LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BE6

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.875	649	661	677	rVV	620441	1167117	3.72%	0.373%
2	7.005	677	683	694	rVV	475596	796991	2.54%	0.255%
3	7.210	711	718	728	rBV	716555	1147418	3.66%	0.367%
4	7.657	787	794	802	rBV	731188	1175954	3.75%	0.376%
5	8.387	911	918	928	rBV	720870	1338581	4.27%	0.428%
6	8.816	984	991	1009	rBV	574682	1112345	3.55%	0.355%
7	9.534	1105	1113	1125	rBV	503948	968308	3.09%	0.309%
8	10.081	1198	1206	1226	rBV	817741	1530040	4.88%	0.489%
9	10.434	1259	1266	1271	rBV	1038621	1735154	5.53%	0.554%
10	10.481	1271	1274	1285	rVB	449723	678699	2.16%	0.217%
11	10.598	1286	1294	1310	rBV	181550	461772	1.47%	0.148%
12	11.181	1386	1393	1403	rBV	147225	299820	0.96%	0.096%
13	12.104	1544	1550	1558	rBV	274424	436784	1.39%	0.140%
14	12.316	1580	1586	1597	rVB	220096	395909	1.26%	0.127%
15	13.475	1774	1783	1791	rBV2	99310	289090	0.92%	0.092%
16	13.616	1800	1807	1812	rBV	230185	402765	1.28%	0.129%
17	13.710	1818	1823	1829	rVV	1455159	2111456	6.73%	0.675%
18	13.998	1861	1872	1888	rBV2	1858176	3076011	9.81%	0.983%
19	14.304	1912	1924	1930	rBV	1598301	2485122	7.93%	0.794%
20	14.369	1930	1935	1942	rVV	1289938	1995345	6.36%	0.638%
21	14.522	1954	1961	1968	rVB6	123766	315469	1.01%	0.101%
22	14.598	1968	1974	1985	rBV2	453400	1126480	3.59%	0.360%
23	14.716	1988	1994	1999	rVV	948690	1495455	4.77%	0.478%
24	15.322	2090	2097	2101	rVV	2133830	3301153	10.53%	1.055%
25	15.375	2101	2106	2117	rVV	1530603	2250148	7.18%	0.719%
26	15.481	2117	2124	2130	rVV2	672526	1264034	4.03%	0.404%
27	15.534	2130	2133	2137	rVV	255759	428335	1.37%	0.137%
28	15.581	2137	2141	2145	rVV4	191418	374421	1.19%	0.120%
29	15.669	2152	2156	2163	rVB	365496	621692	1.98%	0.199%
30	15.828	2178	2183	2190	rVV	508793	929851	2.97%	0.297%
31	16.075	2214	2225	2235	rVB7	145050	480897	1.53%	0.154%
32	16.398	2273	2280	2285	rVB4	321696	670323	2.14%	0.214%
33	16.633	2317	2320	2324	rVV3	221075	303908	0.97%	0.097%
34	16.775	2338	2344	2350	rVB	837010	1214066	3.87%	0.388%
35	16.857	2350	2358	2363	rBV3	325732	815899	2.60%	0.261%
36	16.928	2365	2370	2378	rVB	1170632	1668759	5.32%	0.533%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	17.116	2396	2402	2405	rBV	1816345	2889292	9.21%	0.923%
38	17.169	2405	2411	2416	rVV	15218015	25543267	81.46%	8.162%
39	17.222	2416	2420	2423	rVV	2479435	3918129	12.50%	1.252%
40	17.257	2423	2426	2431	rVV	3924262	5623849	17.94%	1.797%
41	17.322	2431	2437	2442	rVV	450602	825862	2.63%	0.264%
42	17.545	2465	2475	2484	rBV2	1759674	3666882	11.69%	1.172%
43	17.651	2489	2493	2500	rVV4	298325	585017	1.87%	0.187%
44	17.722	2500	2505	2513	rVB4	394806	953182	3.04%	0.305%
45	17.851	2521	2527	2535	rVB3	233979	578271	1.84%	0.185%
46	18.022	2547	2556	2558	rBV	1814133	2994028	9.55%	0.957%
47	18.051	2558	2561	2562	rVV2	986954	1305795	4.16%	0.417%
48	18.075	2562	2565	2571	rVV	2666007	3940530	12.57%	1.259%
49	18.157	2575	2579	2584	rVB	916943	1279192	4.08%	0.409%
50	18.227	2584	2591	2594	rBV3	3103412	5457092	17.40%	1.744%
51	18.263	2594	2597	2604	rVB	1416485	1994624	6.36%	0.637%
52	18.351	2605	2612	2616	rBV2	350538	661484	2.11%	0.211%
53	18.398	2616	2620	2623	rBV	284489	371105	1.18%	0.119%
54	18.439	2624	2627	2632	rBV3	182524	291067	0.93%	0.093%
55	18.539	2640	2644	2650	rVV	1754722	2129212	6.79%	0.680%
56	18.598	2650	2654	2661	rVB	1863853	2652866	8.46%	0.848%
57	18.804	2682	2689	2694	rBV3	552756	978483	3.12%	0.313%
58	18.851	2694	2697	2700	rVV	468338	575028	1.83%	0.184%
59	18.892	2700	2704	2709	rVV2	388245	546733	1.74%	0.175%
60	18.974	2713	2718	2722	rVV	889421	1575100	5.02%	0.503%
61	19.033	2725	2728	2734	rVV4	594268	1438850	4.59%	0.460%
62	19.080	2734	2736	2739	rVV	401168	379489	1.21%	0.121%
63	19.145	2739	2747	2753	rVV2	1002764	1935289	6.17%	0.618%
64	19.269	2760	2768	2773	rBV	20286949	31355158	100.00%	10.020%
65	19.322	2774	2777	2780	rVB	299641	313048	1.00%	0.100%
66	19.357	2780	2783	2786	rBV2	466239	717800	2.29%	0.229%
67	19.510	2806	2809	2813	rVB	480559	595710	1.90%	0.190%
68	19.610	2820	2826	2828	rBV3	6859335	9895157	31.56%	3.162%
69	19.645	2828	2832	2838	rVV	15111575	21761040	69.40%	6.954%
70	19.704	2838	2842	2850	rVB2	1111576	1734713	5.53%	0.554%
71	19.822	2857	2862	2867	rVB	1367042	1759343	5.61%	0.562%
72	19.892	2870	2874	2880	rVB	691827	1124086	3.59%	0.359%
73	19.969	2882	2887	2889	rBV	1342885	2214185	7.06%	0.708%
74	20.151	2906	2918	2923	rBV	3299059	7068510	22.54%	2.259%
75	20.257	2931	2936	2940	rBV	2483305	3504903	11.18%	1.120%
76	20.321	2940	2947	2950	rVV3	1850204	3605362	11.50%	1.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	20.357	2951	2953	2957	rVV2	839862	1058266	3.38%	0.338%
78	20.398	2957	2960	2967	rVV2	565090	927831	2.96%	0.296%
79	20.463	2967	2971	2975	rVV	979535	1541193	4.92%	0.492%
80	20.510	2975	2979	2992	rVB2	1331418	2438789	7.78%	0.779%
81	20.804	3026	3029	3033	rVB2	542380	722066	2.30%	0.231%
82	20.945	3049	3053	3060	rVB	1803396	2564795	8.18%	0.820%
83	21.133	3080	3085	3088	rBV2	1965102	2921610	9.32%	0.934%
84	21.174	3088	3092	3095	rVV	1963354	2829447	9.02%	0.904%
85	21.221	3095	3100	3109	rVV4	2288876	5334848	17.01%	1.705%
86	21.298	3109	3113	3123	rVB	1911905	3052398	9.73%	0.975%
87	21.551	3146	3156	3163	rBV2	10144773	24033713	76.65%	7.680%
88	21.616	3163	3167	3179	rVB	9431871	15361059	48.99%	4.909%
89	21.768	3188	3193	3198	rBV	1205033	2023970	6.45%	0.647%
90	21.845	3203	3206	3211	rBV3	555047	978819	3.12%	0.313%
91	22.239	3269	3273	3278	rBV2	742717	1435654	4.58%	0.459%
92	22.315	3282	3286	3291	rVB	1562362	2630197	8.39%	0.840%
93	22.386	3295	3298	3299	rBV	686916	670775	2.14%	0.214%
94	22.598	3331	3334	3338	rBV2	718737	1128908	3.60%	0.361%
95	22.780	3361	3365	3373	rVB	2176154	4261299	13.59%	1.362%
96	23.851	3537	3547	3554	rBV	5597895	19568195	62.41%	6.253%
97	24.110	3587	3591	3597	rVB	1174465	2331358	7.44%	0.745%
98	24.592	3667	3673	3679	rVB	735628	1498654	4.78%	0.479%
99	24.745	3692	3699	3710	rVB	3227227	8891547	28.36%	2.841%
100	24.892	3717	3724	3731	rBV	1117424	3128471	9.98%	1.000%

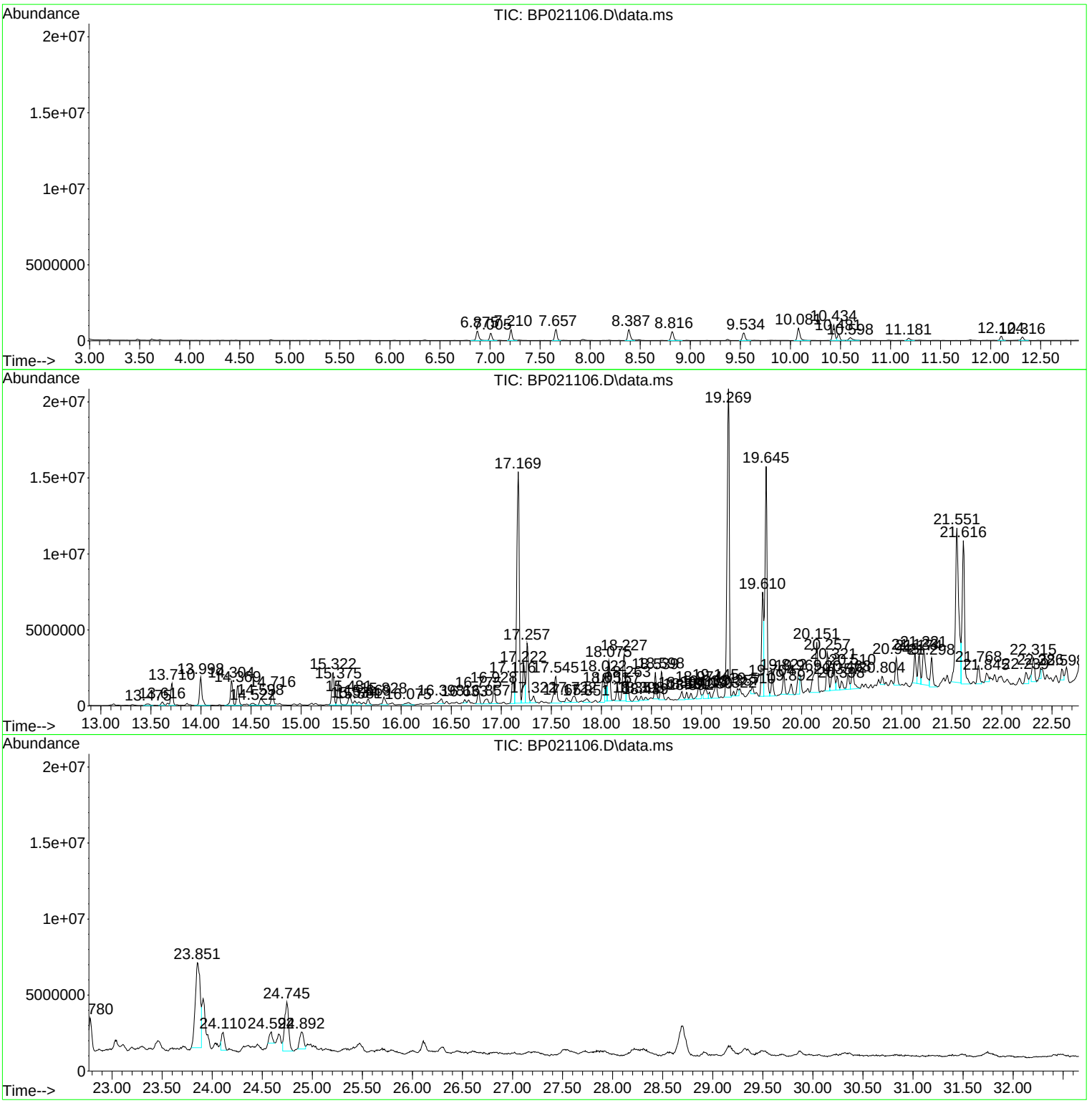
Sum of corrected areas: 312938166

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

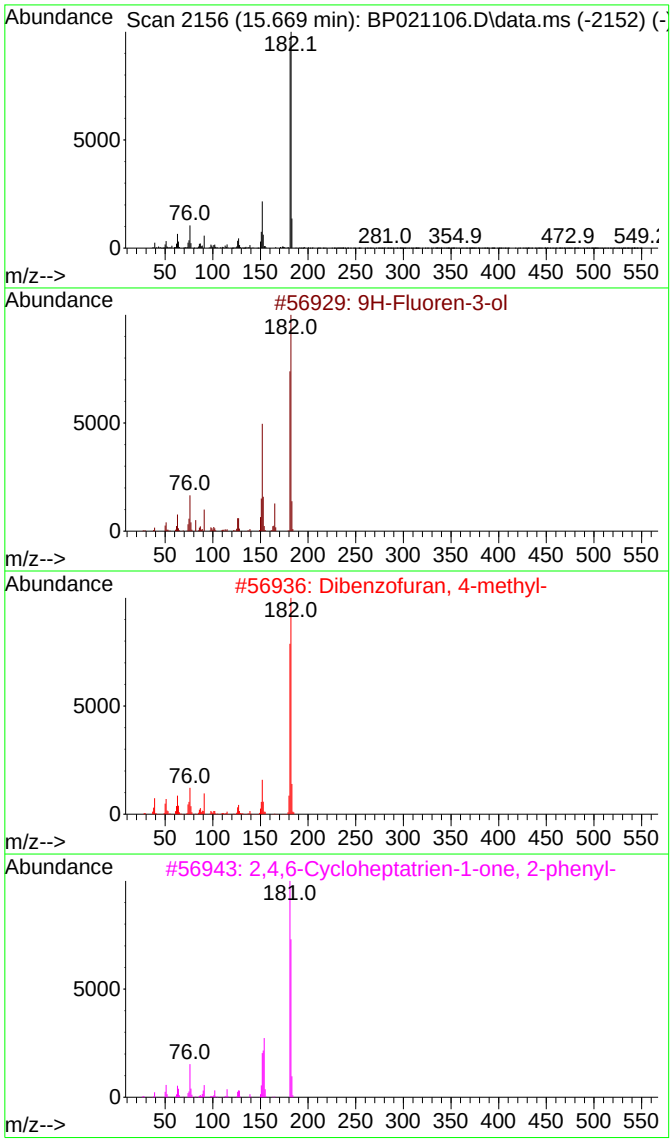
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

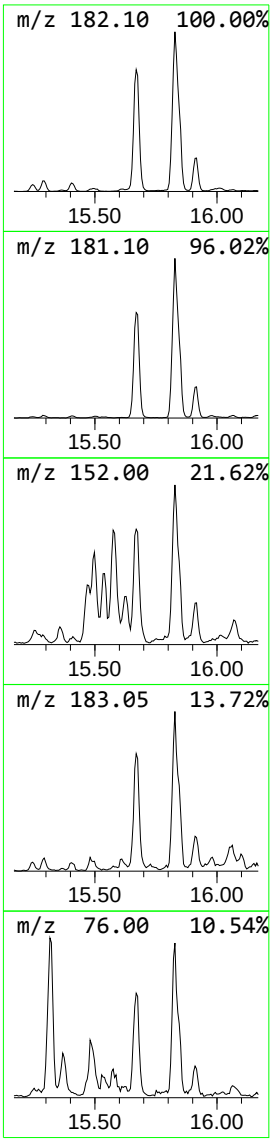
****

Peak Number 6 9H-Fluoren-3-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	5.00 ng/ul	621692	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

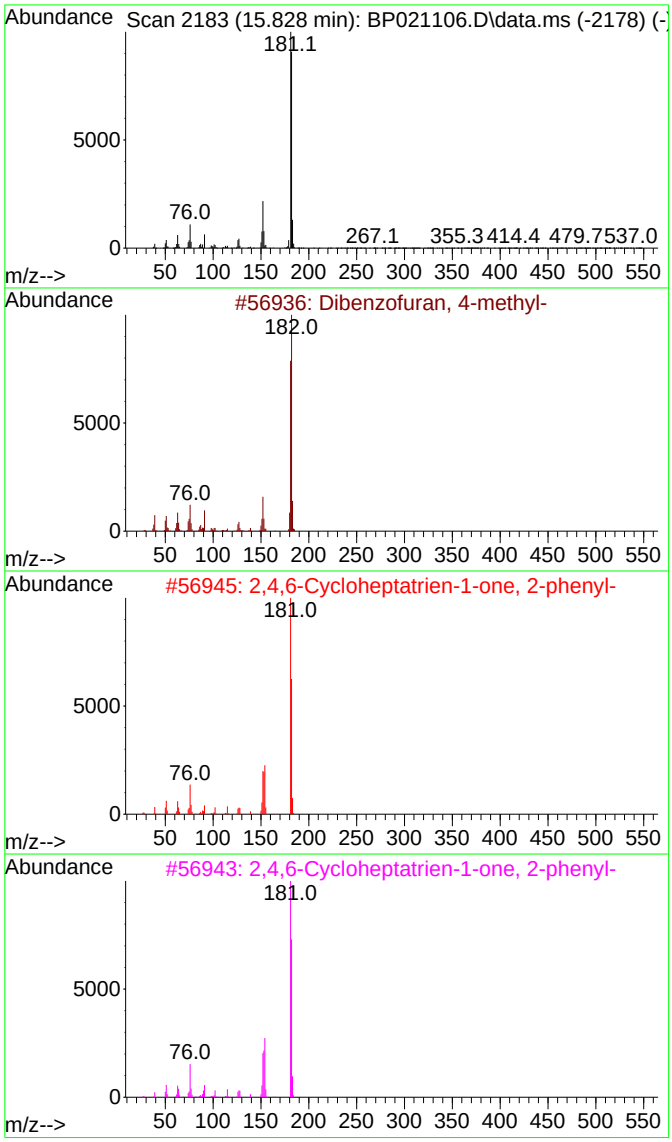
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

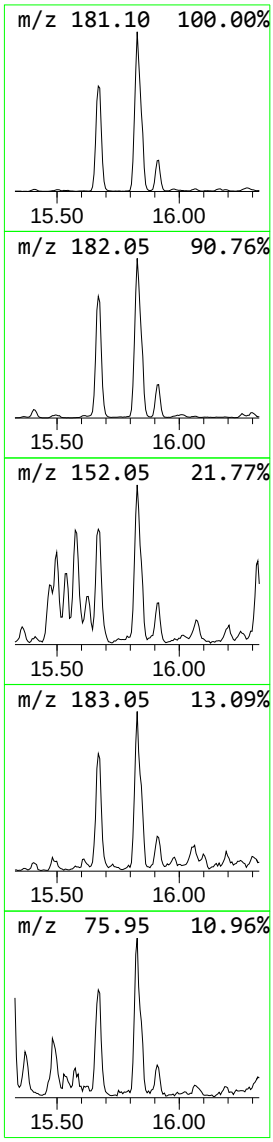
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	6.44 ng/ul	929851	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

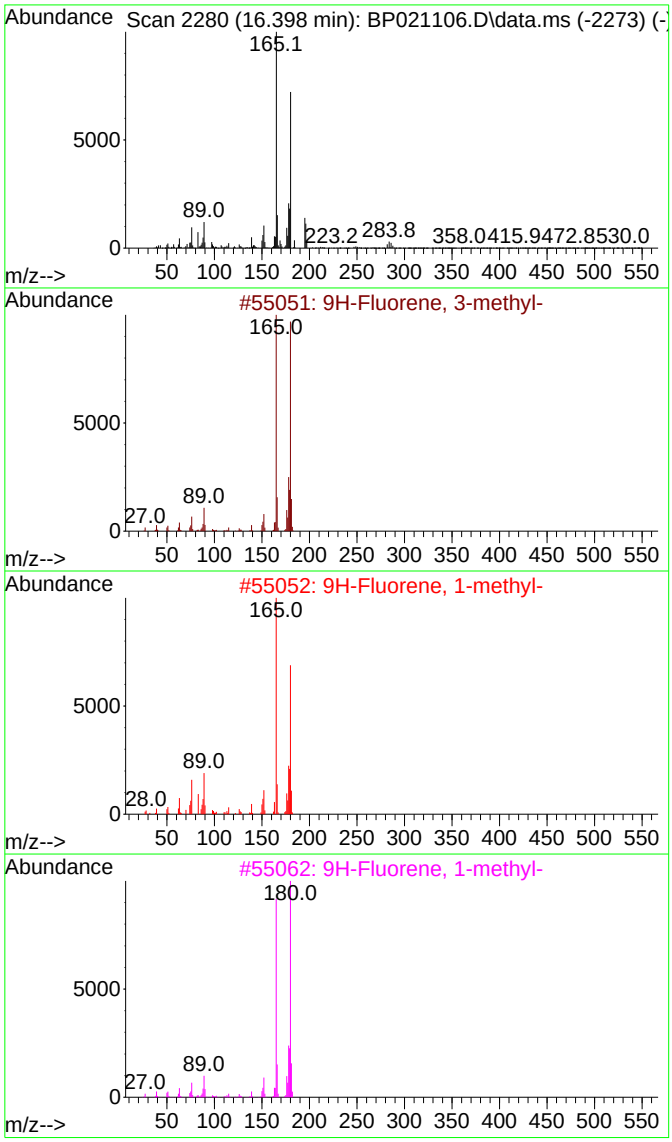
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

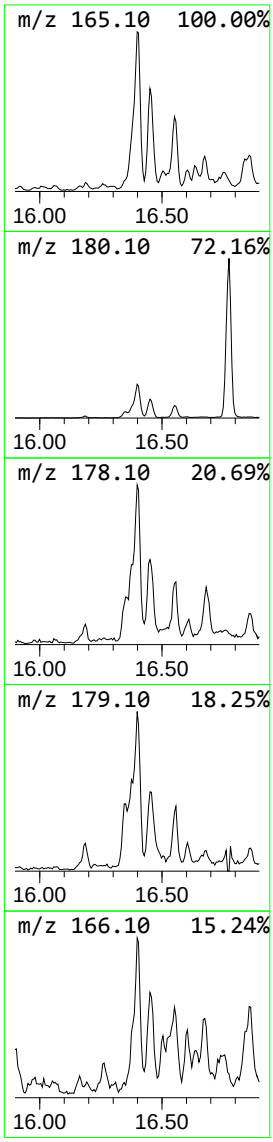
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	4.64 ng/ul	670323	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

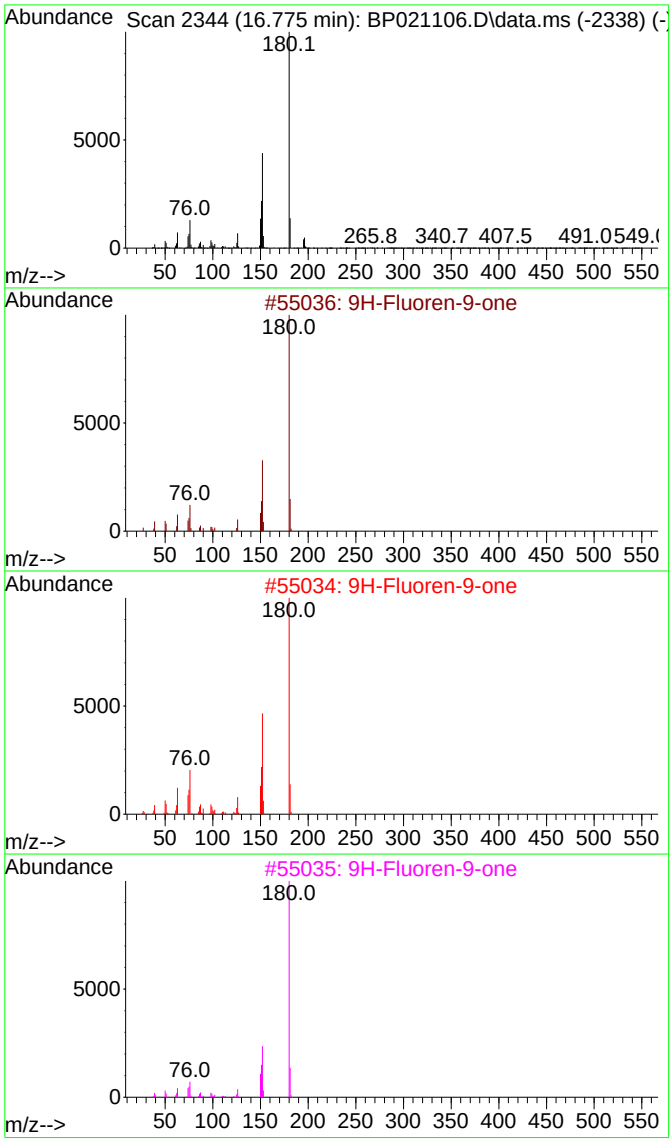
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

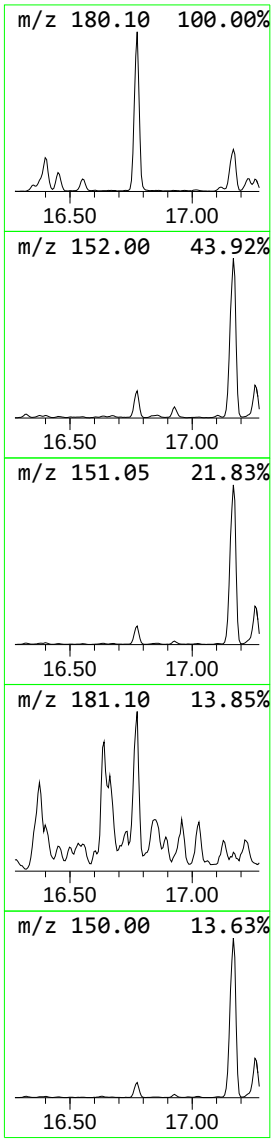
****

Peak Number 11 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	8.40 ng/ul	1214070	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

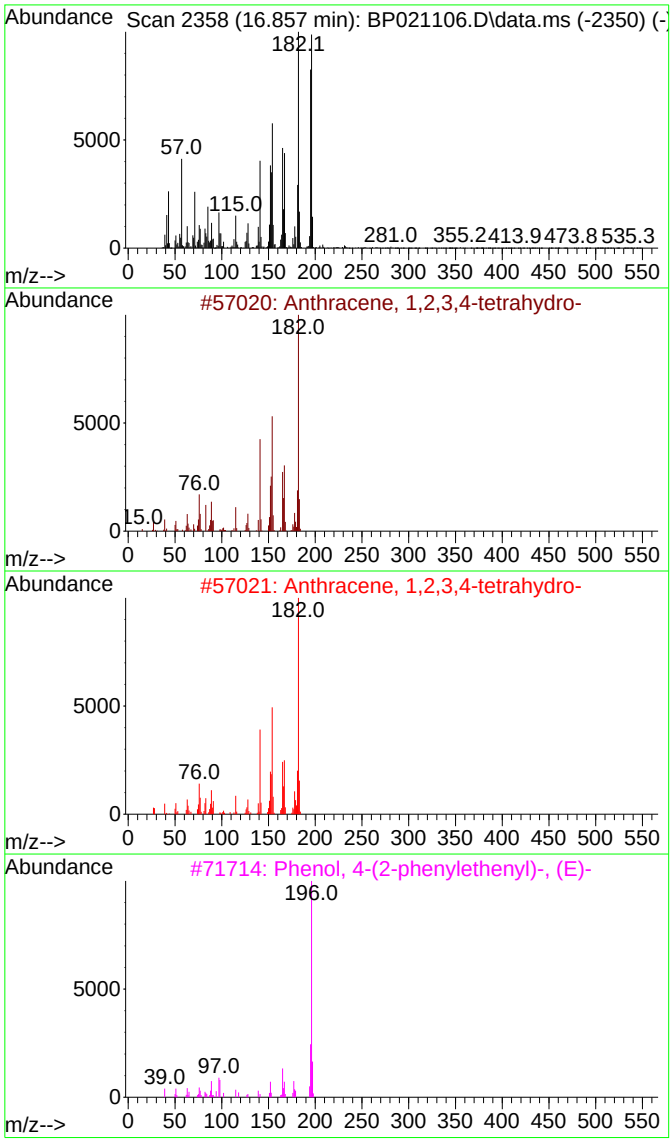
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

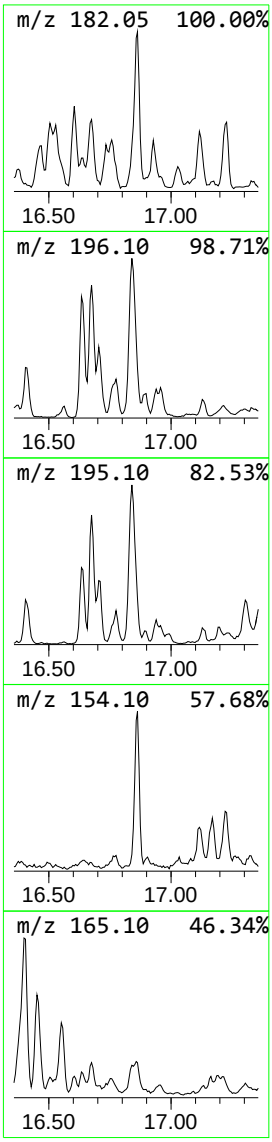
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.857	5.65 ng/ul	815899	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	64
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	50
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	47
5	Dehydrochamazulene	182	C14H14	321732-25-6	46





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

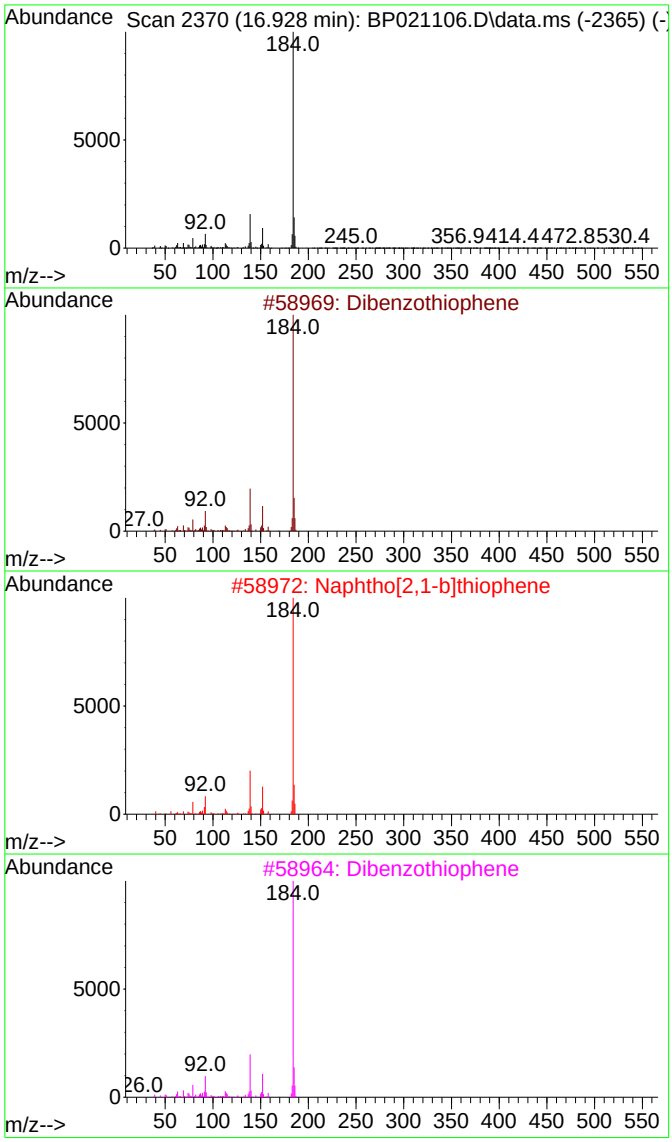
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

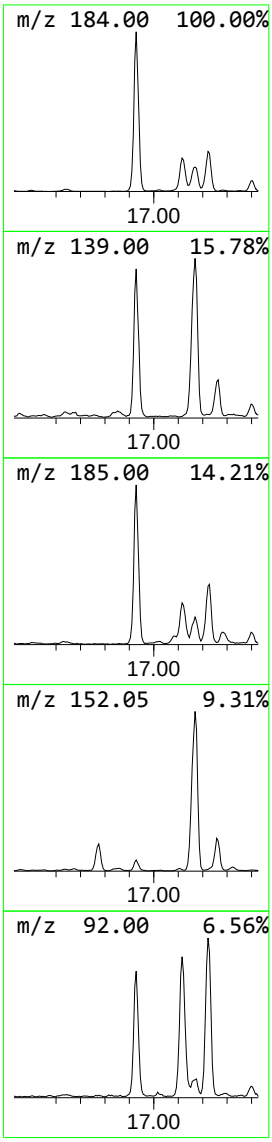
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	11.55 ng/ul	1668760	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

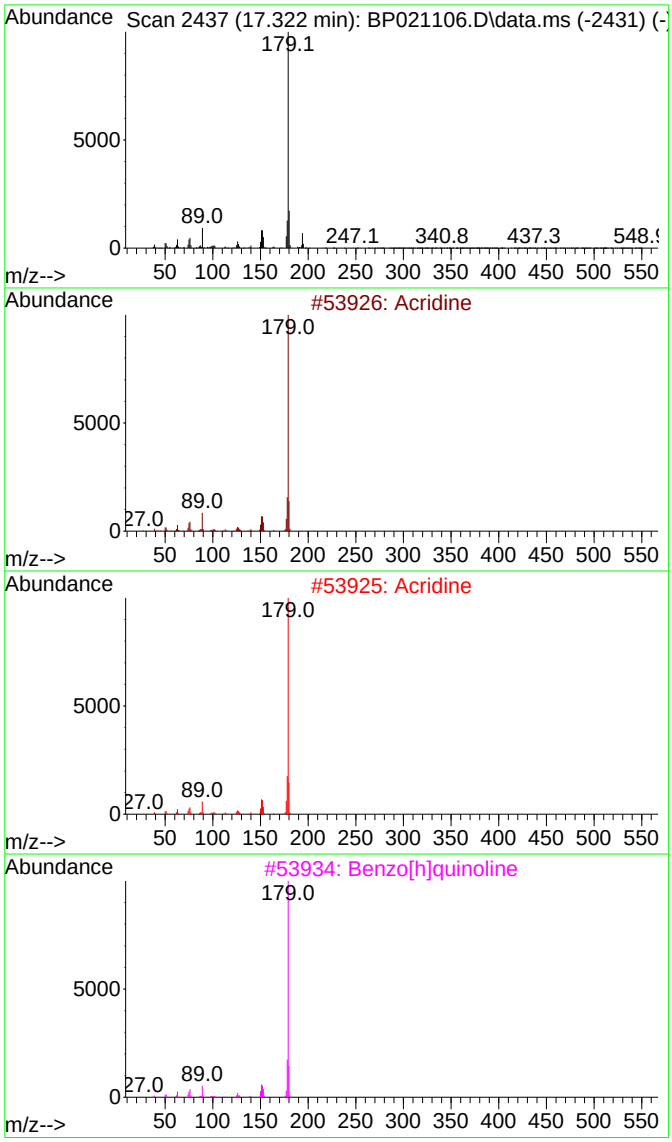
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

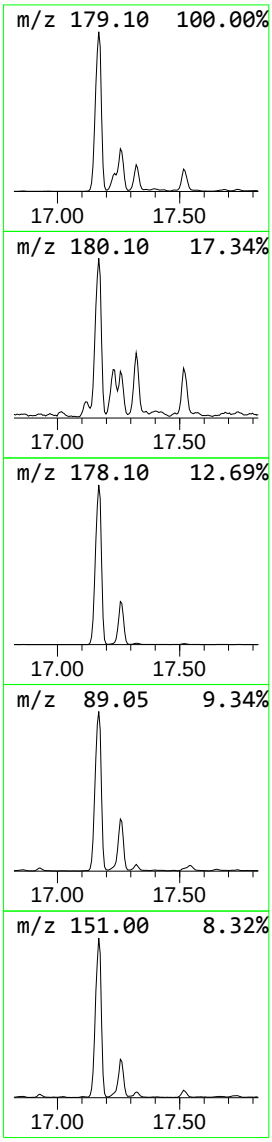
****

Peak Number 14 Acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.322	5.72 ng/ul	825862	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	93
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
4	Phenanthridine	179	C13H9N	000229-87-8	90
5	Phenanthridine	179	C13H9N	000229-87-8	90





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Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

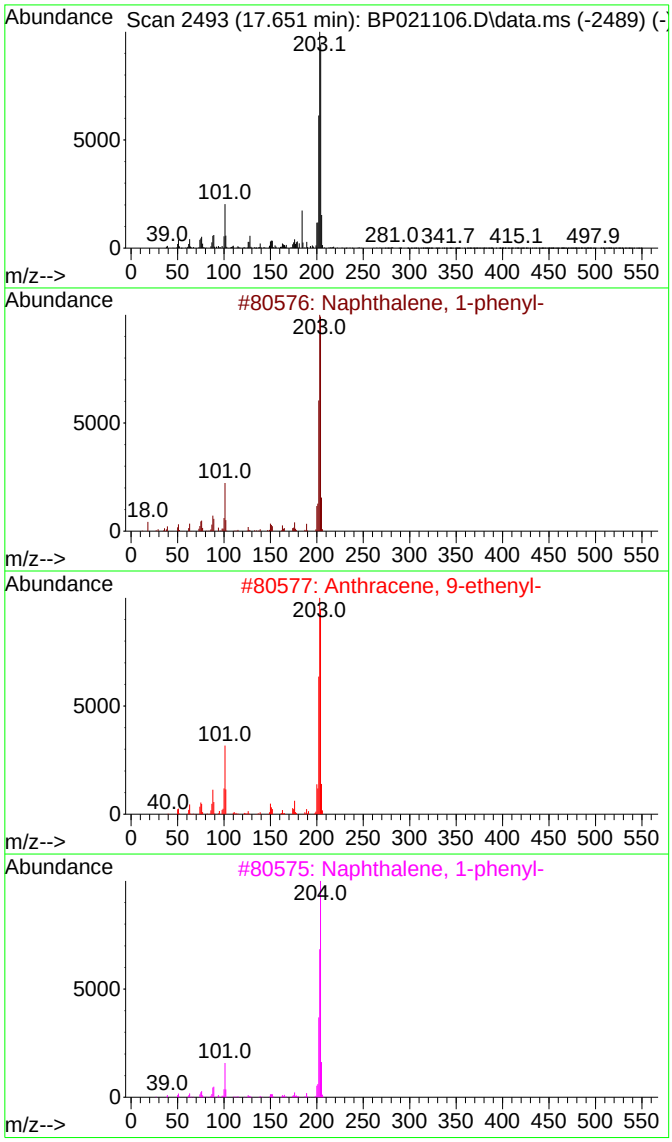
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

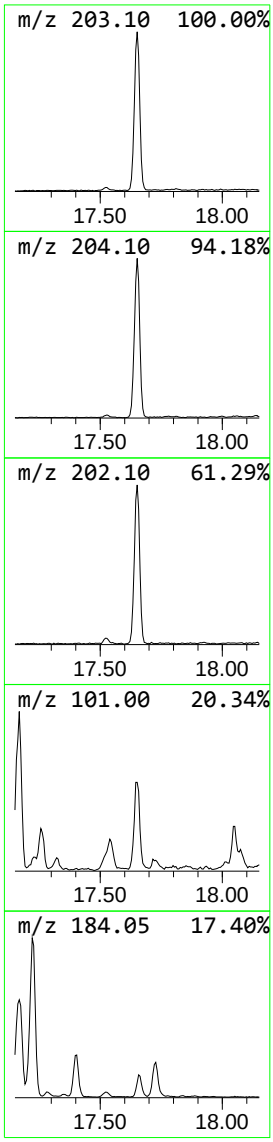
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	4.05 ng/ul	585017	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

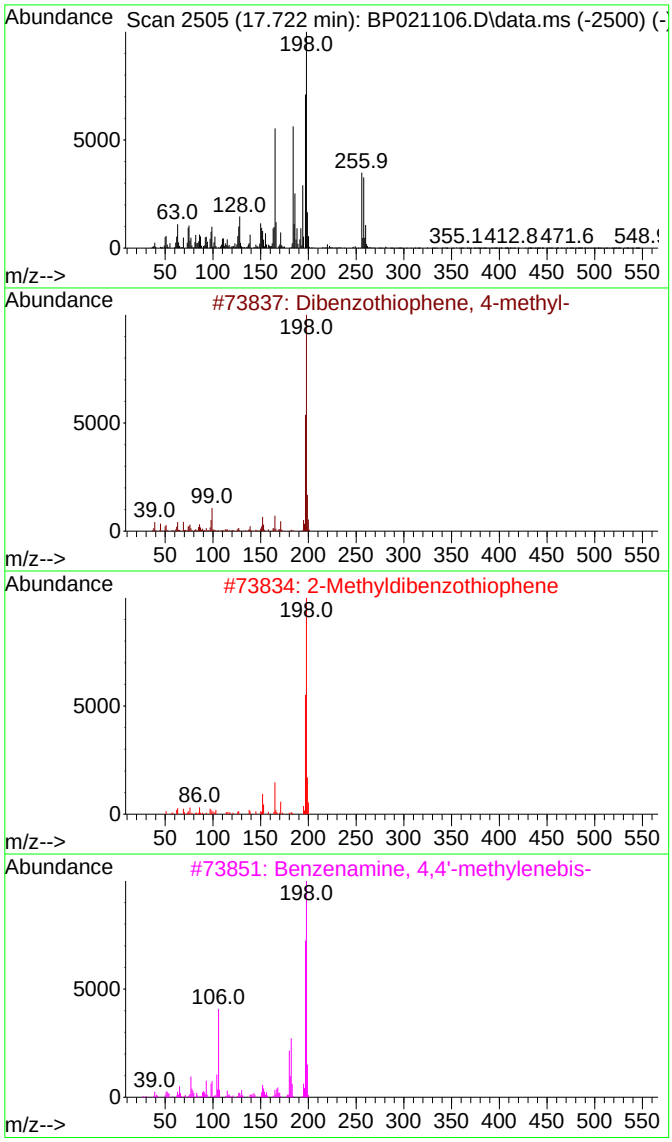
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

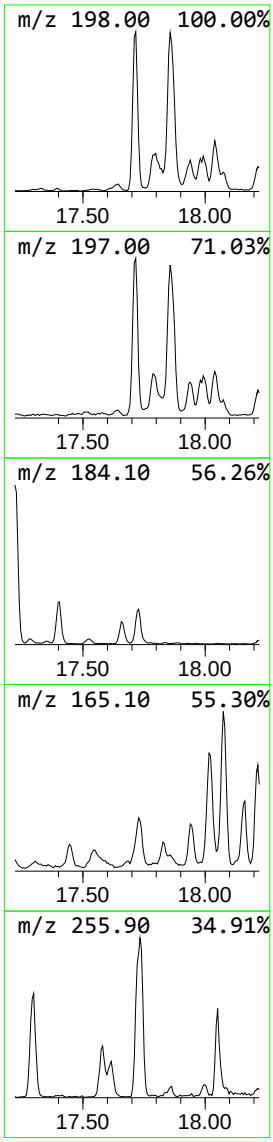
****

Peak Number 16 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.722	6.60 ng/ul	953182	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	42
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	42
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	42
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	42
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	42





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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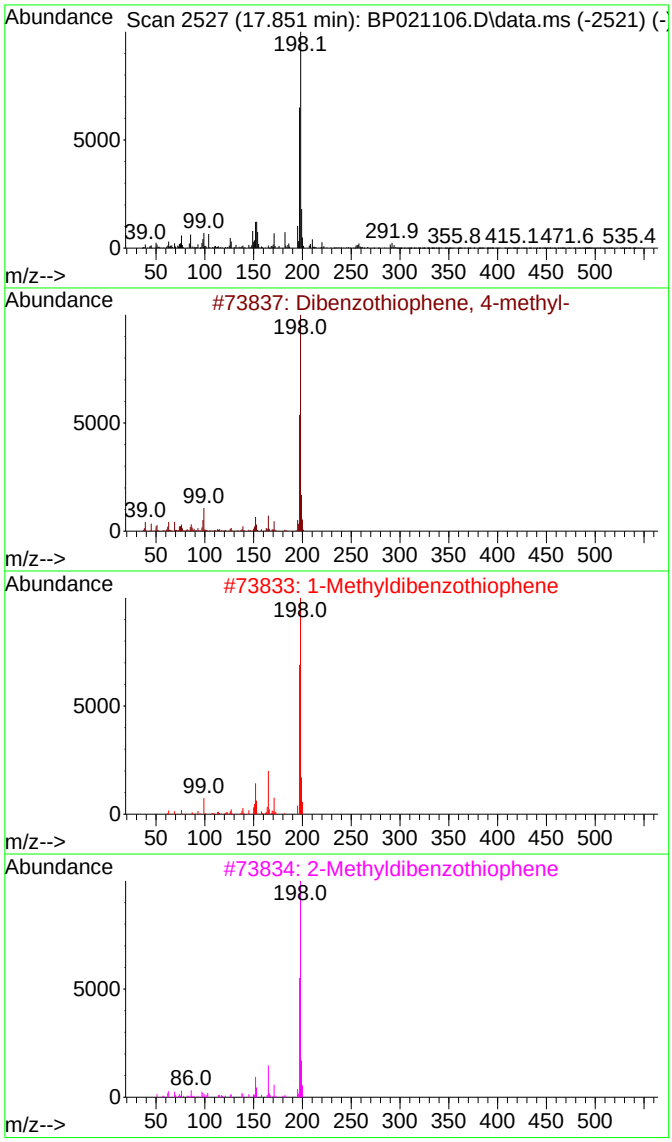
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

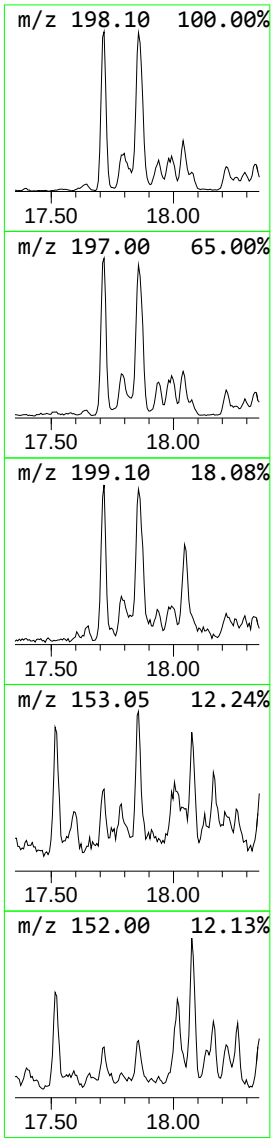
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzothiophene, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	4.00 ng/ul	578271	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	80
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	72
5	Tacrine	198	C13H14N2	000321-64-2	64





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Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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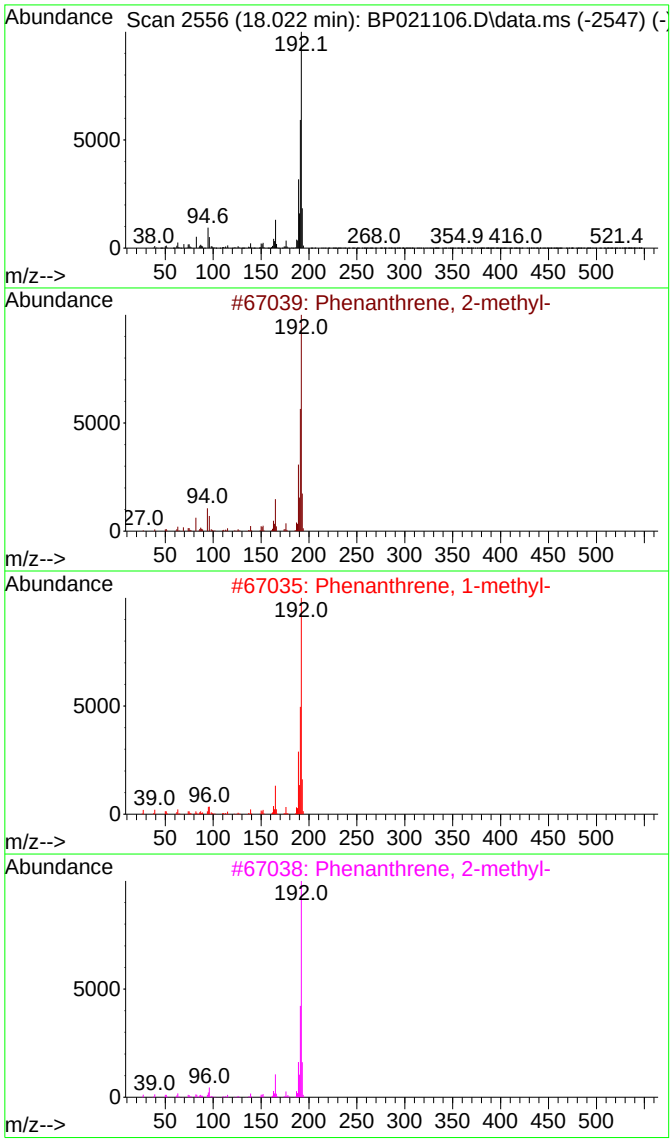
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

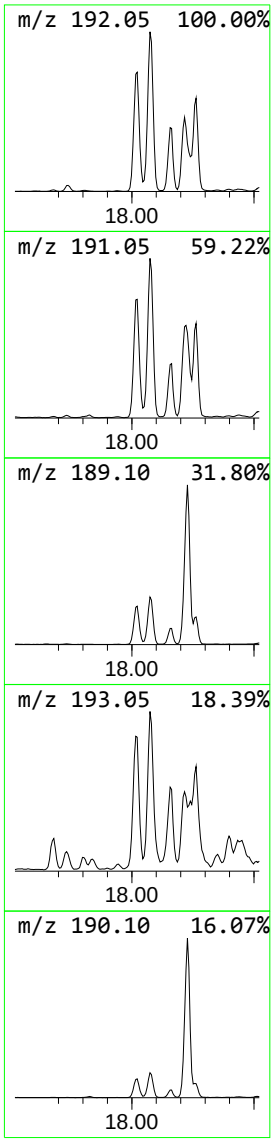
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	20.73 ng/ul	2994030	Phenanthrene-d10	17.116

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

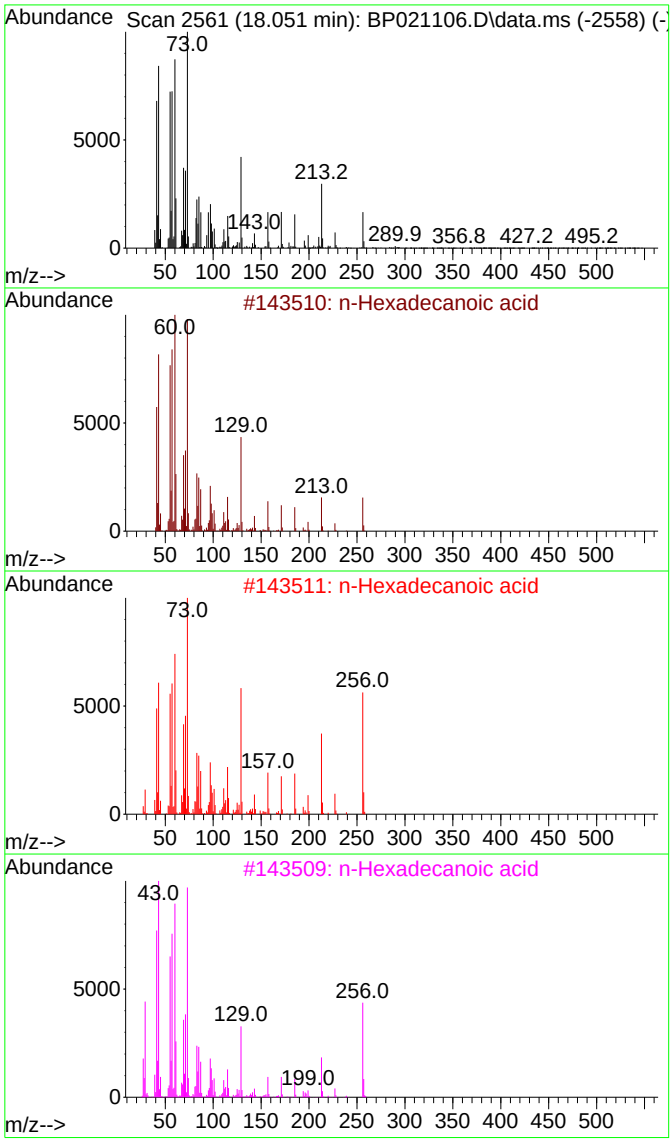
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

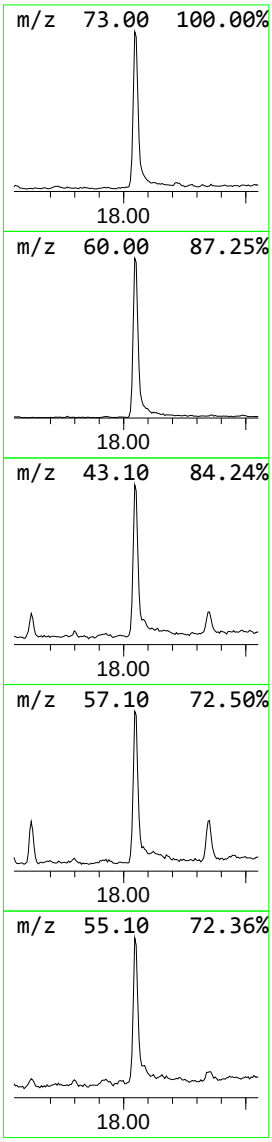
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	9.04 ng/ul	1305800	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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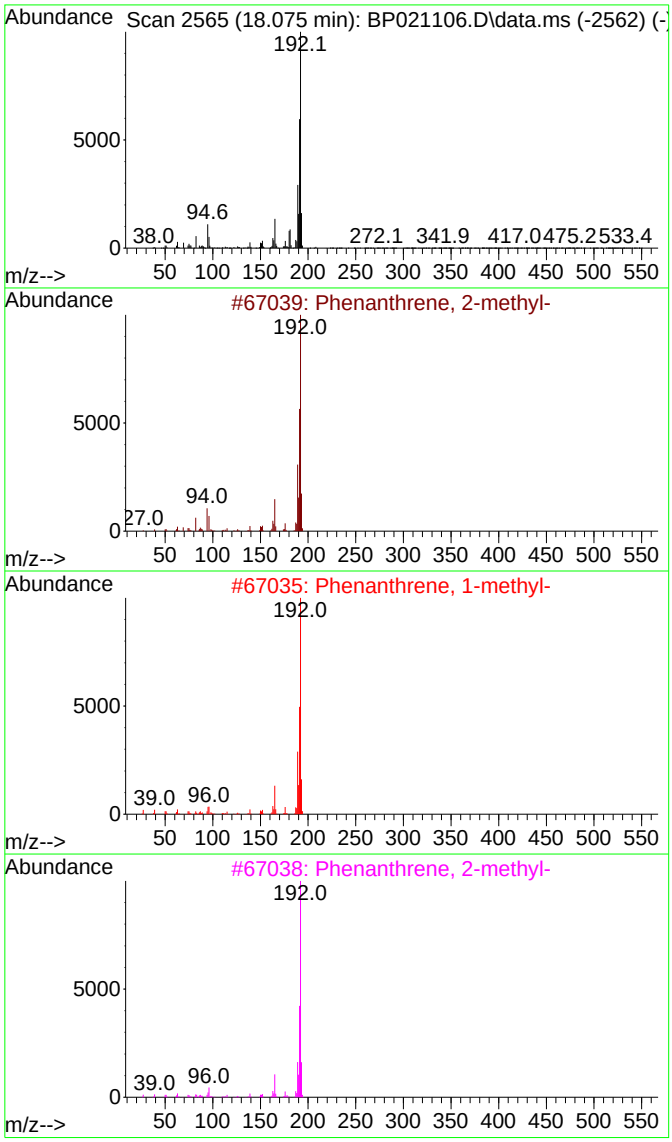
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

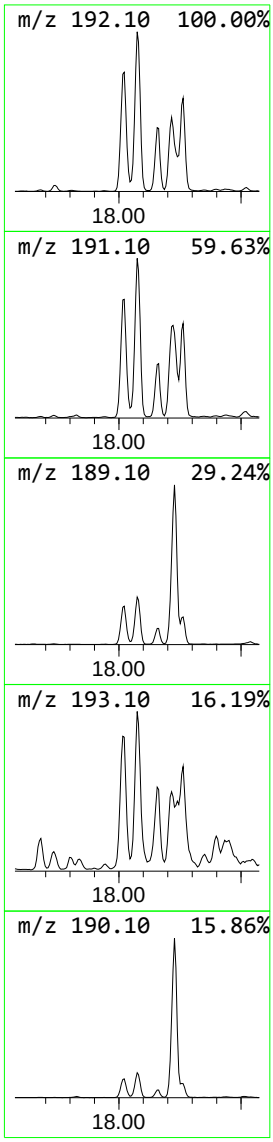
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	27.28 ng/ul	3940530	Phenanthrene-d10	17.116

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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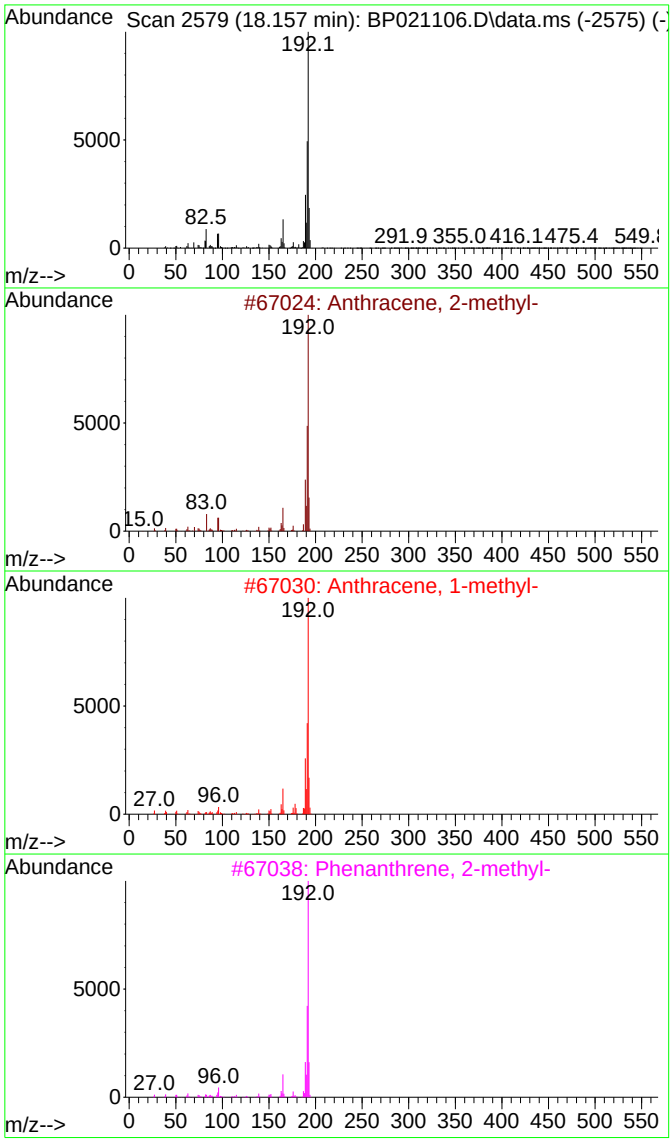
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

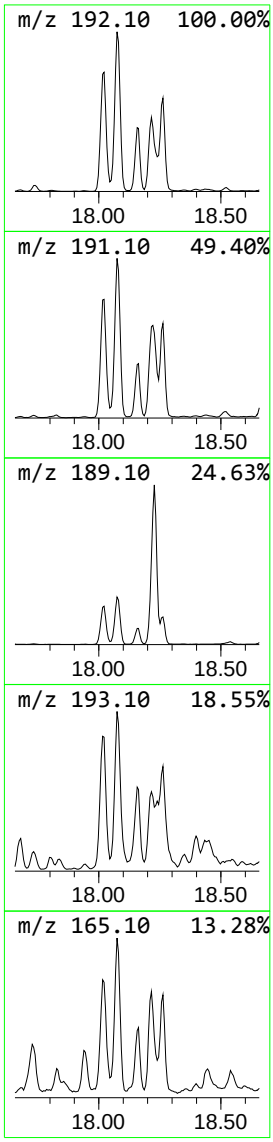
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	8.85 ng/ul	1279190	Phenanthrene-d10	17.116

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





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Acq On : 23 Jul 2024 20:05
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Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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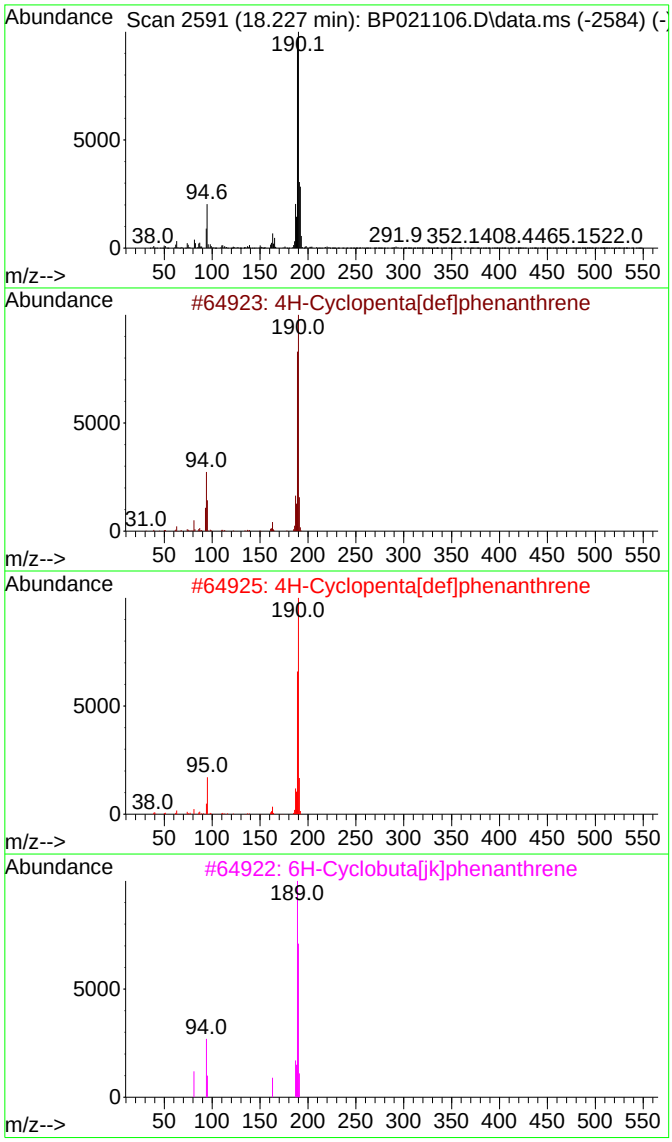
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

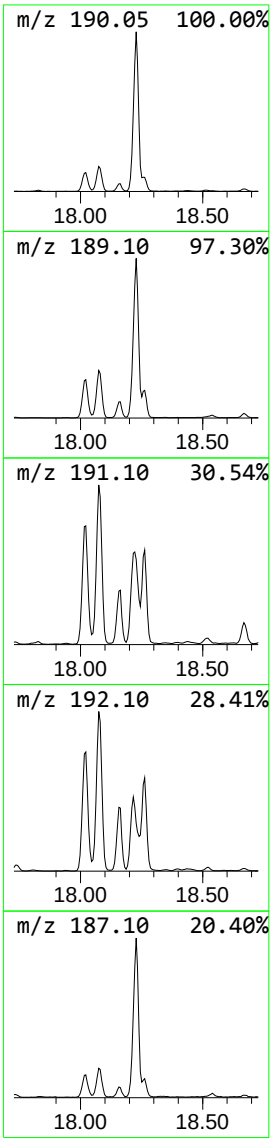
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	37.77 ng/ul	5457090	Phenanthrene-d10	17.116

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	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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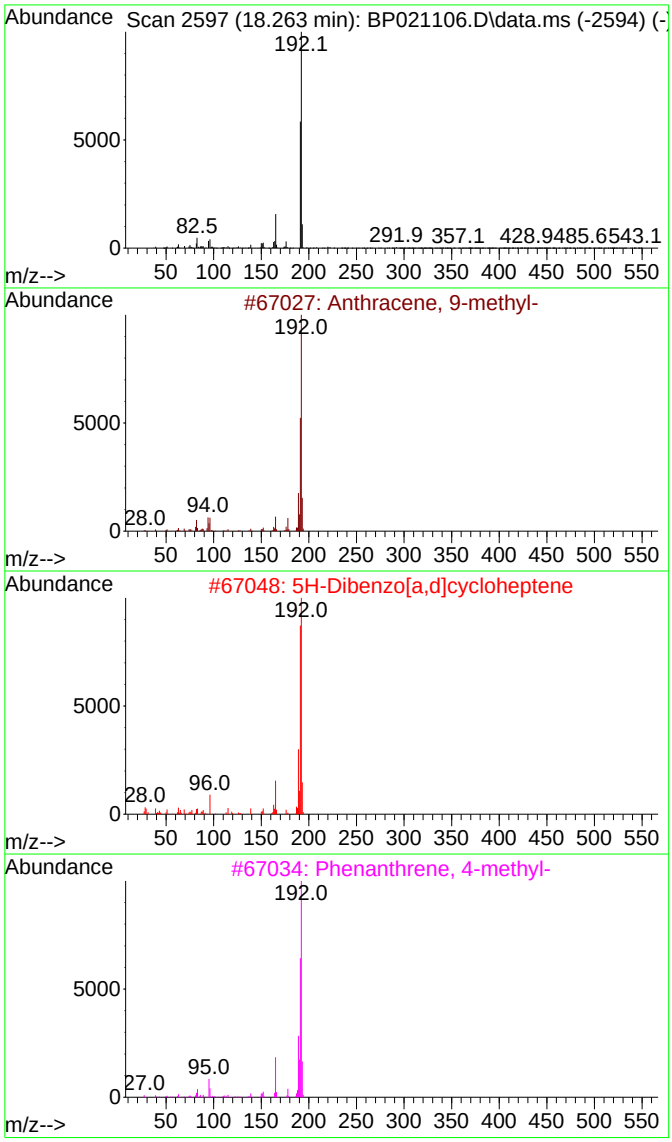
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

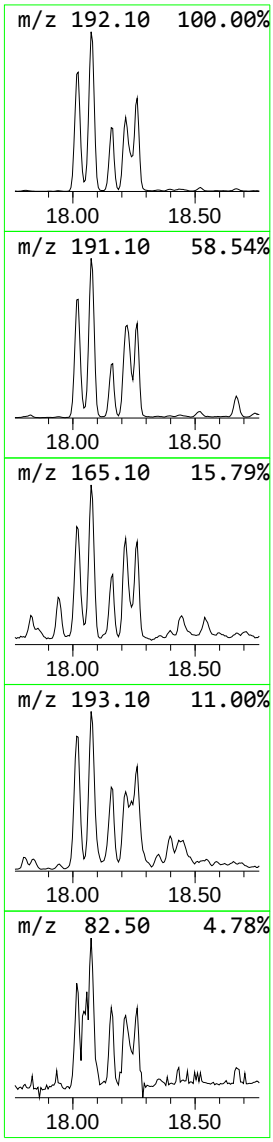
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	13.81 ng/ul	1994620	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

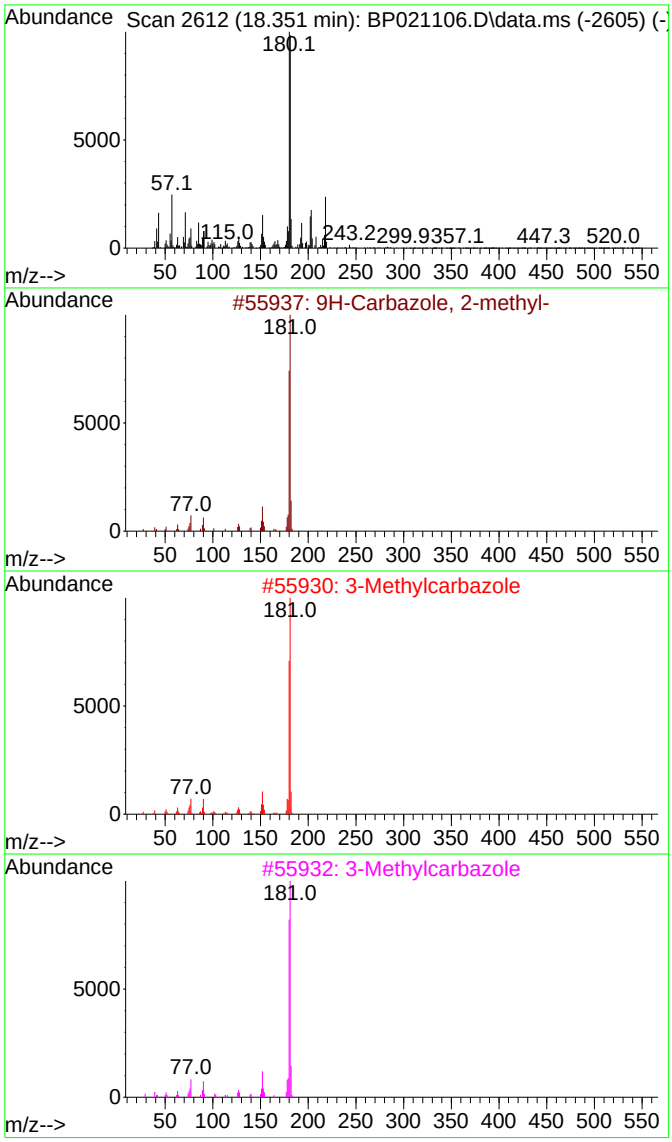
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

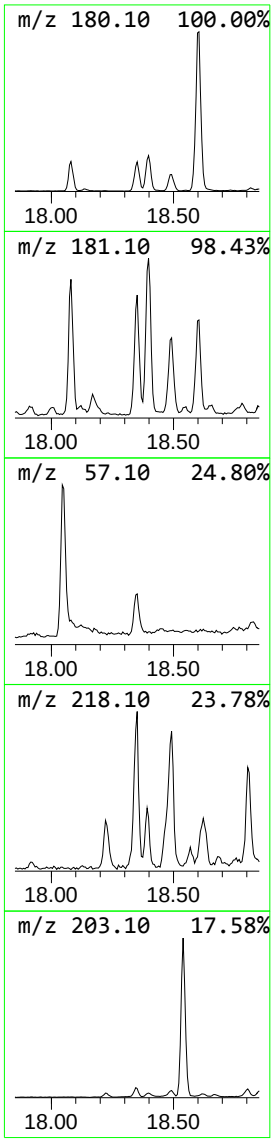
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9H-Carbazole, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	4.58 ng/ul	661484	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	4-Methylcarbazole	181	C13H11N	003770-48-7	95
5	4-Methylcarbazole	181	C13H11N	003770-48-7	91





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

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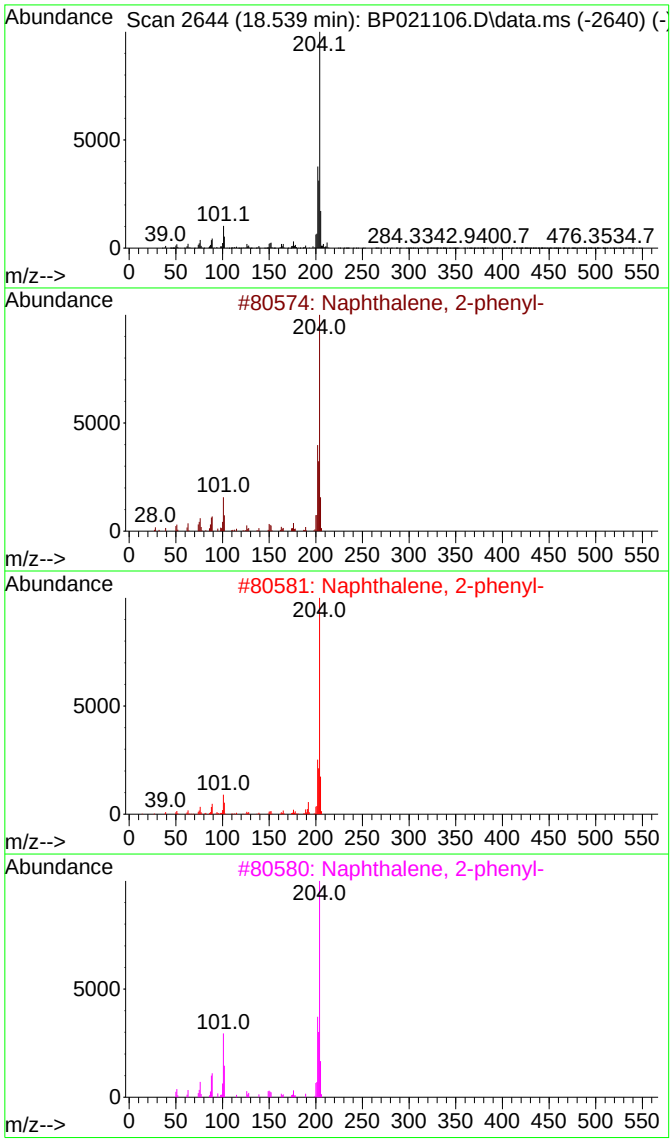
Quant Title : SVOA CALIBRATION

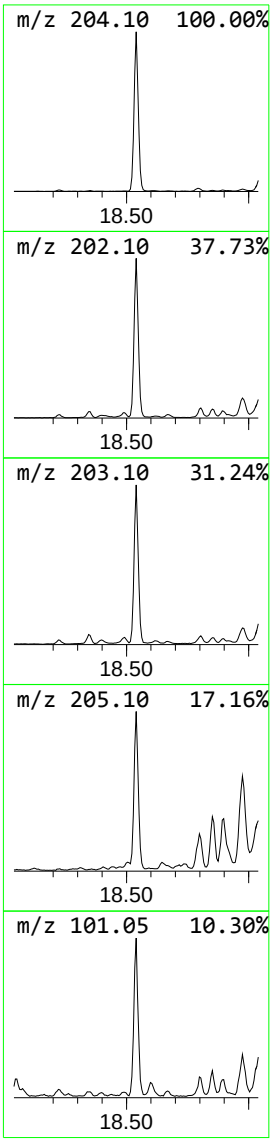
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	14.74 ng/ul	2129210	Phenanthrene-d10	17.116

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	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

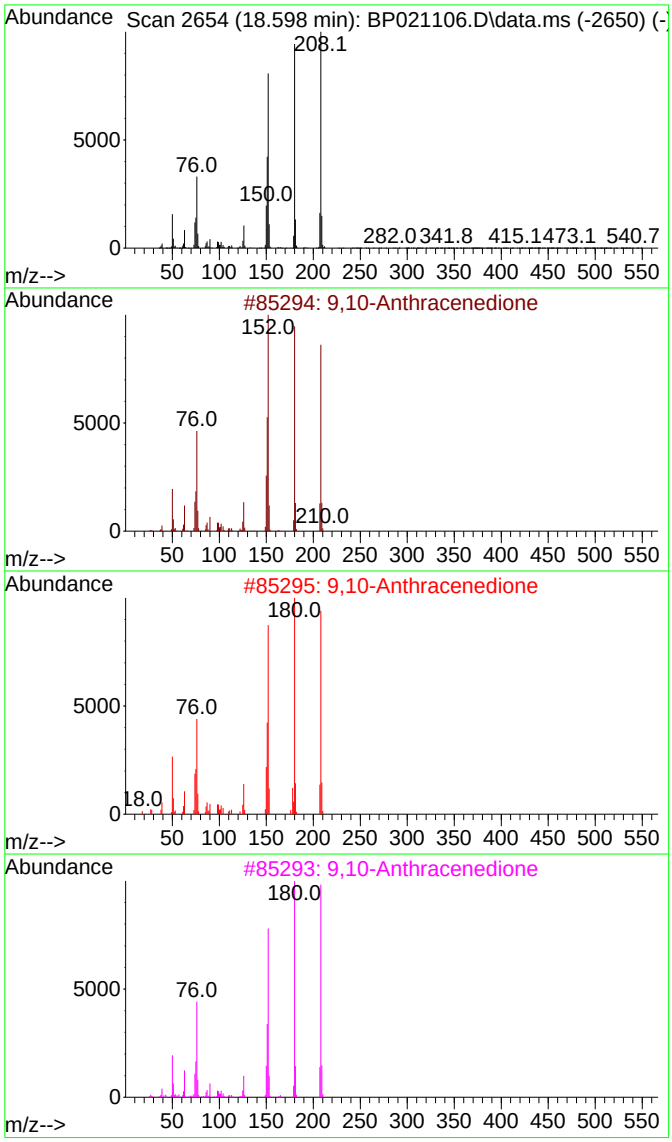
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

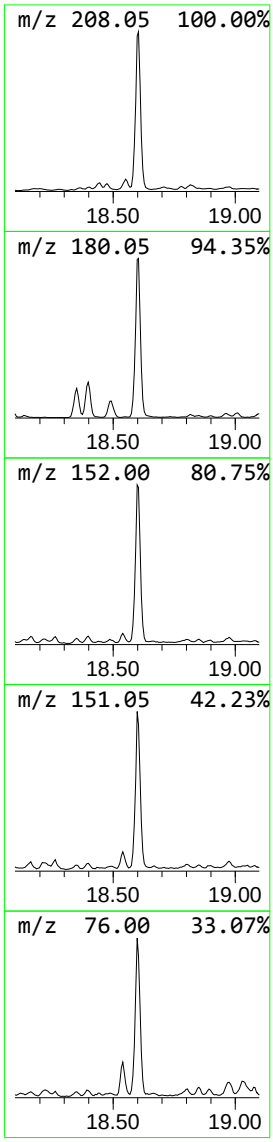
****

Peak Number 28 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	18.36 ng/ul	2652870	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





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Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

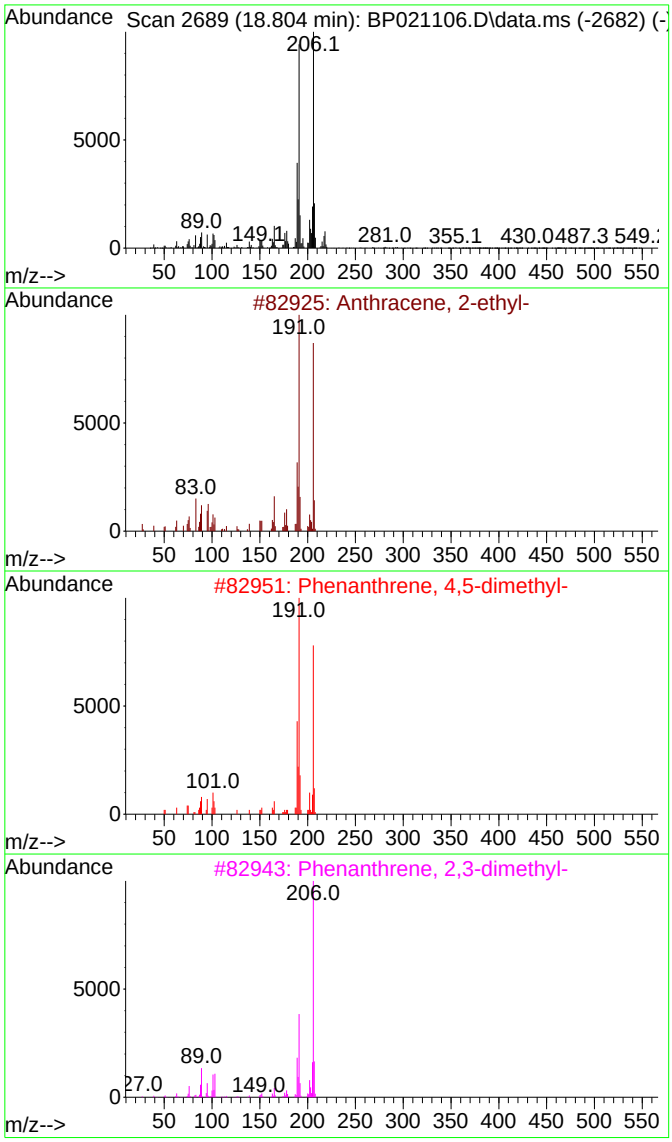
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

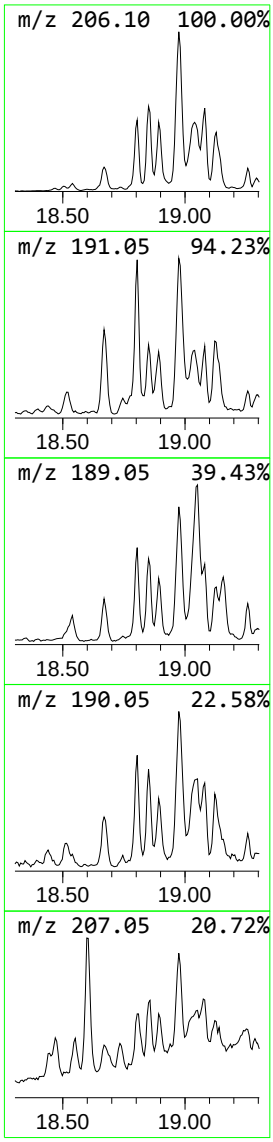
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Anthracene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	6.77 ng/ul	978483	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93





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Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

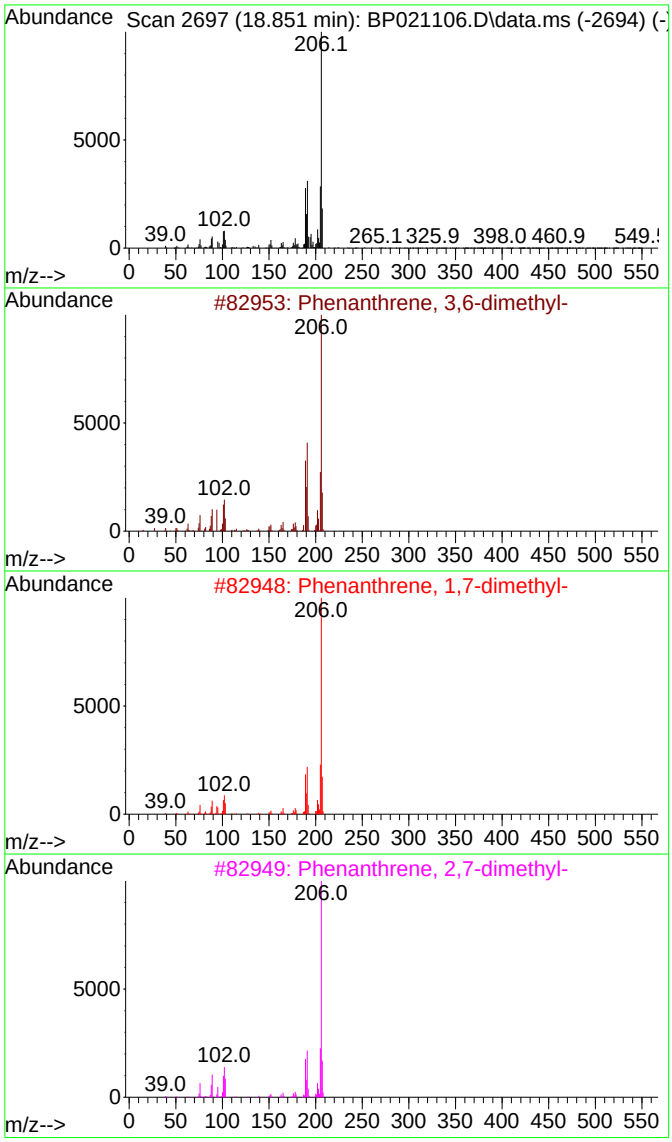
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

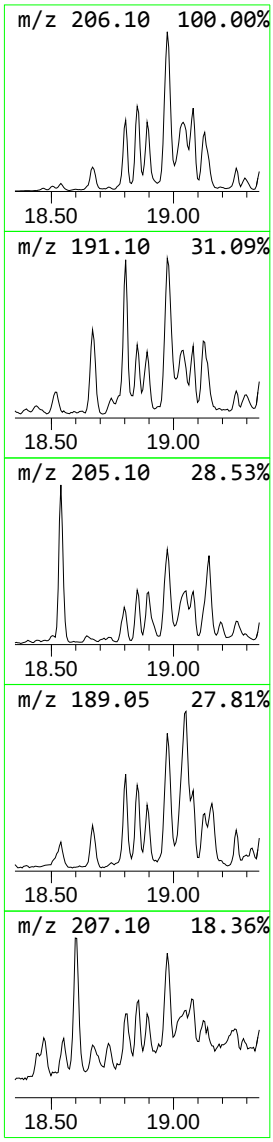
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenanthrene, 3,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	3.98 ng/ul	575028	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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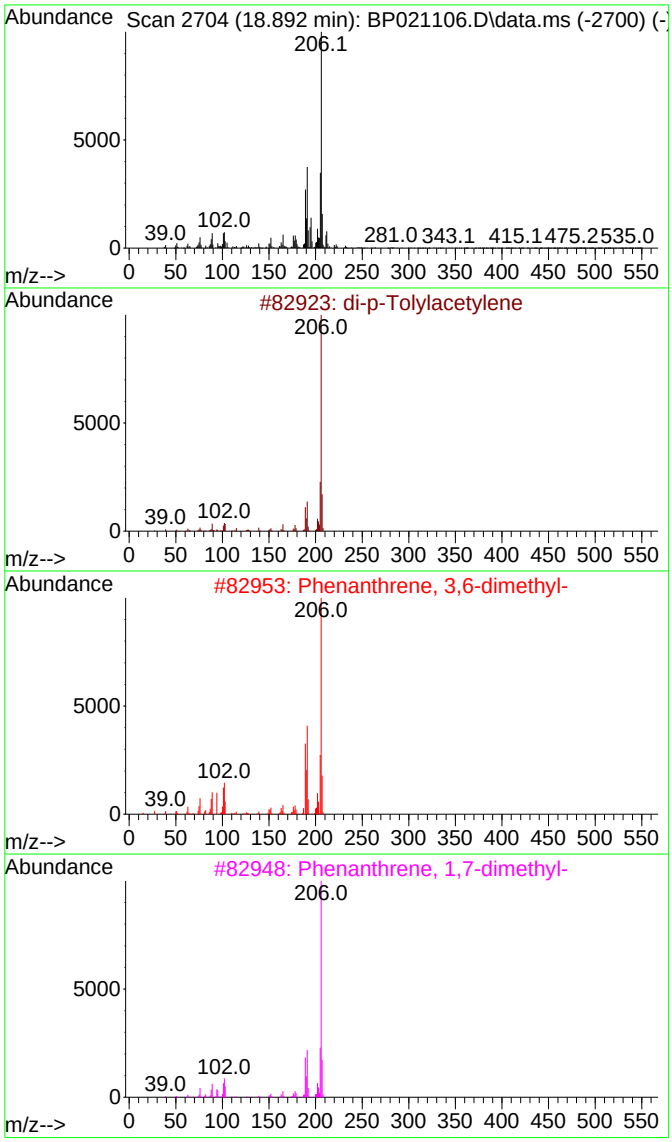
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

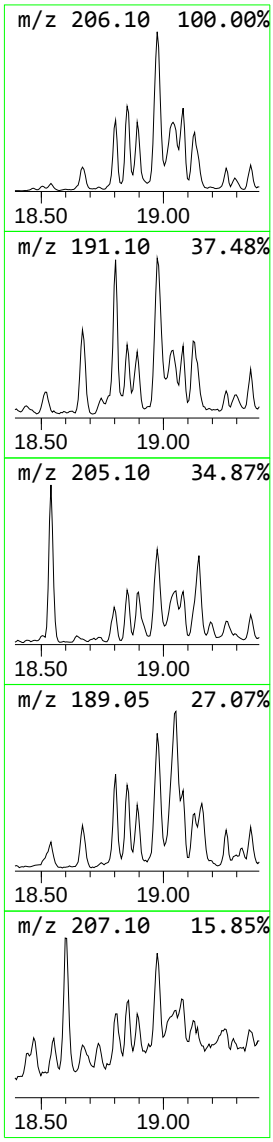
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	3.78 ng/ul	546733	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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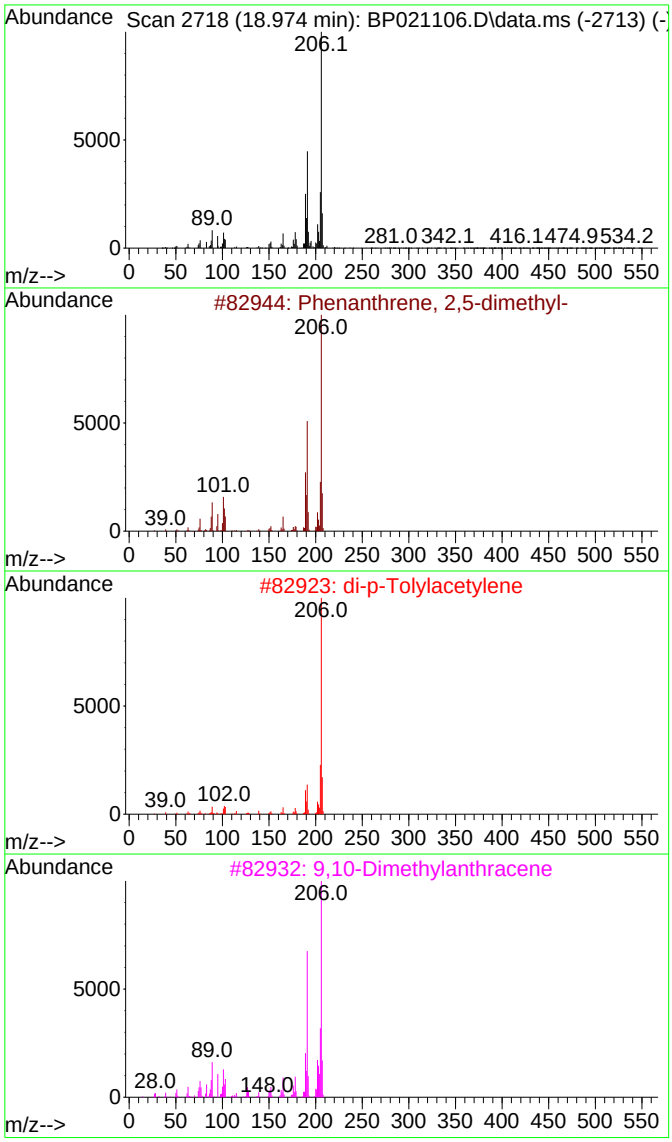
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

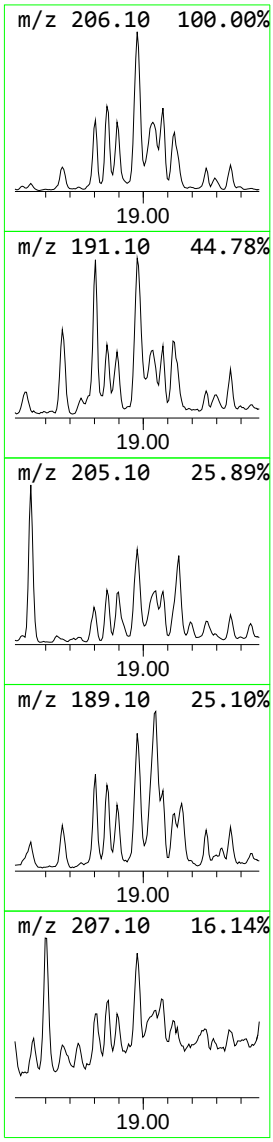
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	10.90 ng/ul	1575100	Phenanthrene-d10	17.116

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	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

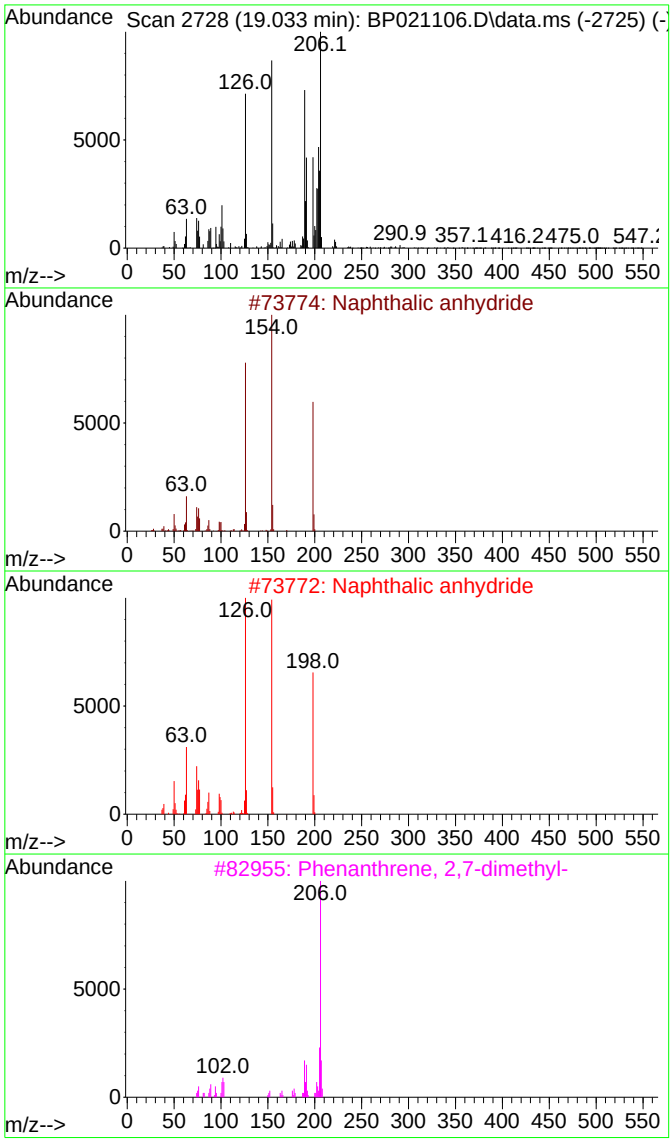
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

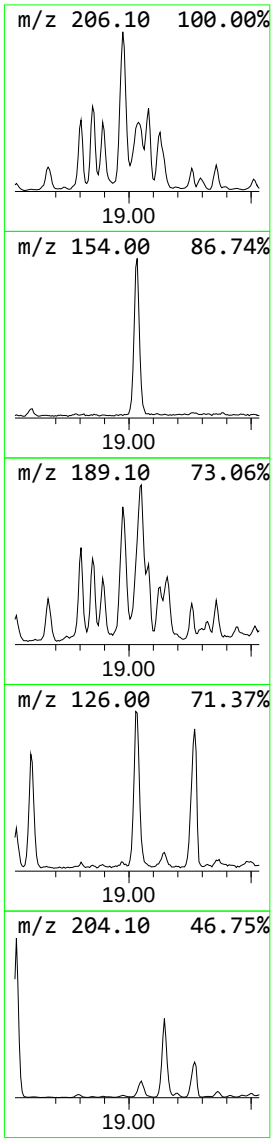
****

Peak Number 33 Naphthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	9.96 ng/ul	1438850	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	47
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	27





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Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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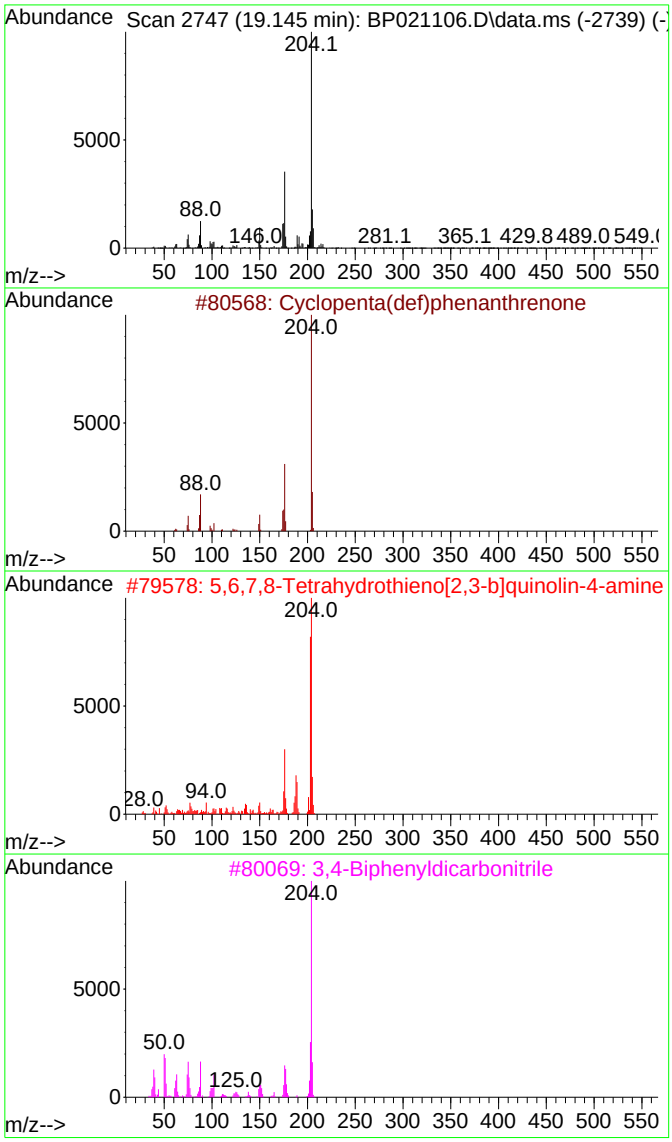
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

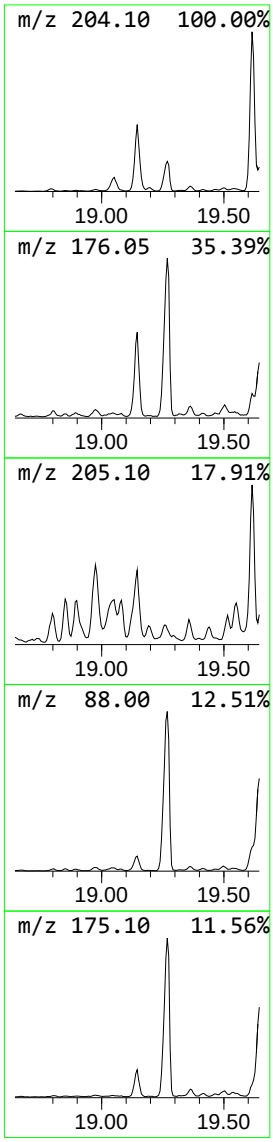
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	13.40 ng/ul	1935290	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





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Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

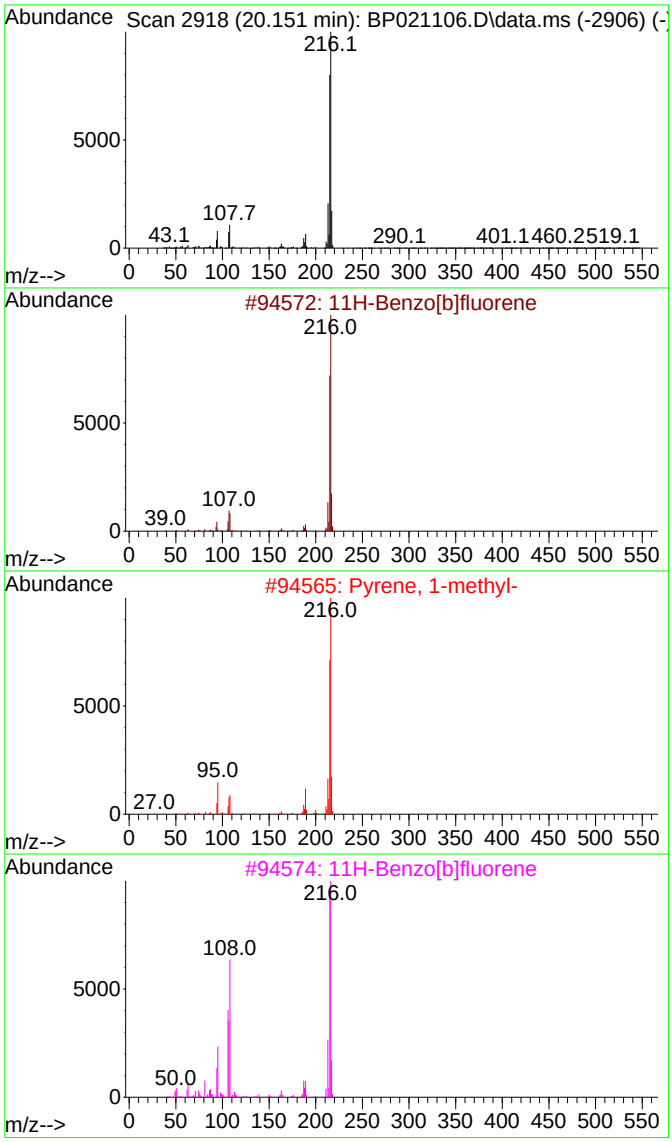
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

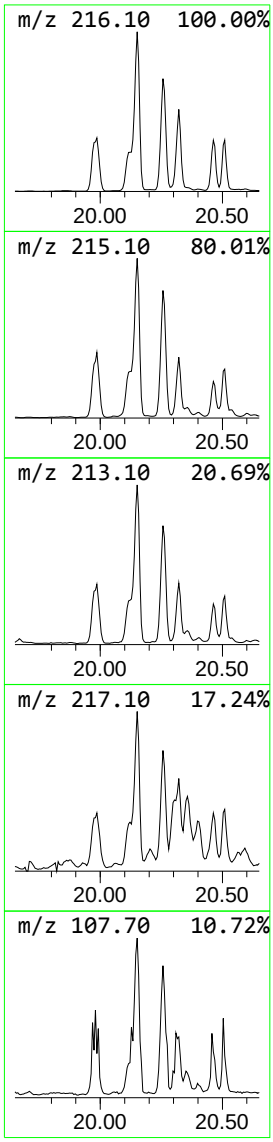
****

Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	5.88 ng/ul	7068510	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

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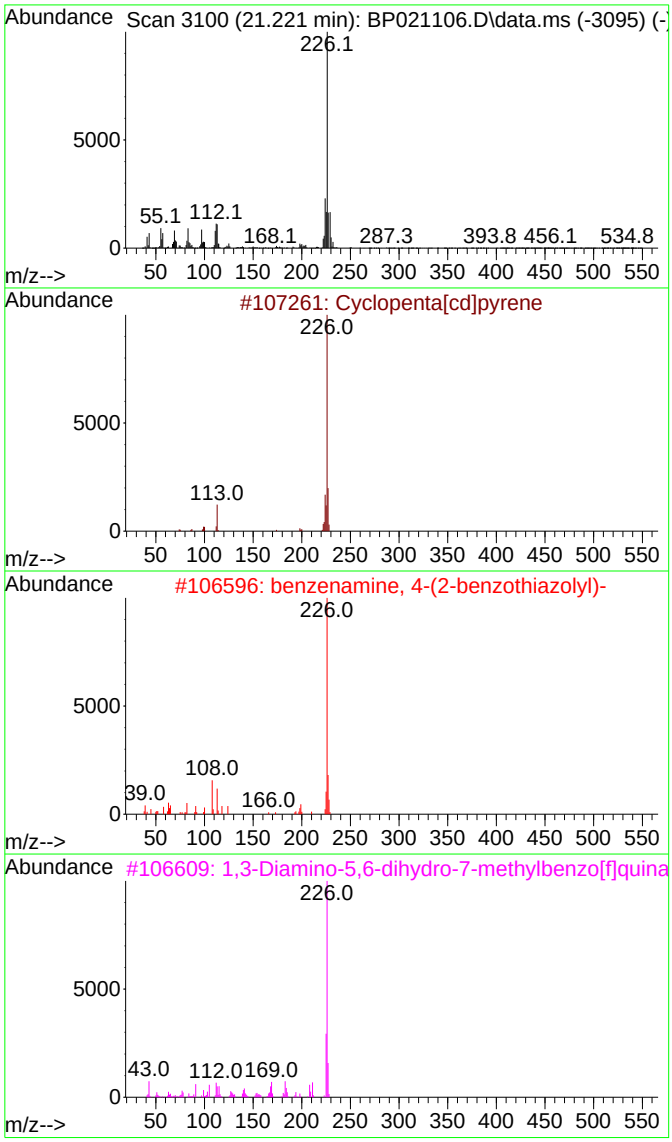
Quant Title : SVOA CALIBRATION

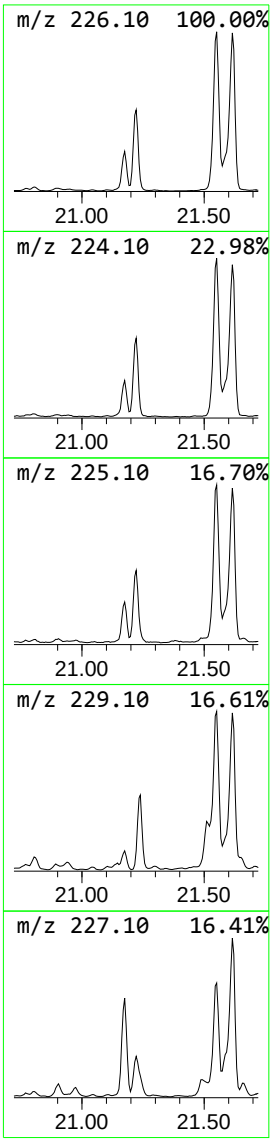
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Cyclopenta[cd]pyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	4.44 ng/ul	5334850	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	47
5	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	40





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Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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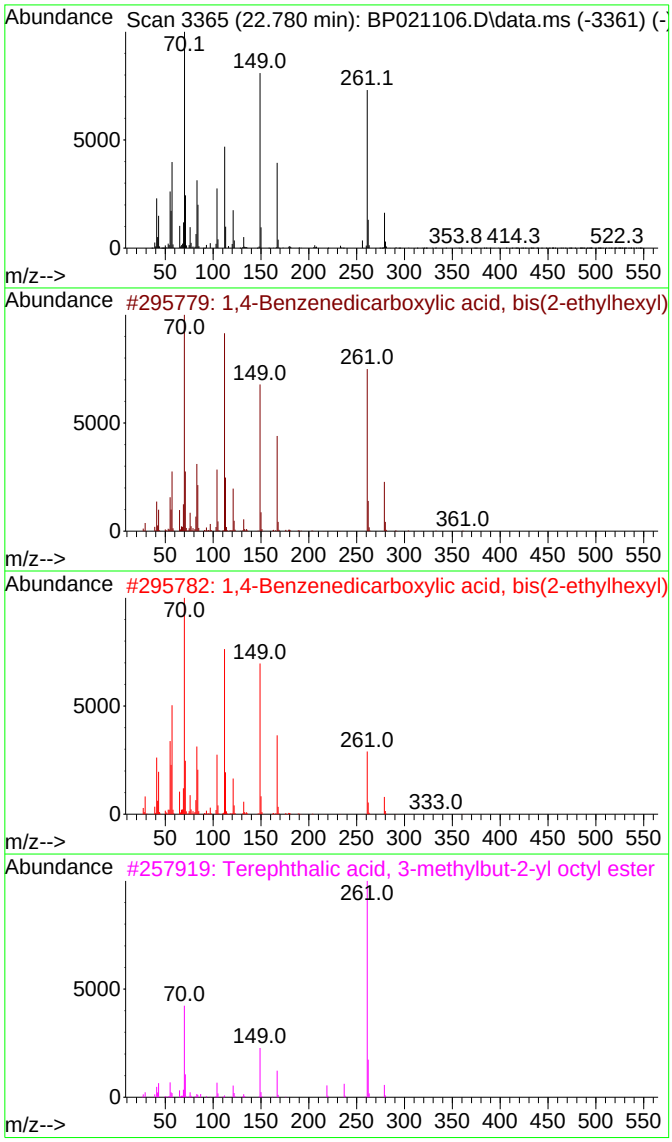
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

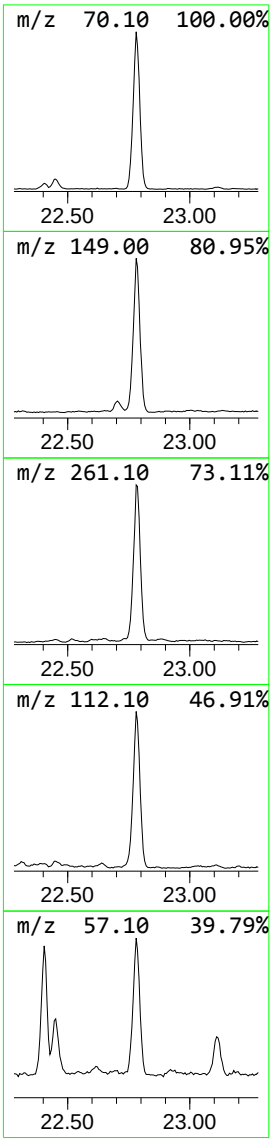
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 1,4-Benzenedicarboxylic aci... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.780	3.55 ng/ul	4261300	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	76
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

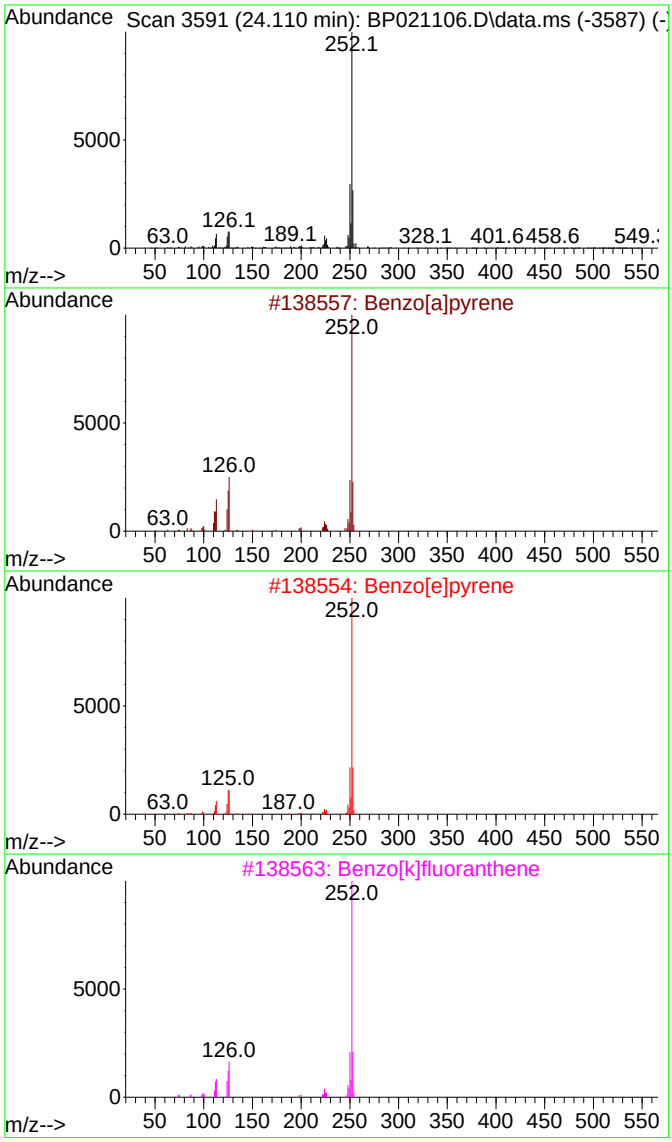
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

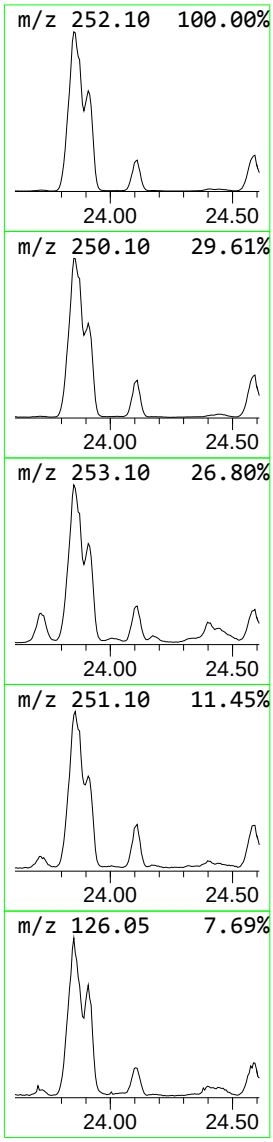
****

Peak Number 48 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.110	14.90 ng/ul	2331360	Perylene-d12	24.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

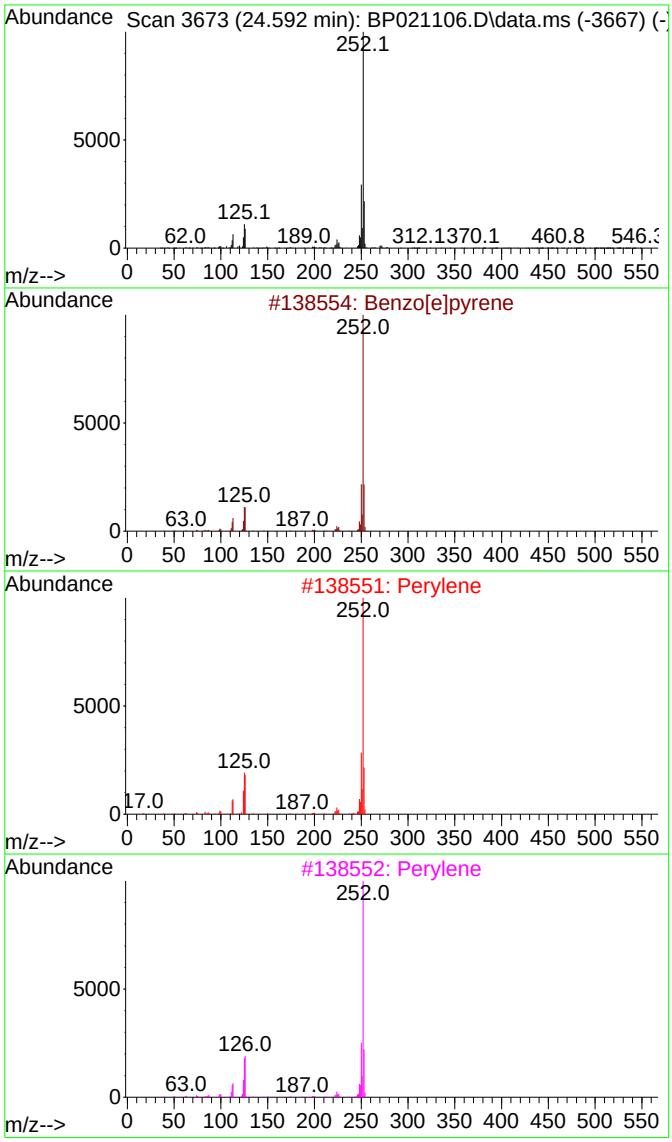
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

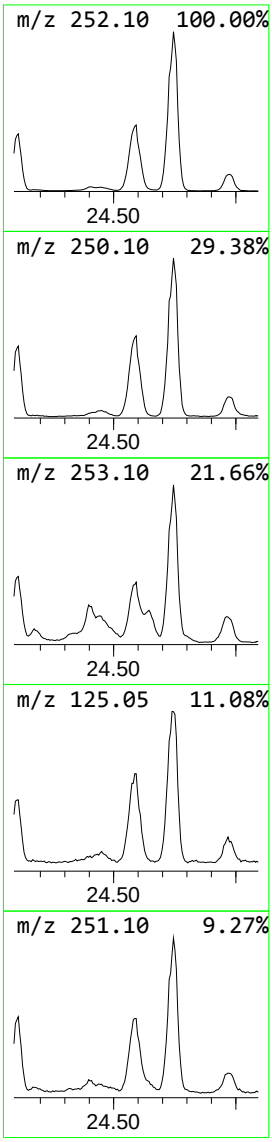
****

Peak Number 49 Perylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.592	9.58 ng/ul	1498650	Perylene-d12	24.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021106.D
Acq On : 23 Jul 2024 20:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
9H-Fluoren-3-ol	15.669	5.0	ng/ul	621692	3	14.304	2485120	20.0
Dibenzofuran, 4...	15.828	6.4	ng/ul	929851	4	17.116	2889290	20.0
9H-Fluorene, 3-...	16.398	4.6	ng/ul	670323	4	17.116	2889290	20.0
9H-Fluoren-9-one	16.775	8.4	ng/ul	1214070	4	17.116	2889290	20.0
Anthracene, 1,2...	16.857	5.7	ng/ul	815899	4	17.116	2889290	20.0
Dibenzothiophene	16.927	11.6	ng/ul	1668760	4	17.116	2889290	20.0
Acridine	17.322	5.7	ng/ul	825862	4	17.116	2889290	20.0
Naphthalene, 1-...	17.651	4.0	ng/ul	585017	4	17.116	2889290	20.0
unknown-01	17.722	6.6	ng/ul	953182	4	17.116	2889290	20.0
Dibenzothiophen...	17.851	4.0	ng/ul	578271	4	17.116	2889290	20.0
Phenanthrene, 2...	18.022	20.7	ng/ul	2994030	4	17.116	2889290	20.0
n-Hexadecanoic ...	18.051	9.0	ng/ul	1305800	4	17.116	2889290	20.0
Phenanthrene, 1...	18.075	27.3	ng/ul	3940530	4	17.116	2889290	20.0
Anthracene, 2-m...	18.157	8.8	ng/ul	1279190	4	17.116	2889290	20.0
4H-Cyclopenta[d...	18.227	37.8	ng/ul	5457090	4	17.116	2889290	20.0
Anthracene, 9-m...	18.263	13.8	ng/ul	1994620	4	17.116	2889290	20.0
9H-Carbazole, 2...	18.351	4.6	ng/ul	661484	4	17.116	2889290	20.0
Naphthalene, 2-...	18.539	14.7	ng/ul	2129210	4	17.116	2889290	20.0
9,10-Anthracene...	18.598	18.4	ng/ul	2652870	4	17.116	2889290	20.0
Anthracene, 2-e...	18.804	6.8	ng/ul	978483	4	17.116	2889290	20.0
Phenanthrene, 3...	18.851	4.0	ng/ul	575028	4	17.116	2889290	20.0
di-p-Tolylacety...	18.892	3.8	ng/ul	546733	4	17.116	2889290	20.0
Phenanthrene, 2...	18.974	10.9	ng/ul	1575100	4	17.116	2889290	20.0
Naphthalic anhy...	19.033	10.0	ng/ul	1438850	4	17.116	2889290	20.0
Cyclopenta(def)...	19.145	13.4	ng/ul	1935290	4	17.116	2889290	20.0
11H-Benzo[b]flu...	20.151	5.9	ng/ul	7068510	5	21.569	24033700	20.0
Cyclopenta[cd]p...	21.221	4.4	ng/ul	5334850	5	21.569	24033700	20.0
1,4-Benzenedica...	22.780	3.5	ng/ul	4261300	5	21.569	24033700	20.0
Benzo[e]pyrene	24.110	14.9	ng/ul	2331360	6	24.892	3128470	20.0
Perylene	24.592	9.6	ng/ul	1498650	6	24.892	3128470	20.0