65%	0.137%
82	20.710	2992	2996	3001	rBV2	285123	524783	1.60%	0.334%
83	20.916	3028	3031	3034	rBV	293899	330294	1.00%	0.210%
84	20.951	3034	3037	3041	rVV	481911	614173	1.87%	0.391%
85	20.992	3041	3044	3054	rVB5	430440	996274	3.03%	0.634%
86	21.257	3083	3089	3093	rBV2	5219976	9902749	30.11%	6.298%
87	21.298	3093	3096	3104	rVB	2937677	3896283	11.85%	2.478%
88	21.416	3113	3116	3122	rBV	248749	435792	1.33%	0.277%
89	21.774	3174	3177	3179	rBV	148915	170563	0.52%	0.108%
90	21.833	3183	3187	3191	rVV2	605424	959449	2.92%	0.610%
91	21.886	3192	3196	3203	rVB3	403900	889517	2.70%	0.566%
92	21.986	3211	3213	3217	rVB	322918	355472	1.08%	0.226%
93	22.033	3218	3221	3224	rVV2	253895	402795	1.22%	0.256%
94	22.069	3224	3227	3234	rVB3	434193	660547	2.01%	0.420%
95	22.839	3355	3358	3361	rVB3	220117	272065	0.83%	0.173%
96	22.898	3362	3368	3373	rBV	1752922	4356437	13.25%	2.771%
97	23.074	3394	3398	3405	rVB	510301	887000	2.70%	0.564%
98	23.457	3460	3463	3467	rVB2	274529	356352	1.08%	0.227%
99	23.504	3467	3471	3476	rVB	431051	656047	1.99%	0.417%
100	23.610	3483	3489	3497	rVB2	2125033	4062779	12.35%	2.584%

Sum of corrected areas: 157238595

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
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Acq On : 25 Jul 2021 00:46
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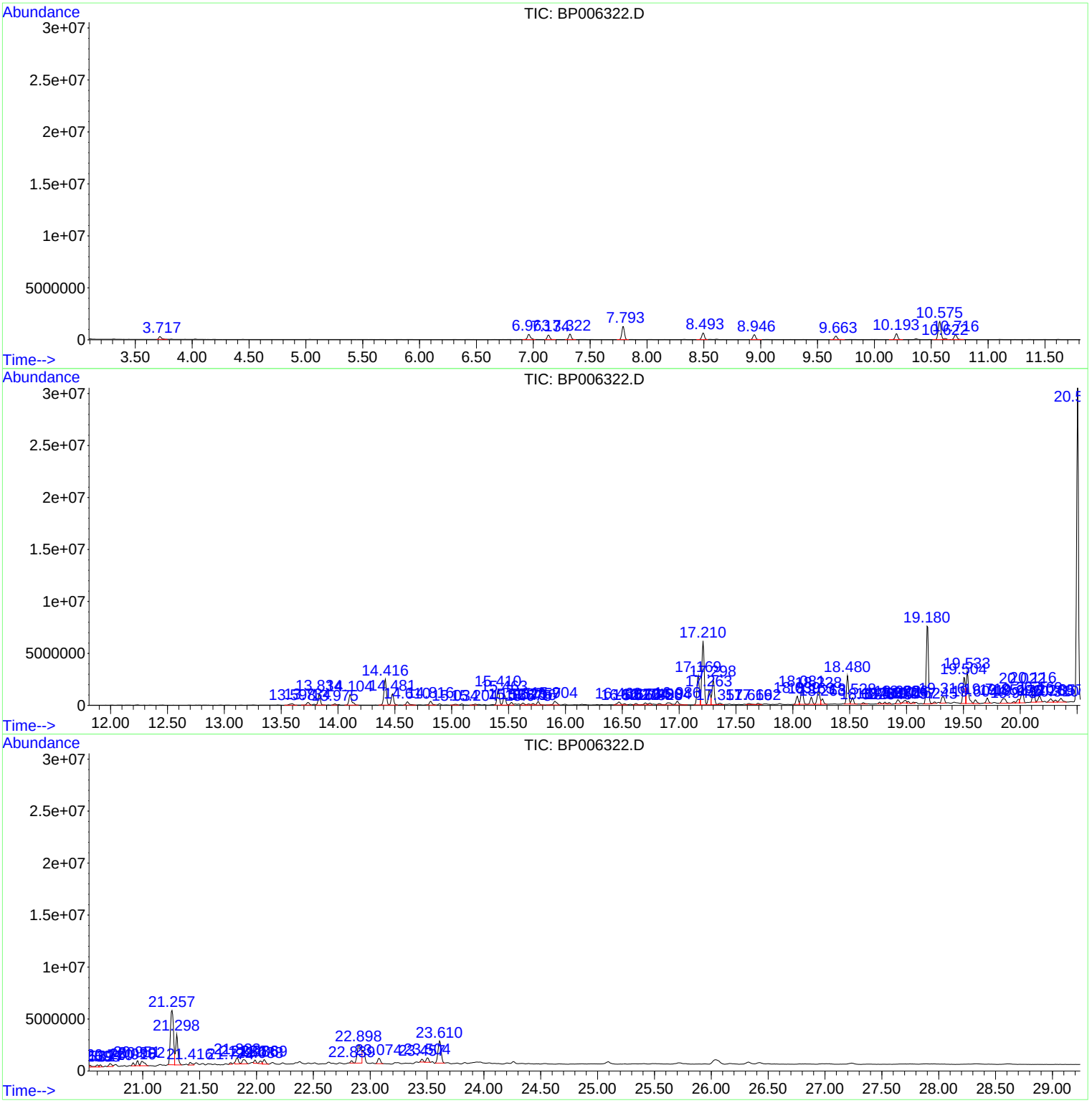
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

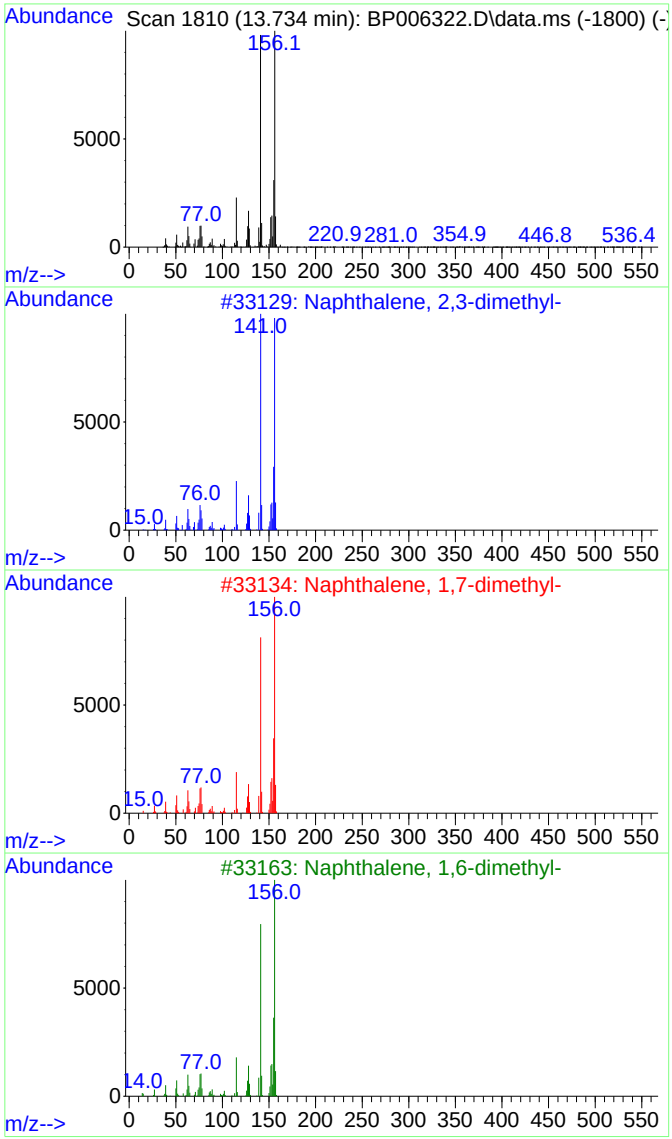
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

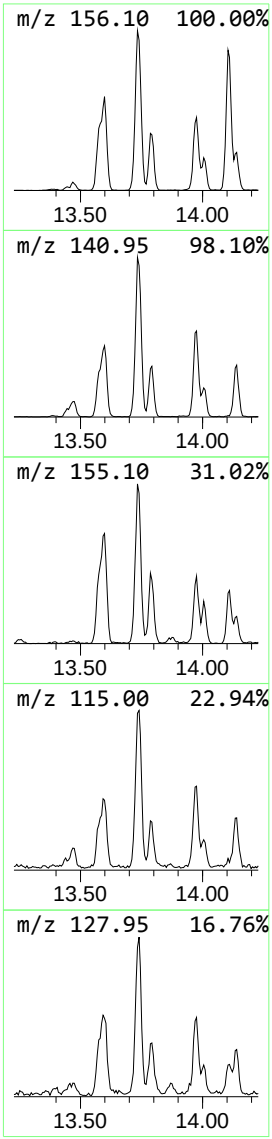
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	2.40 ng/ul	445693	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

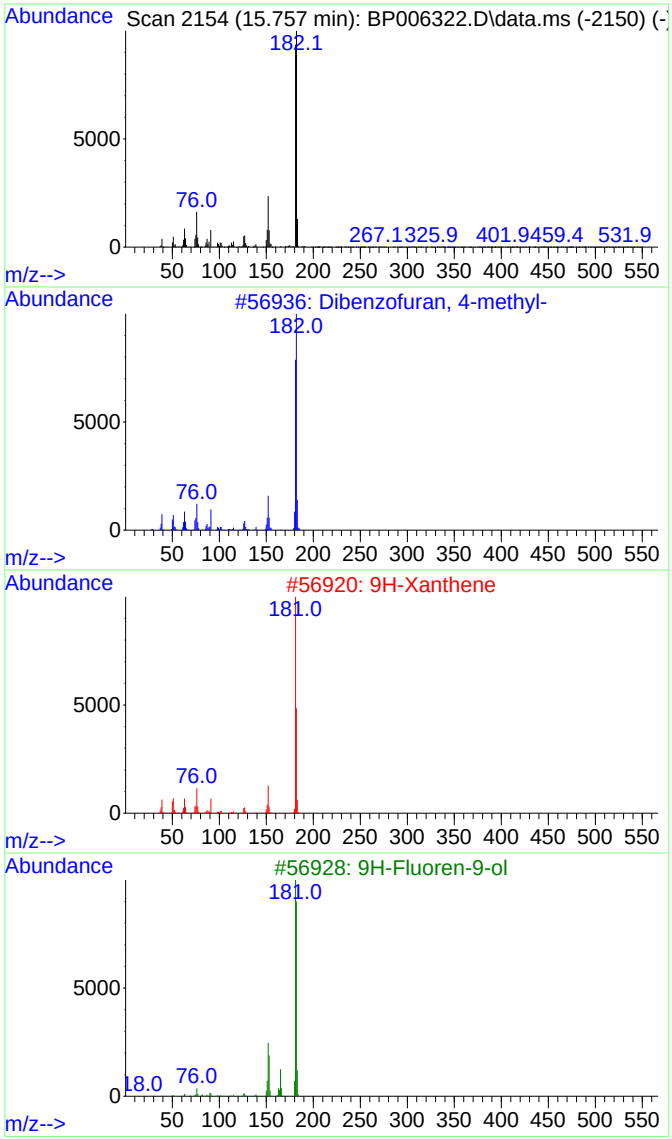
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

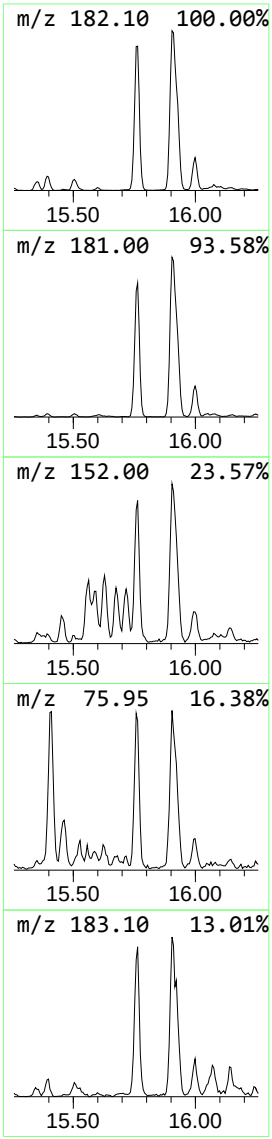
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	2.68 ng/ul	498320	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Xanthene	182	C13H10O	000092-83-1	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

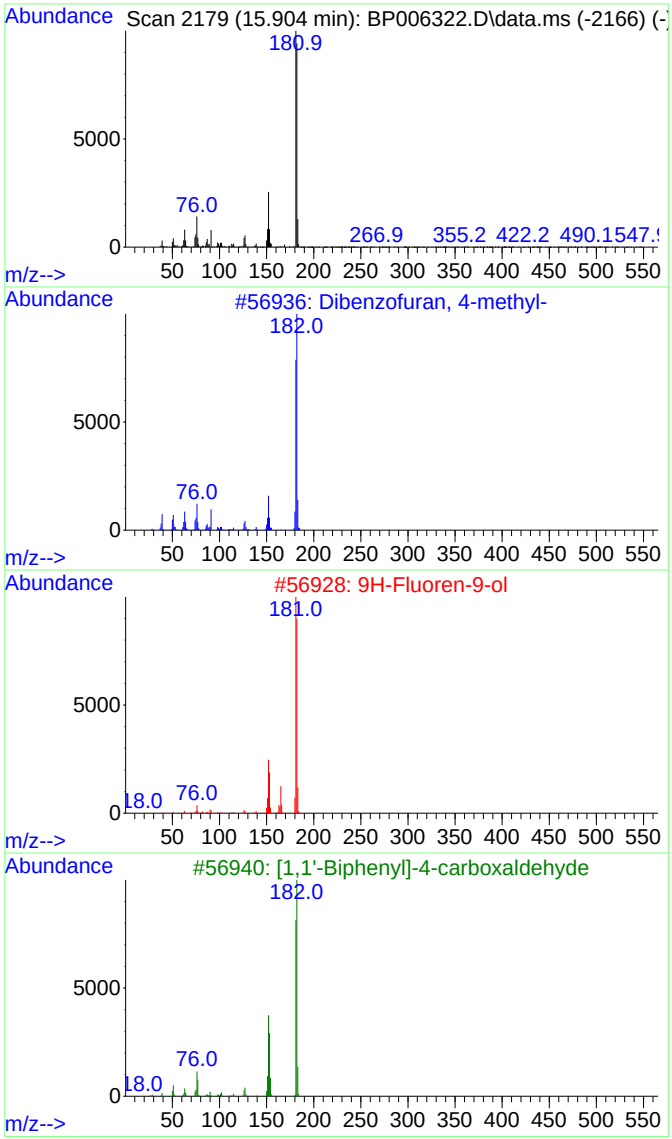
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

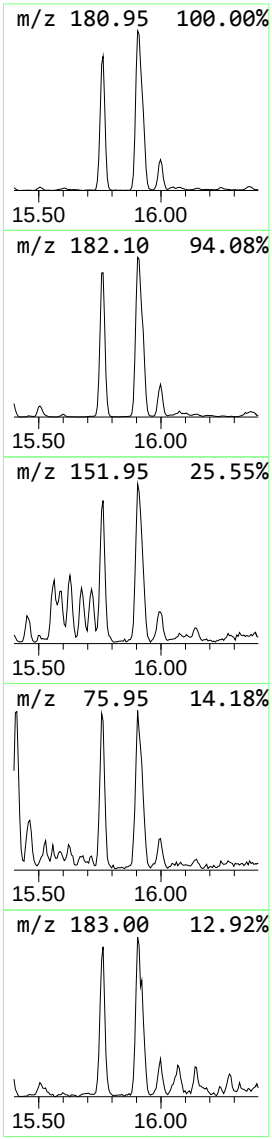
****

Peak Number 3 9H-Fluoren-9-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.900	3.72 ng/ul	767505	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

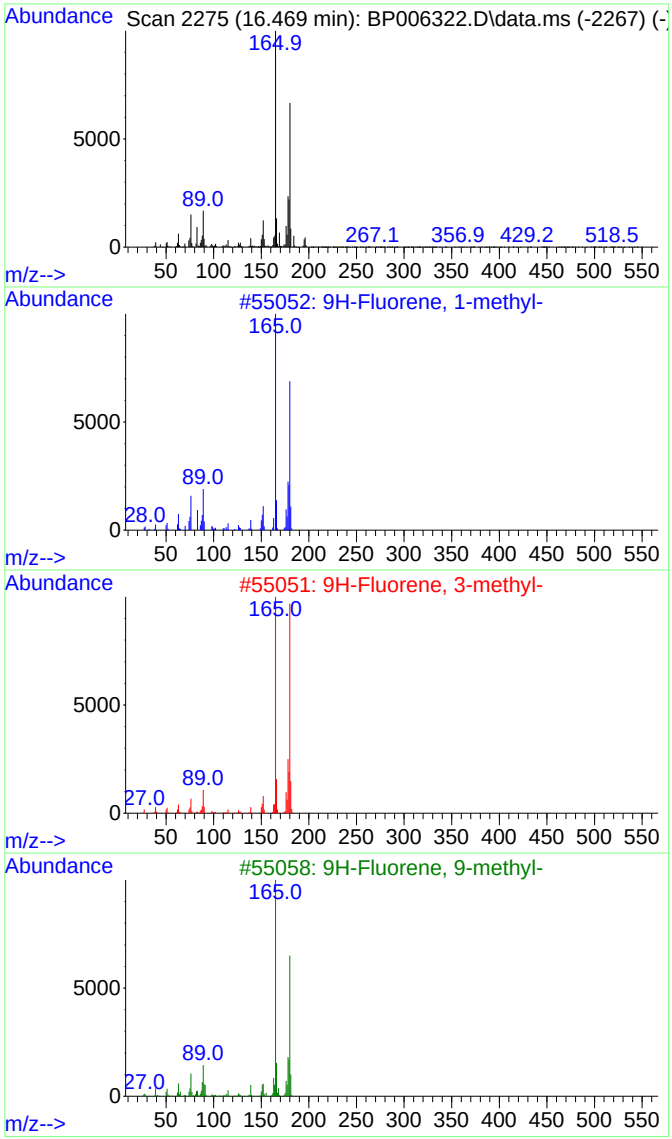
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

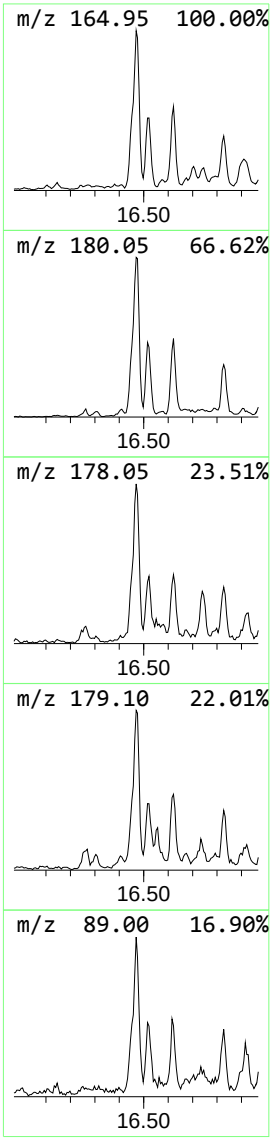
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	2.65 ng/ul	546704	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	83
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

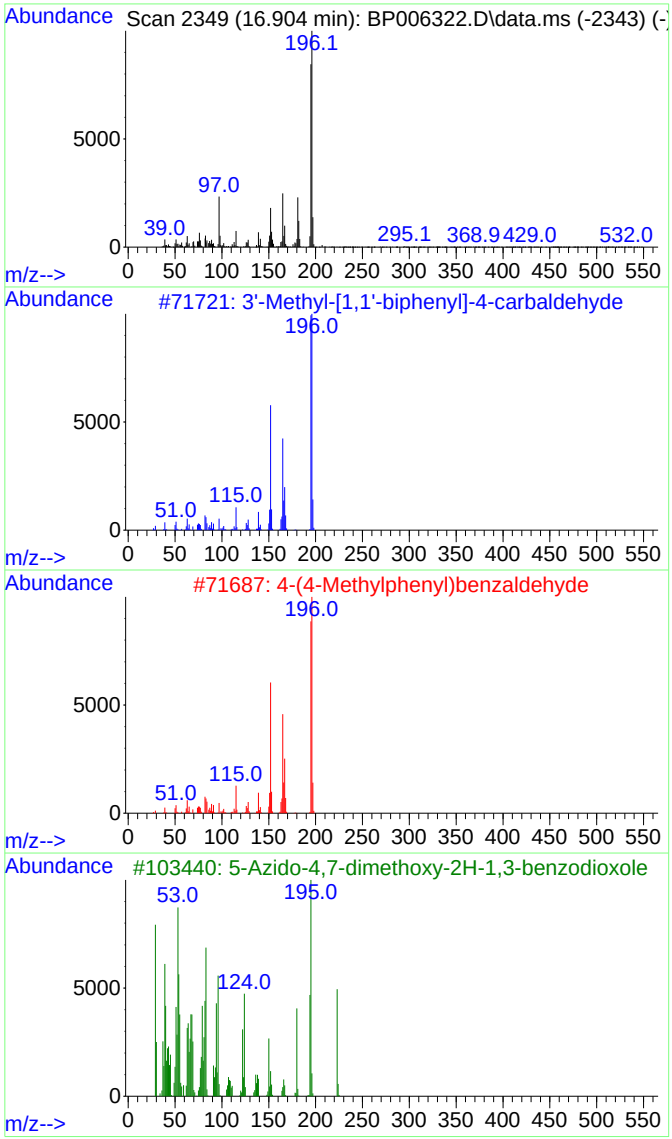
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

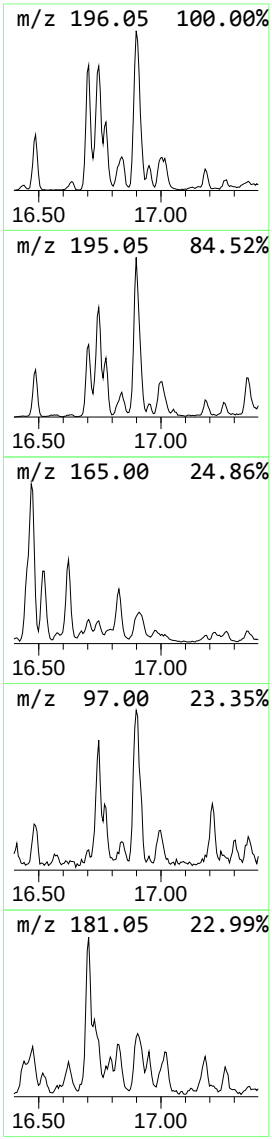
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.900	2.60 ng/ul	536385	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	76
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	76
3	5-Azido-4,7-dimethoxy-2H-1,3-ben...	223	C9H9N3O4	1000443-78-1	64
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53





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Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

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Quant Title : SVOA CALIBRATION

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

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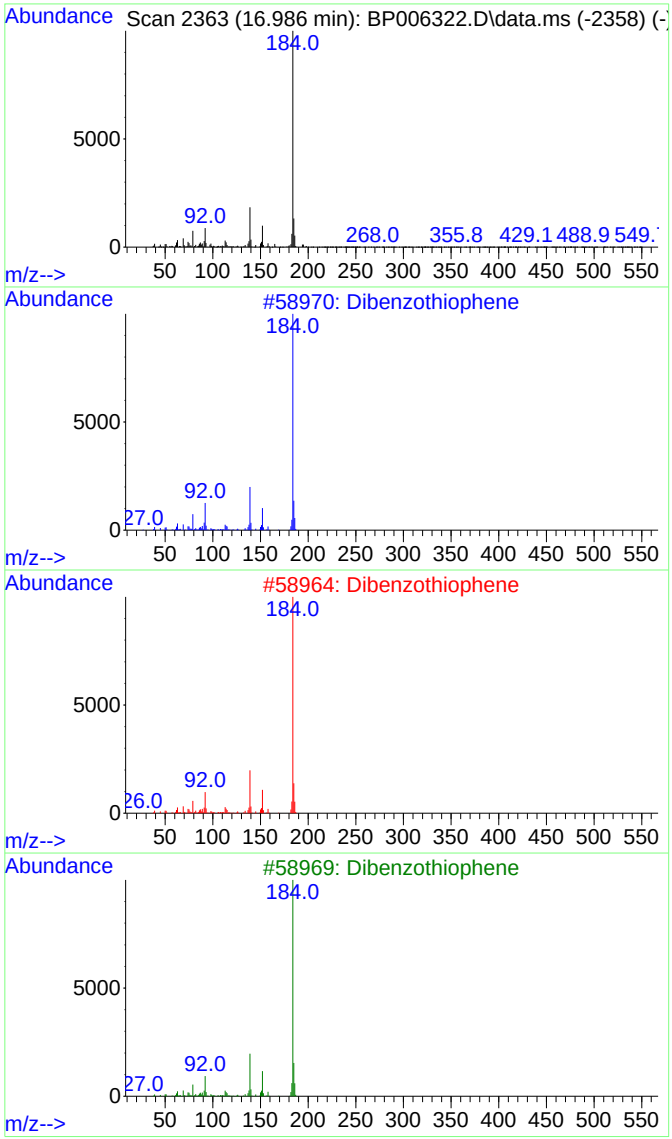
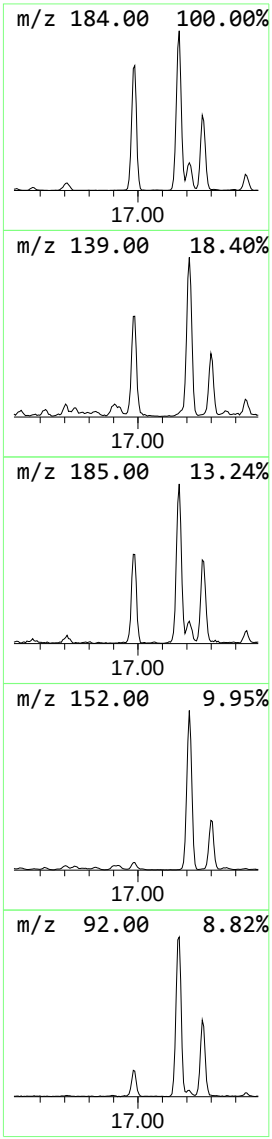
Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	2.98 ng/ul	615508	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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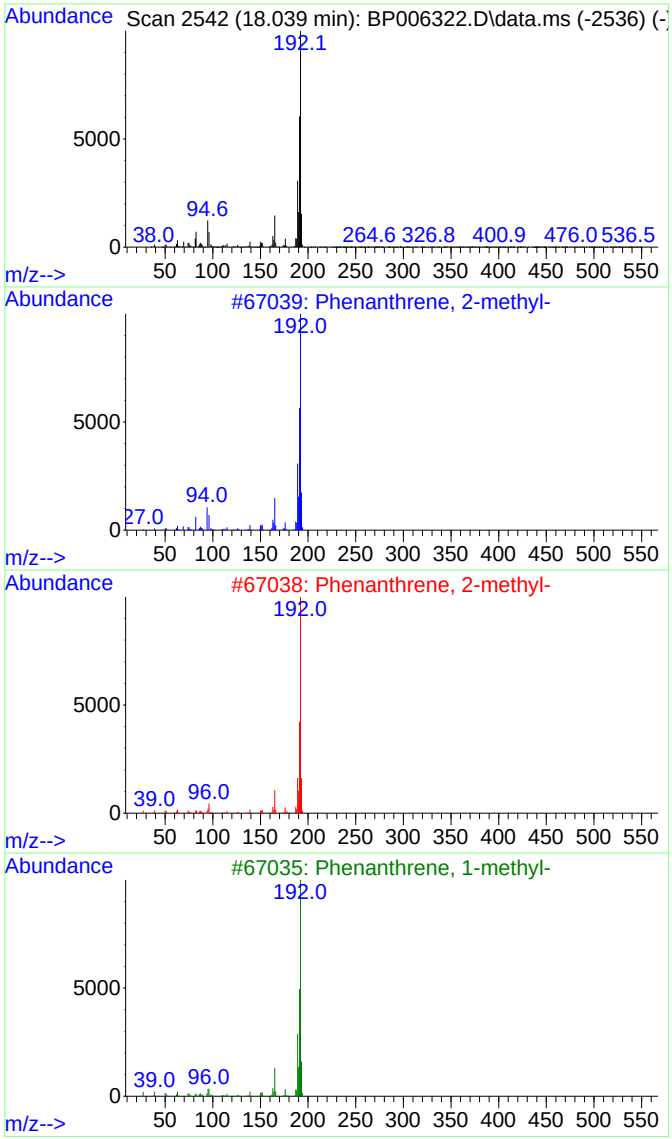
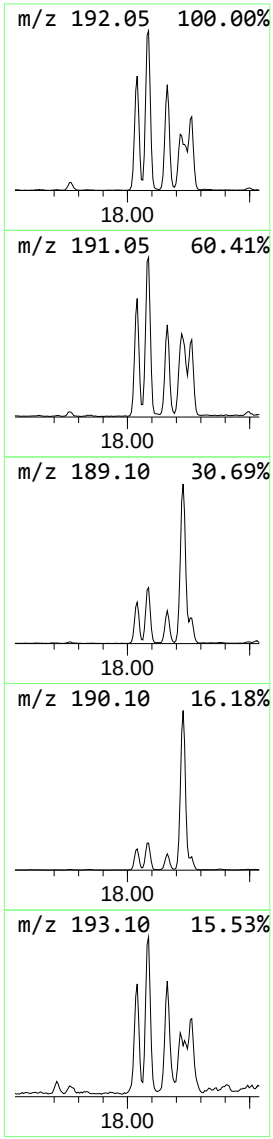
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	5.11 ng/ul	1054990	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

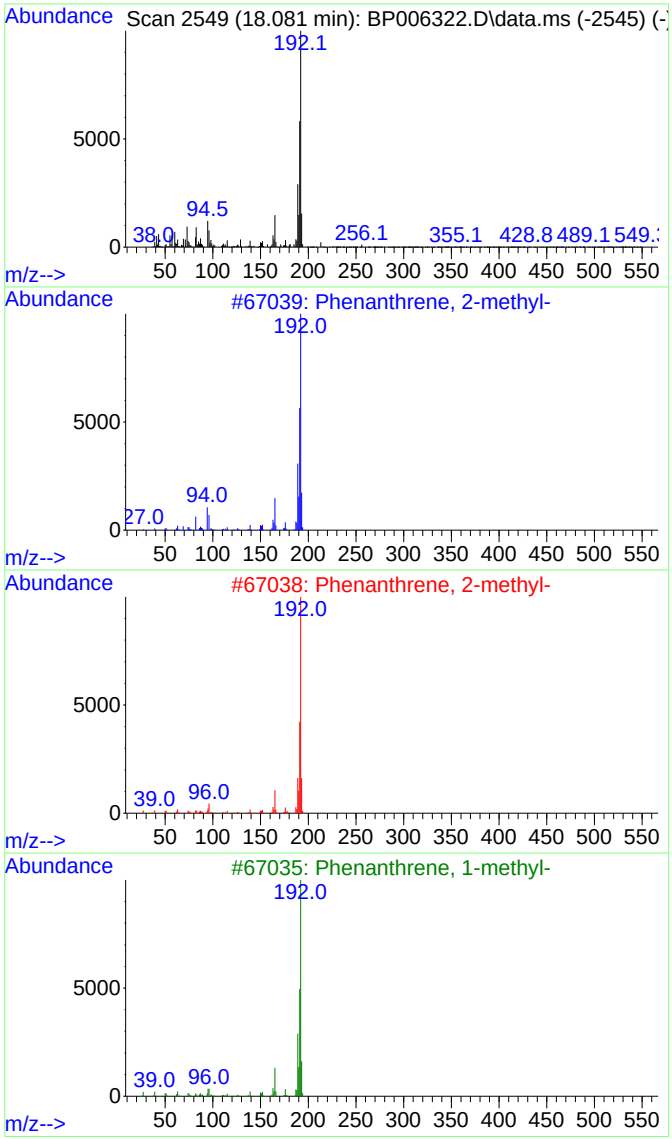
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

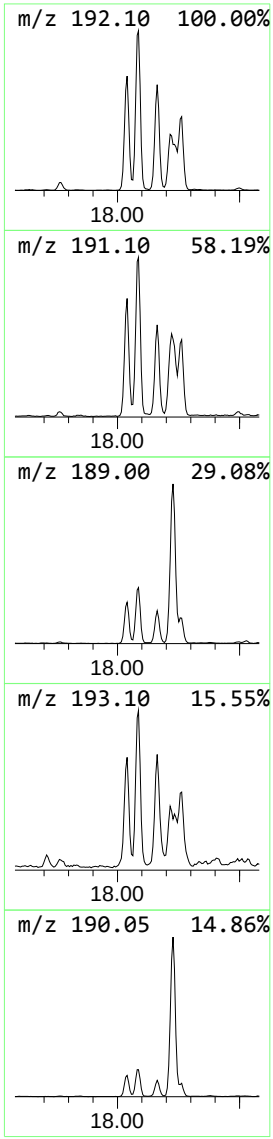
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	10.34 ng/ul	2134450	Phenanthrene-d10	17.169

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





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Misc :
ALS Vial : 24 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

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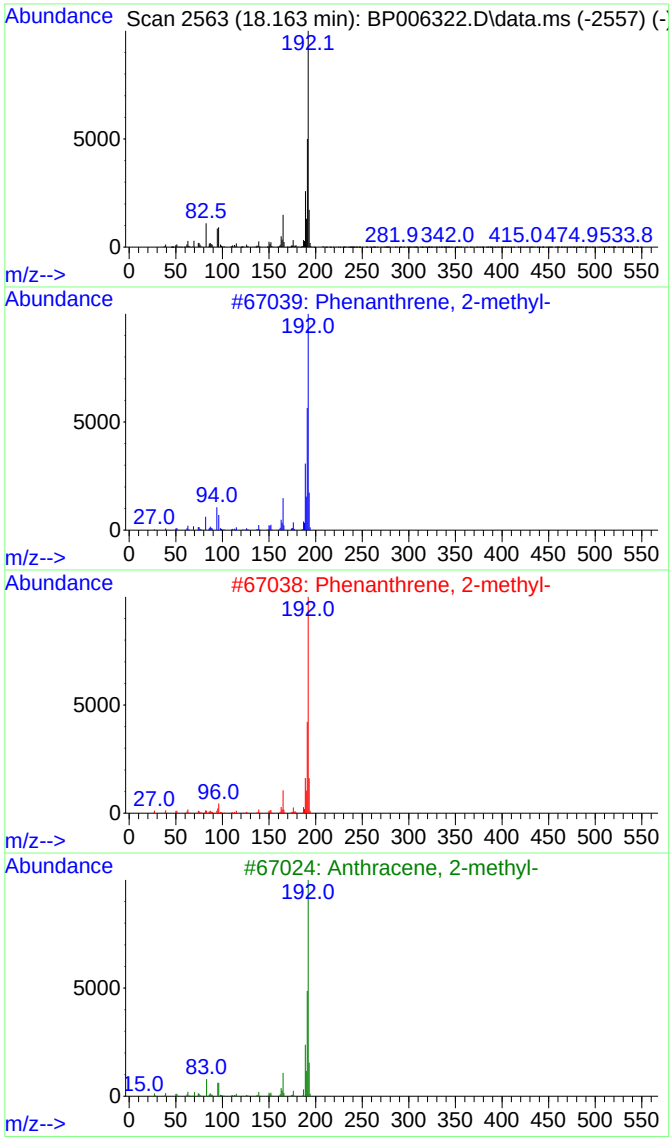
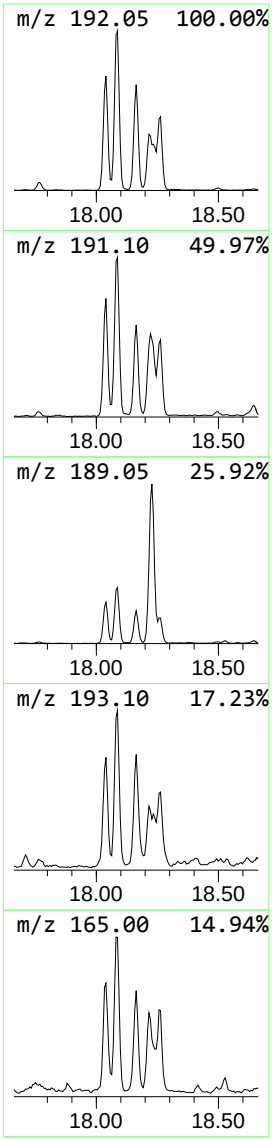
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	4.63 ng/ul	955032	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Misc :
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ClientSampleId : BGEB3

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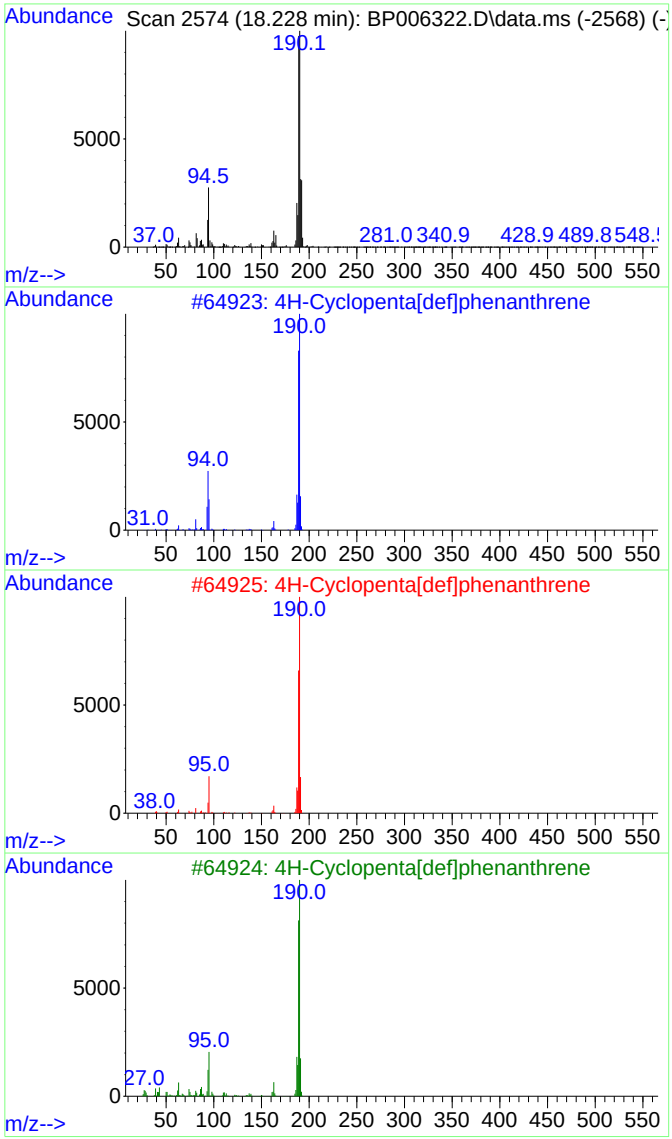
Quant Title : SVOA CALIBRATION

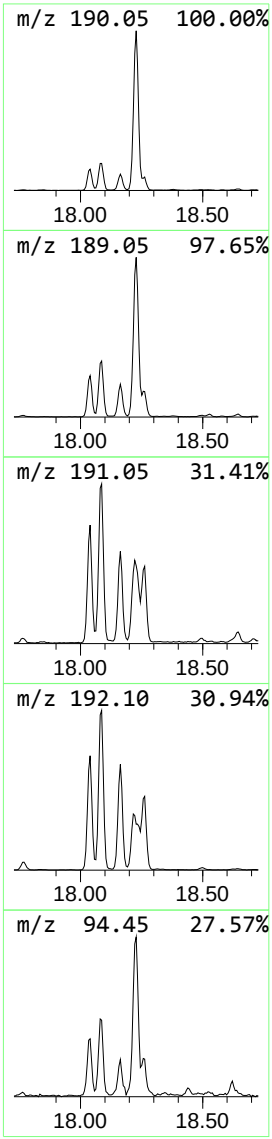
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	10.12 ng/ul	2088200	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	30





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Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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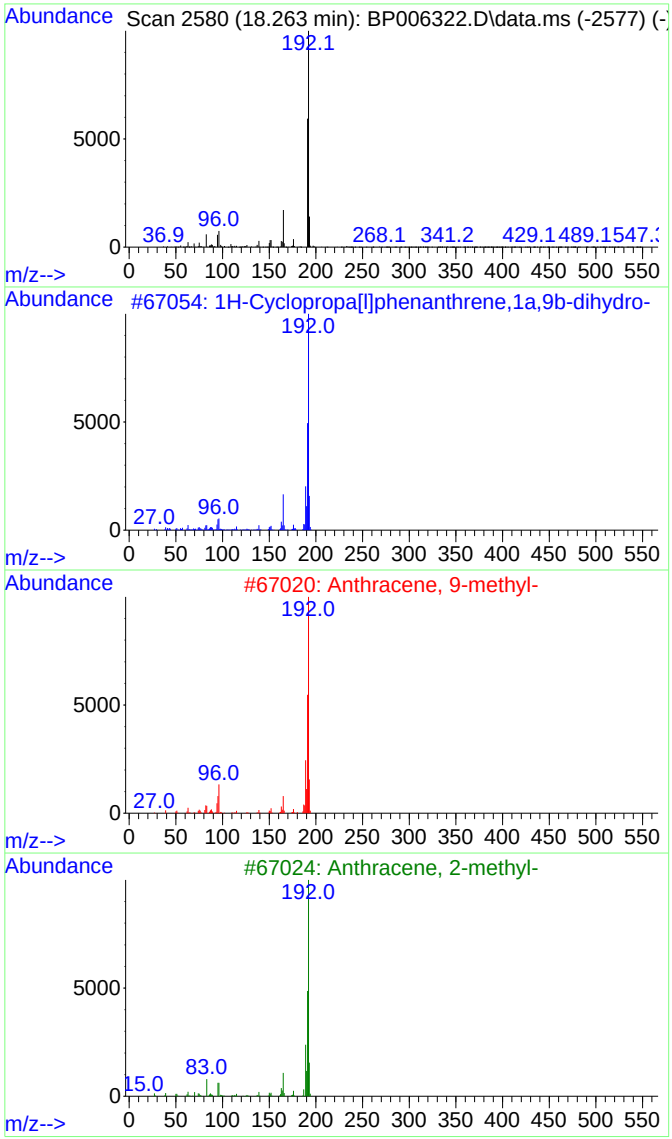
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

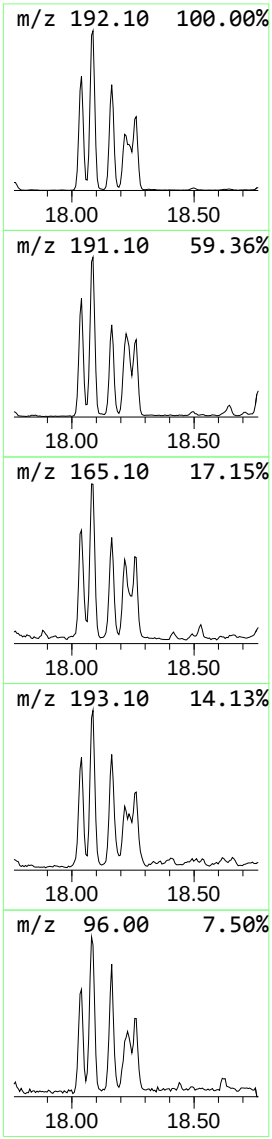
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	3.36 ng/ul	693613	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Sample : M2973-05
Misc :
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Instrument : BNA_P
ClientSampleId : BGEB3

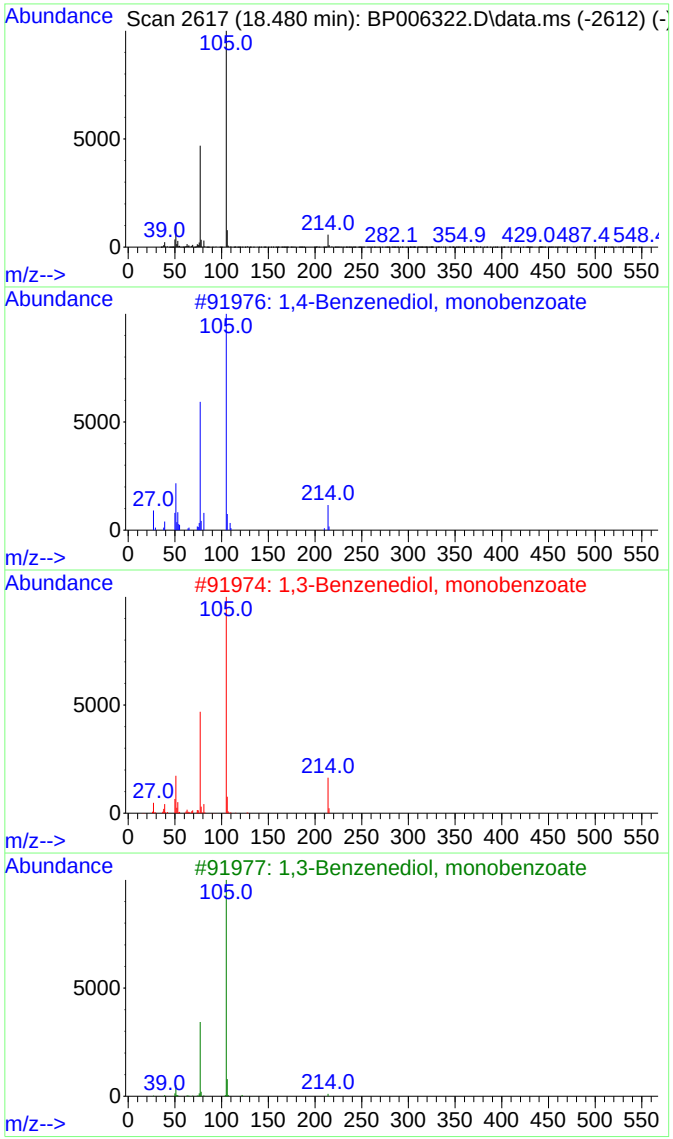
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

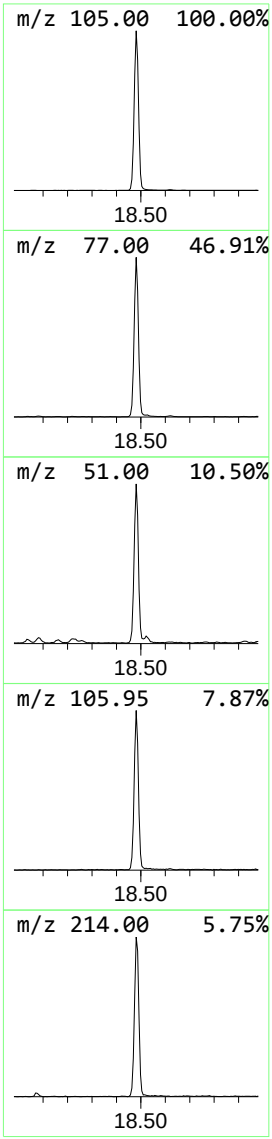
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,4-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	16.25 ng/ul	3353530	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
3	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
4	4-(Benzoyloxy)benzoic acid	242	C14H10O4	028547-23-1	80
5	S-Phenyl benzothioate	214	C13H10OS	000884-09-3	78





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Misc :
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Instrument : BNA_P
ClientSampleId : BGEB3

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Quant Title : SVOA CALIBRATION

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

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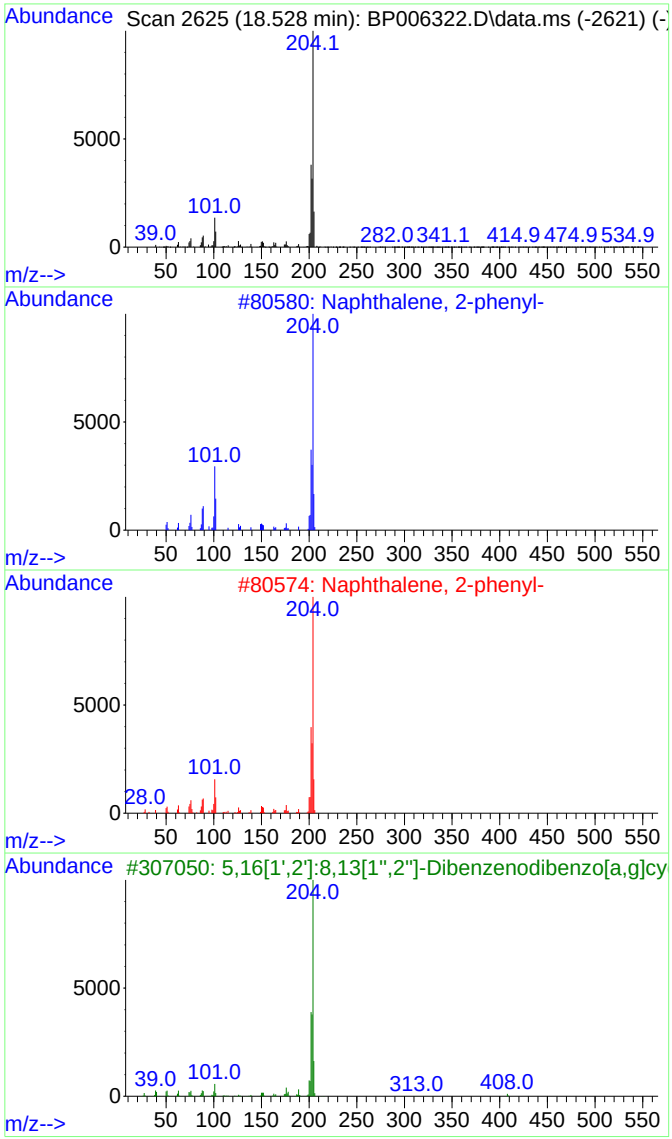
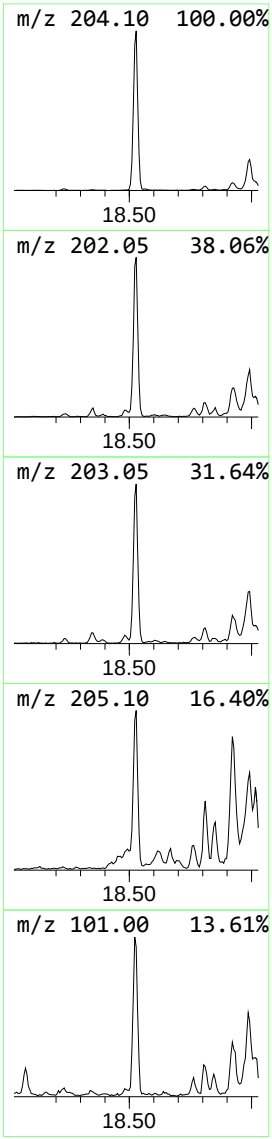
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.530	4.04 ng/ul	834071	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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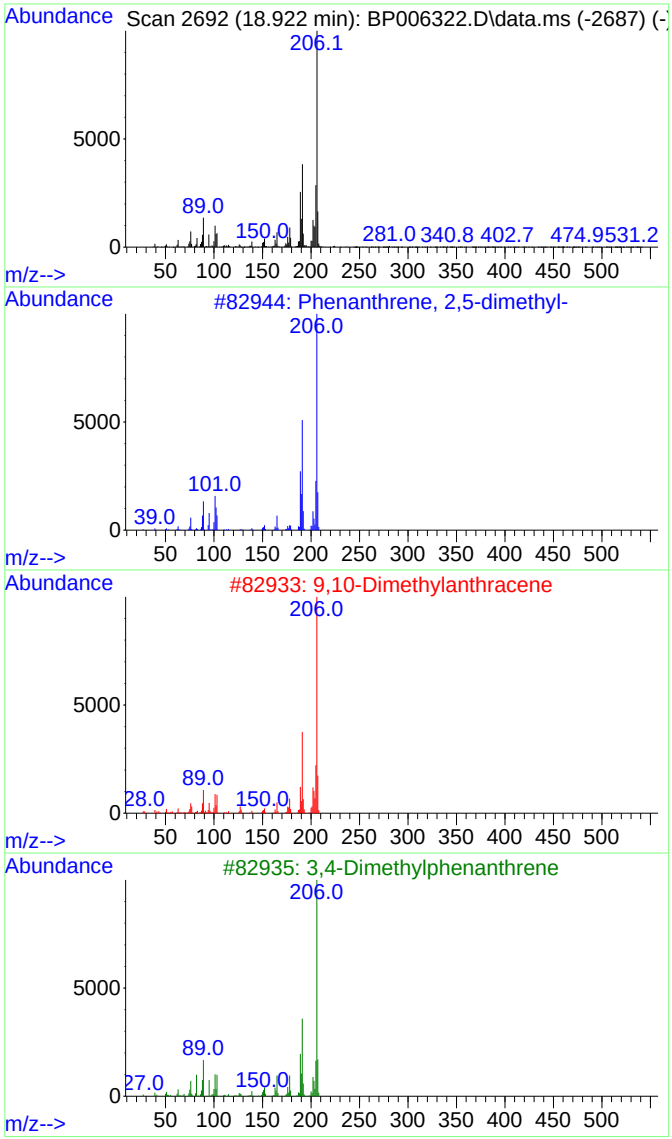
Quant Title : SVOA CALIBRATION

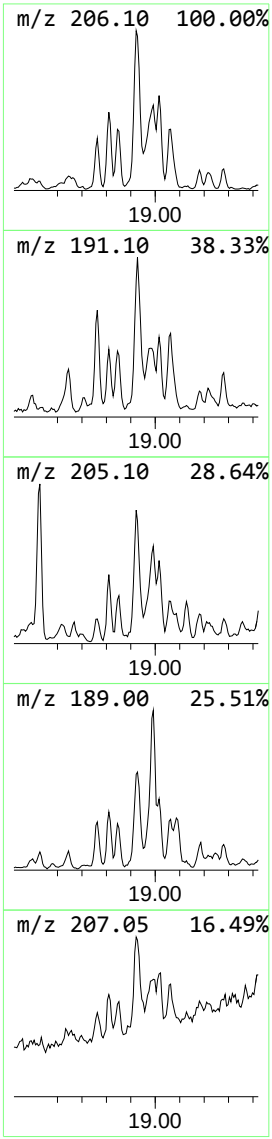
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.920	3.24 ng/ul	668863	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	94





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Quant Title : SVOA CALIBRATION

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

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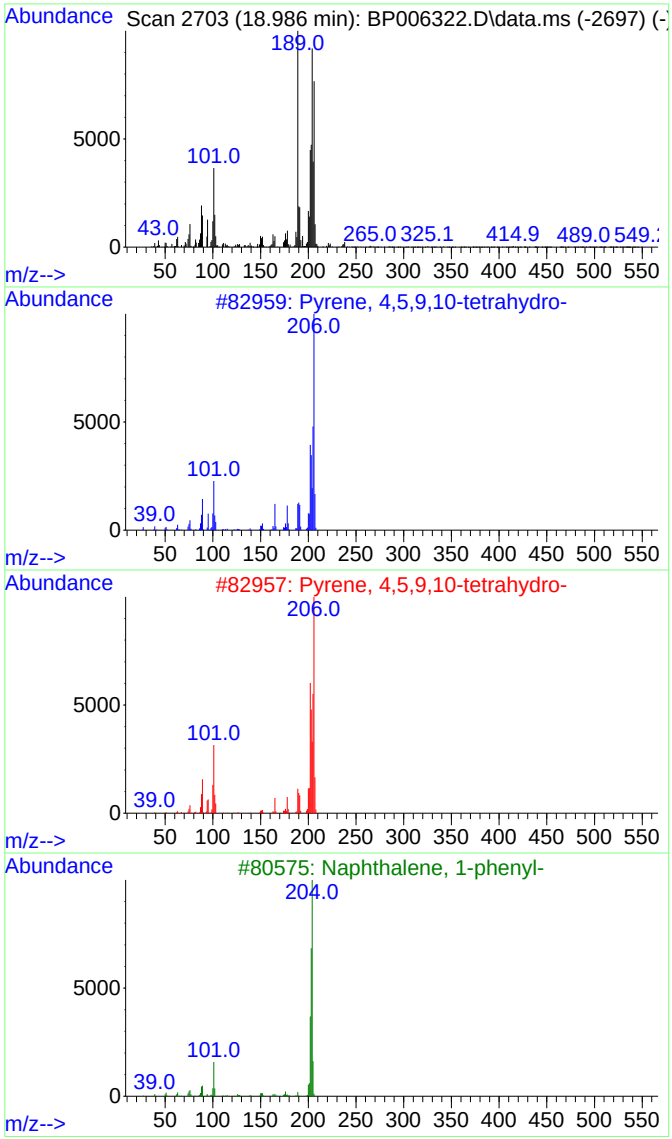
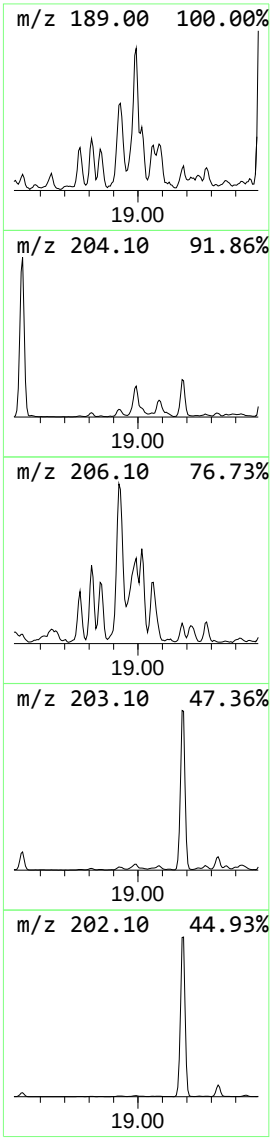
Peak Number 15 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	2.29 ng/ul	472921	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	49
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
4	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	35
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	35





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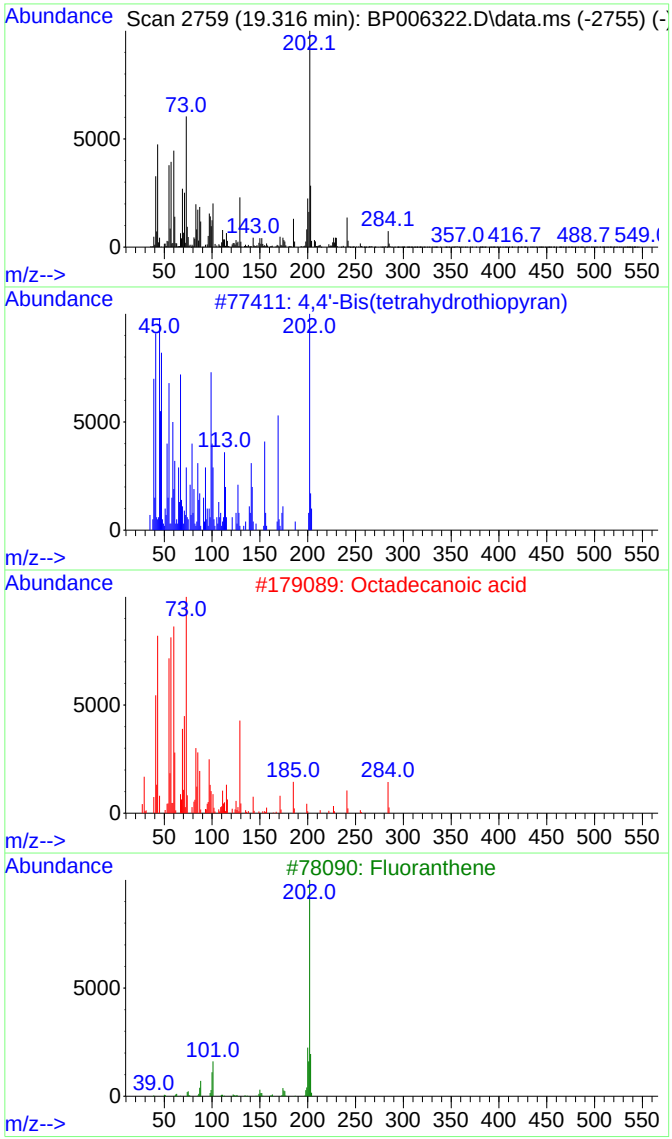
Quant Title : SVOA CALIBRATION

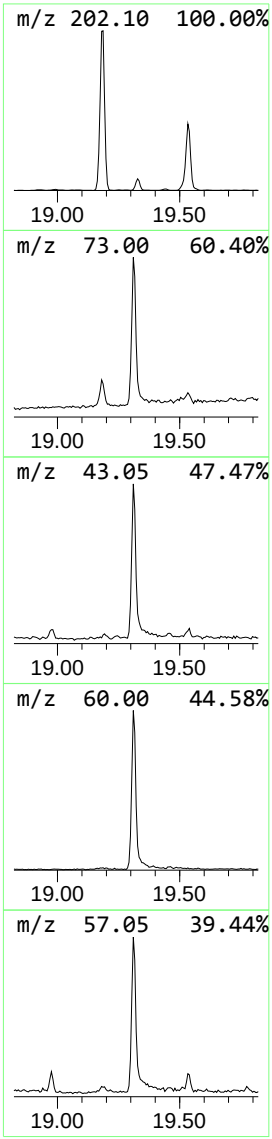
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.320	2.33 ng/ul	1155920	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Fluoranthene	202	C16H10	000206-44-0	86
4	Pyrene	202	C16H10	000129-00-0	55
5	Fluoranthene	202	C16H10	000206-44-0	46





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

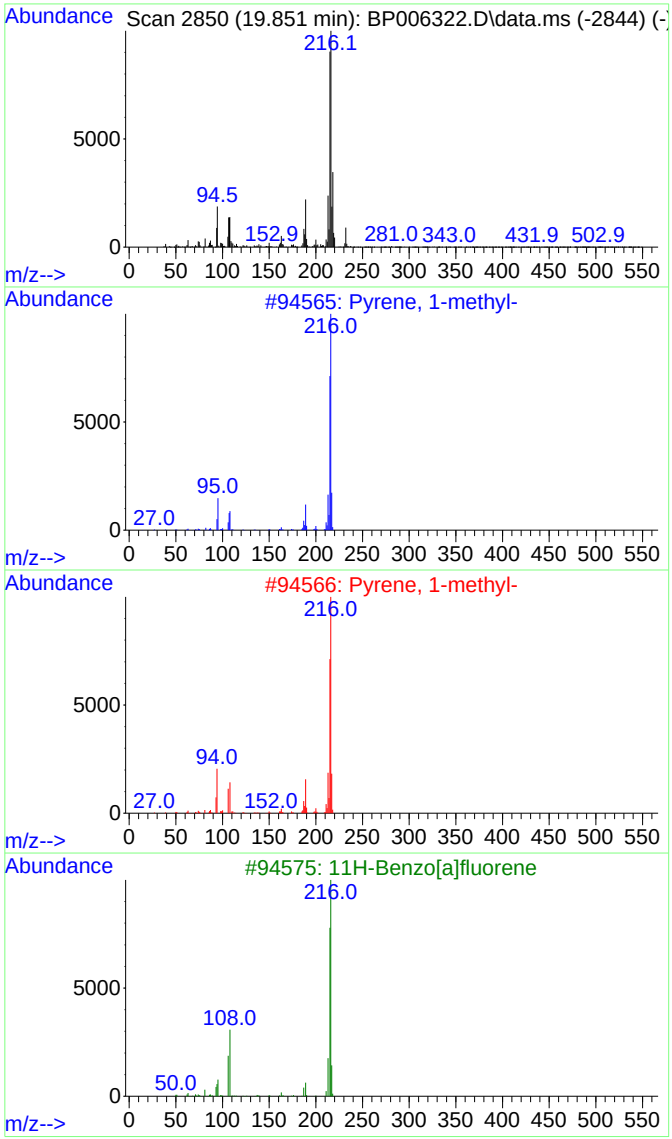
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

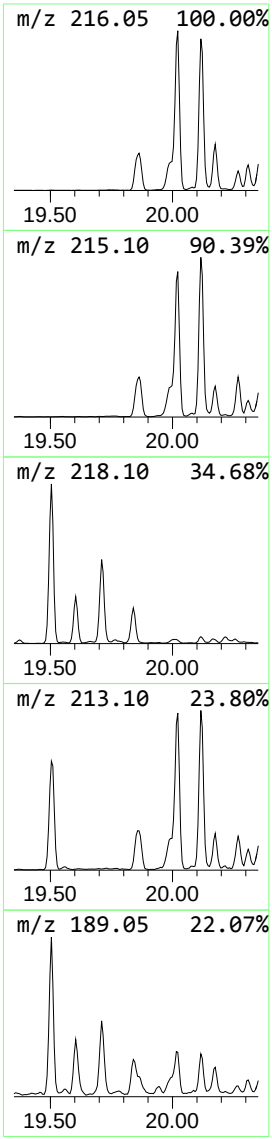
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.850	2.30 ng/ul	1137370	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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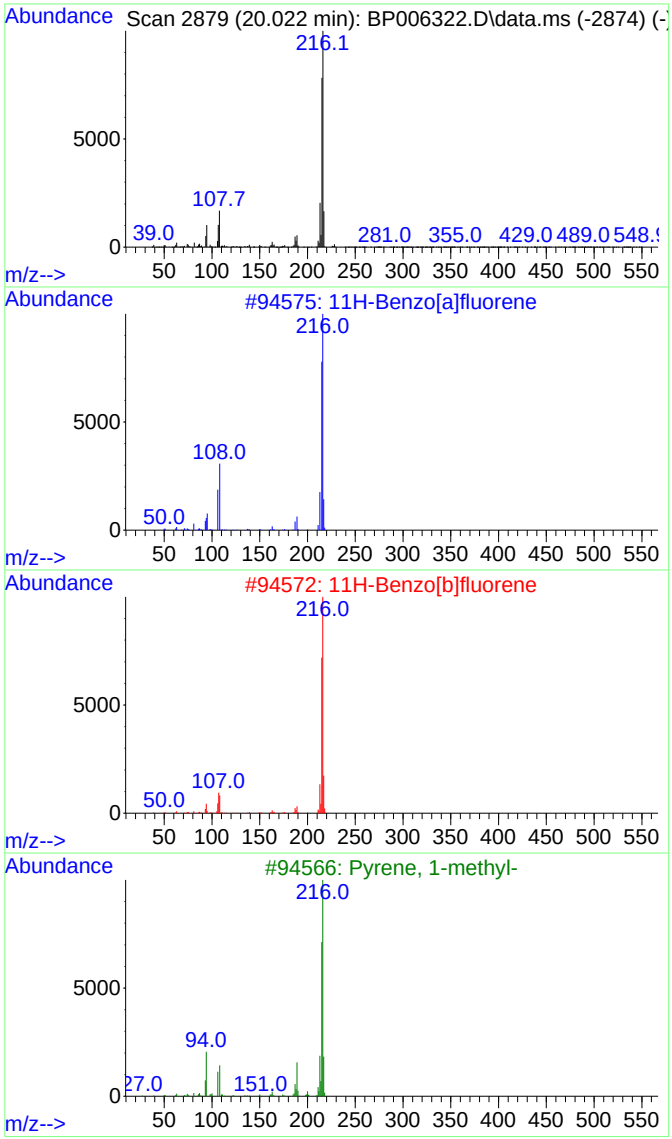
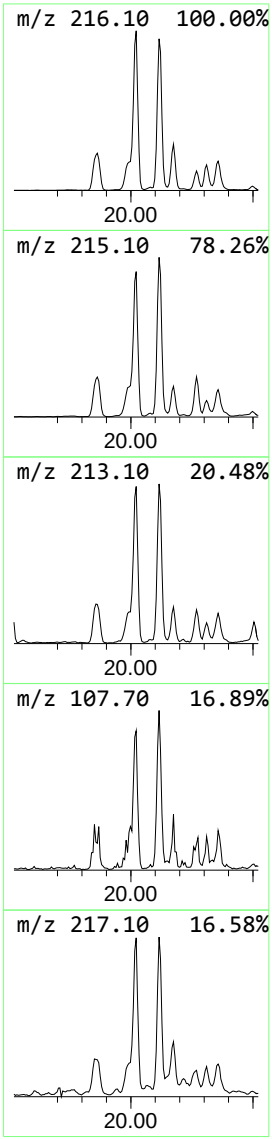
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.020	4.24 ng/ul	2099950	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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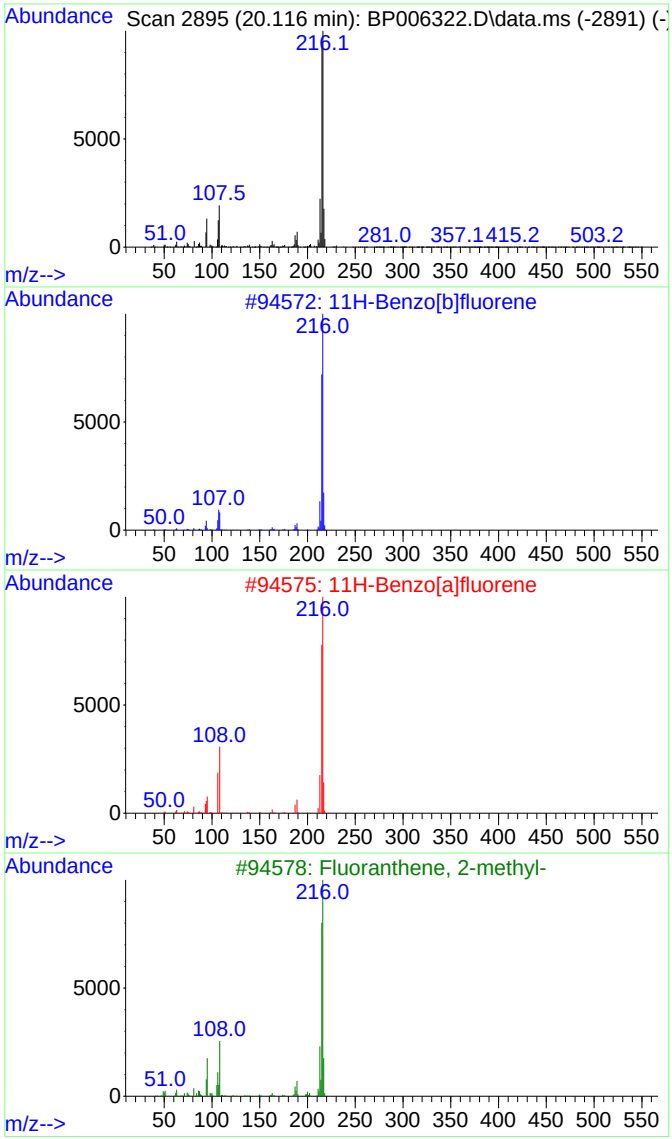
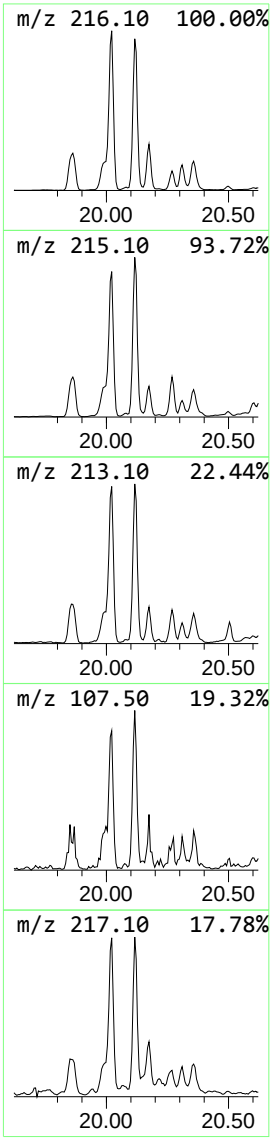
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.120	3.82 ng/ul	1891340	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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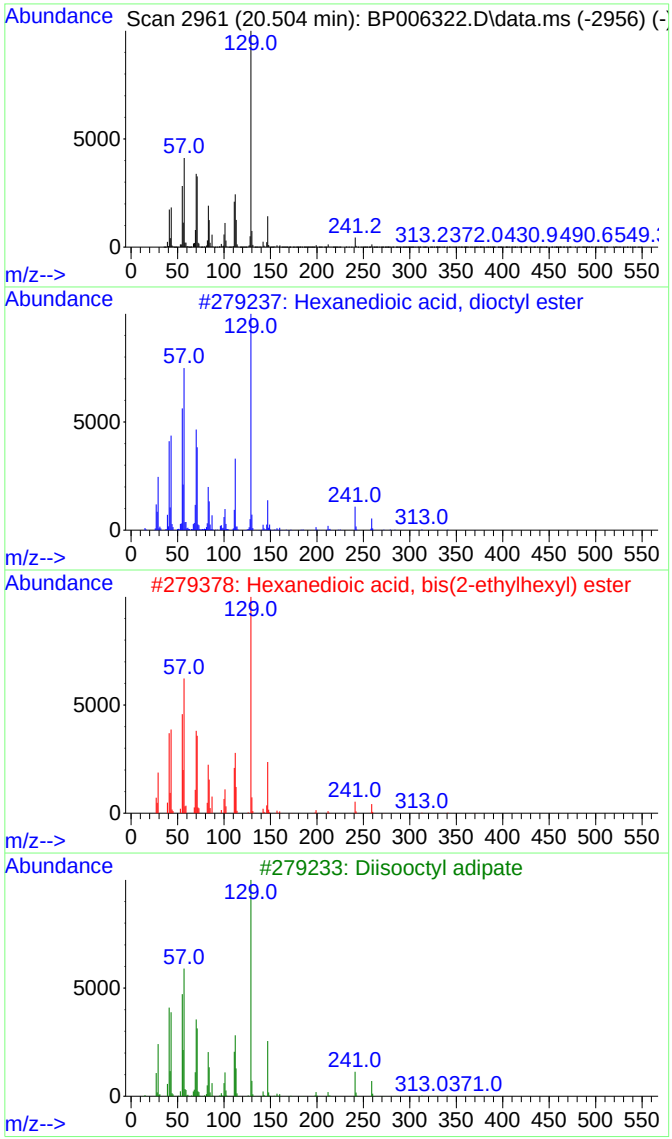
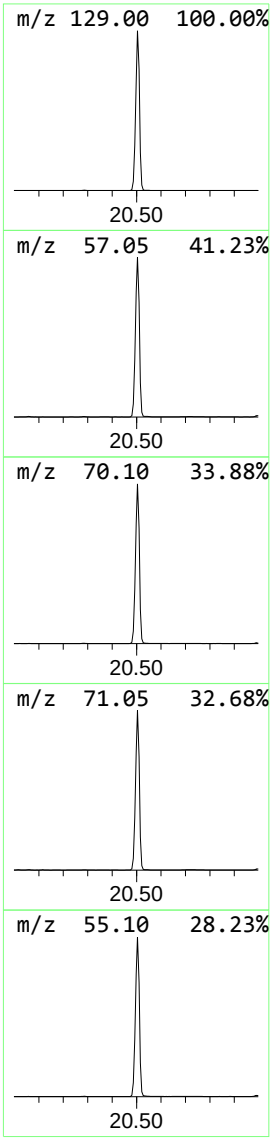
Peak Number 20 Hexanedioic acid, dioctyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.500	66.42 ng/ul	32888300	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	96
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	95
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	95
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	95
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	94





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Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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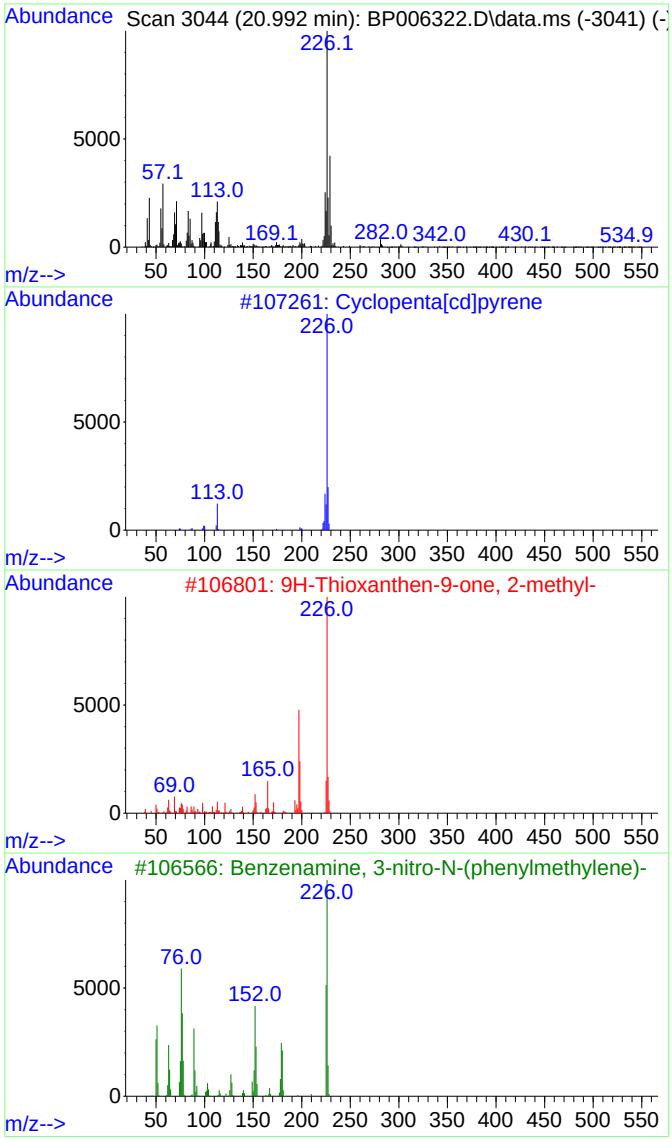
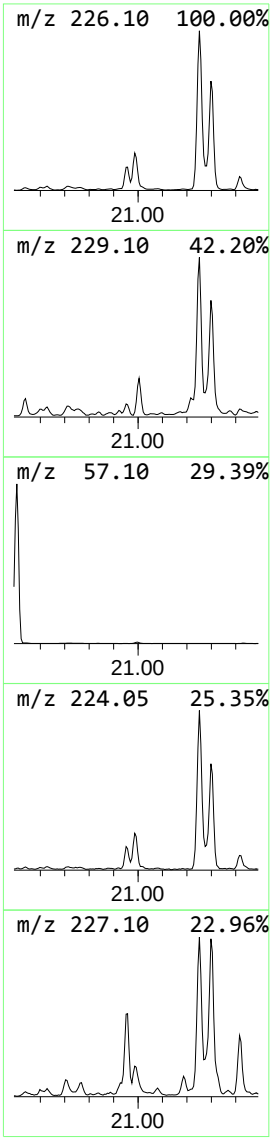
Peak Number 21 Cyclopenta[cd]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.990	2.01 ng/ul	996274	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
3	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	35
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35





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Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

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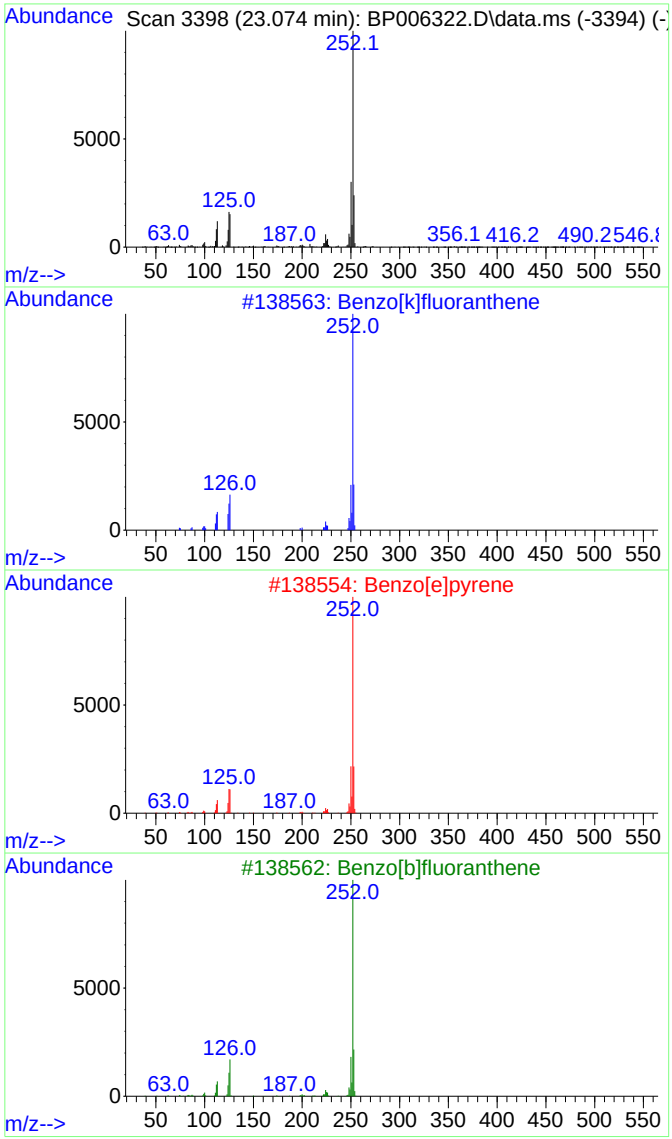
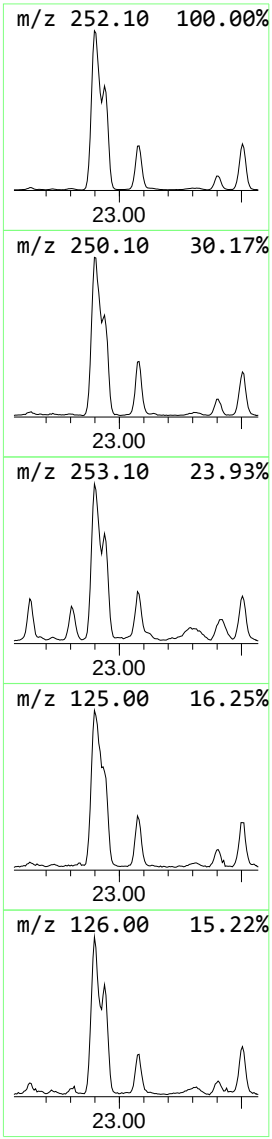
Peak Number 22 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.070	4.37 ng/ul	887000	Perylene-d12	23.610

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006322.D
Acq On : 25 Jul 2021 00:46
Operator : CG/JU
Sample : M2973-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.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
Naphthalene, 2,...	13.730	2.4	ng/ul	445693	3	14.416	3716170	20.0
Dibenzofuran, 4...	15.760	2.7	ng/ul	498320	3	14.416	3716170	20.0
9H-Fluoren-9-ol	15.900	3.7	ng/ul	767505	4	17.169	4127490	20.0
9H-Fluorene, 1-...	16.470	2.6	ng/ul	546704	4	17.169	4127490	20.0
3'-Methyl-[1,1'...	16.900	2.6	ng/ul	536385	4	17.169	4127490	20.0
Dibenzothiophene	16.990	3.0	ng/ul	615508	4	17.169	4127490	20.0
Phenanthrene, 2...	18.040	5.1	ng/ul	1054990	4	17.169	4127490	20.0
Phenanthrene, 1...	18.080	10.3	ng/ul	2134450	4	17.169	4127490	20.0
Anthracene, 2-m...	18.160	4.6	ng/ul	955032	4	17.169	4127490	20.0
4H-Cyclopenta[d...	18.230	10.1	ng/ul	2088200	4	17.169	4127490	20.0
1H-Cyclopropa[l...	18.260	3.4	ng/ul	693613	4	17.169	4127490	20.0
1,4-Benzenediol...	18.480	16.3	ng/ul	3353530	4	17.169	4127490	20.0
Naphthalene, 2-...	18.530	4.0	ng/ul	834071	4	17.169	4127490	20.0
Phenanthrene, 2...	18.920	3.2	ng/ul	668863	4	17.169	4127490	20.0
unknown-01	18.990	2.3	ng/ul	472921	4	17.169	4127490	20.0
4,4'-Bis(tetrah...	19.320	2.3	ng/ul	1155920	5	21.263	9902750	20.0
Pyrene, 1-methyl-	19.850	2.3	ng/ul	1137370	5	21.263	9902750	20.0
11H-Benzo[a]flu...	20.020	4.2	ng/ul	2099950	5	21.263	9902750	20.0
11H-Benzo[b]flu...	20.120	3.8	ng/ul	1891340	5	21.263	9902750	20.0
Hexanedioic aci...	20.500	66.4	ng/ul	32888300	5	21.263	9902750	20.0
Cyclopenta[cd]p...	20.990	2.0	ng/ul	996274	5	21.263	9902750	20.0
Benzo[e]pyrene	23.070	4.4	ng/ul	887000	6	23.610	4062780	20.0