LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5W5

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.083	10	16	38	rVB	1492928	2931561	36.73%	2.984%
2	3.747	120	129	137	rBV2	68487	129379	1.62%	0.132%
3	7.061	685	693	706	rVB	164170	285898	3.58%	0.291%
4	7.202	711	717	726	rBV	101160	163515	2.05%	0.166%
5	7.413	746	753	760	rBV	151677	257676	3.23%	0.262%
6	7.872	824	831	839	rBV	119814	198624	2.49%	0.202%
7	8.594	948	954	961	rBV2	178077	294805	3.69%	0.300%
8	9.029	1021	1028	1036	rBV	152198	264185	3.31%	0.269%
9	9.752	1144	1151	1157	rBV	144749	251856	3.16%	0.256%
10	10.304	1237	1245	1254	rBV	203092	361649	4.53%	0.368%
11	10.668	1298	1307	1312	rBV	155133	274495	3.44%	0.279%
12	10.803	1324	1330	1340	rBV	58154	117881	1.48%	0.120%
13	13.917	1851	1860	1865	rVV	358429	558701	7.00%	0.569%
14	14.205	1903	1909	1923	rBV	391808	718090	9.00%	0.731%
15	14.511	1951	1961	1966	rBV	256563	412072	5.16%	0.419%
16	14.758	1990	2003	2009	rBV3	104738	230355	2.89%	0.234%
17	14.910	2024	2029	2037	rVV	70281	121923	1.53%	0.124%
18	15.504	2121	2130	2135	rVV	506522	769467	9.64%	0.783%
19	15.557	2135	2139	2149	rVB2	122155	202116	2.53%	0.206%
20	15.651	2149	2155	2159	rBV	141303	218268	2.74%	0.222%
21	15.856	2184	2190	2197	rVB2	57058	111134	1.39%	0.113%
22	16.003	2207	2215	2223	rVB3	55071	117756	1.48%	0.120%
23	16.238	2247	2255	2263	rBV4	82768	197453	2.47%	0.201%
24	16.567	2301	2311	2315	rBV4	67030	170477	2.14%	0.174%
25	16.796	2341	2350	2354	rBV4	72503	154451	1.94%	0.157%
26	16.838	2354	2357	2365	rVV	64387	121136	1.52%	0.123%
27	16.920	2365	2371	2376	rVV	139185	229129	2.87%	0.233%
28	16.990	2378	2383	2391	rVV4	62216	176439	2.21%	0.180%
29	17.078	2393	2398	2407	rVV	121079	219833	2.75%	0.224%
30	17.261	2424	2429	2432	rBV	312034	473943	5.94%	0.482%
31	17.308	2432	2437	2442	rVV	2197625	3218924	40.34%	3.277%
32	17.360	2442	2446	2450	rVV2	597588	895318	11.22%	0.911%
33	17.396	2450	2452	2457	rVB	256516	298667	3.74%	0.304%
34	17.449	2457	2461	2468	rBV3	89444	160112	2.01%	0.163%
35	17.666	2490	2498	2503	rBV2	182419	356301	4.46%	0.363%
36	17.778	2510	2517	2521	rBV2	94464	150212	1.88%	0.153%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

37	17.842	2524	2528	2536	rVB4	137919	237344	2.97%	0.242%
38	18.142	2573	2579	2583	rVV	487738	817288	10.24%	0.832%
39	18.189	2583	2587	2593	rVB	693698	1022337	12.81%	1.041%
40	18.271	2596	2601	2605	rBV	123413	177843	2.23%	0.181%
41	18.336	2605	2612	2616	rBV2	692931	1328724	16.65%	1.353%
42	18.371	2616	2618	2624	rVB	412173	483679	6.06%	0.492%
43	18.447	2627	2631	2635	rBV5	82276	127992	1.60%	0.130%
44	18.635	2659	2663	2668	rBV	389711	565374	7.08%	0.576%
45	18.688	2668	2672	2681	rVB2	468887	699258	8.76%	0.712%
46	18.888	2702	2706	2710	rVB	108270	137063	1.72%	0.140%
47	18.935	2710	2714	2718	rVB	167237	197411	2.47%	0.201%
48	18.976	2718	2721	2725	rVB2	149796	192979	2.42%	0.196%
49	19.058	2729	2735	2739	rBV	459087	787727	9.87%	0.802%
50	19.152	2749	2751	2755	rVB	150985	145008	1.82%	0.148%
51	19.211	2755	2761	2767	rBV3	359251	677197	8.49%	0.689%
52	19.335	2774	2782	2787	rBV	4978117	7980432	100.00%	8.123%
53	19.387	2787	2791	2794	rBV	150038	199641	2.50%	0.203%
54	19.423	2794	2797	2802	rVB	192076	254859	3.19%	0.259%
55	19.476	2802	2806	2809	rBV	106570	131900	1.65%	0.134%
56	19.528	2810	2815	2818	rBV2	159238	272844	3.42%	0.278%
57	19.564	2818	2821	2825	rVB	173659	228127	2.86%	0.232%
58	19.664	2832	2838	2840	rBV3	1430889	2395263	30.01%	2.438%
59	19.699	2840	2844	2850	rVB	4731534	6908744	86.57%	7.033%
60	19.758	2850	2854	2860	rVB2	382146	587638	7.36%	0.598%
61	19.863	2867	2872	2878	rVV	307474	504646	6.32%	0.514%
62	19.928	2878	2883	2888	rVB2	312327	504080	6.32%	0.513%
63	20.016	2891	2898	2904	rBV2	482824	1296585	16.25%	1.320%
64	20.098	2909	2912	2915	rVV2	79953	113073	1.42%	0.115%
65	20.145	2915	2920	2922	rVV3	419926	732442	9.18%	0.746%
66	20.181	2922	2926	2931	rVB	899753	1417184	17.76%	1.443%
67	20.281	2939	2943	2947	rBV	524332	662891	8.31%	0.675%
68	20.339	2947	2953	2957	rVV2	663392	1099839	13.78%	1.120%
69	20.416	2963	2966	2971	rBV	130829	172482	2.16%	0.176%
70	20.480	2973	2977	2980	rBV	433171	576015	7.22%	0.586%
71	20.527	2980	2985	2989	rVB	422554	565021	7.08%	0.575%
72	20.739	3016	3021	3023	rBV4	140404	227866	2.86%	0.232%
73	20.892	3044	3047	3050	rBV3	110565	147640	1.85%	0.150%
74	20.939	3051	3055	3061	rVB	761103	1092195	13.69%	1.112%
75	21.033	3068	3071	3076	rVB	111065	153484	1.92%	0.156%
76	21.109	3078	3084	3088	rVV2	707599	1355774	16.99%	1.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	21.156	3088	3092	3095	rVV	612734	977656	12.25%	0.995%
78	21.203	3096	3100	3105	rVV2	634159	1209125	15.15%	1.231%
79	21.268	3107	3111	3117	rVB	726346	1136509	14.24%	1.157%
80	21.514	3143	3153	3158	rBV2	3135659	6543703	82.00%	6.661%
81	21.579	3159	3164	3174	rVB	3120738	5548359	69.52%	5.648%
82	21.667	3176	3179	3183	rVB3	110297	147981	1.85%	0.151%
83	21.714	3183	3187	3193	rBV	321223	552178	6.92%	0.562%
84	21.785	3195	3199	3203	rBV3	257174	444954	5.58%	0.453%
85	21.920	3216	3222	3228	rBV2	389197	805438	10.09%	0.820%
86	21.984	3229	3233	3237	rVB3	165539	273503	3.43%	0.278%
87	22.149	3258	3261	3266	rBV2	155200	228610	2.86%	0.233%
88	22.231	3266	3275	3280	rBV	648015	1355780	16.99%	1.380%
89	22.296	3282	3286	3294	rVB2	370702	809281	10.14%	0.824%
90	22.384	3297	3301	3305	rVB3	148794	243389	3.05%	0.248%
91	22.496	3315	3320	3324	rBV	341725	644817	8.08%	0.656%
92	22.625	3337	3342	3348	rVB3	217999	453497	5.68%	0.462%
93	23.289	3449	3455	3463	rVB3	238556	604290	7.57%	0.615%
94	23.671	3508	3520	3526	rBV	2302048	7824330	98.04%	7.965%
95	23.894	3552	3558	3566	rVB	425339	964477	12.09%	0.982%
96	24.088	3585	3591	3605	rBV4	162780	727719	9.12%	0.741%
97	24.352	3627	3636	3643	rBV	1091054	3257873	40.82%	3.316%
98	24.505	3653	3662	3671	rVB	1962452	5309123	66.53%	5.404%
99	24.705	3690	3696	3710	rVB2	535405	1682544	21.08%	1.713%
100	28.183	4273	4288	4305	rVB3	692699	3502998	43.89%	3.566%

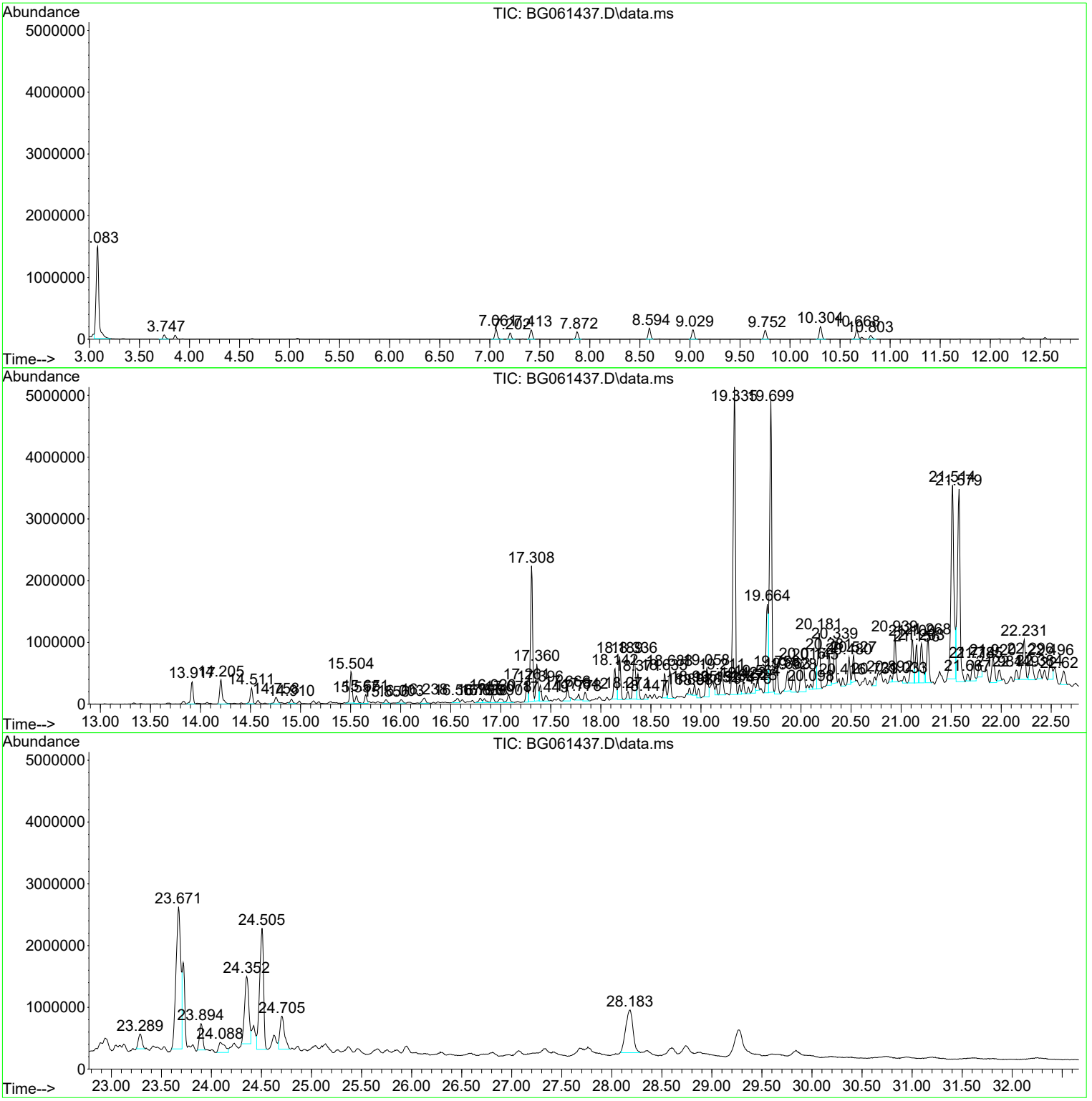
Sum of corrected areas: 98239824

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

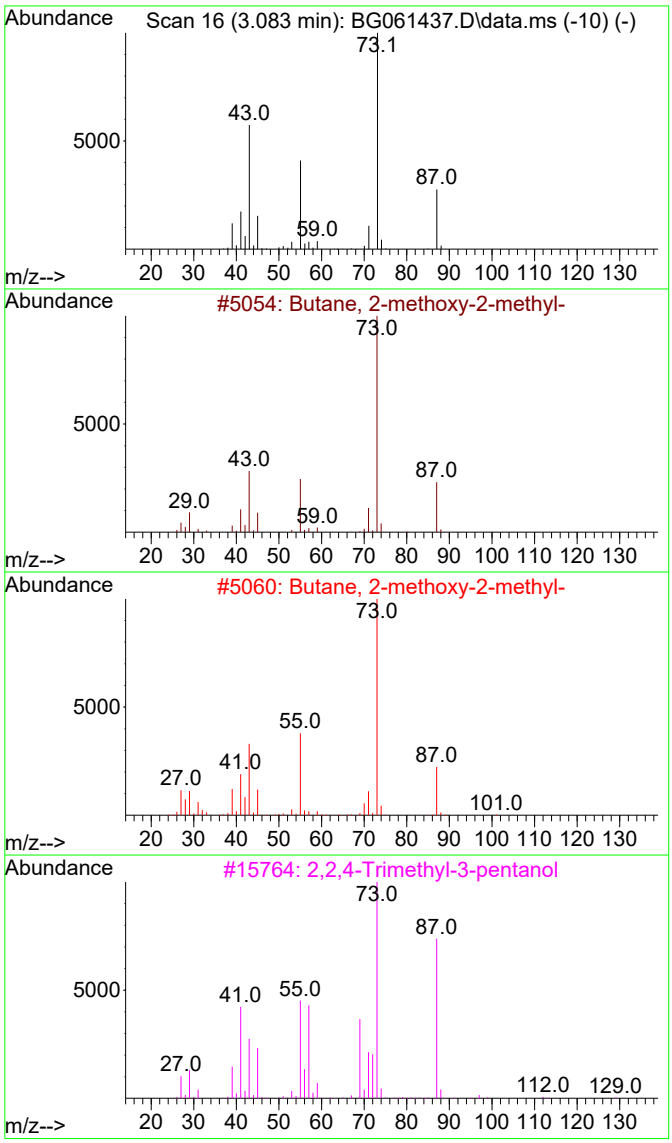
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

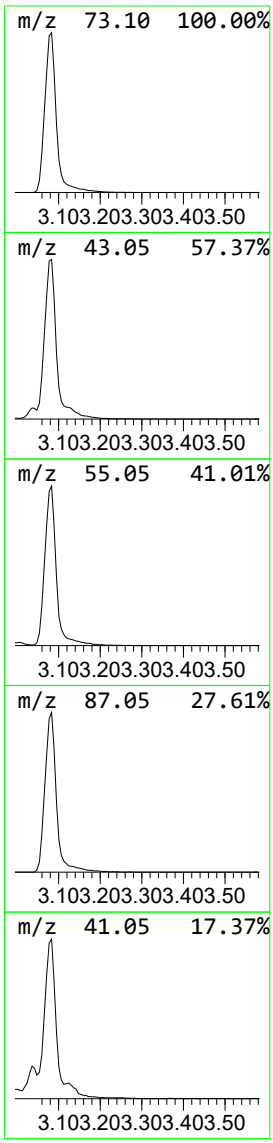
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	295.19 ng/ul	2931560	1,4-Dichlorobenzene-d4	7.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

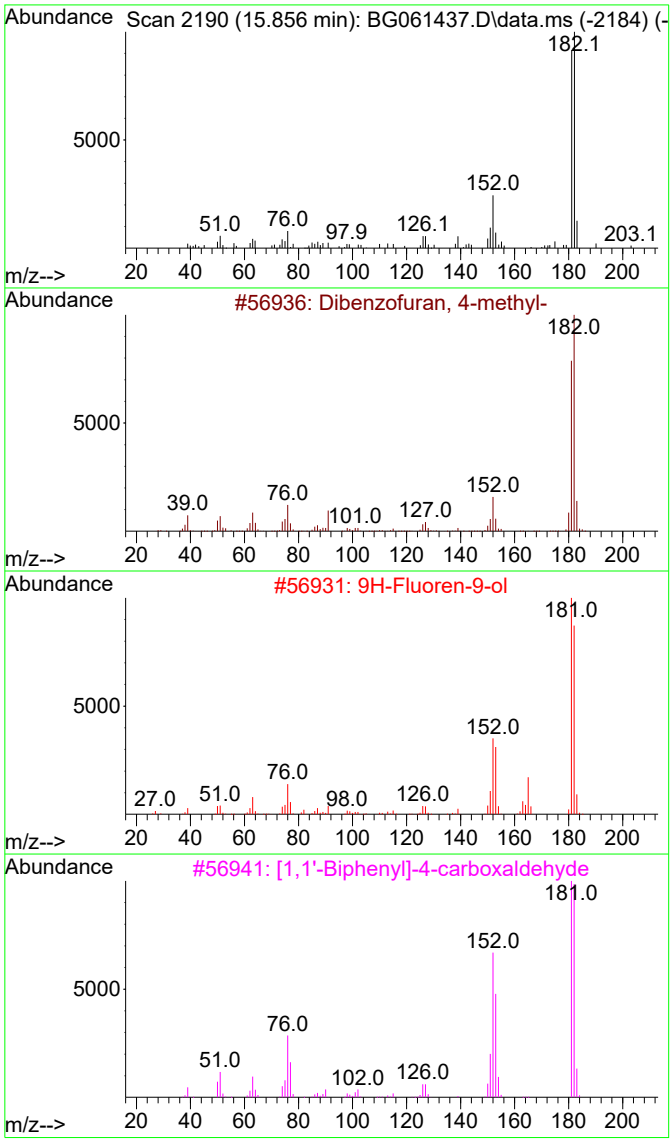
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

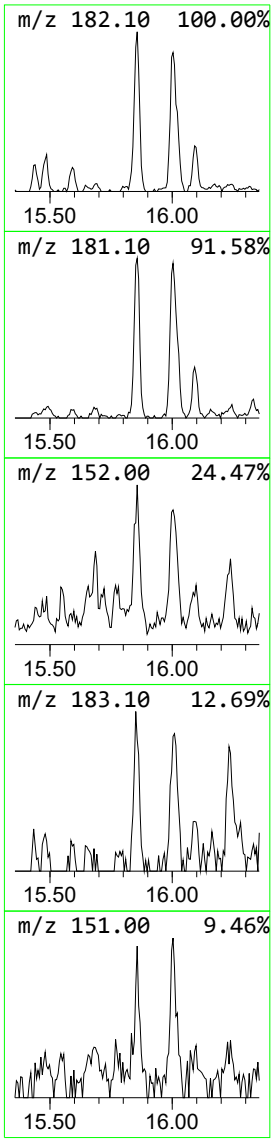
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.856	5.39 ng/ul	111134	Acenaphthene-d10	14.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

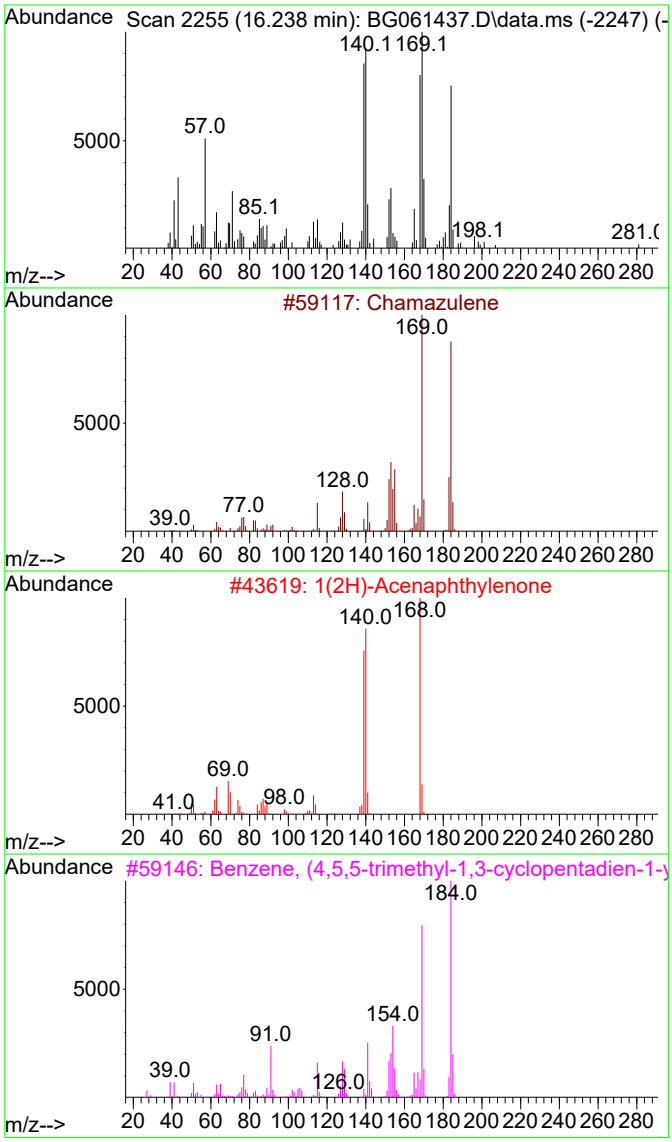
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

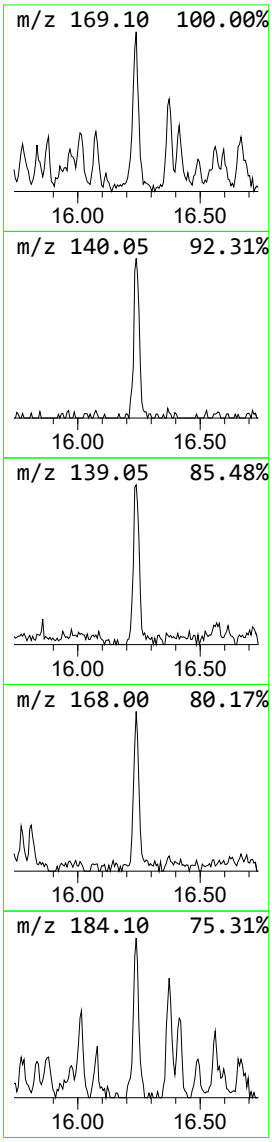
****

Peak Number 4 Chamazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.238	8.33 ng/ul	197453	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	60
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	46
4	Chamazulene	184	C14H16	000529-05-5	46
5	o-Chloro-N,N-diethylaniline	183	C10H14ClN	019372-80-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

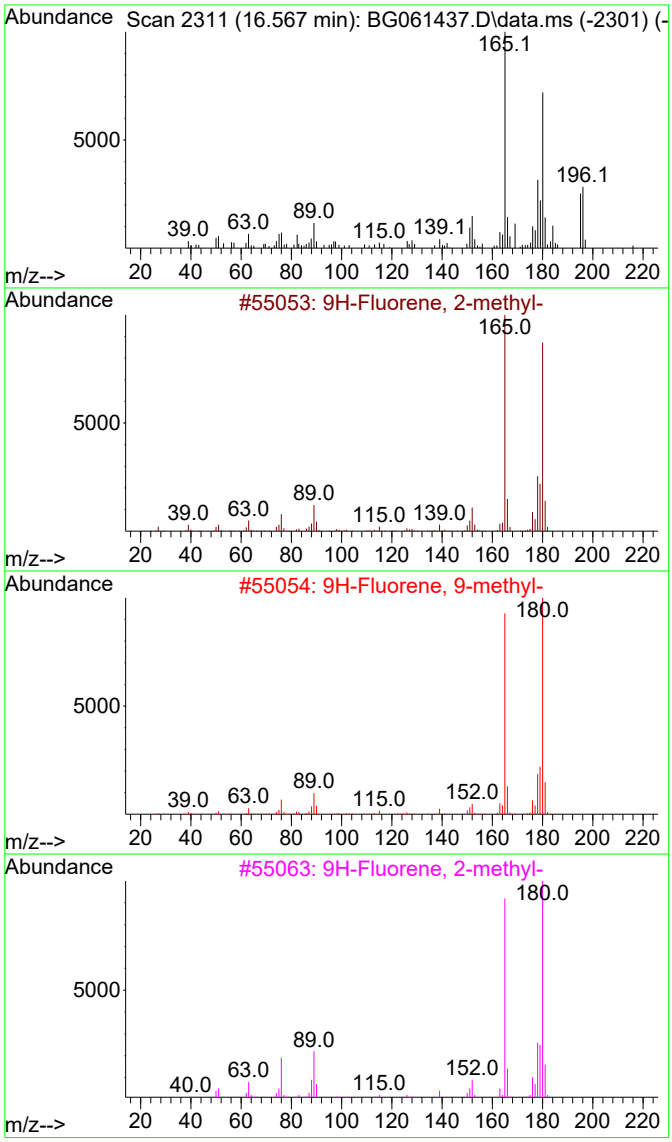
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

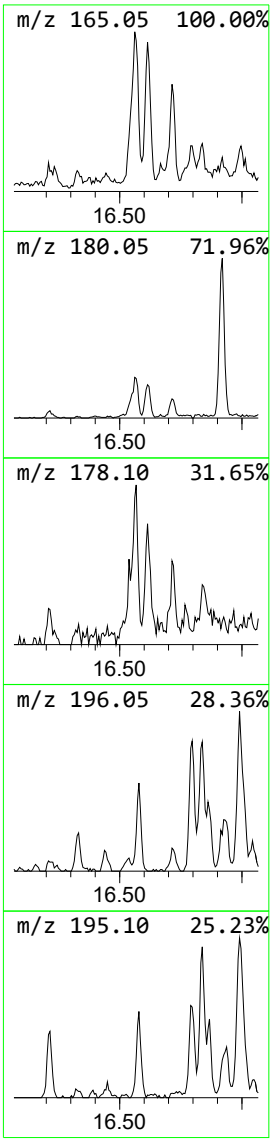
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.567	7.19 ng/ul	170477	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

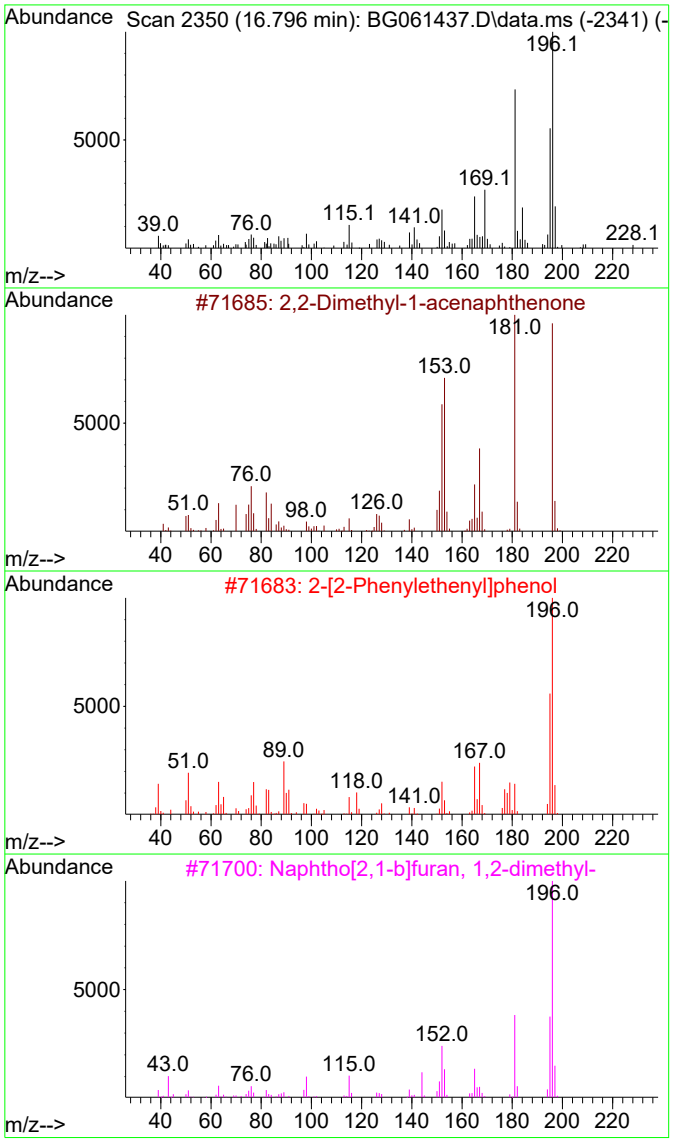
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

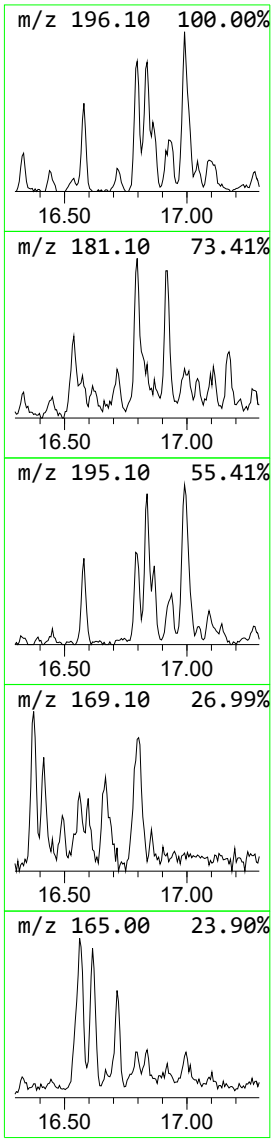
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dimethyl-1-acenaphthenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.796	6.52 ng/ul	154451	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	58
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
4	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	47
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

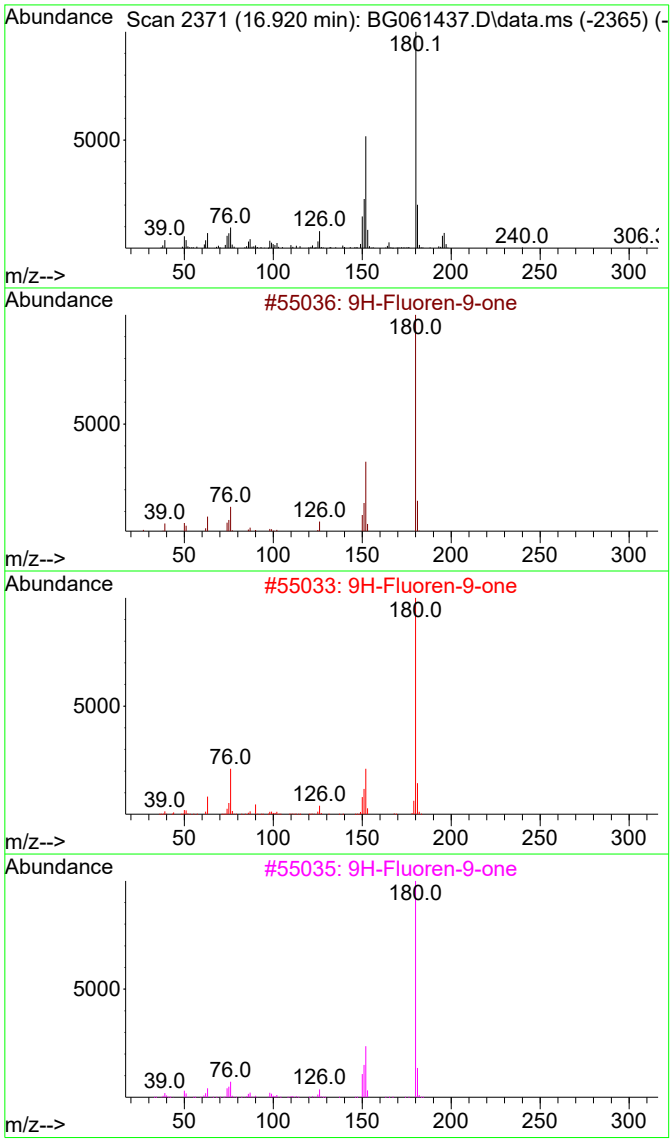
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

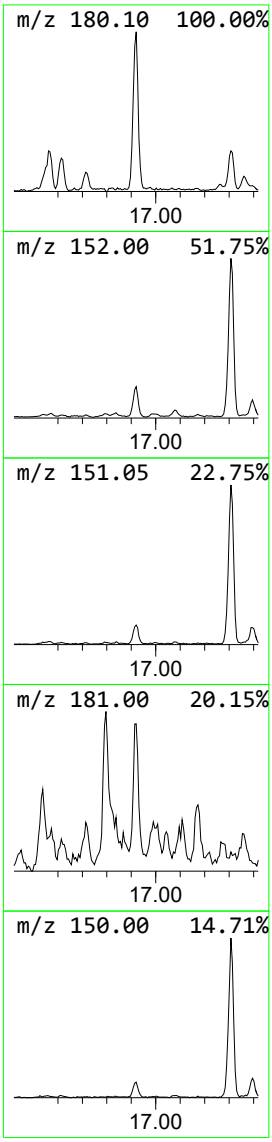
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.920	9.67 ng/ul	229129	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

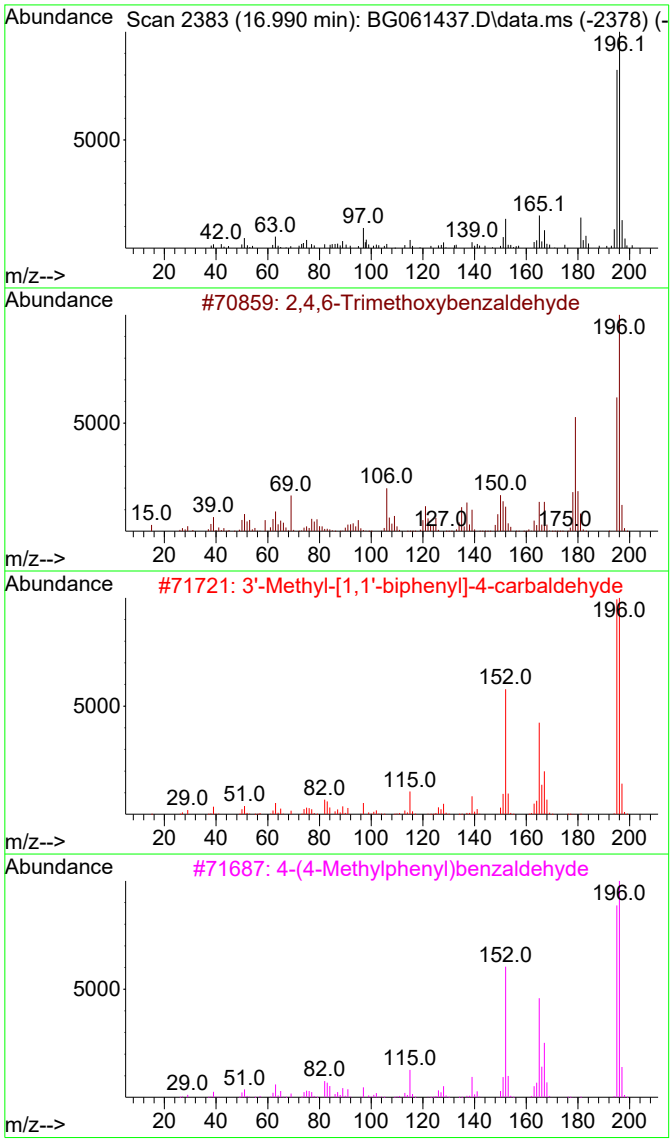
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

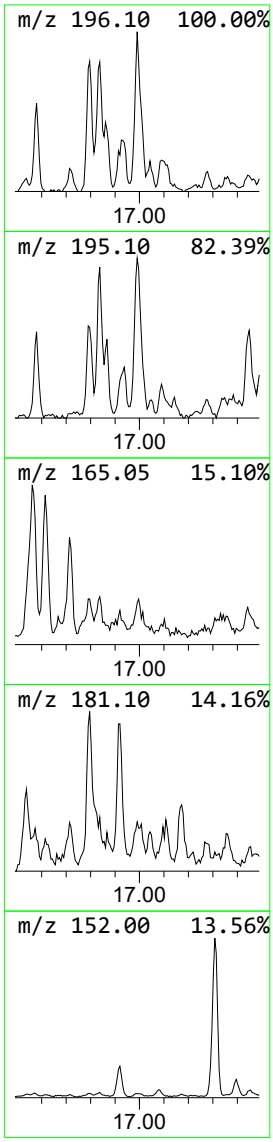
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,6-Trimethoxybenzaldehyde Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	7.45 ng/ul	176439	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	86
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

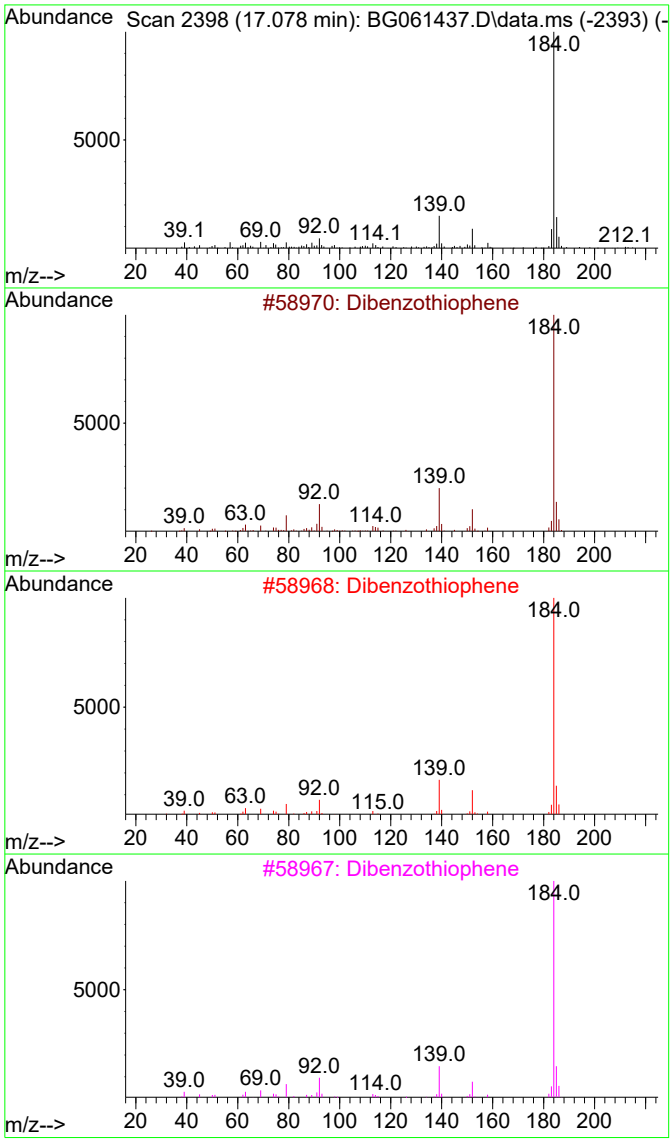
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

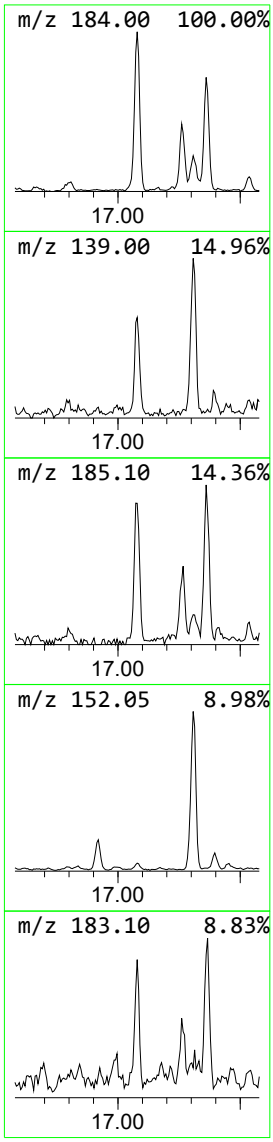
****

Peak Number 10 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.078	9.28 ng/ul	219833	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

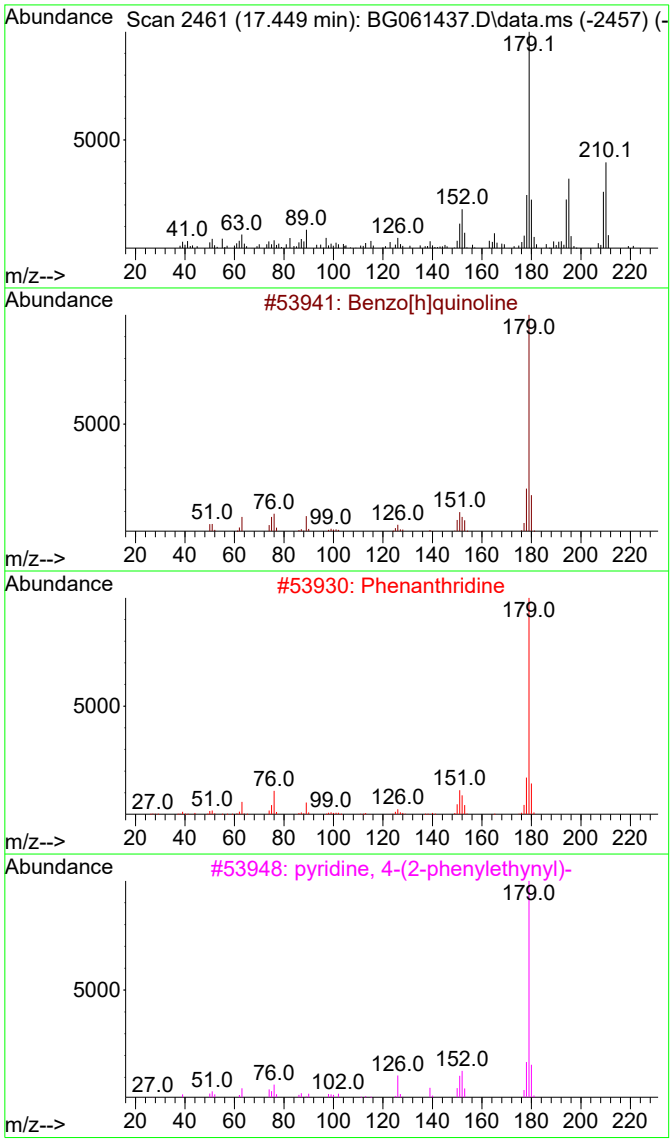
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

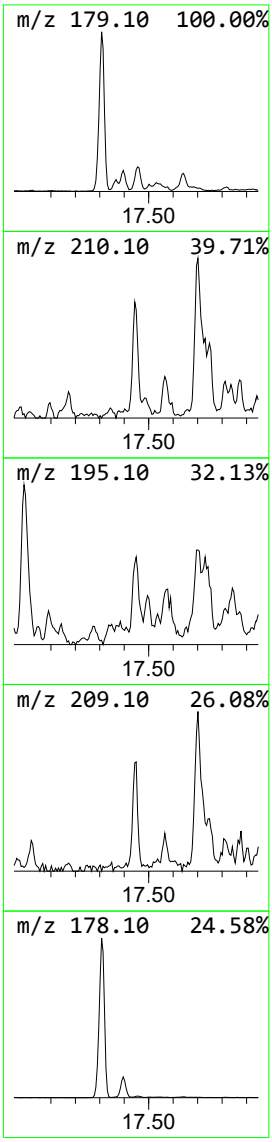
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[h]quinoline Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.449	6.76 ng/ul	160112	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
2	Phenanthridine	179	C13H9N	000229-87-8	50
3	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	49
4	Phenanthridine	179	C13H9N	000229-87-8	45
5	Acridine	179	C13H9N	000260-94-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

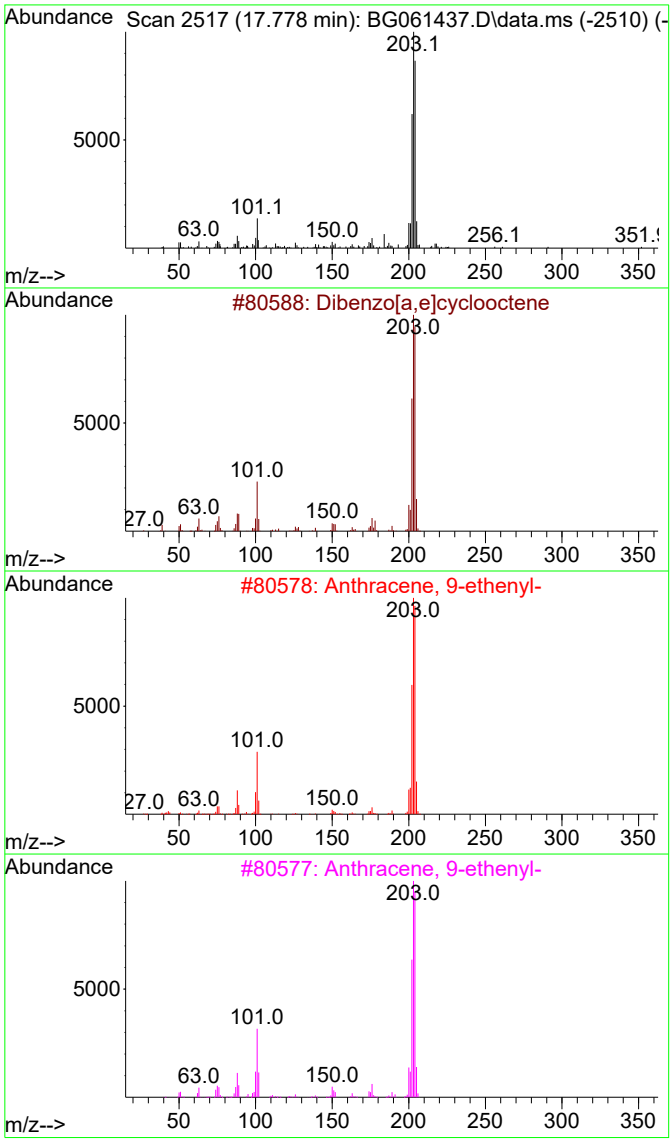
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

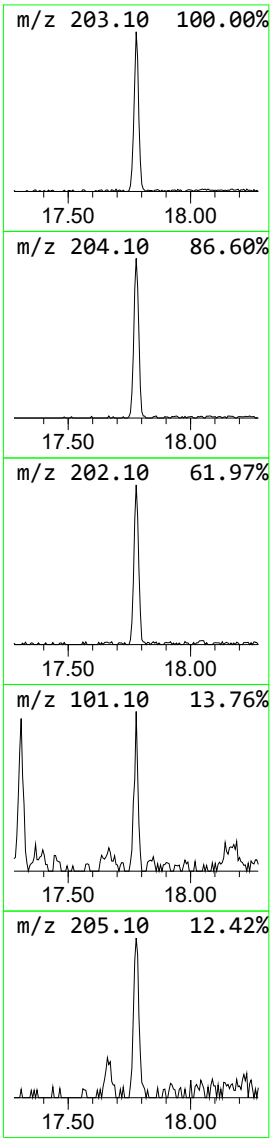
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dibenzo[a,e]cyclooctene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.778	6.34 ng/ul	150212	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	94
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

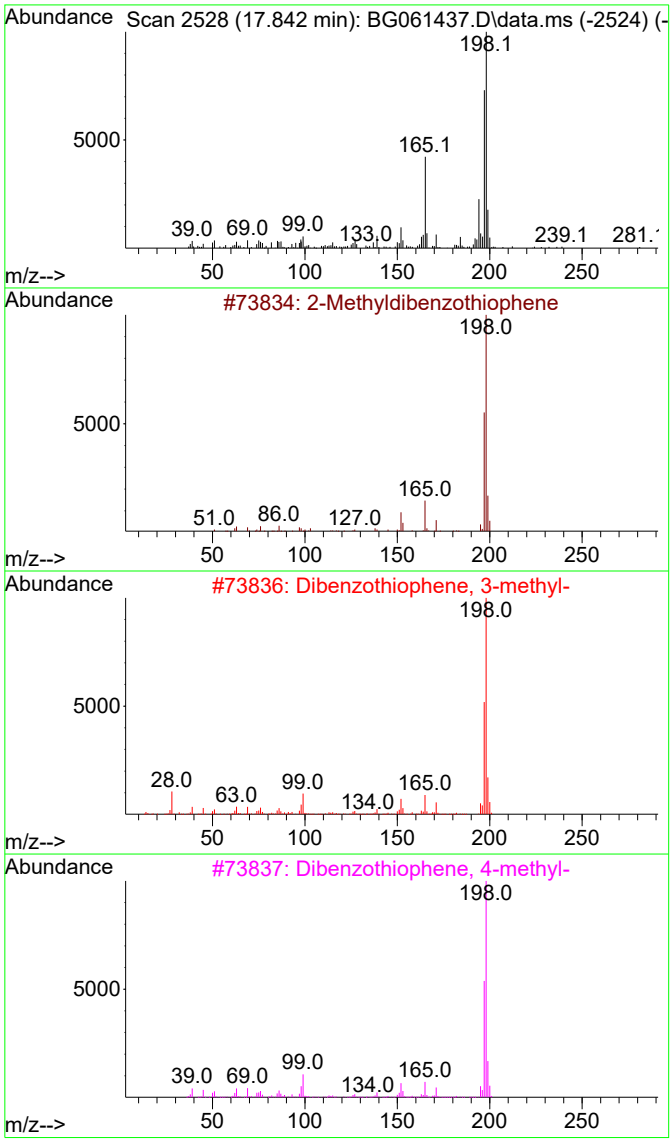
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

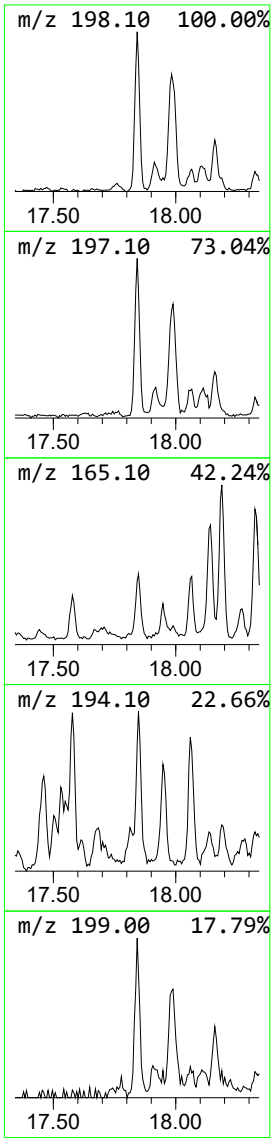
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Methyldibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.842	10.02 ng/ul	237344	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	81
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	50
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

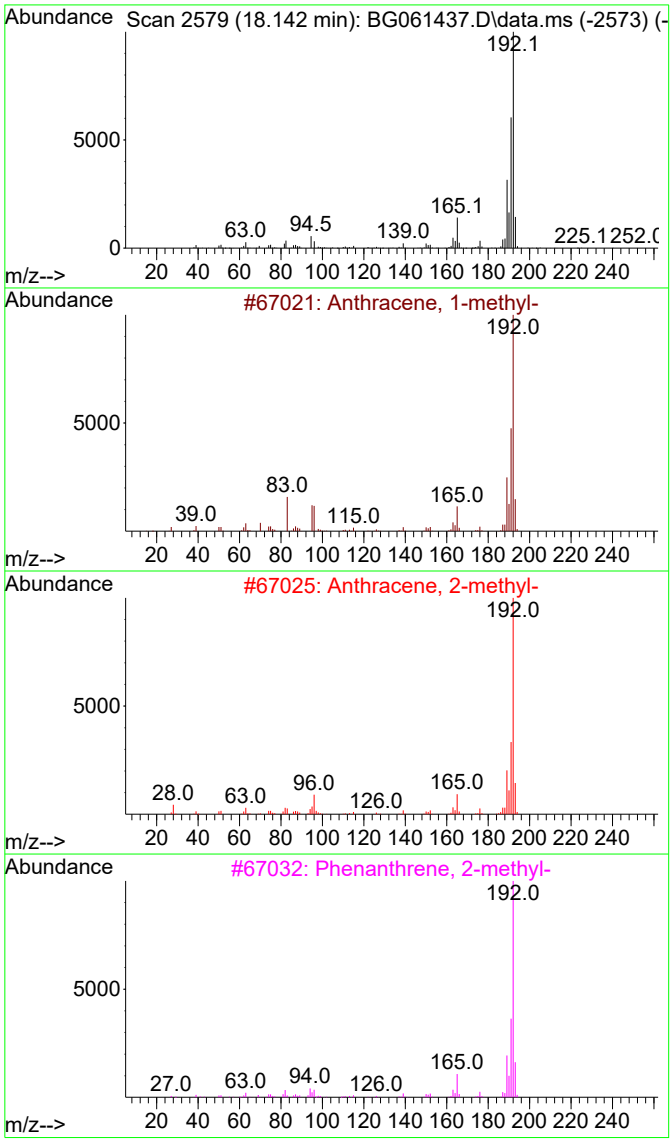
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

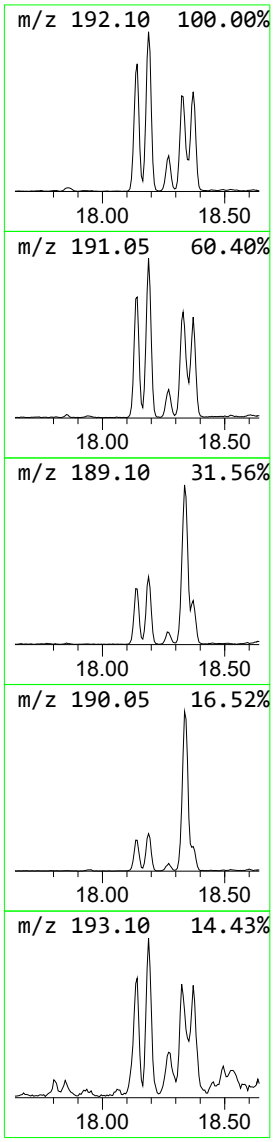
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	34.49 ng/ul	817288	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

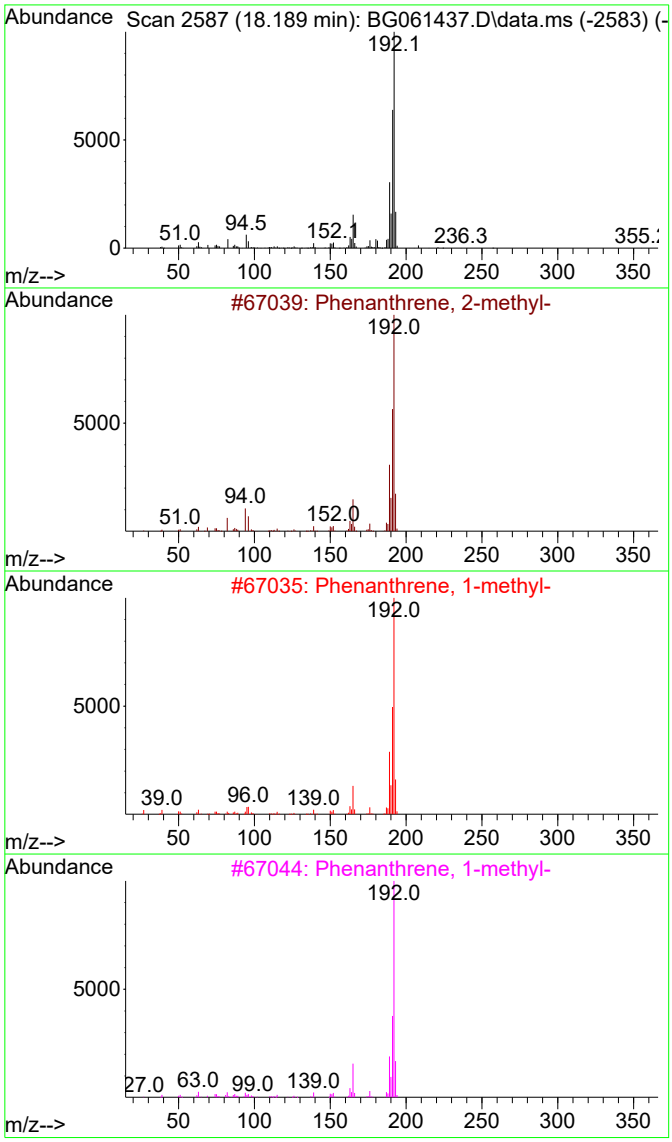
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

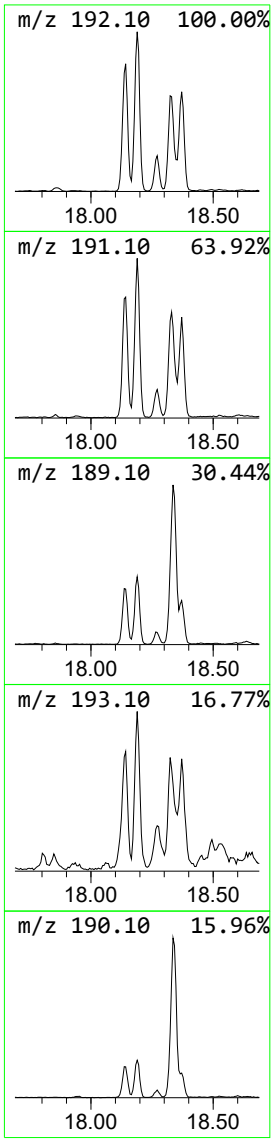
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	43.14 ng/ul	1022340	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

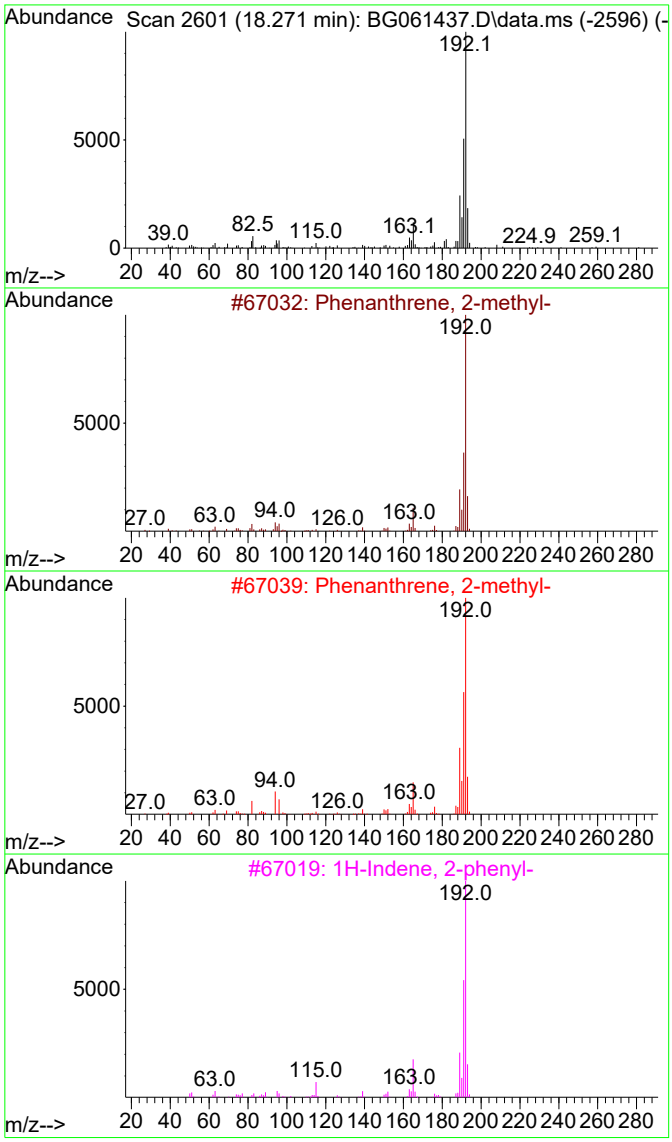
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

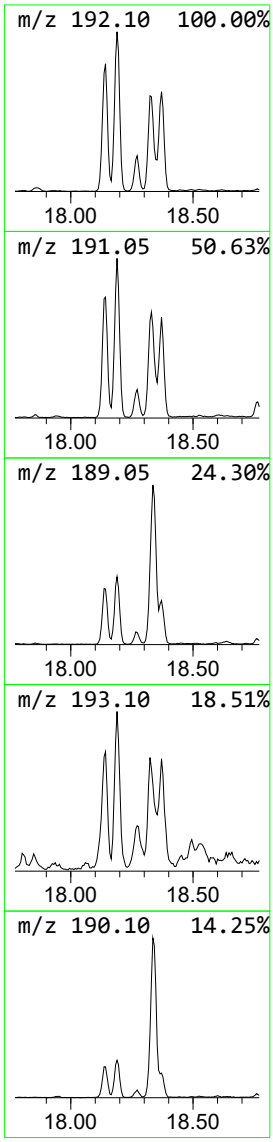
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.271	7.50 ng/ul	177843	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

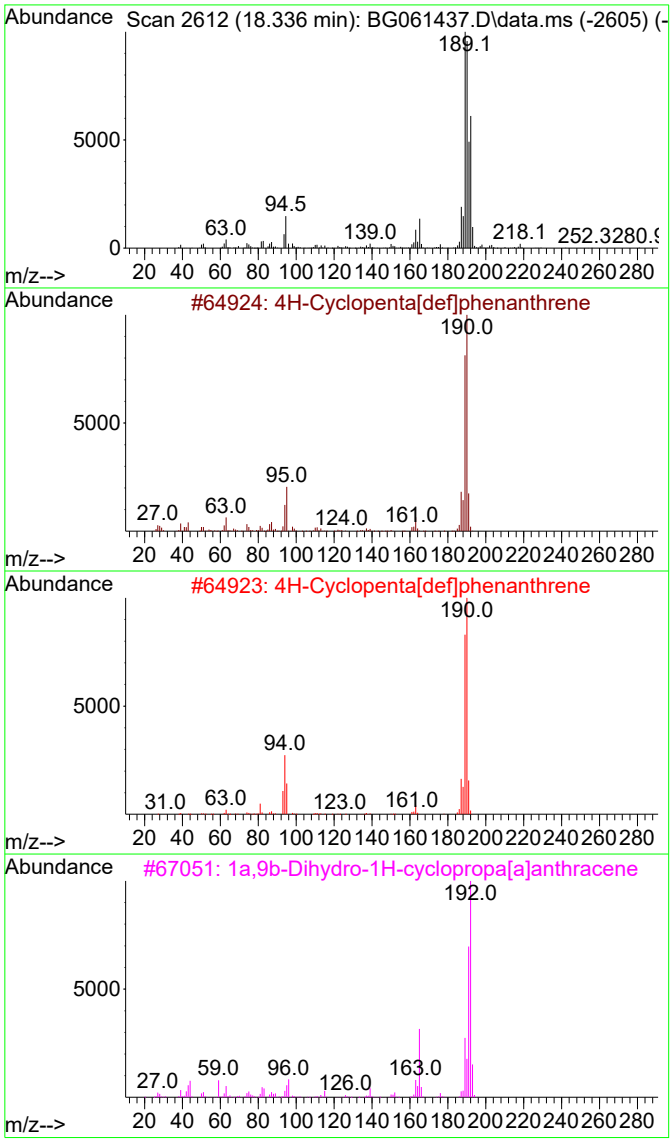
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

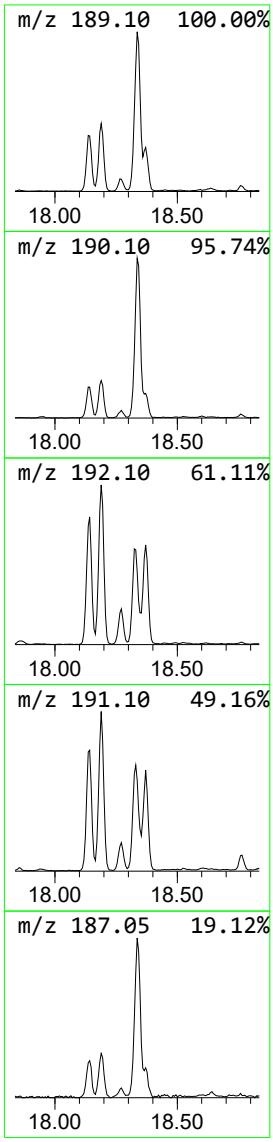
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.336	56.07 ng/ul	1328720	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

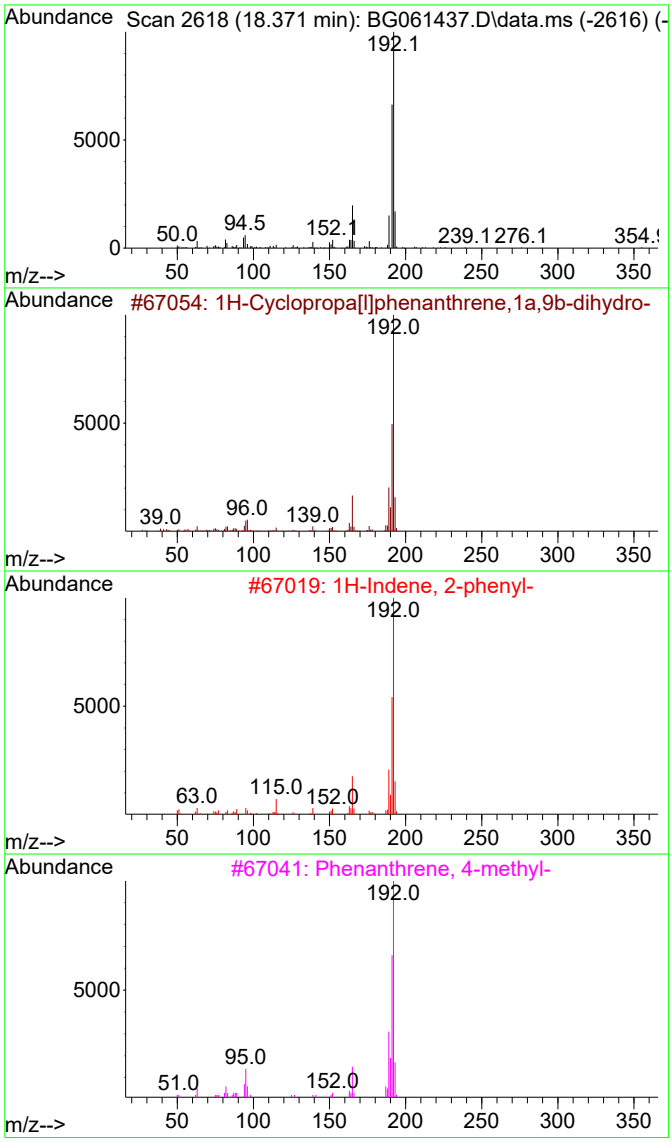
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

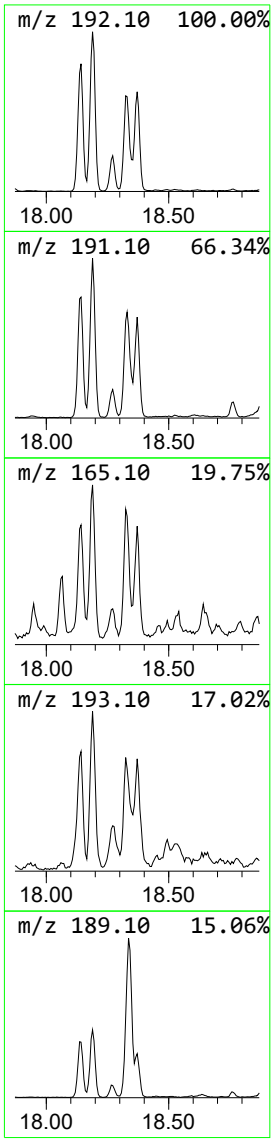
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	20.41 ng/ul	483679	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

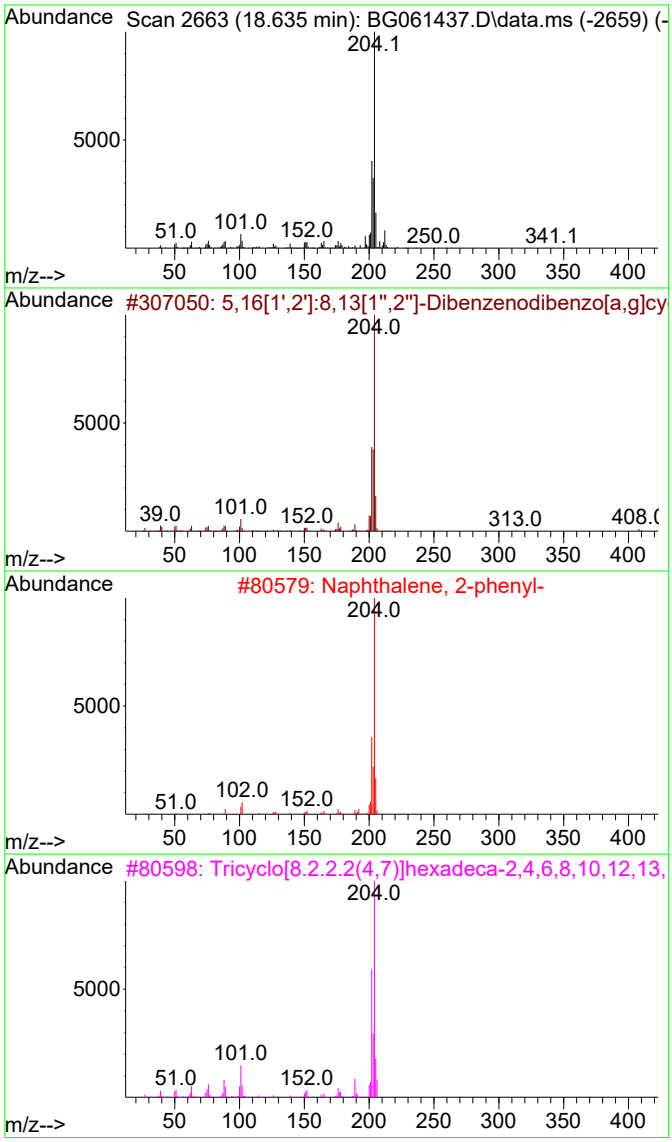
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

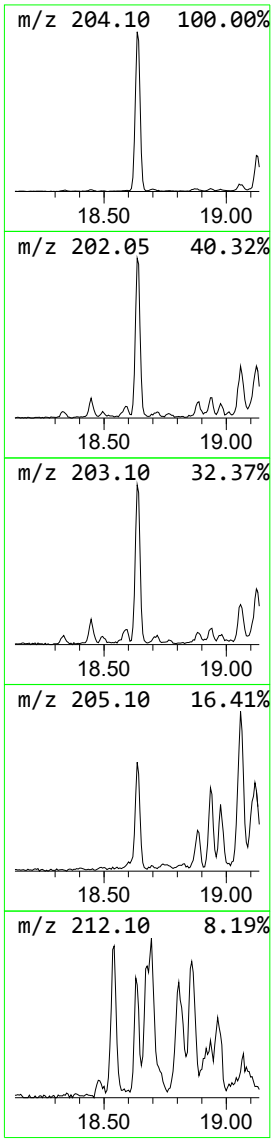
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	23.86 ng/ul	565374	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

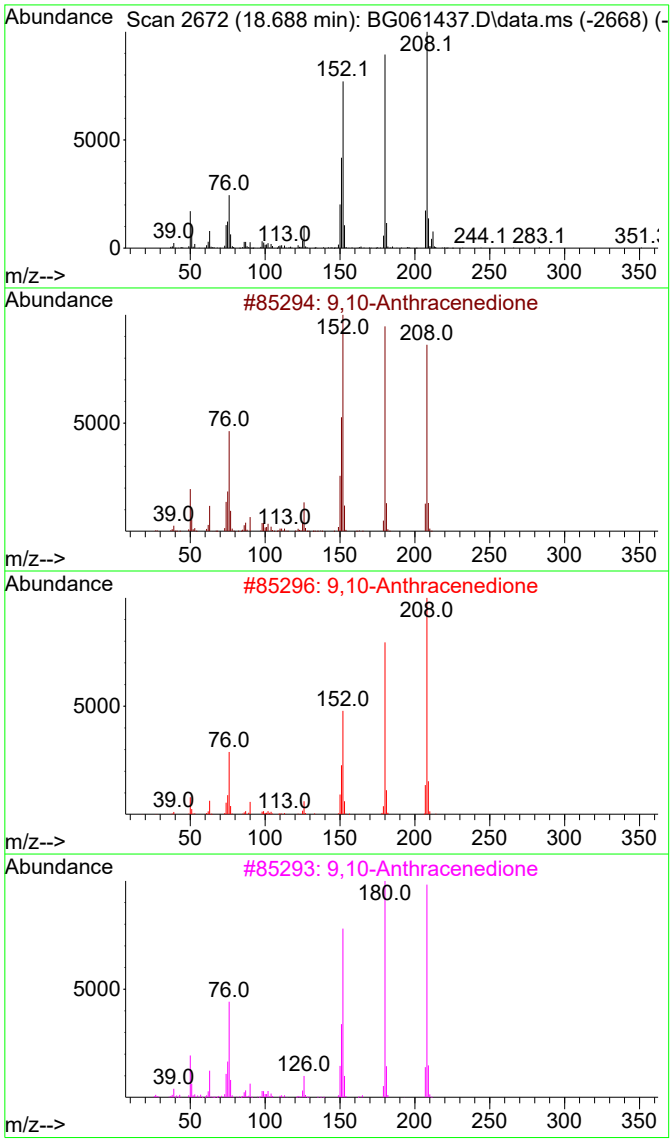
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

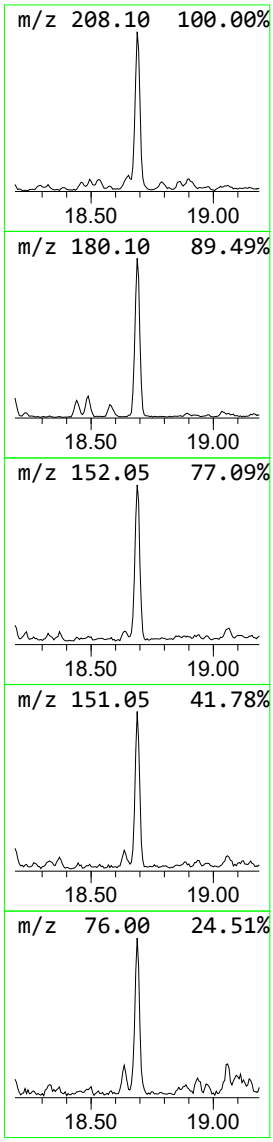
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	29.51 ng/ul	699258	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

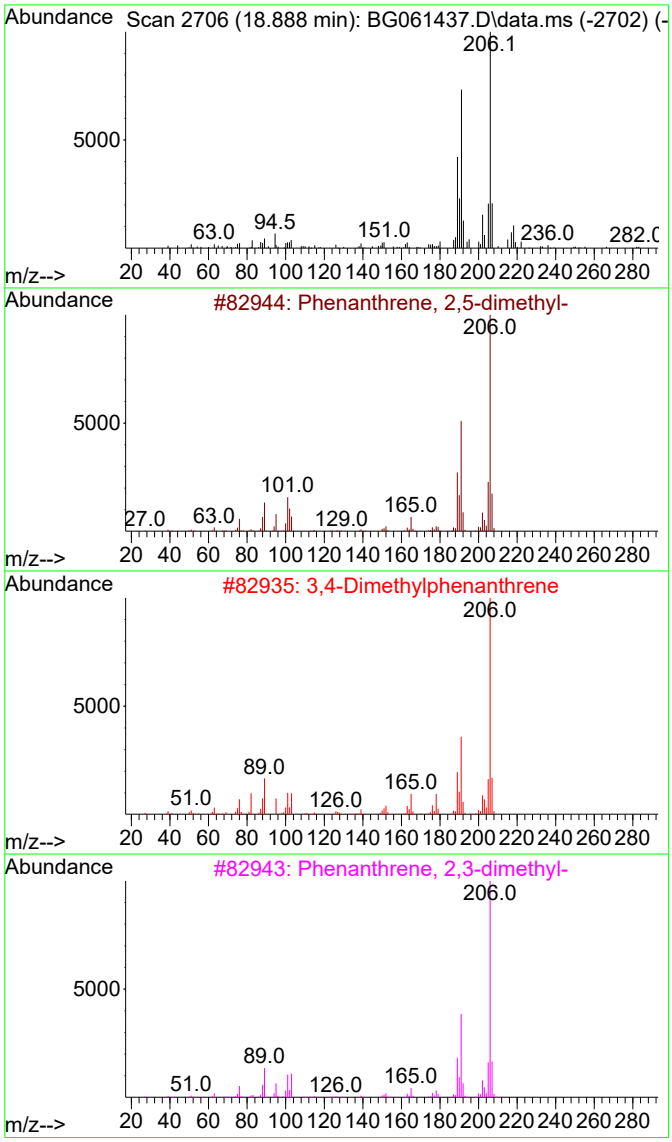
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

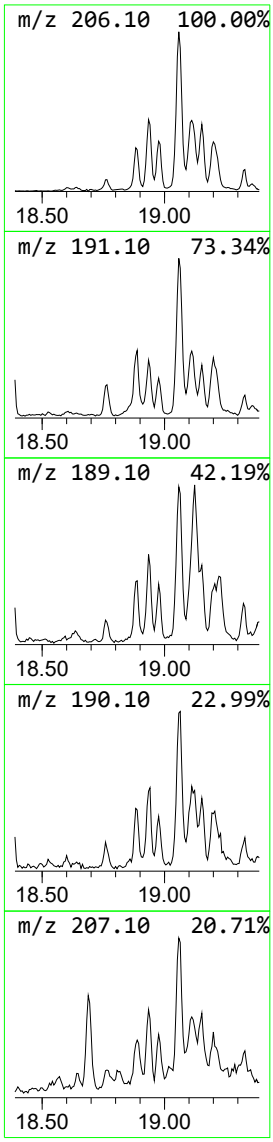
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.888	5.78 ng/ul	137063	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

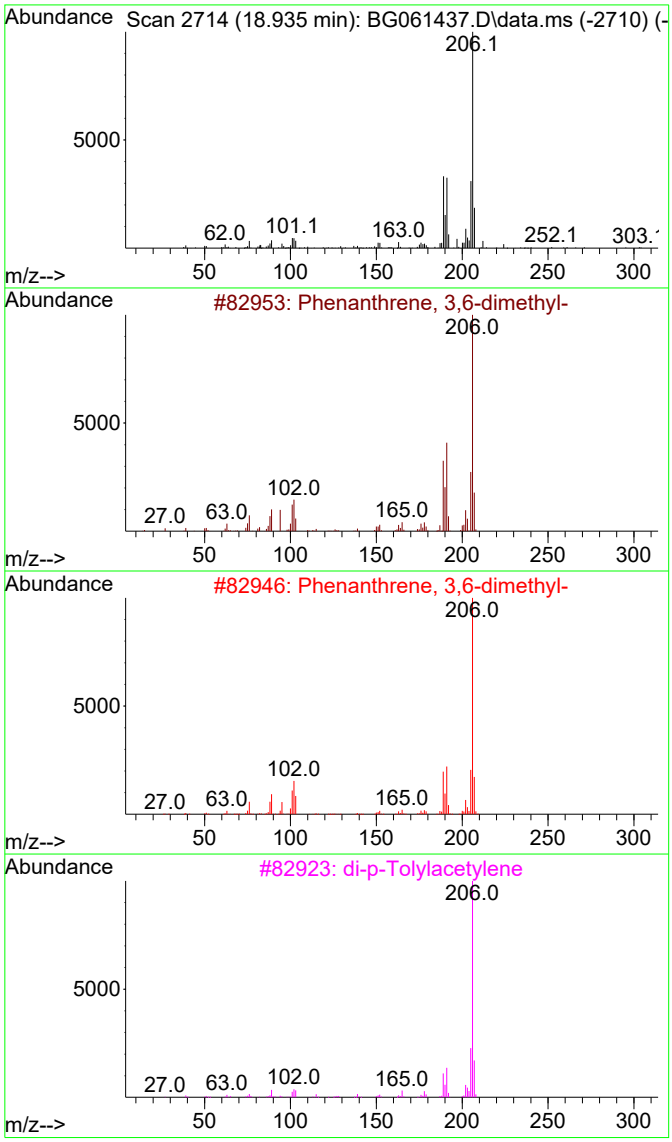
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

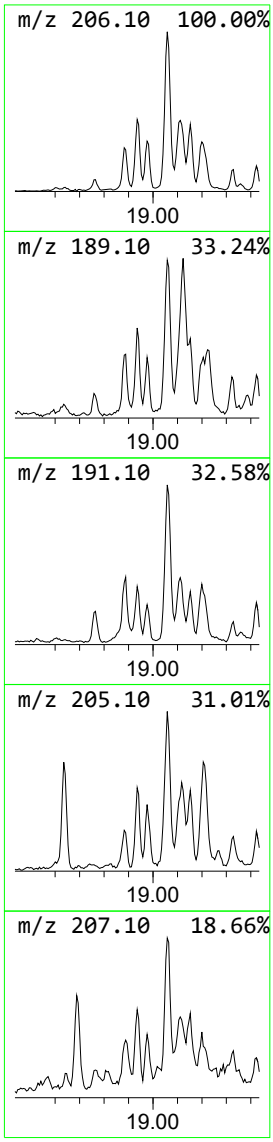
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.935	8.33 ng/ul	197411	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

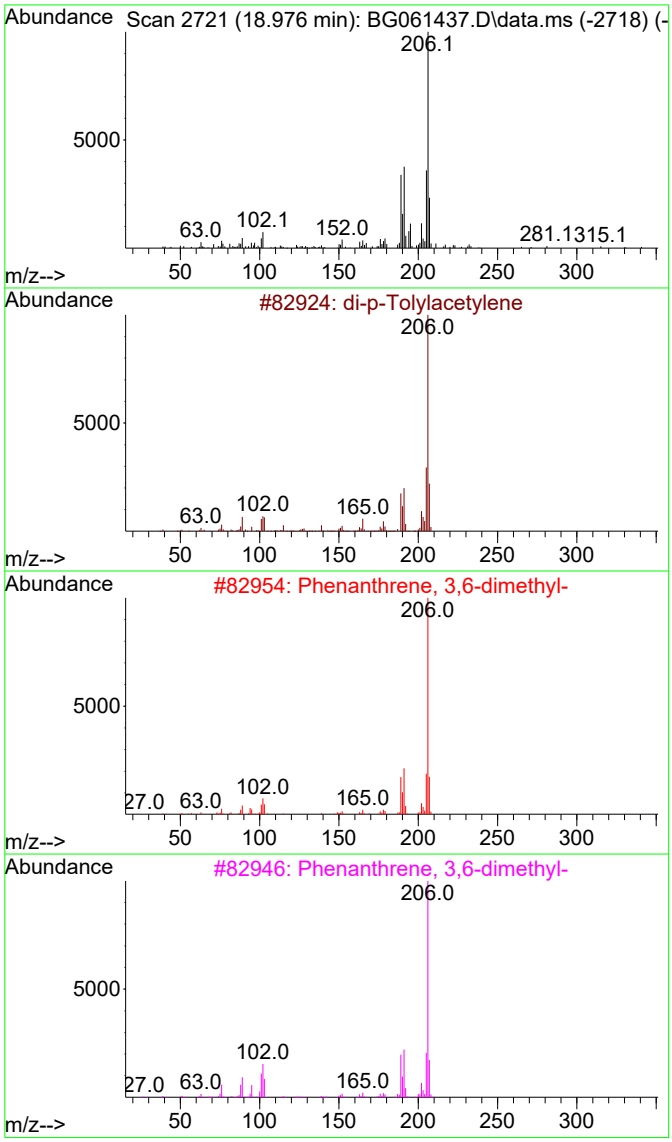
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

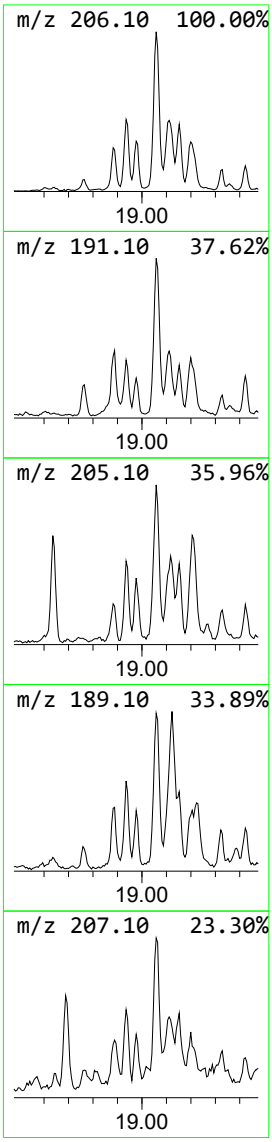
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.976	8.14 ng/ul	192979	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

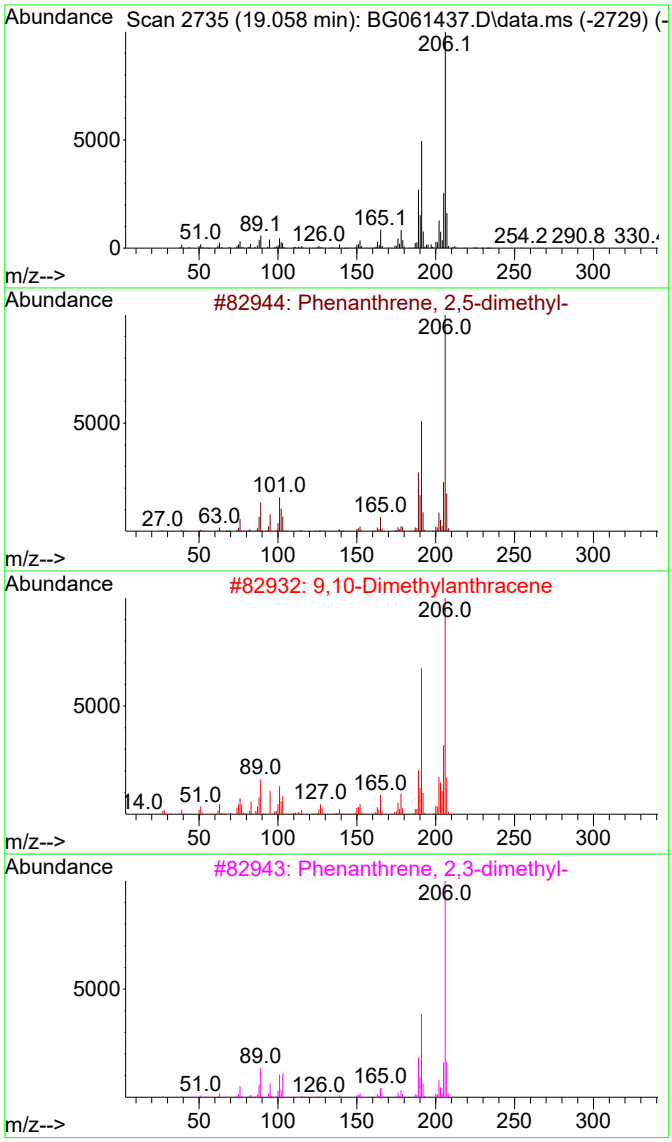
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

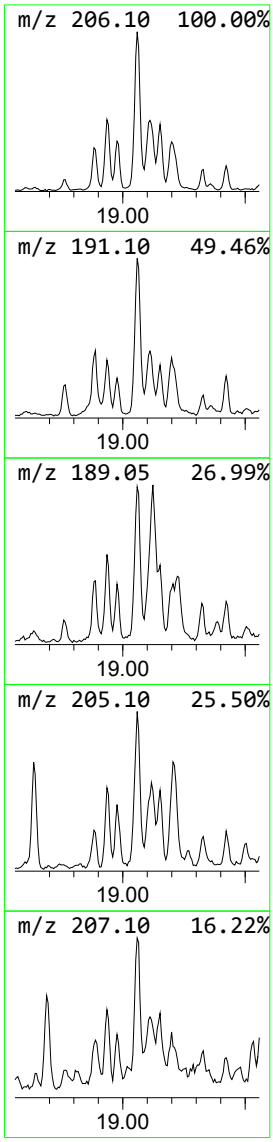
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	33.24 ng/ul	787727	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

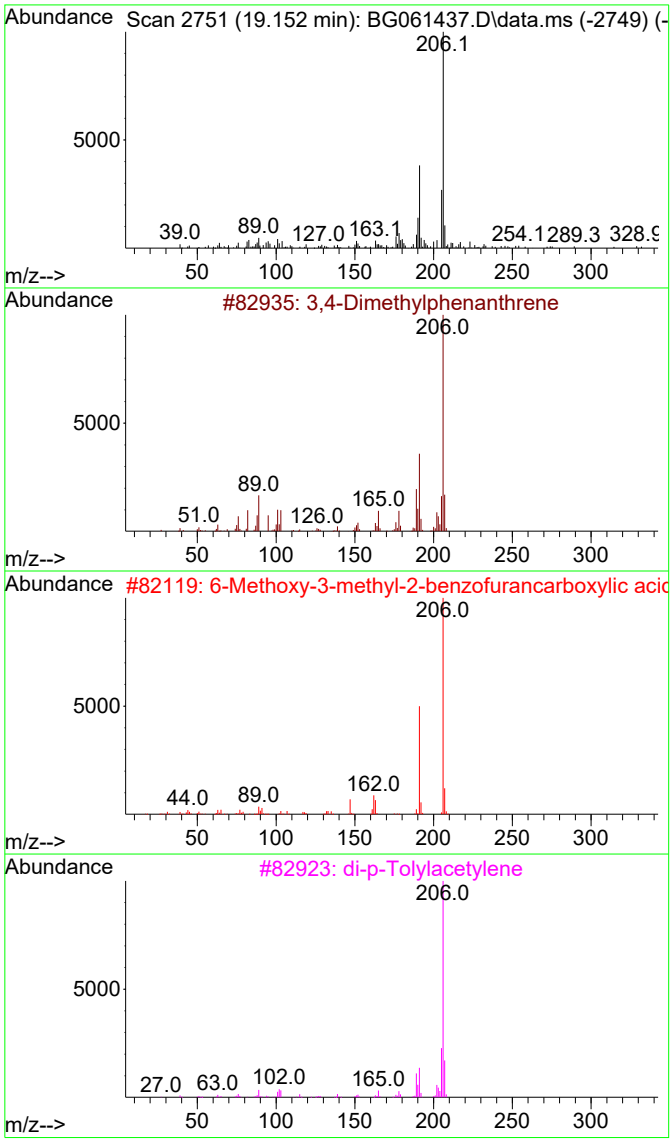
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

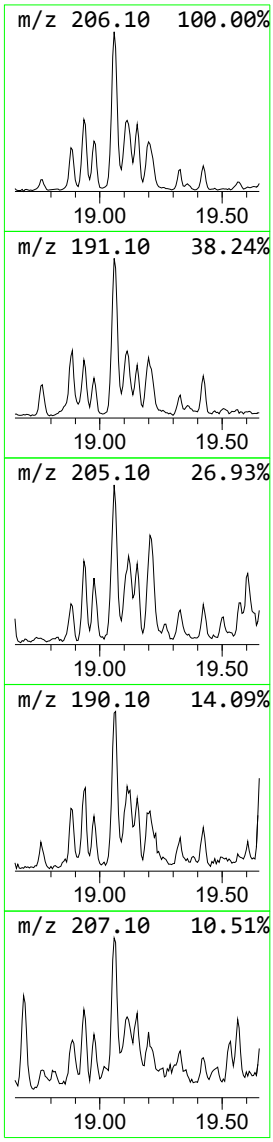
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 3,4-Dimethylphenanthrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.153	6.12 ng/ul	145008	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	72
2	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	64
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	59
4	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	59
5	5-Ethynyl-4,7-dimethoxy-2H-1,3-b...	206	C11H10O4	1000411-41-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

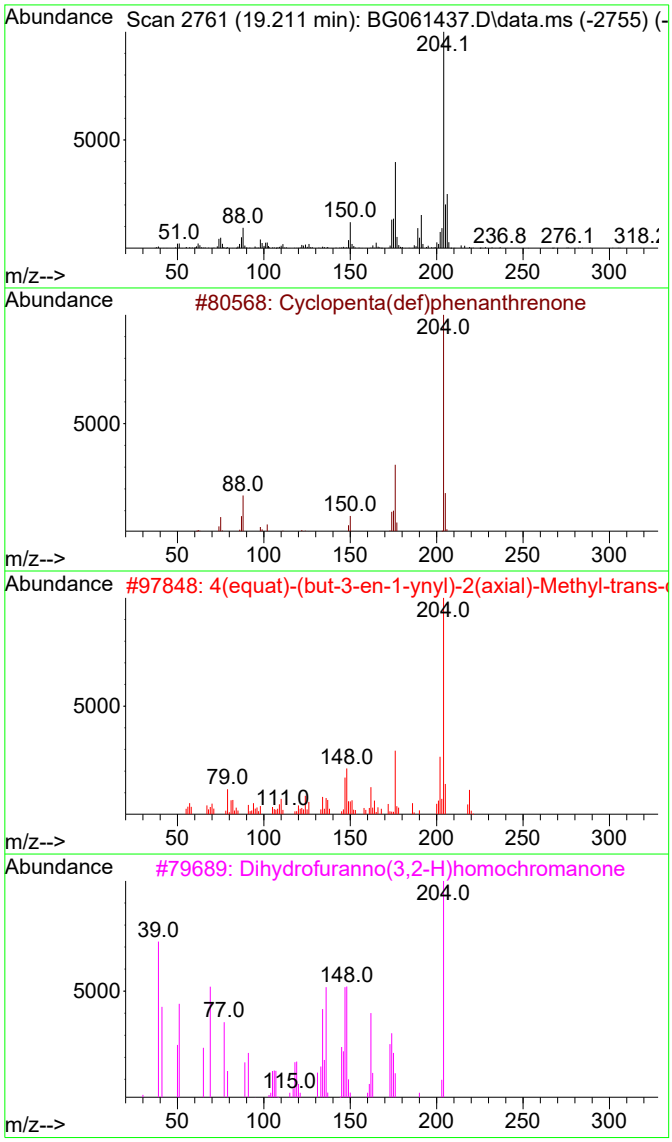
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

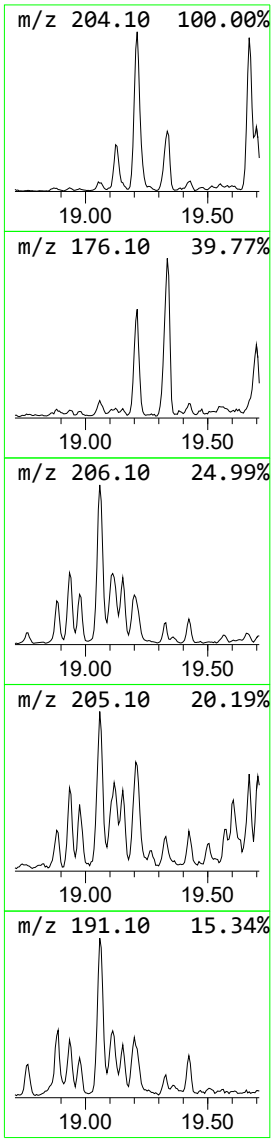
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.211	28.58 ng/ul	677197	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	45
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

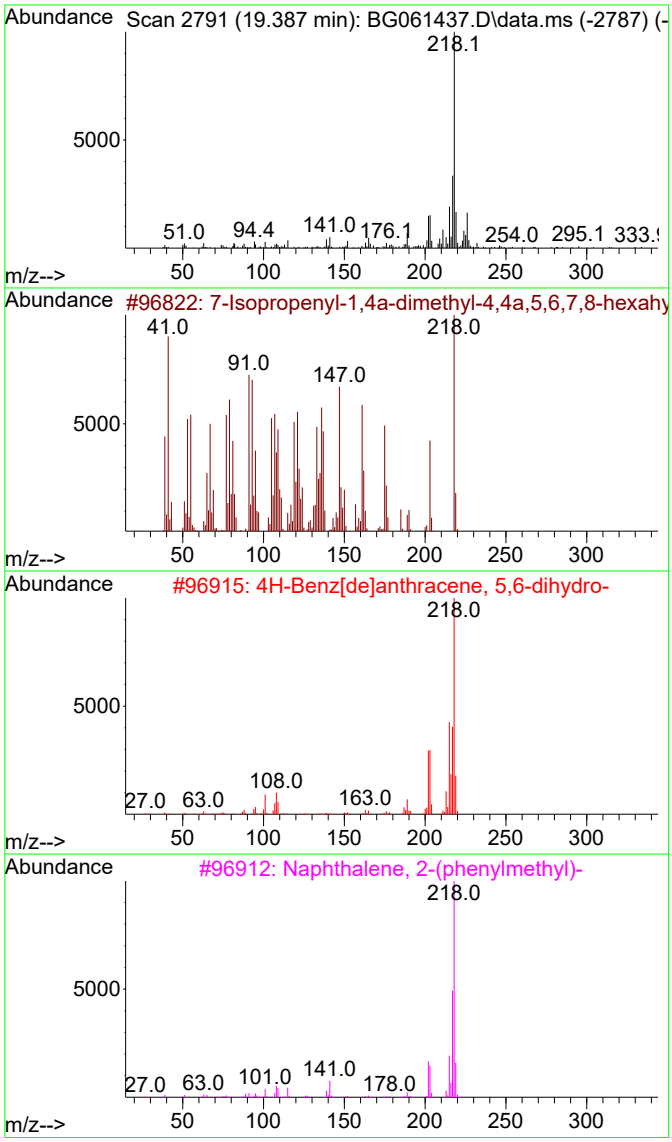
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

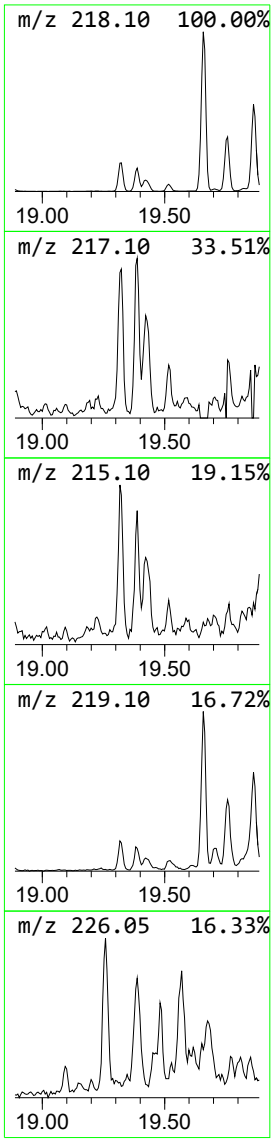
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.387	8.42 ng/ul	199641	Phenanthrene-d10	17.261

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	94
2	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	76
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	68
4	1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	64
5	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

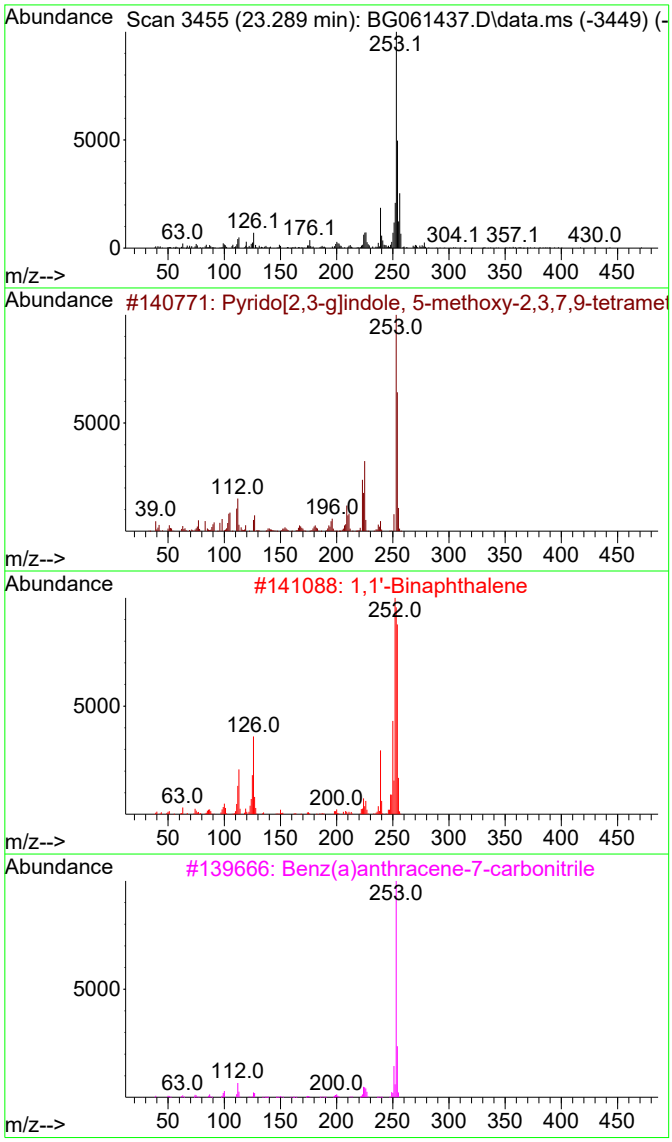
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

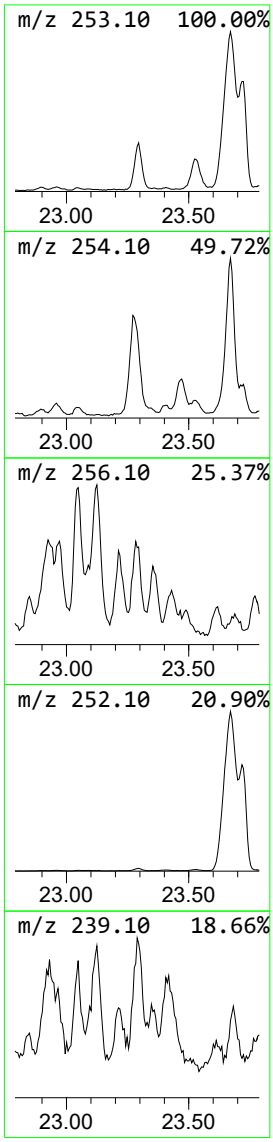
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.289	7.18 ng/ul	604290	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	58
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	55
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

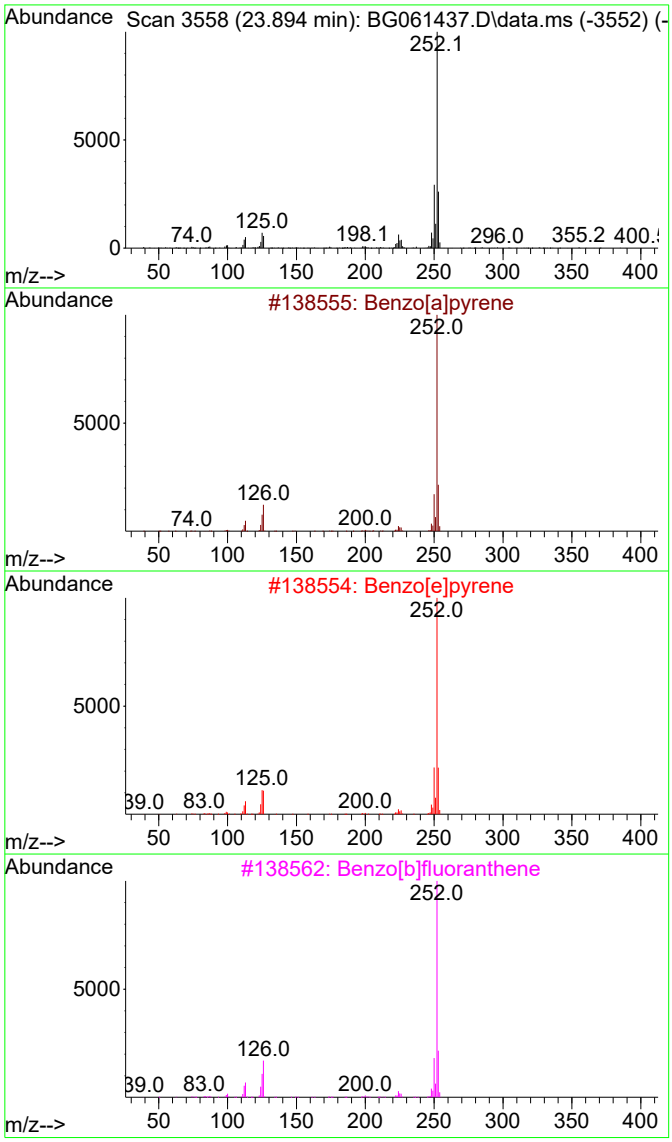
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

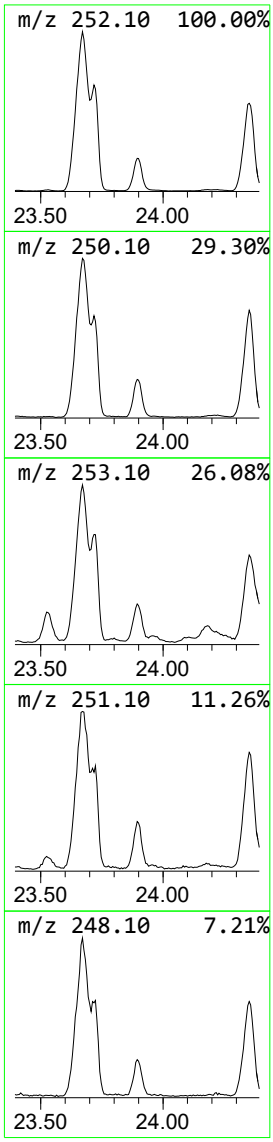
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.894	11.46 ng/ul	964477	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

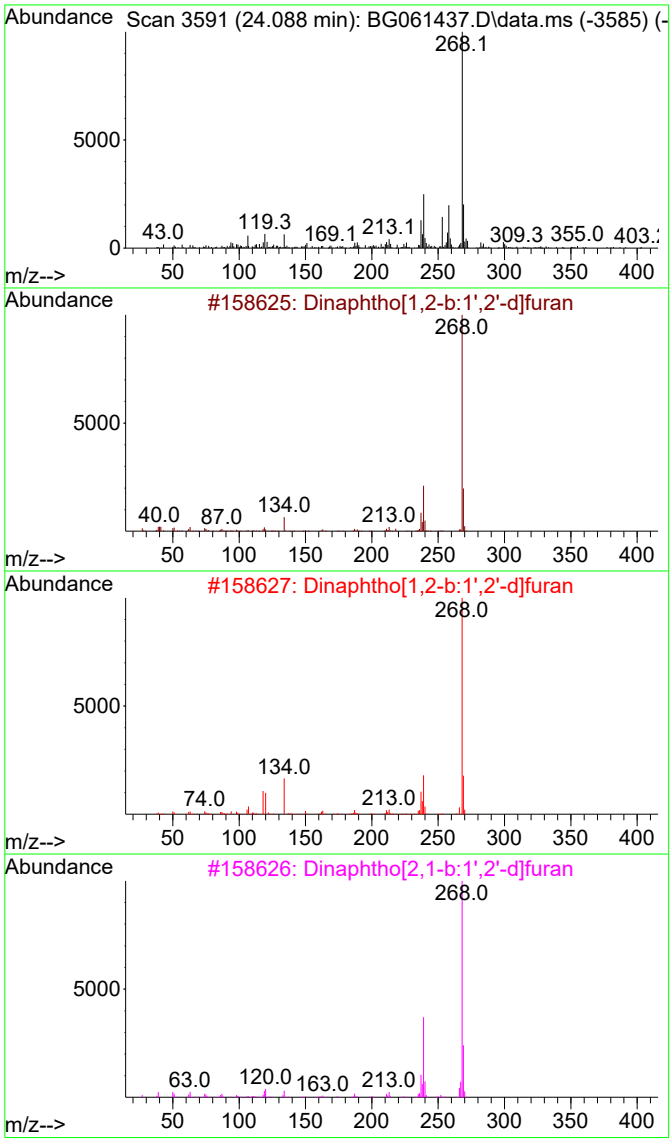
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

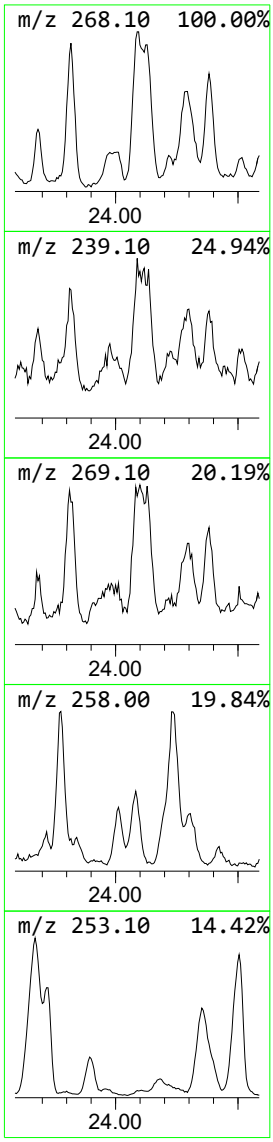
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.088	8.65 ng/ul	727719	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

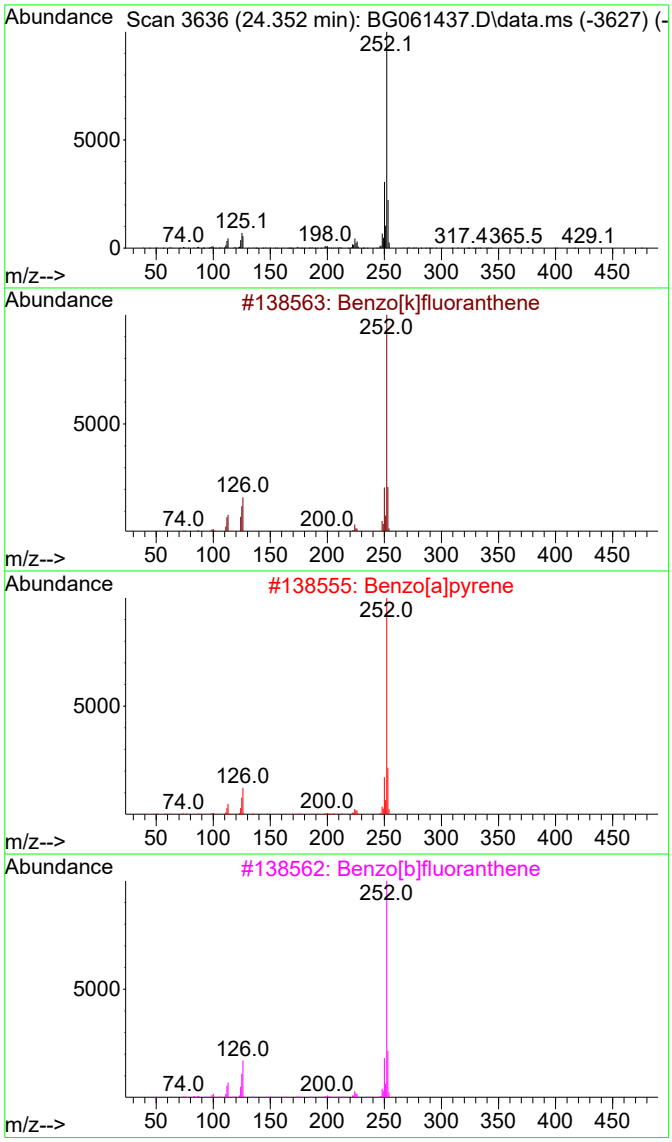
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

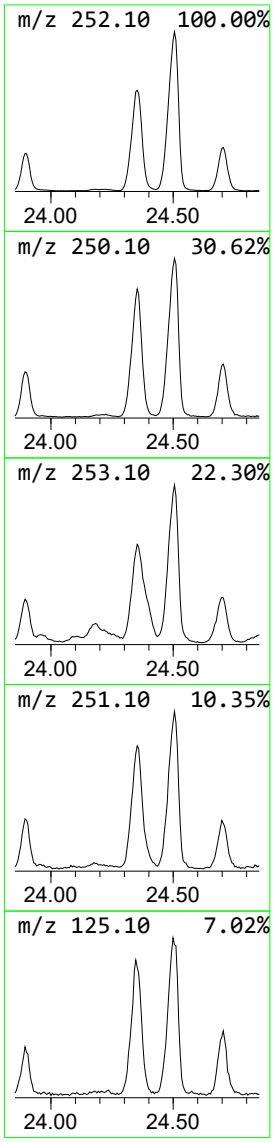
****

Peak Number 45 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.352	38.73 ng/ul	3257870	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

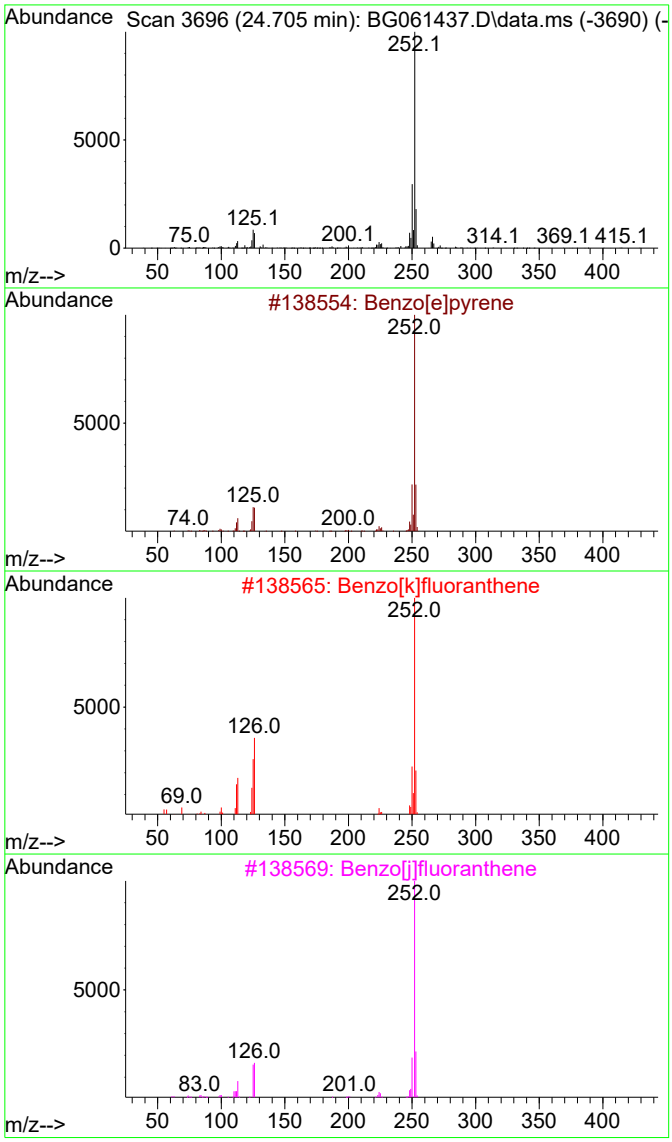
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

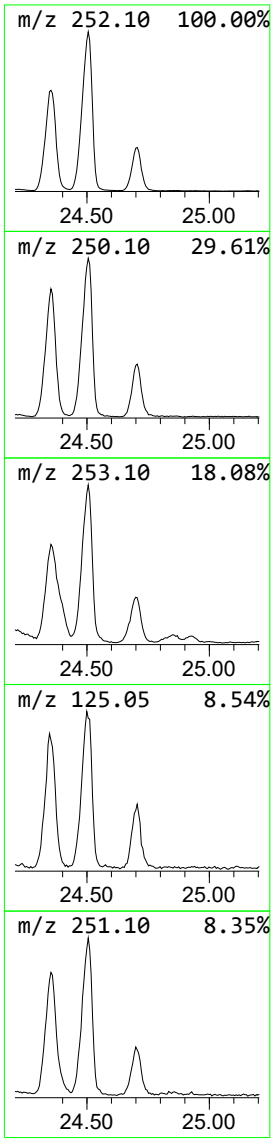
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzo[j]fluoranthene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.705	20.00 ng/ul	1682540	Perylene-d12	24.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061437.D
Acq On : 4 Jun 2024 1:02
Operator : MA/JU
Sample : P2589-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.083	295.2	ng/ul	2931560	1	7.872	198624	20.0
Dibenzofuran, 4...	15.856	5.4	ng/ul	111134	3	14.511	412072	20.0
Chamazulene	16.238	8.3	ng/ul	197453	4	17.261	473943	20.0
9H-Fluorene, 2-...	16.567	7.2	ng/ul	170477	4	17.261	473943	20.0
2,2-Dimethyl-1-...	16.796	6.5	ng/ul	154451	4	17.261	473943	20.0
9H-Fluoren-9-one	16.920	9.7	ng/ul	229129	4	17.261	473943	20.0
2,4,6-Trimethox...	16.990	7.5	ng/ul	176439	4	17.261	473943	20.0
Dibenzothiophene	17.078	9.3	ng/ul	219833	4	17.261	473943	20.0
Benzo[h]quinoline	17.449	6.8	ng/ul	160112	4	17.261	473943	20.0
Dibenzo[a,e]cyc...	17.778	6.3	ng/ul	150212	4	17.261	473943	20.0
2-Methyldibenzo...	17.842	10.0	ng/ul	237344	4	17.261	473943	20.0
Anthracene, 1-m...	18.142	34.5	ng/ul	817288	4	17.261	473943	20.0
Phenanthrene, 2...	18.189	43.1	ng/ul	1022340	4	17.261	473943	20.0
1H-Indene, 2-ph...	18.271	7.5	ng/ul	177843	4	17.261	473943	20.0
4H-Cyclopenta[d...	18.336	56.1	ng/ul	1328720	4	17.261	473943	20.0
1H-Cyclopropa[l...	18.371	20.4	ng/ul	483679	4	17.261	473943	20.0
5,16[1',2']:8,1...	18.635	23.9	ng/ul	565374	4	17.261	473943	20.0
9,10-Anthracene...	18.688	29.5	ng/ul	699258	4	17.261	473943	20.0
Phenanthrene, 2...	18.888	5.8	ng/ul	137063	4	17.261	473943	20.0
Phenanthrene, 3...	18.935	8.3	ng/ul	197411	4	17.261	473943	20.0
di-p-Tolylacety...	18.976	8.1	ng/ul	192979	4	17.261	473943	20.0
9,10-Dimethylan...	19.058	33.2	ng/ul	787727	4	17.261	473943	20.0
3,4-Dimethylphe...	19.153	6.1	ng/ul	145008	4	17.261	473943	20.0
Cyclopenta(def)...	19.211	28.6	ng/ul	677197	4	17.261	473943	20.0
7-Isopropenyl-1...	19.387	8.4	ng/ul	199641	4	17.261	473943	20.0
Pyrido[2,3-g]in...	23.289	7.2	ng/ul	604290	6	24.628	1682540	20.0
Benzo[e]pyrene	23.894	11.5	ng/ul	964477	6	24.628	1682540	20.0
Dinaphtho[1,2-b...	24.088	8.7	ng/ul	727719	6	24.628	1682540	20.0
unknown-01	24.352	38.7	ng/ul	3257870	6	24.628	1682540	20.0
Benzo[j]fluoran...	24.705	20.0	ng/ul	1682540	6	24.628	1682540	20.0