LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBY2

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: BG061527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	11	21	50	rVB	661732	2619210	64.99%	5.964%
2	3.786	128	136	145	rBV4	23496	68516	1.70%	0.156%
3	7.071	689	695	707	rVB	97167	181445	4.50%	0.413%
4	7.212	712	719	729	rVB	64243	108712	2.70%	0.248%
5	7.423	748	755	761	rBV	98536	171947	4.27%	0.392%
6	7.882	825	833	839	rBV	119126	207358	5.15%	0.472%
7	8.604	949	956	964	rBV	118614	208957	5.18%	0.476%
8	9.033	1022	1029	1036	rBV	100484	175621	4.36%	0.400%
9	9.756	1145	1152	1159	rBV	91349	155658	3.86%	0.354%
10	10.308	1240	1246	1253	rBV	125606	227761	5.65%	0.519%
11	10.667	1298	1307	1313	rBV	148917	266220	6.61%	0.606%
12	10.808	1326	1331	1342	rBV2	33995	69924	1.74%	0.159%
13	13.916	1851	1860	1865	rVV	228325	336197	8.34%	0.765%
14	14.204	1902	1909	1925	rVB2	235166	427450	10.61%	0.973%
15	14.509	1947	1961	1967	rBV2	234127	377124	9.36%	0.859%
16	14.574	1967	1972	1980	rVB	61267	99940	2.48%	0.228%
17	14.762	1999	2004	2019	rVV3	61292	142072	3.53%	0.323%
18	14.909	2025	2029	2036	rVV	29868	48508	1.20%	0.110%
19	15.508	2122	2131	2136	rBV	299272	462938	11.49%	1.054%
20	15.555	2136	2139	2150	rVB2	49888	86394	2.14%	0.197%
21	15.655	2151	2156	2159	rBV2	32871	52265	1.30%	0.119%
22	16.237	2248	2255	2260	rBV6	40947	76104	1.89%	0.173%
23	16.566	2302	2311	2315	rVV6	21807	56675	1.41%	0.129%
24	16.918	2366	2371	2377	rVB2	50982	80566	2.00%	0.183%
25	17.077	2393	2398	2406	rVB	48786	84695	2.10%	0.193%
26	17.165	2409	2413	2419	rBV5	22095	39273	0.97%	0.089%
27	17.259	2421	2429	2433	rBV	273611	464601	11.53%	1.058%
28	17.306	2433	2437	2442	rVV	971917	1381762	34.29%	3.146%
29	17.359	2442	2446	2450	rVV	334664	529259	13.13%	1.205%
30	17.394	2450	2452	2457	rVB	135709	165150	4.10%	0.376%
31	17.453	2457	2462	2468	rBV4	35610	69929	1.74%	0.159%
32	17.635	2488	2493	2495	rBV3	35095	54950	1.36%	0.125%
33	17.670	2495	2499	2508	rVB	91985	156257	3.88%	0.356%
34	17.776	2510	2517	2521	rBV4	33192	61734	1.53%	0.141%
35	17.841	2524	2528	2536	rVB3	56237	101343	2.51%	0.231%
36	17.982	2549	2552	2558	rVB2	23482	38903	0.97%	0.089%

LSC Area Percent Report

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Data File : BG061527.D
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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

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	18.140	2570	2579	2583	rBV	188190	352316	8.74%	0.802%
38	18.187	2583	2587	2593	rVB	249557	365347	9.07%	0.832%
39	18.269	2597	2601	2605	rBV	34702	47182	1.17%	0.107%
40	18.334	2606	2612	2616	rBV2	295749	542305	13.46%	1.235%
41	18.369	2616	2618	2624	rVB	135831	173441	4.30%	0.395%
42	18.446	2627	2631	2635	rBV3	34098	49441	1.23%	0.113%
43	18.534	2642	2646	2650	rVB3	38381	52636	1.31%	0.120%
44	18.640	2659	2664	2668	rBV	139237	207546	5.15%	0.473%
45	18.687	2668	2672	2681	rVB	234176	357389	8.87%	0.814%
46	18.886	2702	2706	2710	rVV	69494	117441	2.91%	0.267%
47	18.933	2711	2714	2718	rVV	88503	125572	3.12%	0.286%
48	18.975	2718	2721	2725	rVB2	62584	80697	2.00%	0.184%
49	19.057	2730	2735	2739	rBV	186880	313431	7.78%	0.714%
50	19.151	2749	2751	2755	rVB	53795	60407	1.50%	0.138%
51	19.204	2755	2760	2767	rBV3	145016	302091	7.50%	0.688%
52	19.333	2773	2782	2787	rBV	2644509	4030118	100.00%	9.176%
53	19.386	2787	2791	2794	rVV	68921	113608	2.82%	0.259%
54	19.421	2794	2797	2801	rVV	87882	131093	3.25%	0.298%
55	19.474	2803	2806	2809	rVV2	58076	80577	2.00%	0.183%
56	19.527	2812	2815	2817	rVV2	60038	77263	1.92%	0.176%
57	19.562	2819	2821	2825	rVB	69836	89609	2.22%	0.204%
58	19.662	2832	2838	2839	rBV3	764039	1080976	26.82%	2.461%
59	19.691	2839	2843	2850	rVV	2234836	3270012	81.14%	7.445%
60	19.756	2850	2854	2860	rVB2	150880	239213	5.94%	0.545%
61	19.862	2868	2872	2878	rVB	109105	184624	4.58%	0.420%
62	19.926	2878	2883	2888	rVB	131959	220726	5.48%	0.503%
63	20.020	2891	2899	2904	rBV2	183283	478775	11.88%	1.090%
64	20.150	2915	2921	2922	rBV4	142738	254602	6.32%	0.580%
65	20.179	2922	2926	2931	rVB	372476	583691	14.48%	1.329%
66	20.279	2939	2943	2947	rBV	247113	315270	7.82%	0.718%
67	20.338	2947	2953	2957	rVV2	240007	401972	9.97%	0.915%
68	20.373	2957	2959	2964	rVB2	93704	107706	2.67%	0.245%
69	20.414	2964	2966	2971	rBV2	38714	53064	1.32%	0.121%
70	20.479	2973	2977	2981	rBV	184098	244573	6.07%	0.557%
71	20.520	2981	2984	2988	rVB	162171	206963	5.14%	0.471%
72	20.890	3045	3047	3050	rBV3	38658	48670	1.21%	0.111%
73	20.937	3051	3055	3061	rVB	259953	370029	9.18%	0.843%
74	21.031	3068	3071	3075	rVB	54834	71422	1.77%	0.163%
75	21.113	3079	3085	3088	rVV3	299723	532849	13.22%	1.213%
76	21.154	3088	3092	3094	rVV	242376	368249	9.14%	0.838%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

77	21.201	3097	3100	3105	rVV2	269497	516425	12.81%	1.176%
78	21.266	3107	3111	3117	rVB	250635	418842	10.39%	0.954%
79	21.407	3132	3135	3140	rVB	240020	312811	7.76%	0.712%
80	21.507	3143	3152	3159	rVV3	1401866	3226167	80.05%	7.346%
81	21.571	3159	3163	3173	rVB	1425107	2261935	56.13%	5.150%
82	21.665	3176	3179	3182	rBV4	46563	55348	1.37%	0.126%
83	21.712	3182	3187	3192	rBV	213808	353154	8.76%	0.804%
84	21.783	3196	3199	3203	rBV3	70229	112721	2.80%	0.257%
85	21.918	3217	3222	3228	rBV3	104389	199327	4.95%	0.454%
86	21.983	3229	3233	3238	rVV4	55778	97946	2.43%	0.223%
87	22.230	3267	3275	3280	rVB	197986	412373	10.23%	0.939%
88	22.294	3281	3286	3295	rVB3	163874	410780	10.19%	0.935%
89	22.435	3306	3310	3315	rVB3	67597	104308	2.59%	0.237%
90	22.488	3315	3319	3323	rBV3	146879	258477	6.41%	0.589%
91	22.623	3338	3342	3349	rVB3	91767	196201	4.87%	0.447%
92	22.929	3391	3394	3406	rVB8	129299	329606	8.18%	0.750%
93	23.287	3448	3455	3462	rBV3	99657	273388	6.78%	0.622%
94	23.657	3508	3518	3524	rBV	1007621	3235887	80.29%	7.368%
95	23.787	3534	3540	3551	rVB6	119843	379645	9.42%	0.864%
96	23.892	3552	3558	3566	rVB	172224	377007	9.35%	0.858%
97	24.339	3627	3634	3640	rBV	253746	630989	15.66%	1.437%
98	24.480	3651	3658	3669	rVB	609475	1545742	38.35%	3.519%
99	24.615	3675	3681	3690	rBV2	180480	435760	10.81%	0.992%
100	28.152	4271	4283	4299	rVB4	267456	1216785	30.19%	2.770%

Sum of corrected areas: 43919938

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
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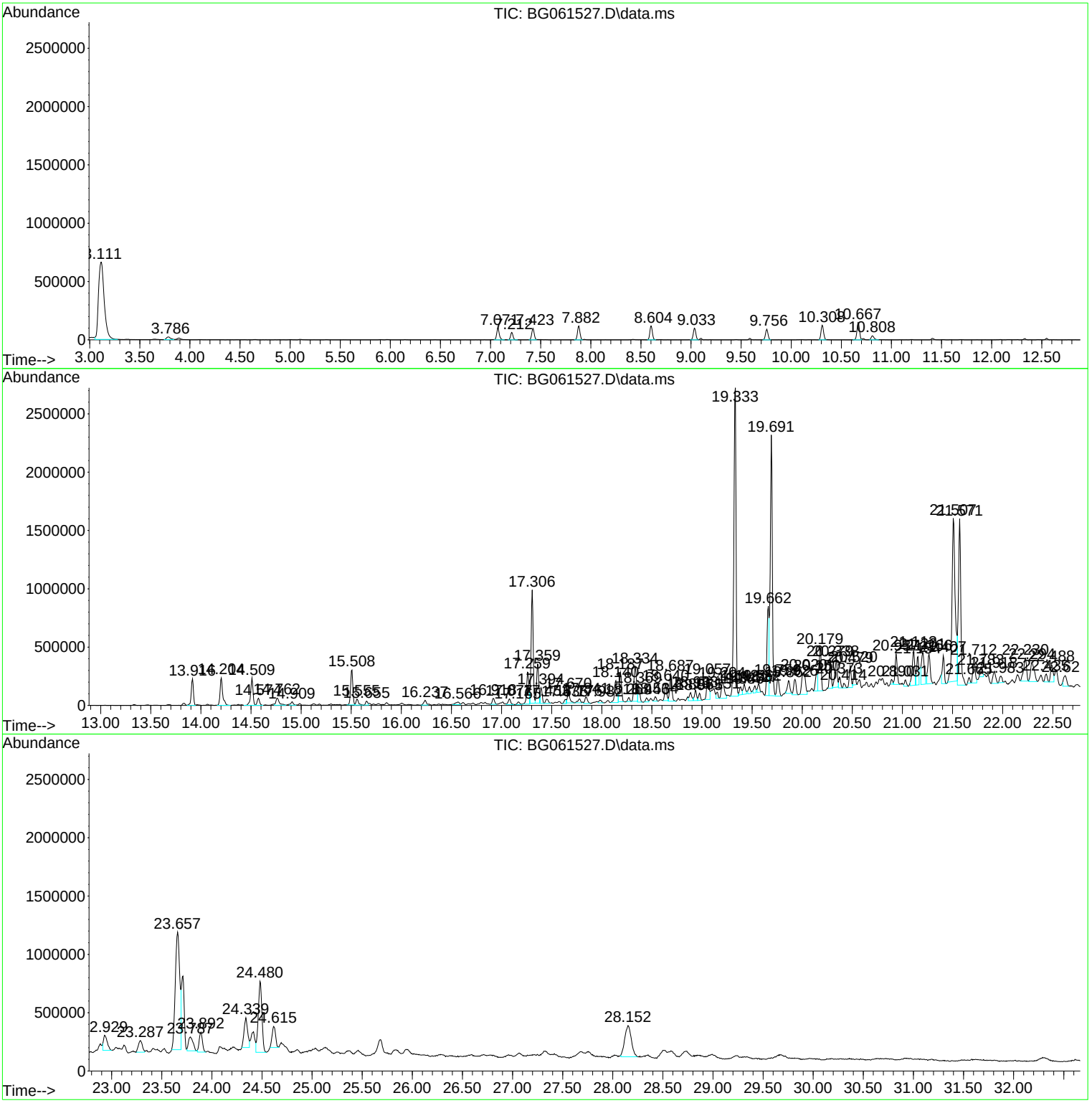
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

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\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

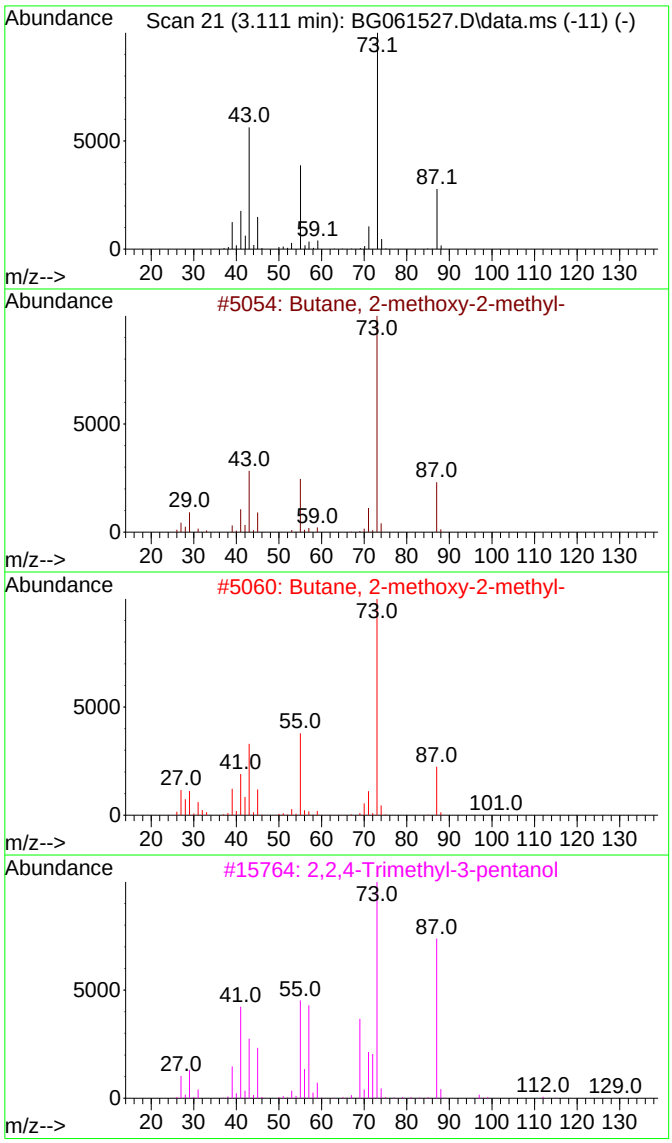
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

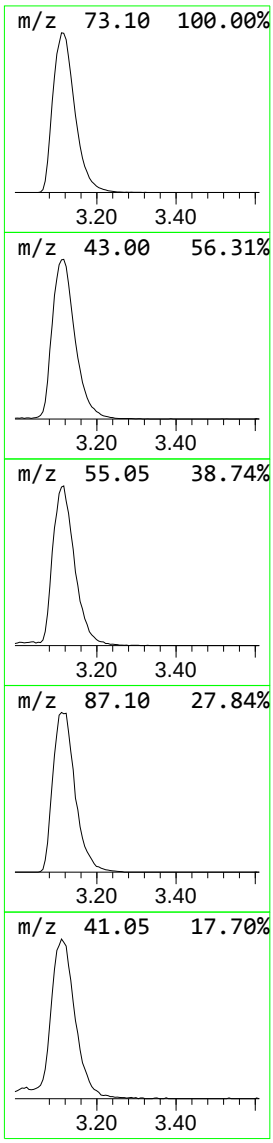
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.111	252.63 ng/ul	2619210	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

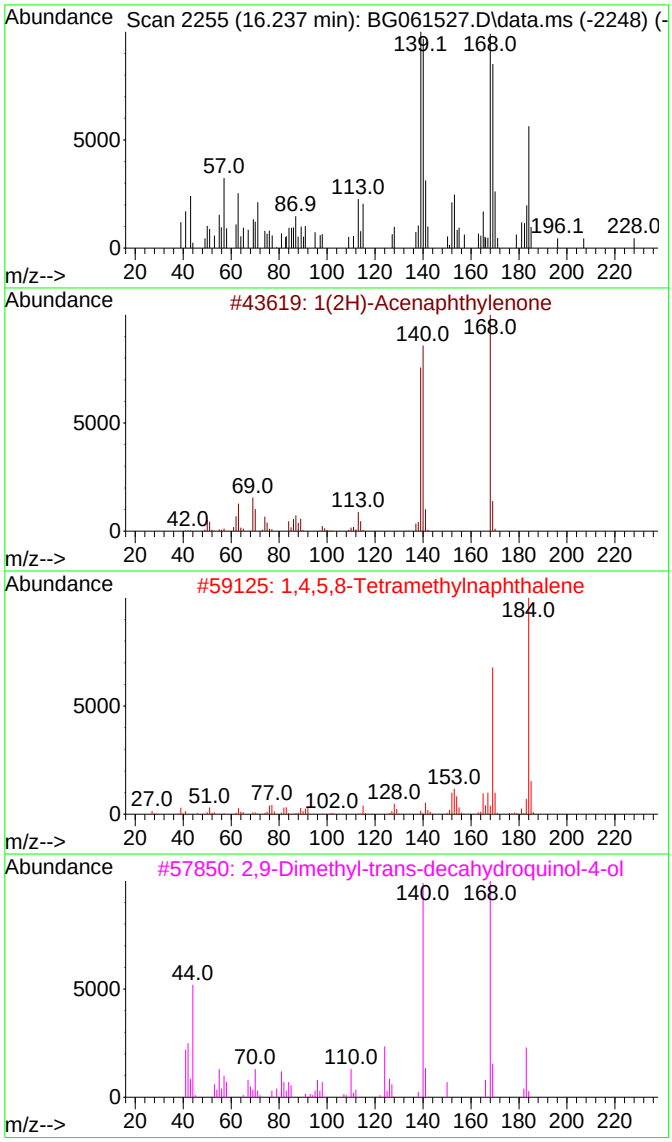
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

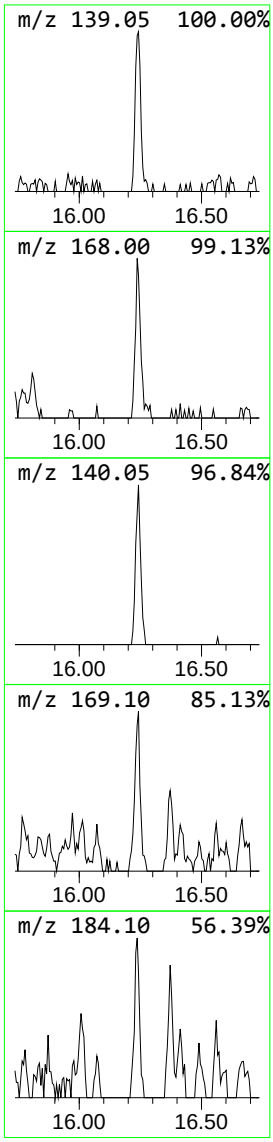
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.236	3.28 ng/ul	76104	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
3	2,9-Dimethyl-trans-decahydroquin...	183	C11H21NO	064292-47-3	30
4	1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	30
5	Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

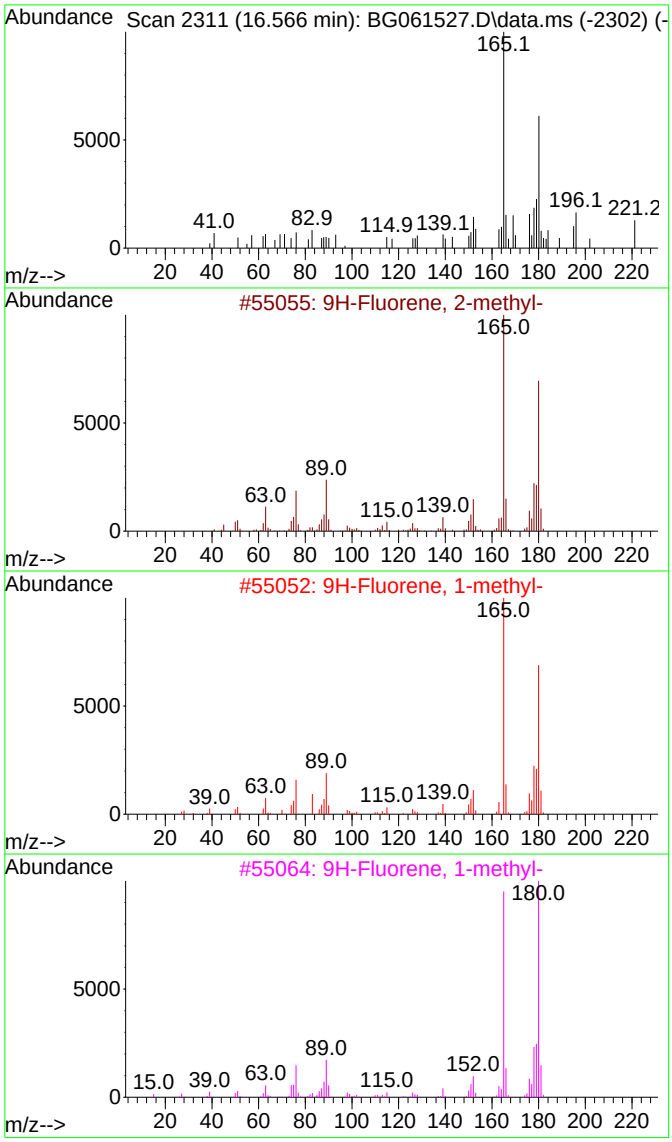
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

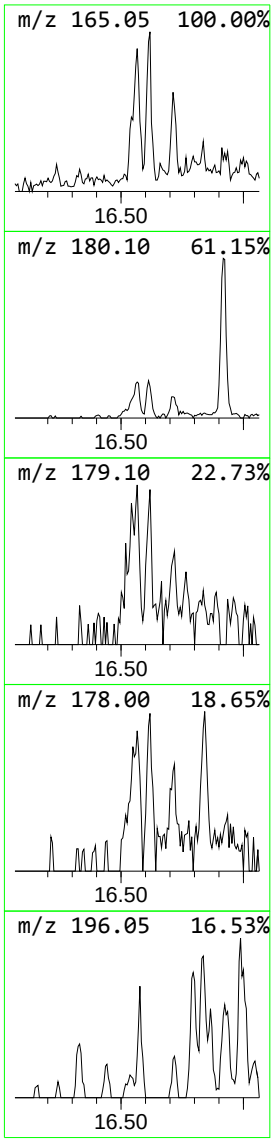
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.566	2.44 ng/ul	56675	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

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

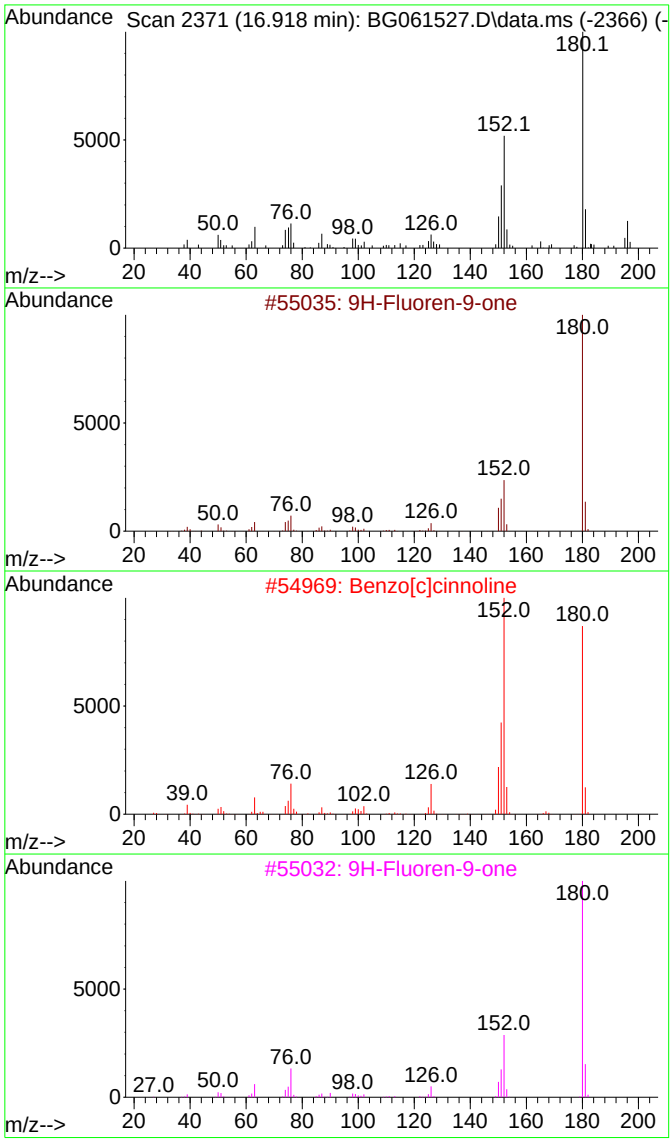
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

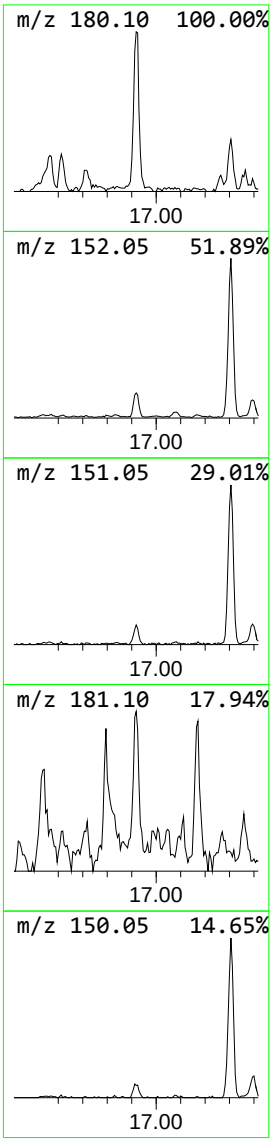
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.918	3.47 ng/ul	80566	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

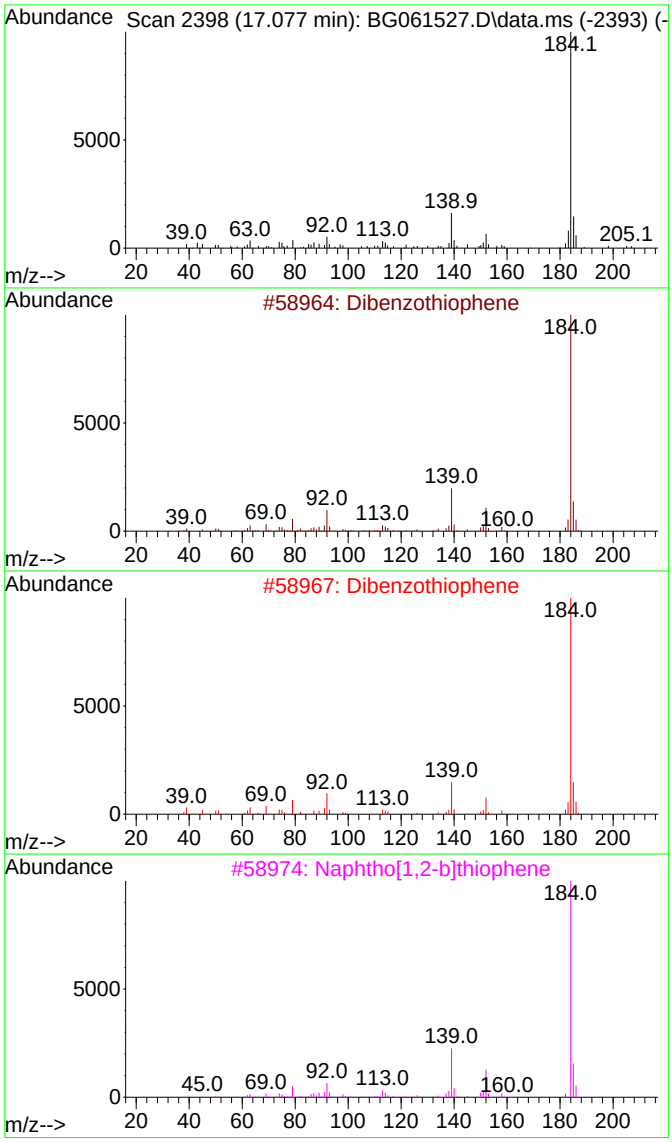
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

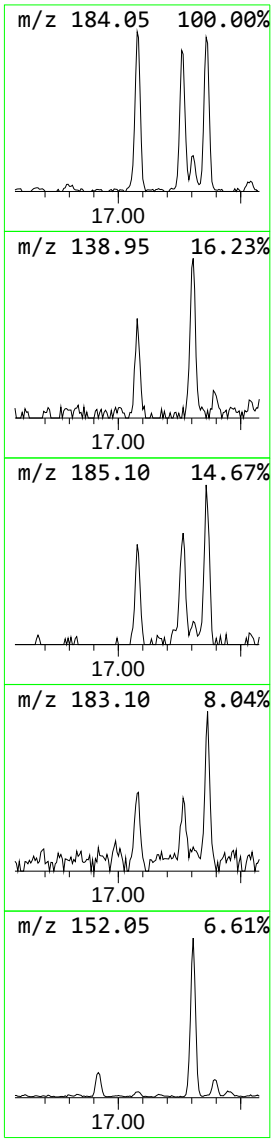
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	3.65 ng/ul	84695	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

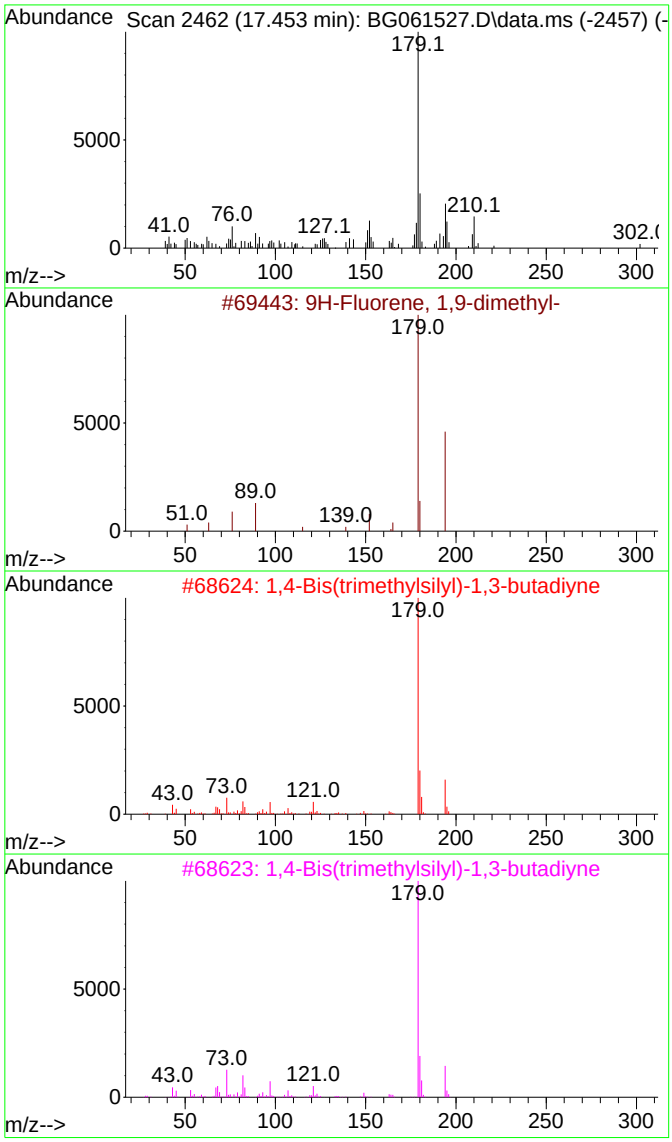
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

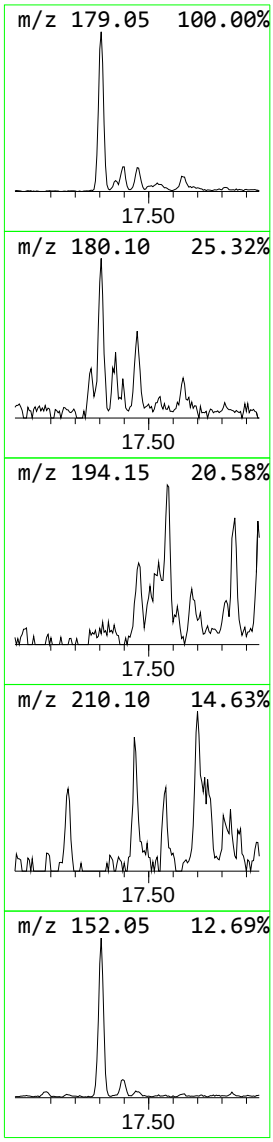
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 1,9-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.453	3.01 ng/ul	69929	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	59
2	1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	58
3	1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	58
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	53
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	52





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

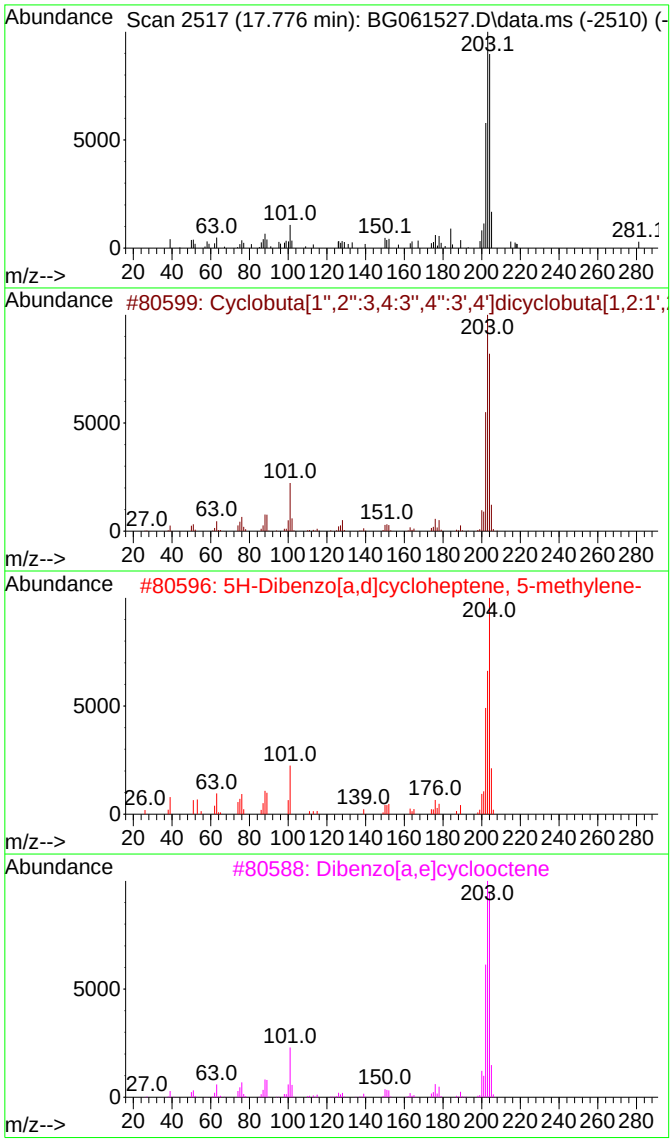
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

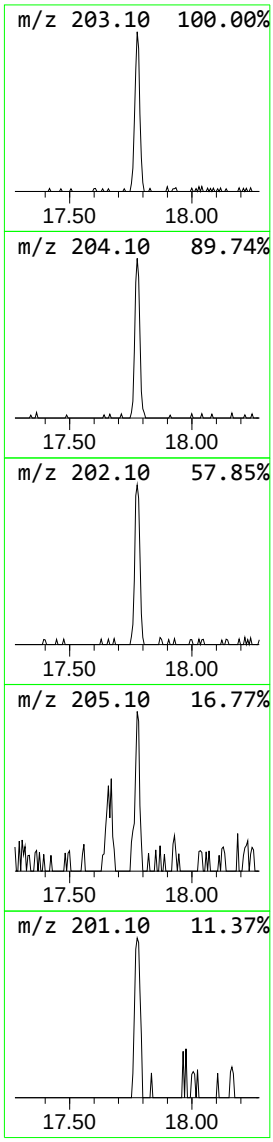
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclobuta[1'',2'':3,4:3'',4... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.776	2.66 ng/ul	61734	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	94
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	91
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

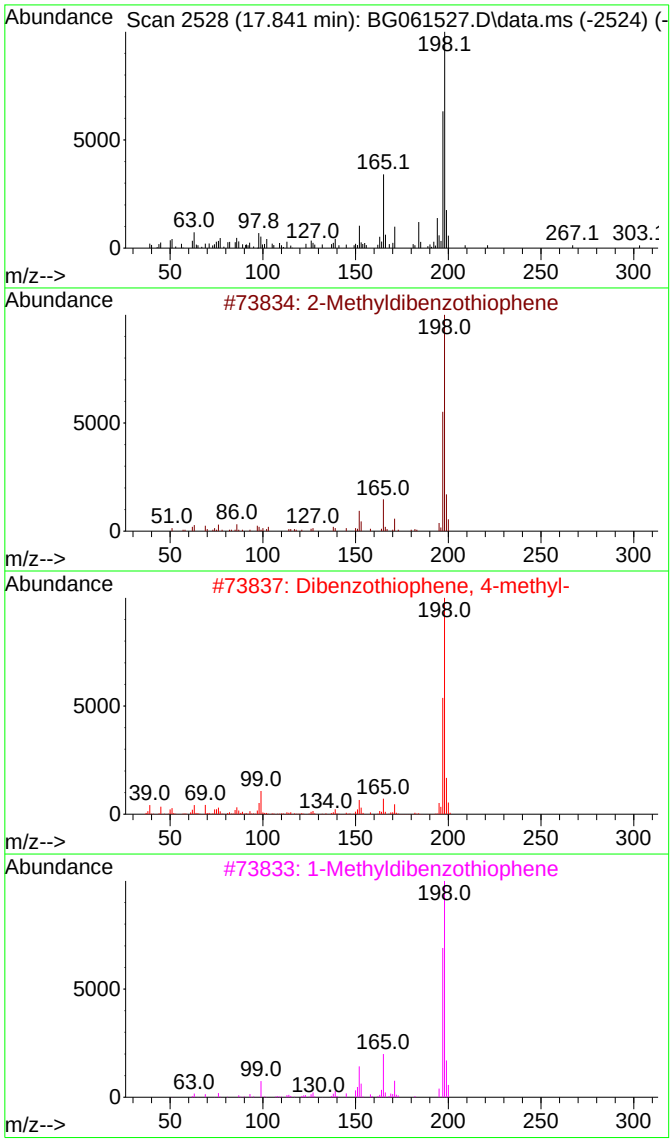
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

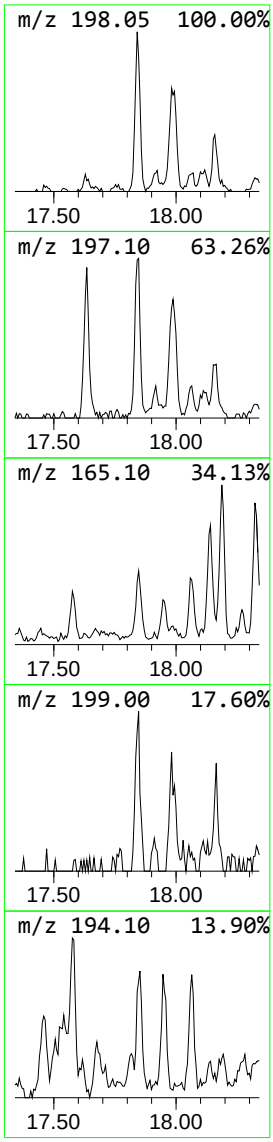
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.840	4.36 ng/ul	101343	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	72





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

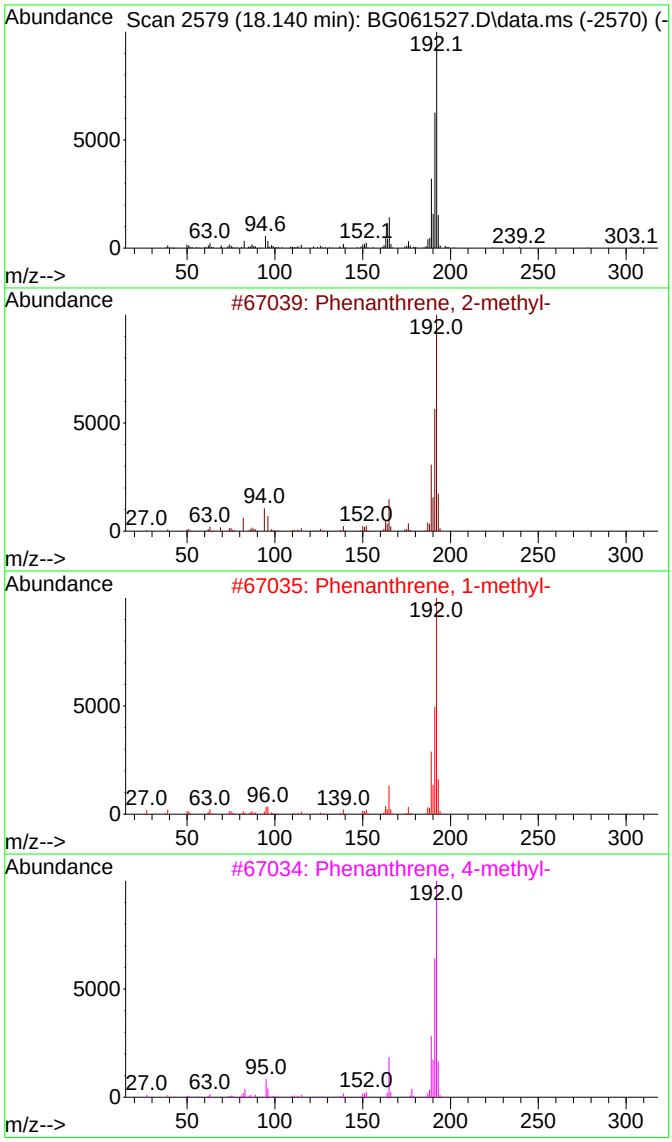
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

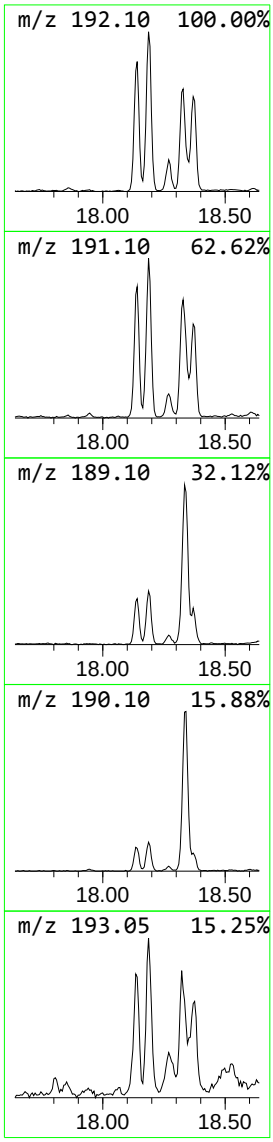
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	15.17 ng/ul	352316	Phenanthrene-d10	17.259

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, 4-methyl-	192	C15H12	000832-64-4	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

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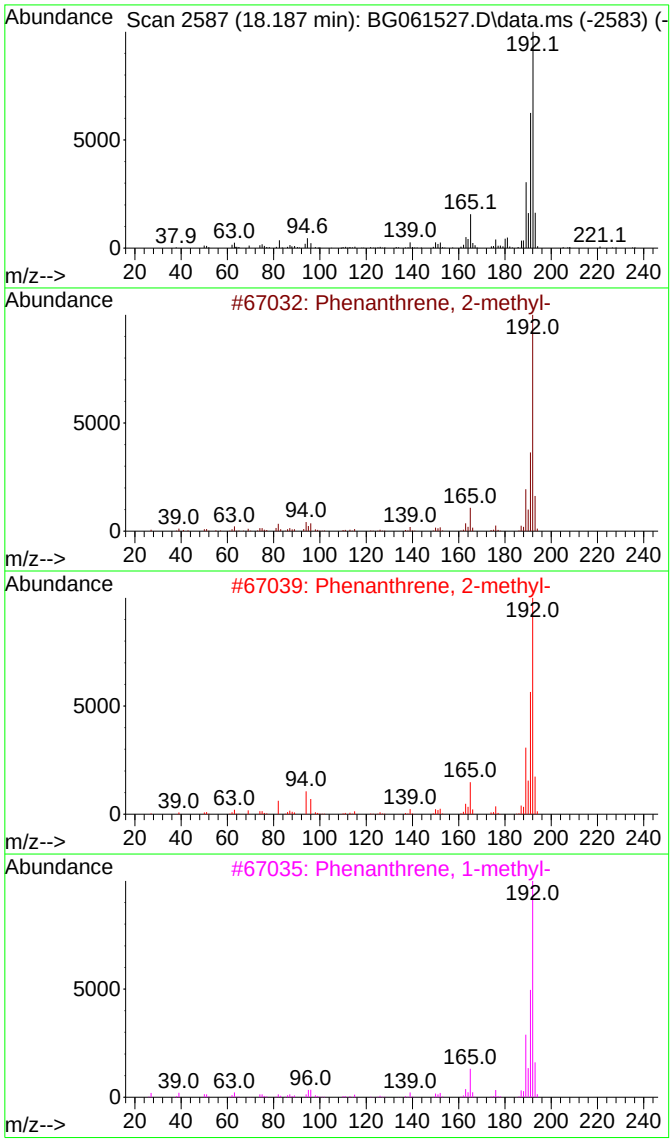
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

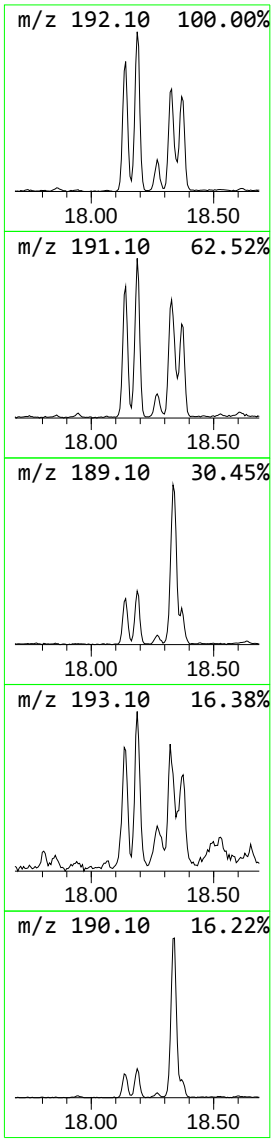
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	15.73 ng/ul	365347	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

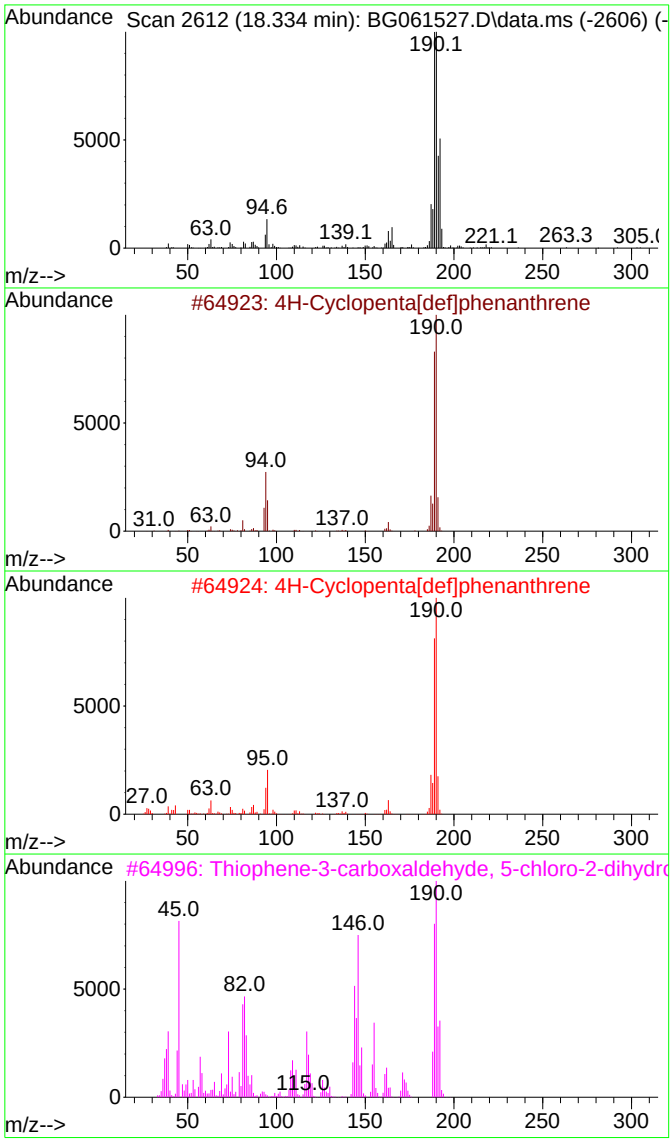
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

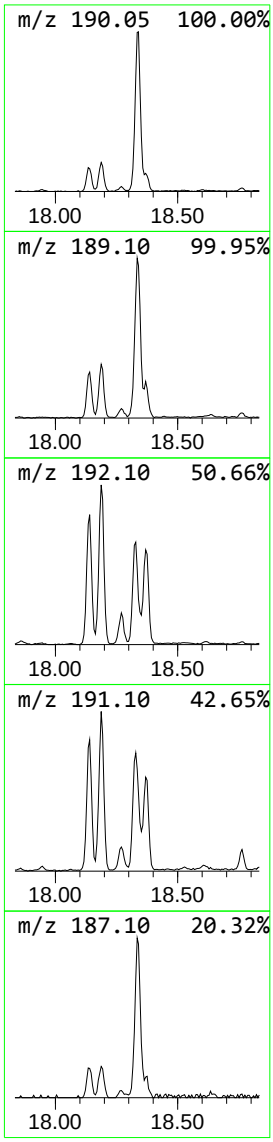
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	23.34 ng/ul	542305	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	35





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

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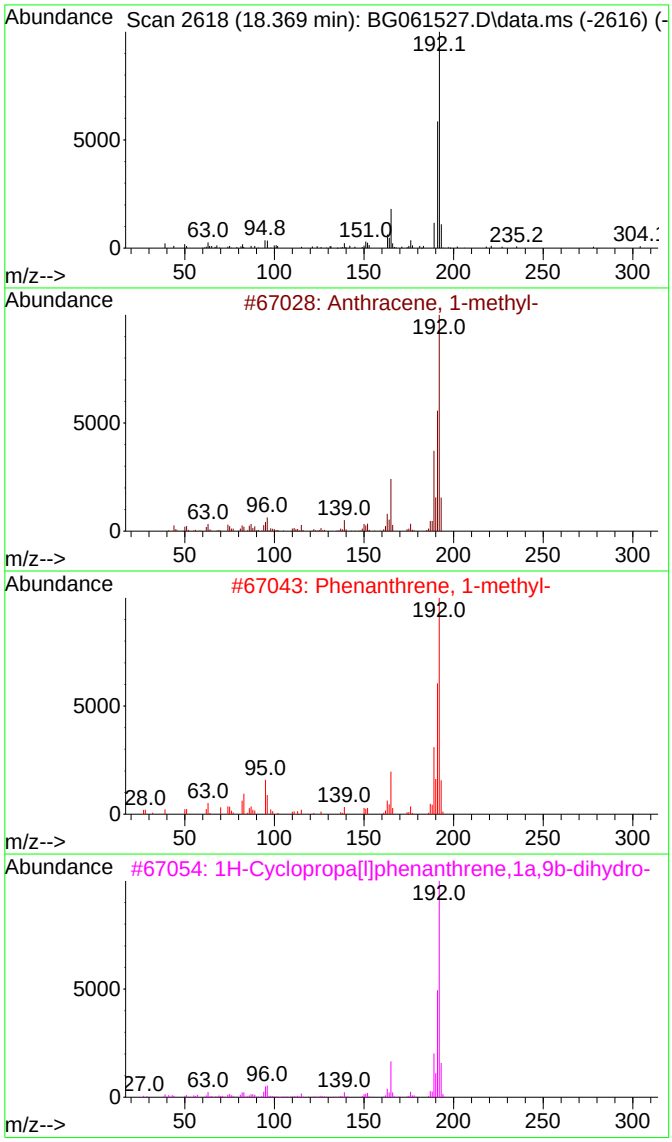
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

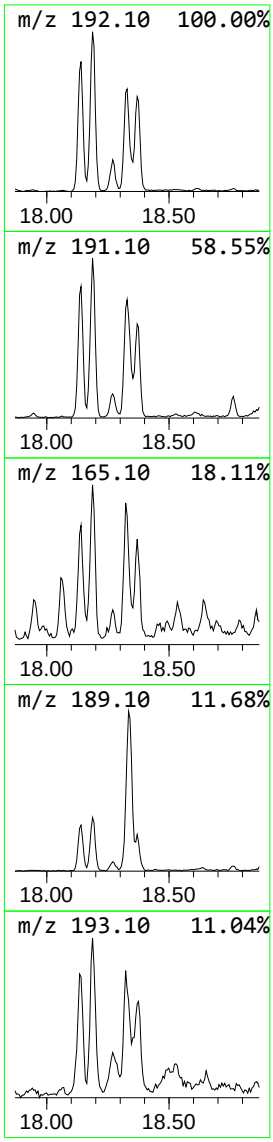
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	7.47 ng/ul	173441	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

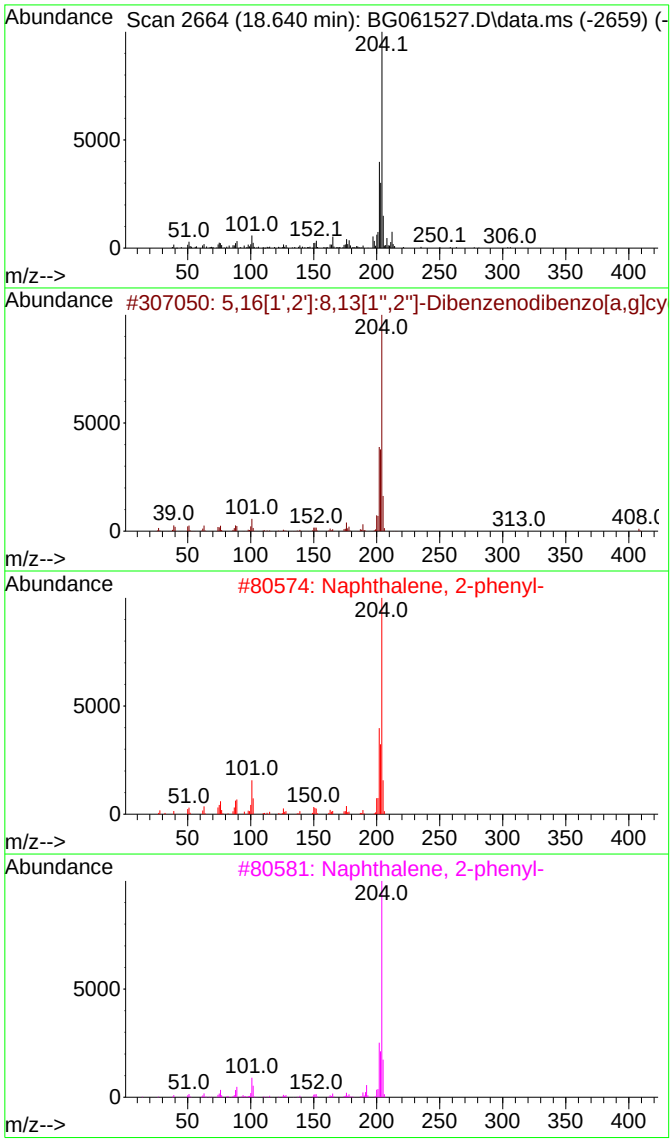
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

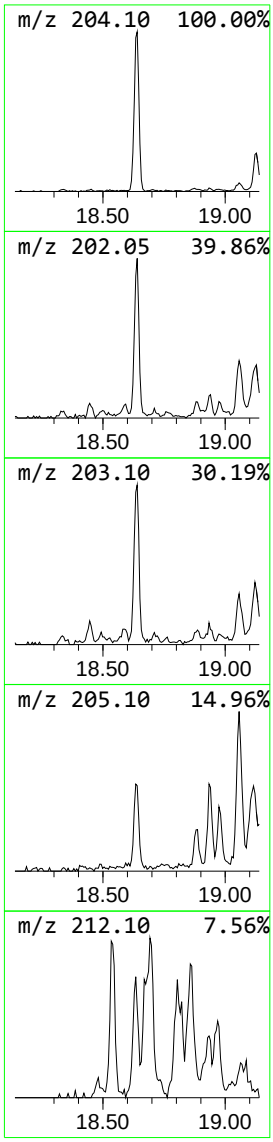
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	8.93 ng/ul	207546	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

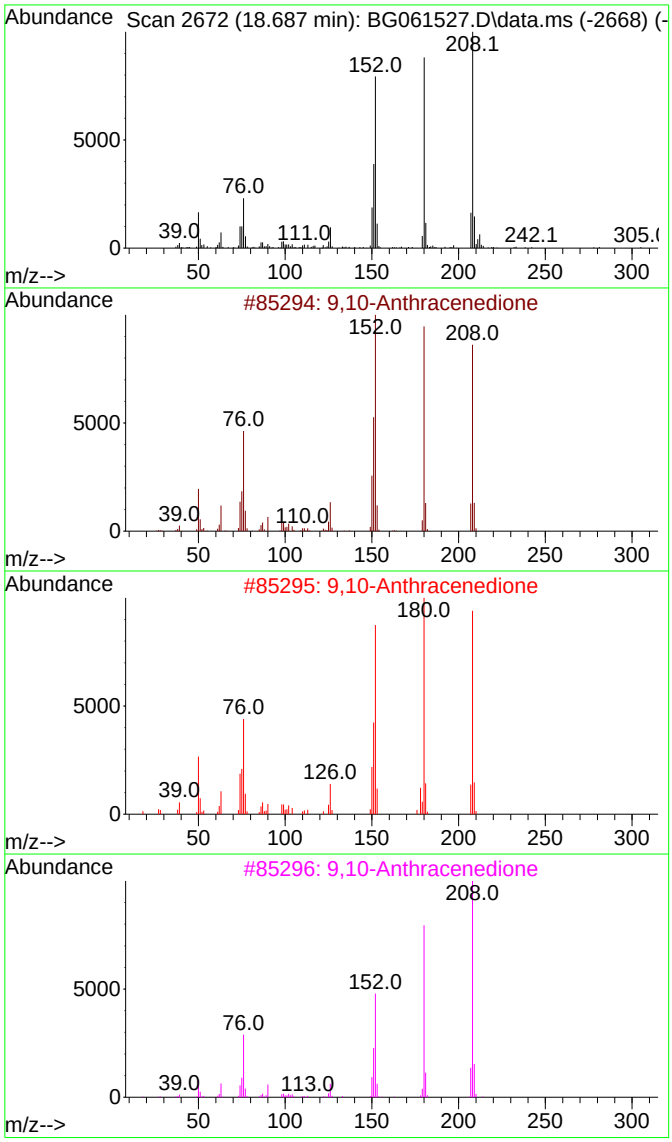
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

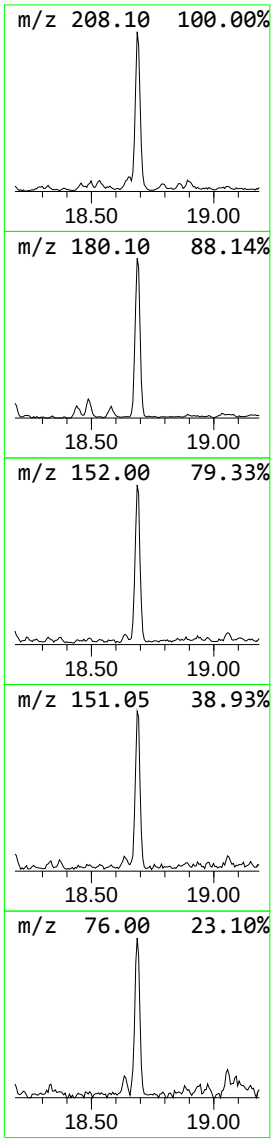
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	15.38 ng/ul	357389	Phenanthrene-d10	17.259

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

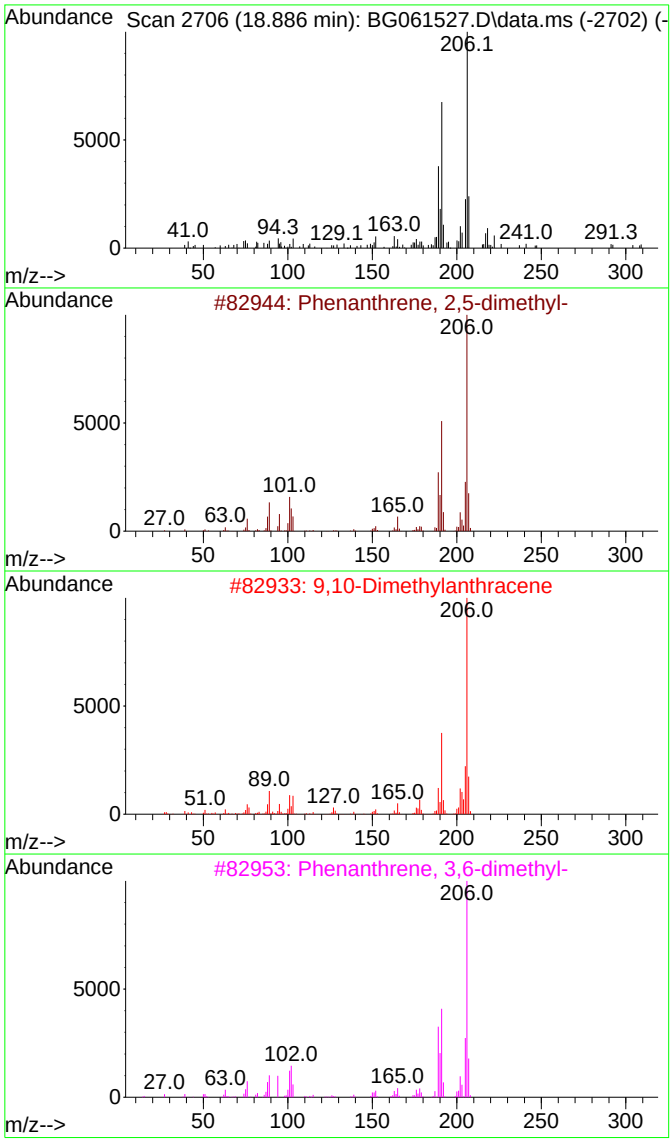
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

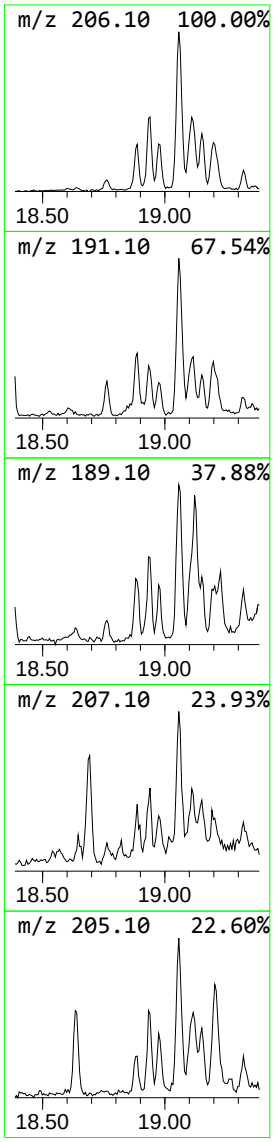
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	5.06 ng/ul	117441	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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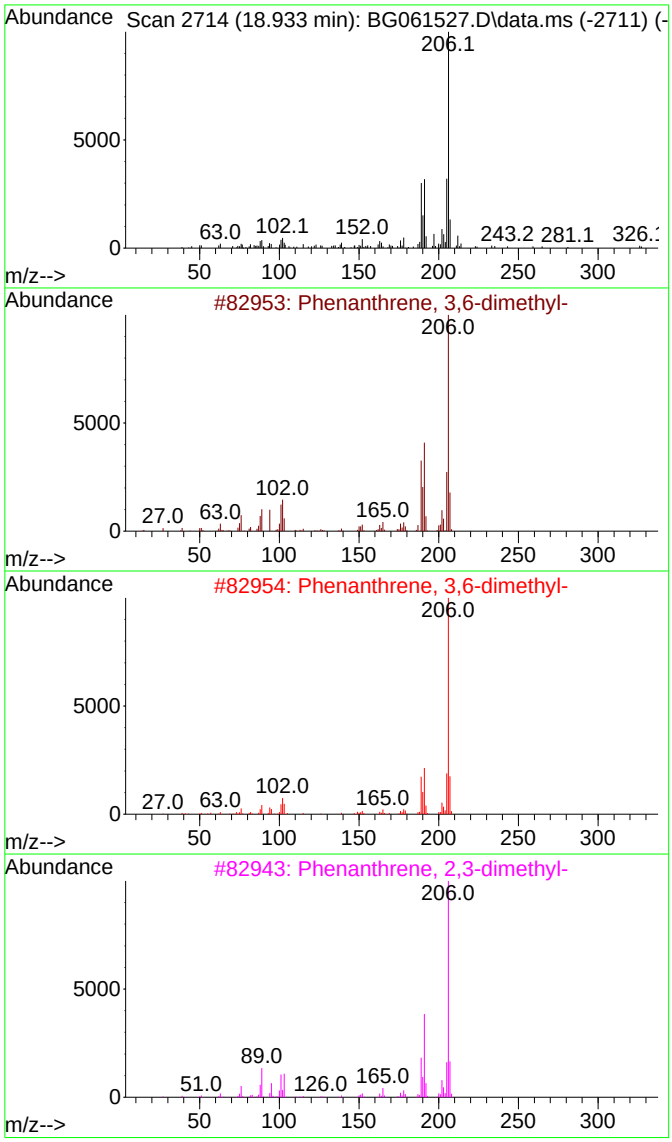
Quant Title : SVOA CALIBRATION

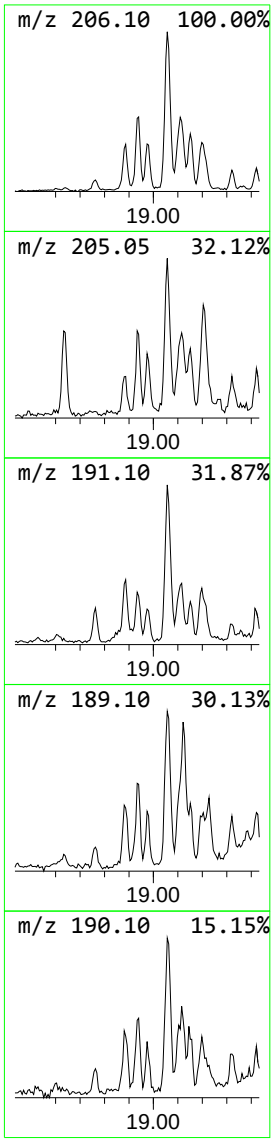
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	5.41 ng/ul	125572	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	80





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

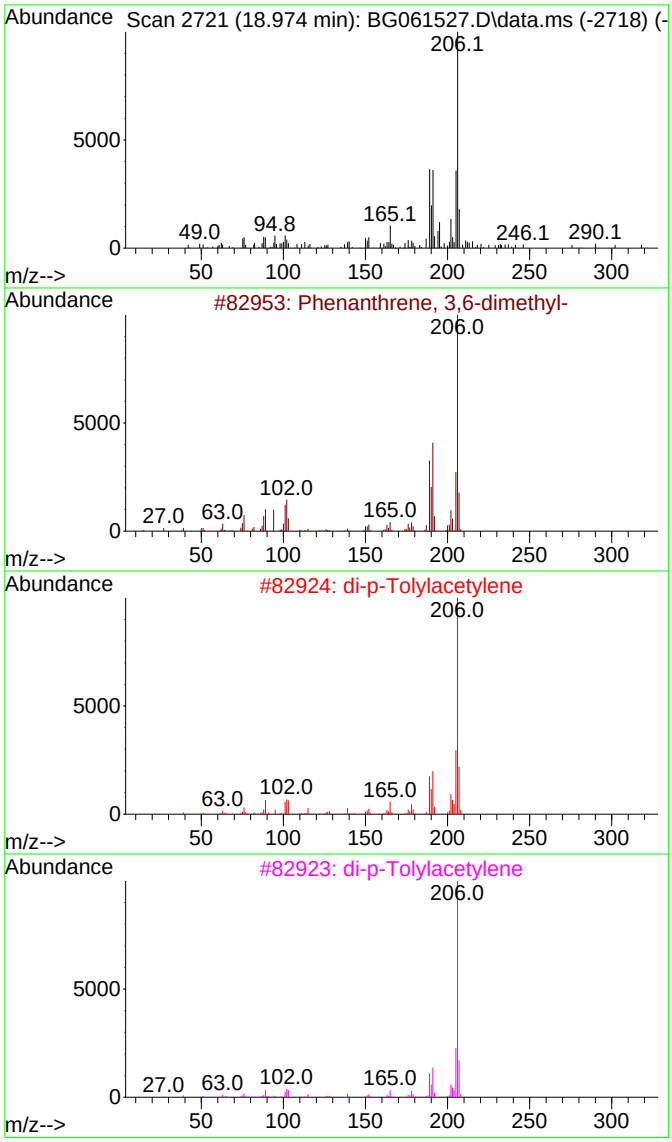
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

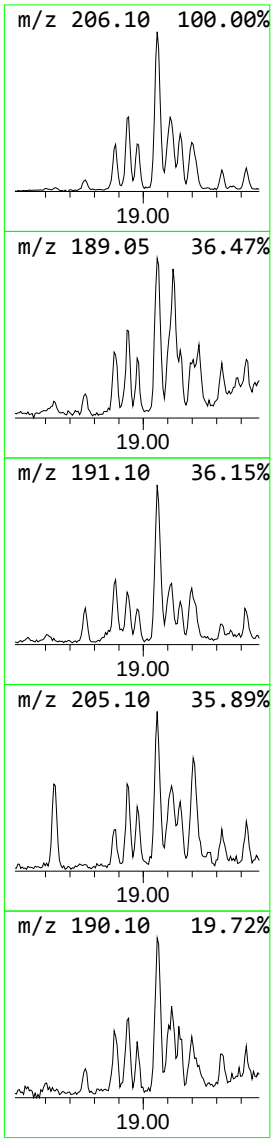
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	3.47 ng/ul	80697	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

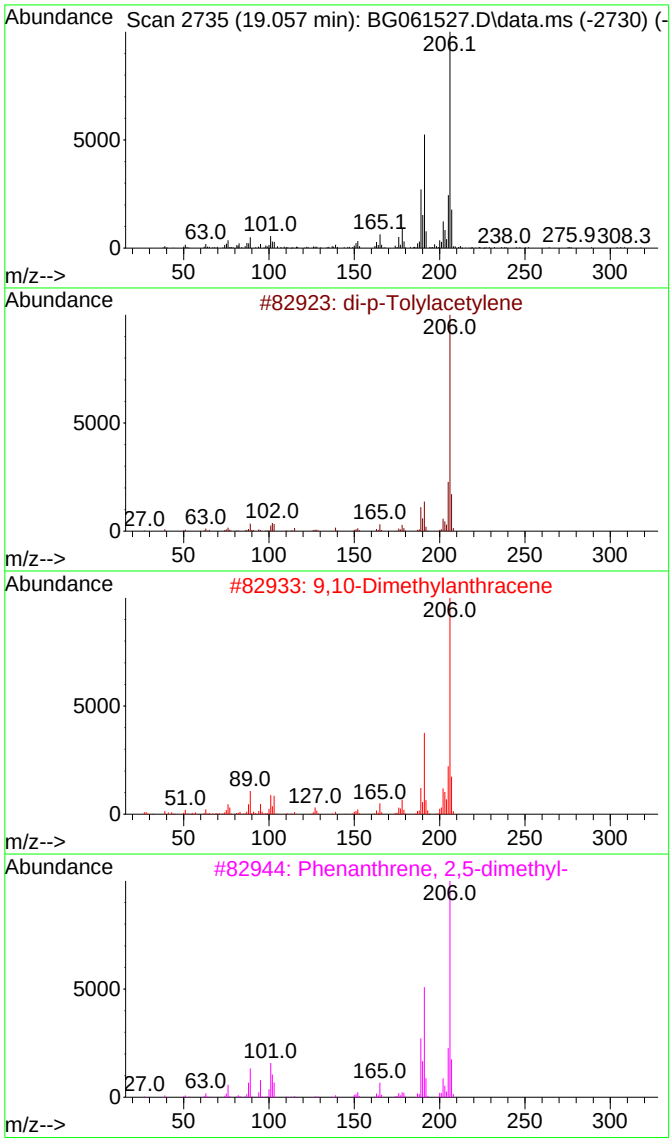
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

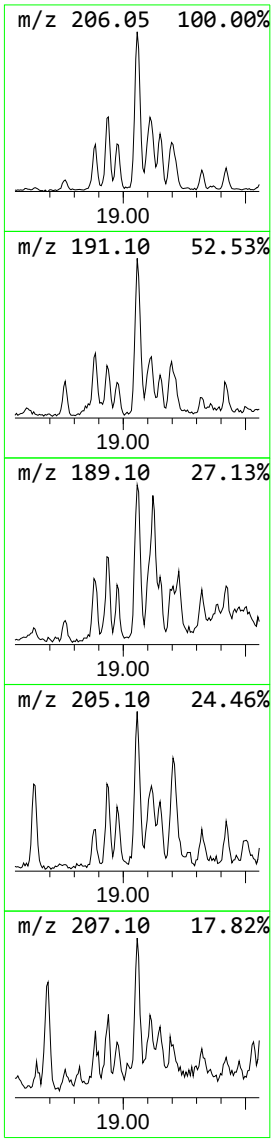
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	13.49 ng/ul	313431	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

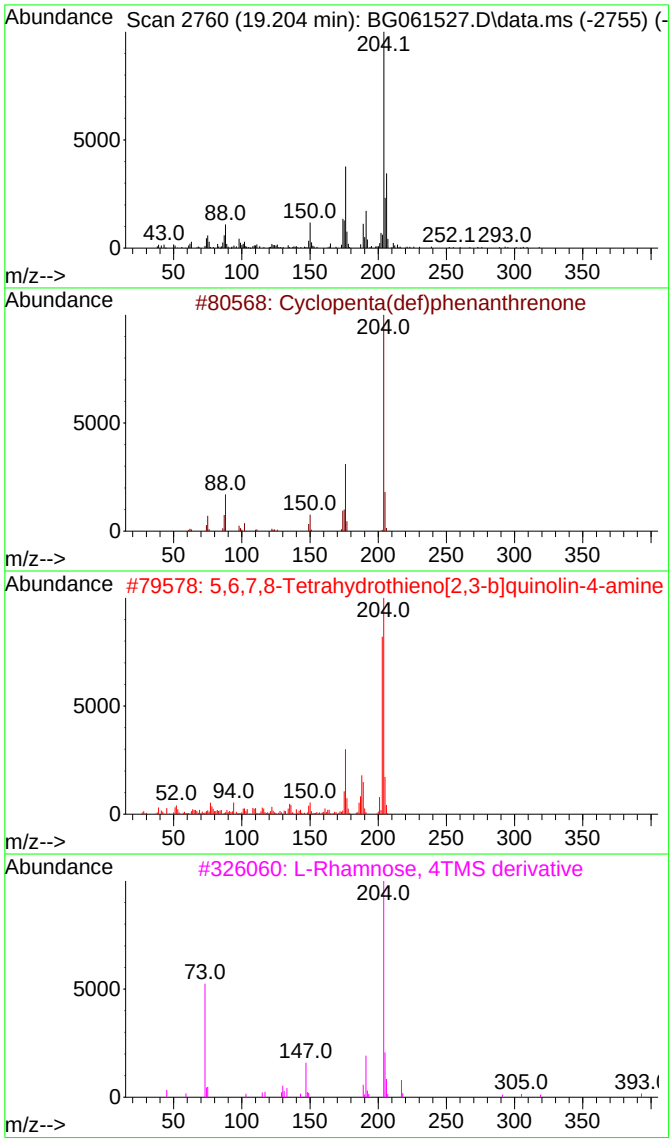
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

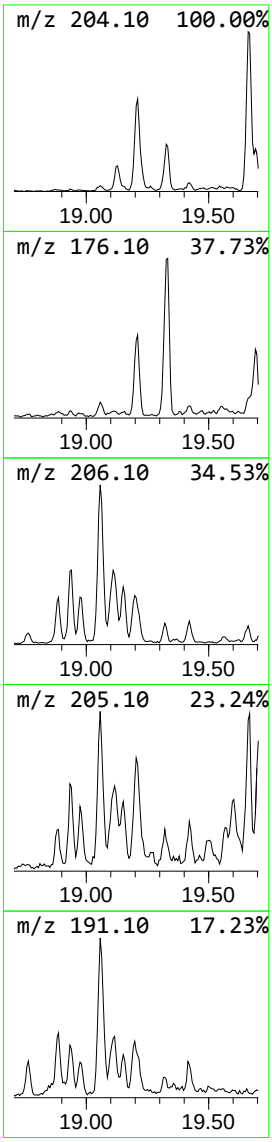
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	13.00 ng/ul	302091	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

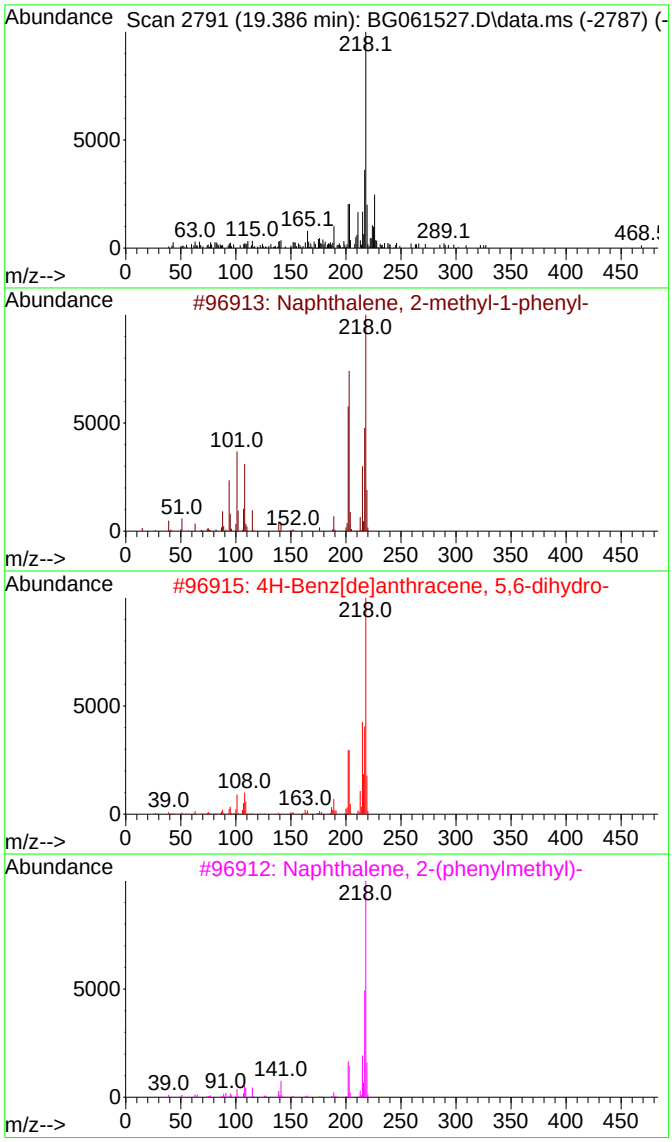
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

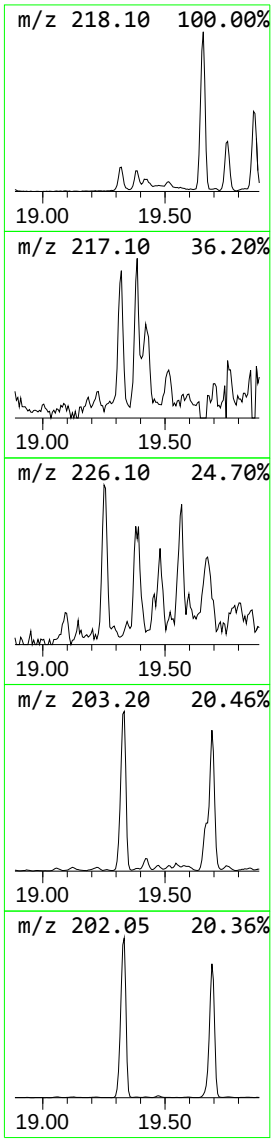
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 2-methyl-1-phe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	4.89 ng/ul	113608	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-phenyl-	218	C17H14	029304-63-0	68
2	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	59
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	58
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	52
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	218	C12H14N2S	134315-44-9	52





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

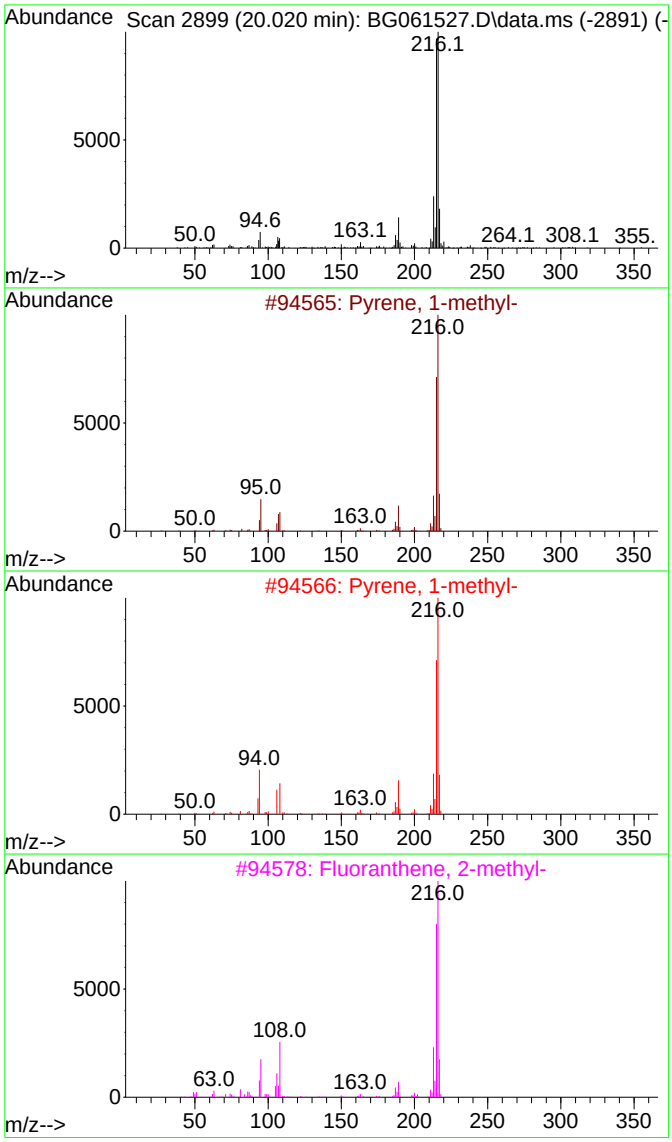
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

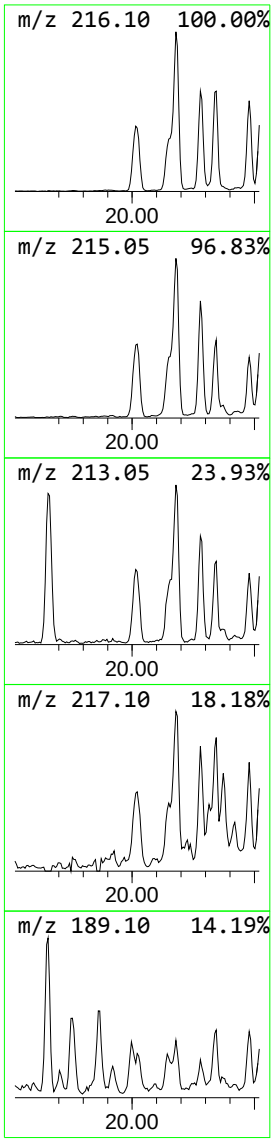
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.020	2.97 ng/ul	478775	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

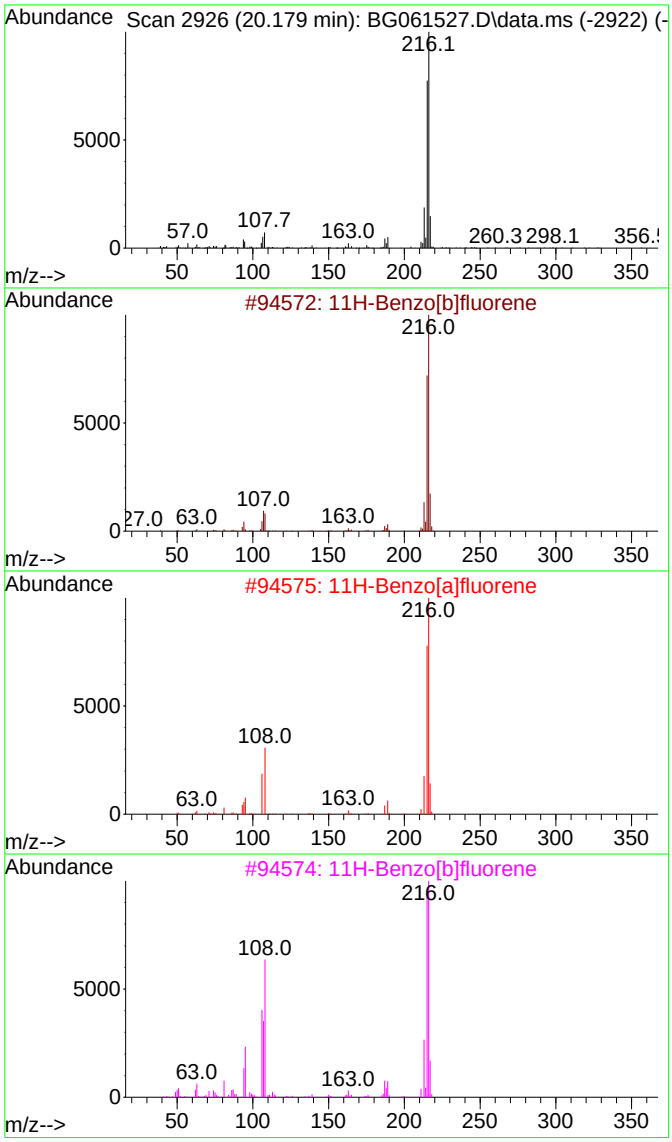
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

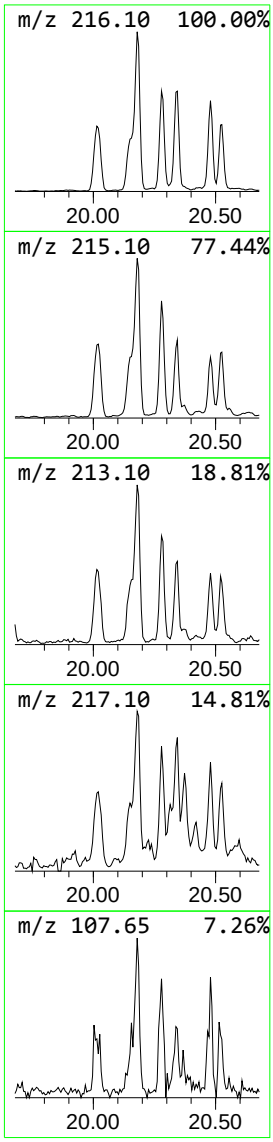
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	3.62 ng/ul	583691	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

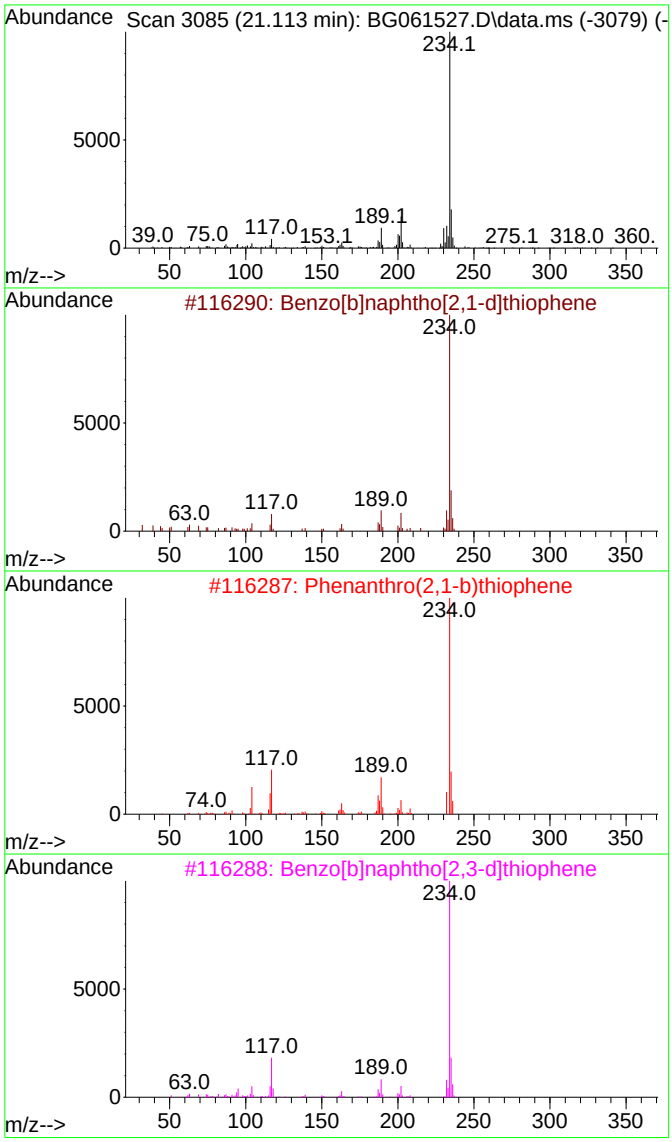
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

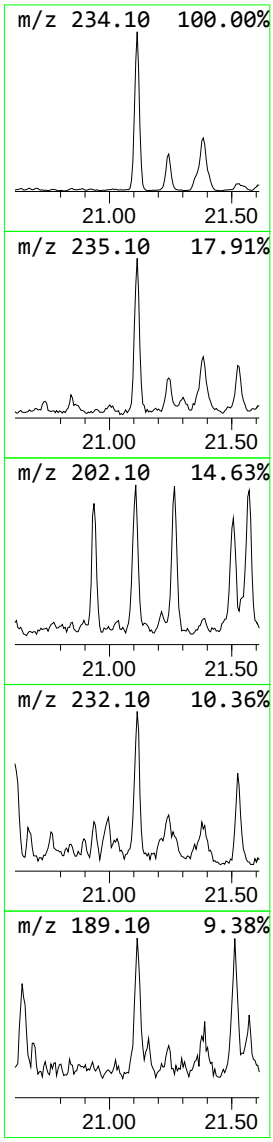
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.113	3.30 ng/ul	532849	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	89
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

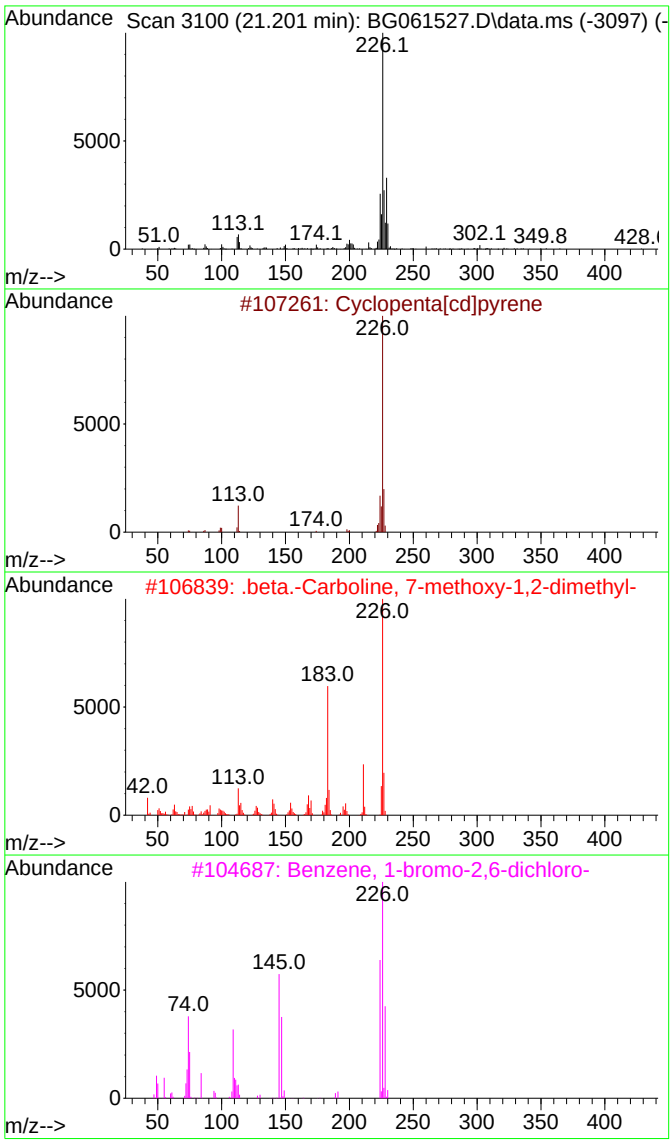
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

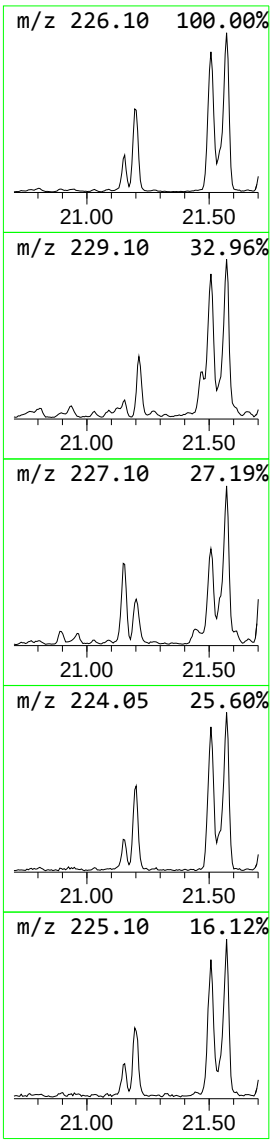
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Cyclopenta[cd]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.201	3.20 ng/ul	516425	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	47
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

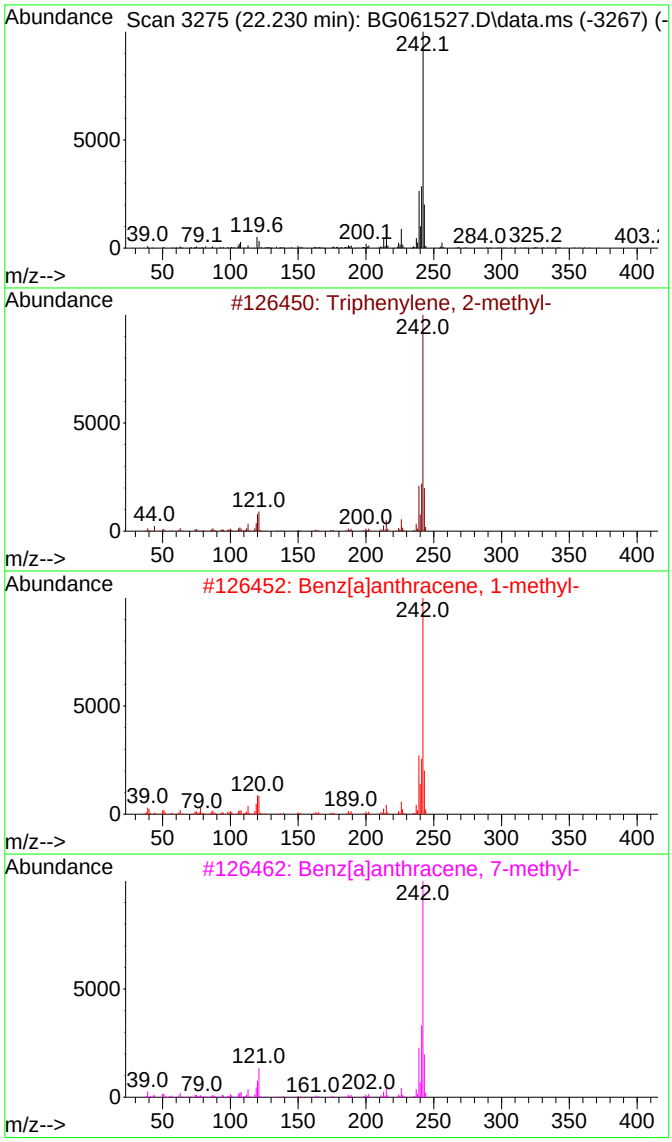
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

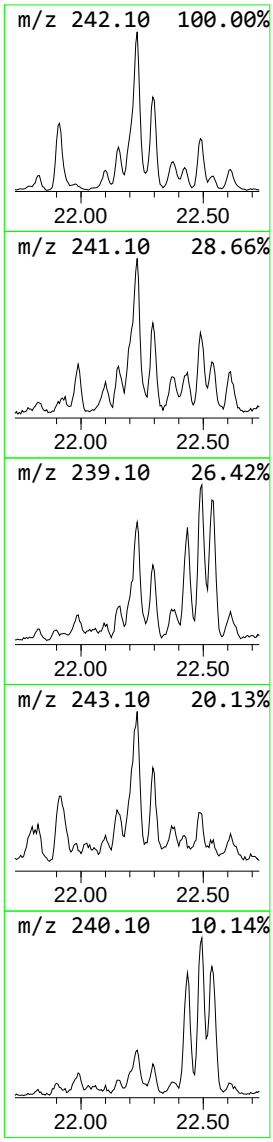
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Triphenylene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.230	2.56 ng/ul	412373	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

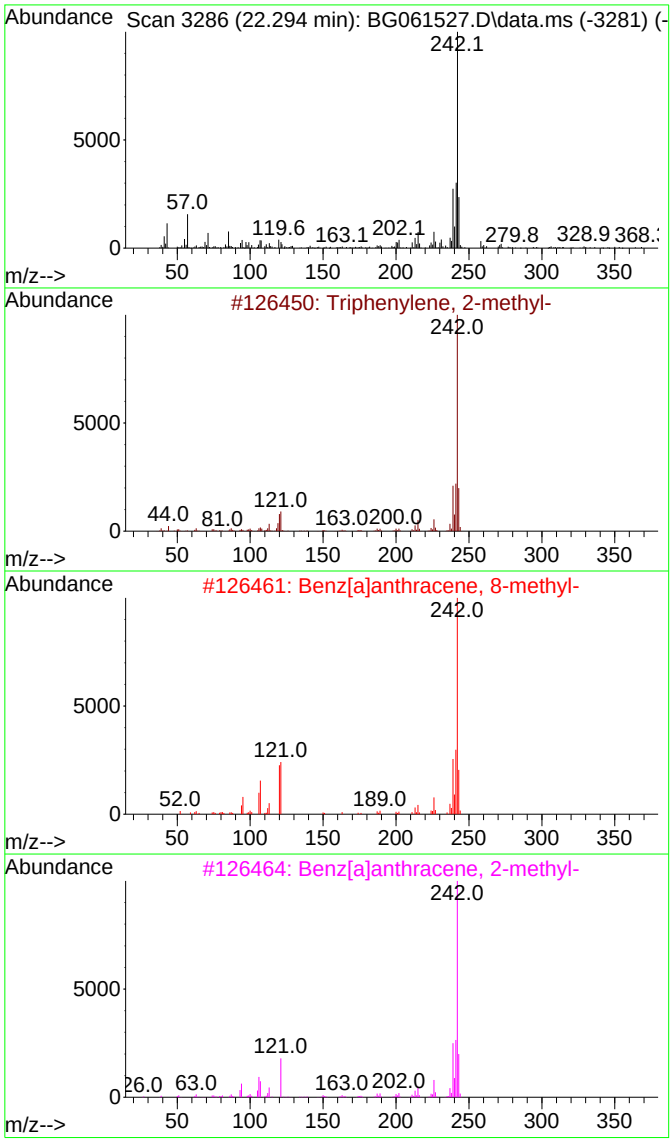
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

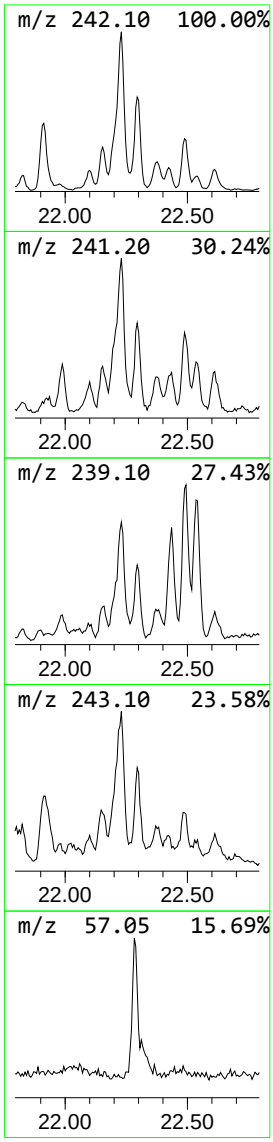
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benz[a]anthracene, 8-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.294	2.55 ng/ul	410780	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

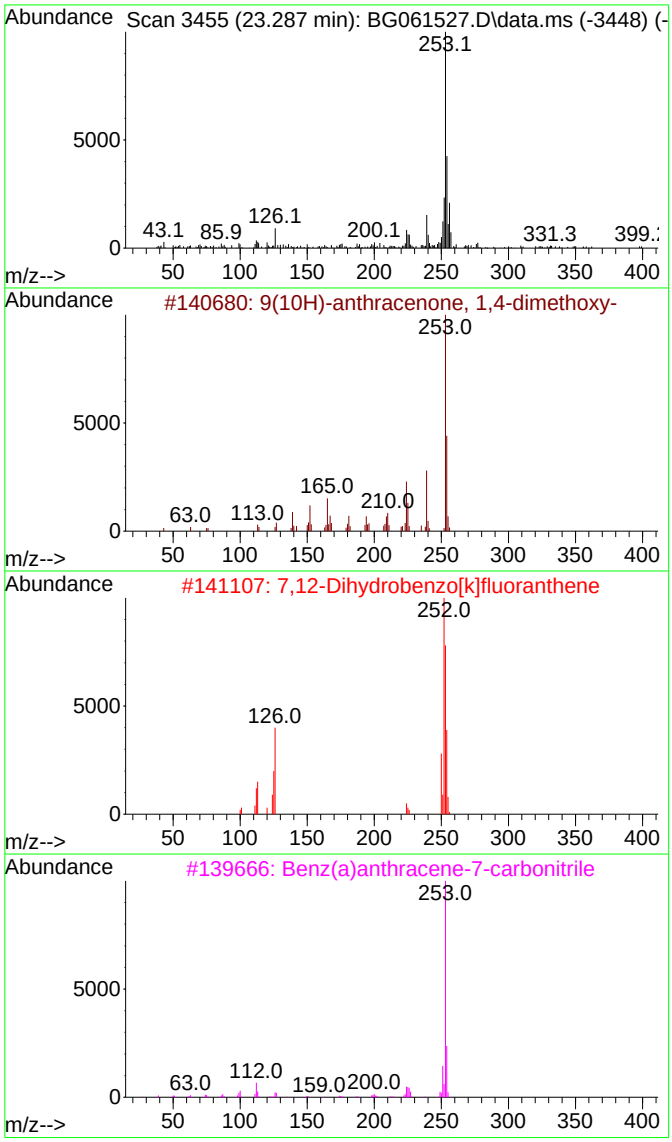
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

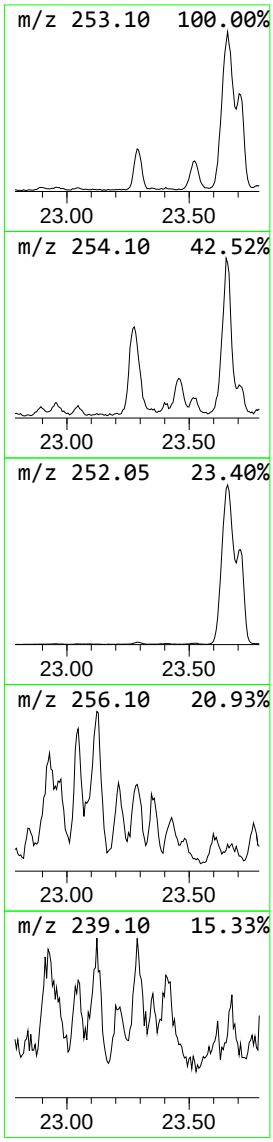
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 9(10H)-anthracenone, 1,4-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.287	12.55 ng/ul	273388	Perylene-d12	24.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	62
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	58
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	43
5	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	42





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Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

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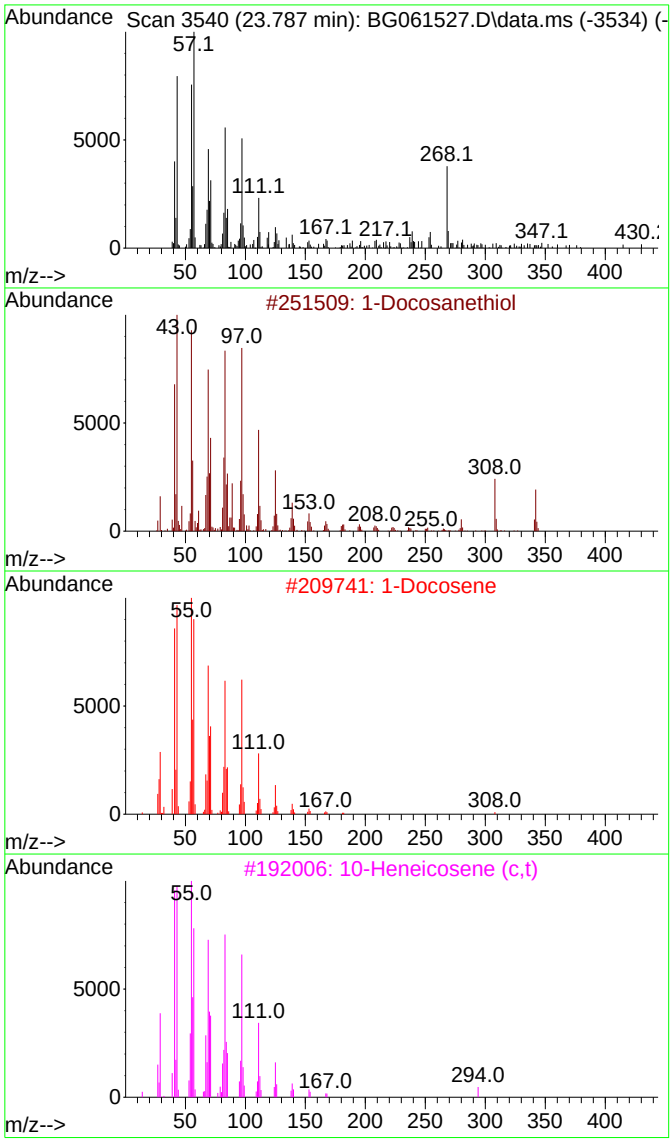
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

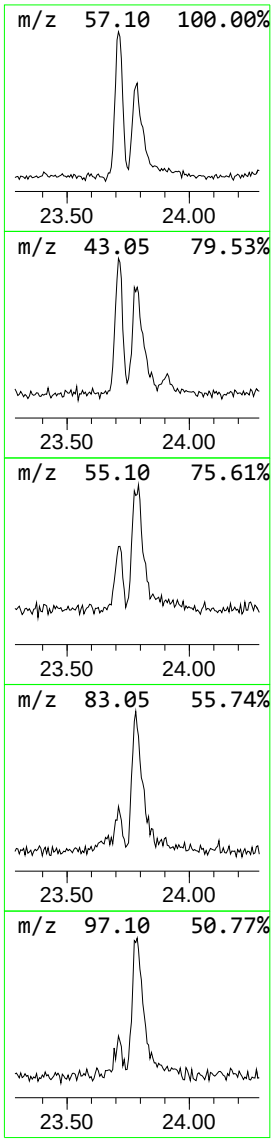
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1-Docosanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.787	17.42 ng/ul	379645	Perylene-d12	24.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	95
2	1-Docosene	308	C22H44	001599-67-3	93
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	92
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	70





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Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

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

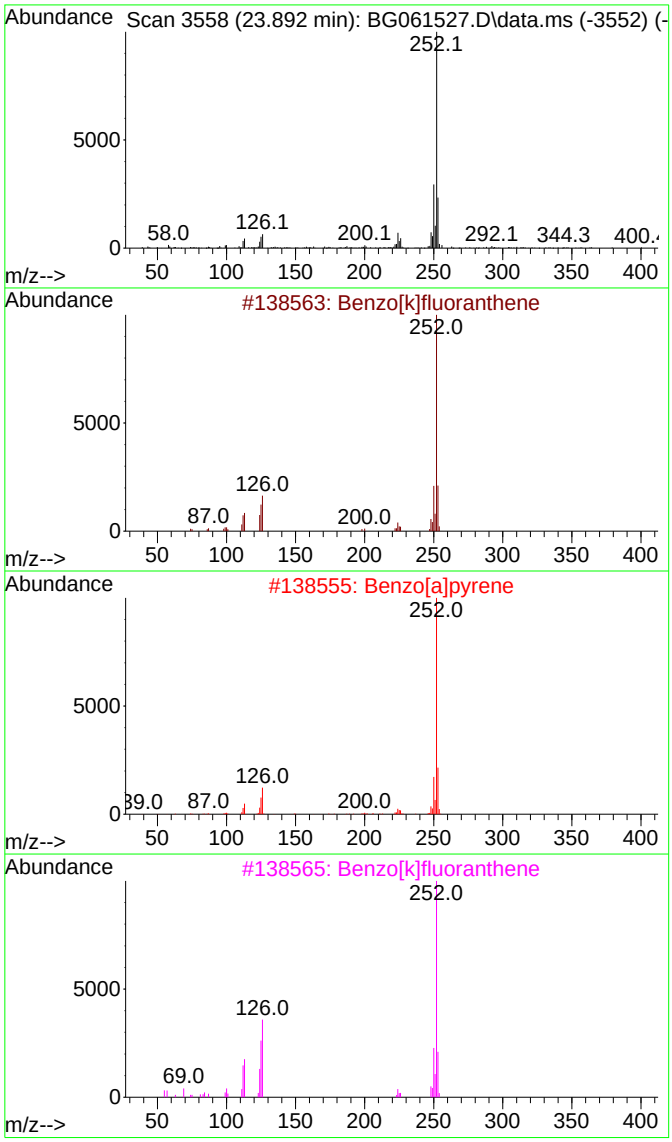
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

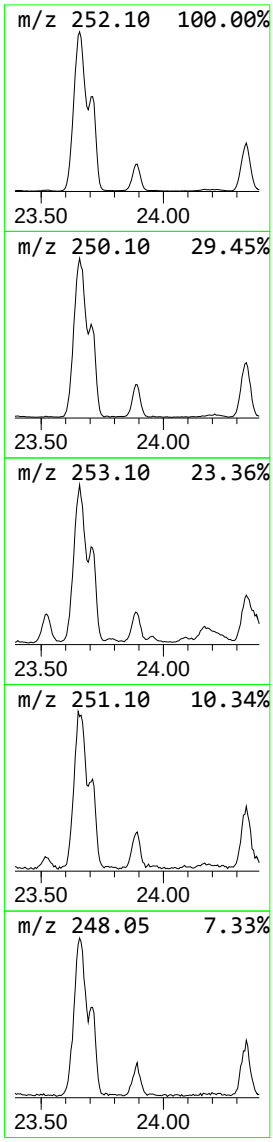
****

Peak Number 39 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	17.30 ng/ul	377007	Perylene-d12	24.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

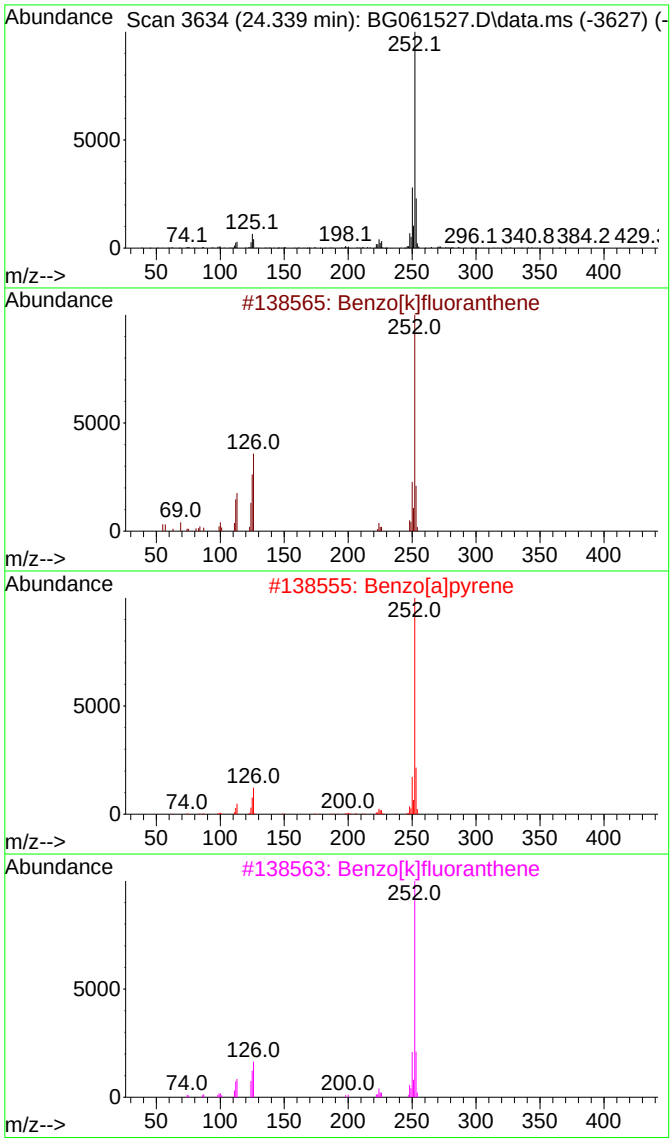
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

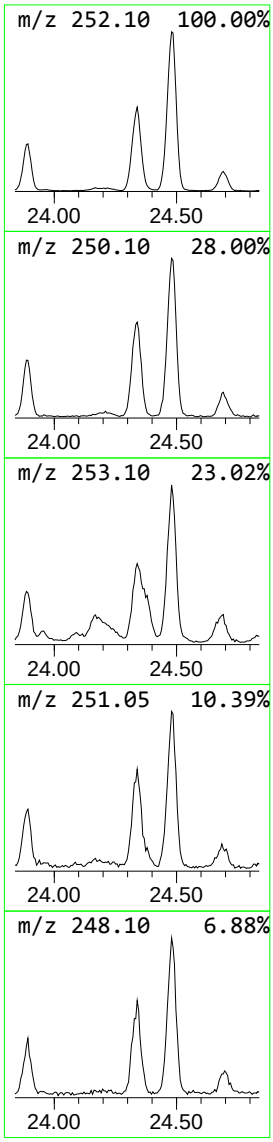
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.339	28.96 ng/ul	630989	Perylene-d12	24.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061527.D
Acq On : 7 Jun 2024 2:39
Operator : MA/JU
Sample : P2634-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY2

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...	3.111	252.6	ng/ul	2619210	1	7.882	207358	20.0
1(2H)-Acenaphth...	16.236	3.3	ng/ul	76104	4	17.259	464601	20.0
9H-Fluorene, 2-...	16.566	2.4	ng/ul	56675	4	17.259	464601	20.0
9H-Fluoren-9-one	16.918	3.5	ng/ul	80566	4	17.259	464601	20.0
Dibenzothiophene	17.077	3.6	ng/ul	84695	4	17.259	464601	20.0
9H-Fluorene, 1,...	17.453	3.0	ng/ul	69929	4	17.259	464601	20.0
Cyclobuta[1'',2...	17.776	2.7	ng/ul	61734	4	17.259	464601	20.0
2-Methyldibenzo...	17.840	4.4	ng/ul	101343	4	17.259	464601	20.0
Phenanthrene, 2...	18.140	15.2	ng/ul	352316	4	17.259	464601	20.0
Phenanthrene, 1...	18.187	15.7	ng/ul	365347	4	17.259	464601	20.0
4H-Cyclopenta[d...	18.334	23.3	ng/ul	542305	4	17.259	464601	20.0
Anthracene, 1-m...	18.369	7.5	ng/ul	173441	4	17.259	464601	20.0
5,16[1',2']:8,1...	18.640	8.9	ng/ul	207546	4	17.259	464601	20.0
9,10-Anthracene...	18.687	15.4	ng/ul	357389	4	17.259	464601	20.0
Phenanthrene, 2...	18.886	5.1	ng/ul	117441	4	17.259	464601	20.0
Phenanthrene, 3...	18.933	5.4	ng/ul	125572	4	17.259	464601	20.0
di-p-Tolylacety...	18.974	3.5	ng/ul	80697	4	17.259	464601	20.0
9,10-Dimethylan...	19.057	13.5	ng/ul	313431	4	17.259	464601	20.0
Cyclopenta(def)...	19.204	13.0	ng/ul	302091	4	17.259	464601	20.0
Naphthalene, 2-...	19.386	4.9	ng/ul	113608	4	17.259	464601	20.0
Pyrene, 1-methyl-	20.020	3.0	ng/ul	478775	5	21.525	3226170	20.0
11H-Benzo[b]flu...	20.179	3.6	ng/ul	583691	5	21.525	3226170	20.0
Benzo[b]naphtho...	21.113	3.3	ng/ul	532849	5	21.525	3226170	20.0
Cyclopenta[cd]p...	21.201	3.2	ng/ul	516425	5	21.525	3226170	20.0
Triphenylene, 2...	22.230	2.6	ng/ul	412373	5	21.525	3226170	20.0
Benz[a]anthrace...	22.294	2.5	ng/ul	410780	5	21.525	3226170	20.0
9(10H)-anthrace...	23.287	12.6	ng/ul	273388	6	24.621	435760	20.0
1-Docosanethiol	23.787	17.4	ng/ul	379645	6	24.621	435760	20.0
Benzo[e]pyrene	23.892	17.3	ng/ul	377007	6	24.621	435760	20.0
Benzo[j]fluoran...	24.339	29.0	ng/ul	630989	6	24.621	435760	20.0