LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4C40

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: BG061554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	8	14	33	rVB	1059402	1971673	100.00%	6.725%
2	7.060	688	693	704	rVB	101617	175362	8.89%	0.598%
3	7.201	710	717	727	rBV	61666	99485	5.05%	0.339%
4	7.412	746	753	759	rBV	100584	162358	8.23%	0.554%
5	7.870	825	831	838	rVV	90266	146308	7.42%	0.499%
6	8.593	948	954	962	rBV2	111461	189690	9.62%	0.647%
7	9.028	1020	1028	1036	rVB	101357	172659	8.76%	0.589%
8	9.750	1145	1151	1159	rBV	88680	152957	7.76%	0.522%
9	10.303	1239	1245	1256	rVB	123708	222077	11.26%	0.757%
10	10.661	1299	1306	1312	rBV	116059	206239	10.46%	0.703%
11	10.802	1325	1330	1341	rBV2	29290	58640	2.97%	0.200%
12	13.828	1838	1845	1850	rBV	45076	76672	3.89%	0.262%
13	13.910	1855	1859	1866	rVV	214492	321594	16.31%	1.097%
14	14.204	1902	1909	1912	rBV2	231079	403680	20.47%	1.377%
15	14.510	1952	1961	1967	rBV	189748	314182	15.93%	1.072%
16	14.762	1999	2004	2017	rVV	54089	113731	5.77%	0.388%
17	14.909	2020	2029	2036	rVB	150429	234756	11.91%	0.801%
18	14.986	2036	2042	2049	rVB2	34366	45997	2.33%	0.157%
19	15.127	2059	2066	2071	rBV3	28232	53983	2.74%	0.184%
20	15.179	2071	2075	2084	rVB	33148	47587	2.41%	0.162%
21	15.303	2088	2096	2099	rBV2	26321	52351	2.66%	0.179%
22	15.503	2121	2130	2135	rVV	330622	517727	26.26%	1.766%
23	15.561	2135	2140	2151	rVB2	60480	124615	6.32%	0.425%
24	15.655	2151	2156	2164	rBV	92455	146536	7.43%	0.500%
25	15.855	2183	2190	2197	rVV	80498	125594	6.37%	0.428%
26	16.002	2206	2215	2223	rVV	100121	203909	10.34%	0.695%
27	16.237	2249	2255	2260	rBV3	28121	47300	2.40%	0.161%
28	16.566	2302	2311	2317	rVV6	21309	56734	2.88%	0.194%
29	16.795	2342	2350	2354	rBV2	52746	97660	4.95%	0.333%
30	16.919	2366	2371	2378	rVB	285881	430276	21.82%	1.468%
31	16.995	2378	2384	2390	rBV2	51623	98567	5.00%	0.336%
32	17.077	2394	2398	2408	rVB	92680	153396	7.78%	0.523%
33	17.265	2424	2430	2433	rBV	245840	392064	19.88%	1.337%
34	17.306	2433	2437	2442	rVV	1333570	1969420	99.89%	6.717%
35	17.365	2442	2447	2450	rVV	350268	522188	26.48%	1.781%
36	17.394	2450	2452	2457	rVB	239470	302482	15.34%	1.032%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4C40

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	17.582	2480	2484	2490	rVB	29685	44170	2.24%	0.151%
38	17.671	2490	2499	2503	rBV2	86328	157901	8.01%	0.539%
39	17.776	2512	2517	2524	rVB3	32665	52875	2.68%	0.180%
40	17.853	2524	2530	2537	rVB4	76185	143546	7.28%	0.490%
41	18.064	2562	2566	2570	rBV2	42482	63272	3.21%	0.216%
42	18.141	2570	2579	2583	rVV	190879	310128	15.73%	1.058%
43	18.188	2583	2587	2592	rVB	273508	405310	20.56%	1.382%
44	18.270	2596	2601	2606	rVB2	86010	116326	5.90%	0.397%
45	18.335	2606	2612	2616	rBV2	140035	287350	14.57%	0.980%
46	18.376	2616	2619	2626	rVB	125218	168378	8.54%	0.574%
47	18.640	2659	2664	2668	rBV	131208	184446	9.35%	0.629%
48	18.687	2668	2672	2678	rVB2	139713	192074	9.74%	0.655%
49	18.887	2697	2706	2711	rBV5	39103	79472	4.03%	0.271%
50	18.940	2711	2715	2718	rVB	38355	46351	2.35%	0.158%
51	18.975	2718	2721	2726	rVB	41385	58579	2.97%	0.200%
52	19.057	2726	2735	2738	rBV	96909	194303	9.85%	0.663%
53	19.151	2749	2751	2755	rVV2	46165	52036	2.64%	0.177%
54	19.204	2755	2760	2768	rVB2	216513	371657	18.85%	1.268%
55	19.327	2773	2781	2787	rBV	1419465	1955492	99.18%	6.670%
56	19.386	2787	2791	2794	rBV	33503	44862	2.28%	0.153%
57	19.421	2794	2797	2801	rVB3	55105	68116	3.45%	0.232%
58	19.474	2801	2806	2810	rBV	160958	221938	11.26%	0.757%
59	19.527	2810	2815	2819	rVV3	40953	77321	3.92%	0.264%
60	19.568	2819	2822	2825	rVV2	30373	43731	2.22%	0.149%
61	19.657	2831	2837	2840	rBV2	618833	1003093	50.88%	3.421%
62	19.692	2840	2843	2850	rVB	893078	1159203	58.79%	3.954%
63	19.756	2850	2854	2861	rVB2	108716	176518	8.95%	0.602%
64	19.862	2861	2872	2878	rBV	119802	229710	11.65%	0.784%
65	19.921	2878	2882	2887	rVB2	51322	76455	3.88%	0.261%
66	20.009	2891	2897	2904	rBV4	120979	313211	15.89%	1.068%
67	20.144	2915	2920	2924	rBV5	95493	217634	11.04%	0.742%
68	20.338	2946	2953	2958	rVV2	137050	279780	14.19%	0.954%
69	20.420	2963	2967	2971	rBV2	37095	53673	2.72%	0.183%
70	20.479	2972	2977	2980	rBV	68372	94197	4.78%	0.321%
71	20.526	2981	2985	2989	rVB2	72608	99869	5.07%	0.341%
72	20.614	2996	3000	3002	rBV3	36685	48944	2.48%	0.167%
73	20.738	3016	3021	3023	rBV3	35032	51412	2.61%	0.175%
74	20.937	3050	3055	3060	rBV	277972	401221	20.35%	1.368%
75	21.108	3078	3084	3088	rBV2	137914	239620	12.15%	0.817%
76	21.155	3088	3092	3093	rBV	76867	92123	4.67%	0.314%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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	21.172	3093	3095	3098	rVV3	36207	53853	2.73%	0.184%
78	21.266	3106	3111	3118	rVB	227739	364316	18.48%	1.243%
79	21.507	3146	3152	3159	rBV2	687373	1559636	79.10%	5.320%
80	21.566	3159	3162	3175	rVB	485633	796273	40.39%	2.716%
81	21.789	3195	3200	3203	rBV3	50340	94585	4.80%	0.323%
82	21.930	3217	3224	3229	rBV4	48667	124136	6.30%	0.423%
83	21.977	3229	3232	3237	rVV4	34118	57308	2.91%	0.195%
84	22.230	3269	3275	3280	rVB2	107616	187192	9.49%	0.638%
85	22.295	3281	3286	3296	rBV5	120399	376230	19.08%	1.283%
86	22.494	3315	3320	3325	rBV	37474	65387	3.32%	0.223%
87	23.129	3424	3428	3433	rVB6	38406	72756	3.69%	0.248%
88	23.282	3447	3454	3472	rVB5	128510	333356	16.91%	1.137%
89	23.646	3507	3516	3522	rBV2	303085	948358	48.10%	3.235%
90	23.711	3523	3527	3534	rVV2	356004	808606	41.01%	2.758%
91	23.793	3535	3541	3550	rVV5	105892	324288	16.45%	1.106%
92	23.893	3553	3558	3565	rVB	74329	177552	9.01%	0.606%
93	24.116	3586	3596	3606	rBV4	40429	134014	6.80%	0.457%
94	24.333	3629	3633	3638	rBV	40996	87768	4.45%	0.299%
95	24.416	3639	3647	3652	rVV2	188100	505468	25.64%	1.724%
96	24.480	3652	3658	3668	rVB	169568	445095	22.57%	1.518%
97	24.621	3674	3682	3690	rBV	190615	502483	25.49%	1.714%
98	25.115	3758	3766	3777	rVB3	145710	408139	20.70%	1.392%
99	25.685	3855	3863	3873	rVB2	125249	370100	18.77%	1.262%
100	28.147	4273	4282	4297	rBV3	53773	234717	11.90%	0.801%

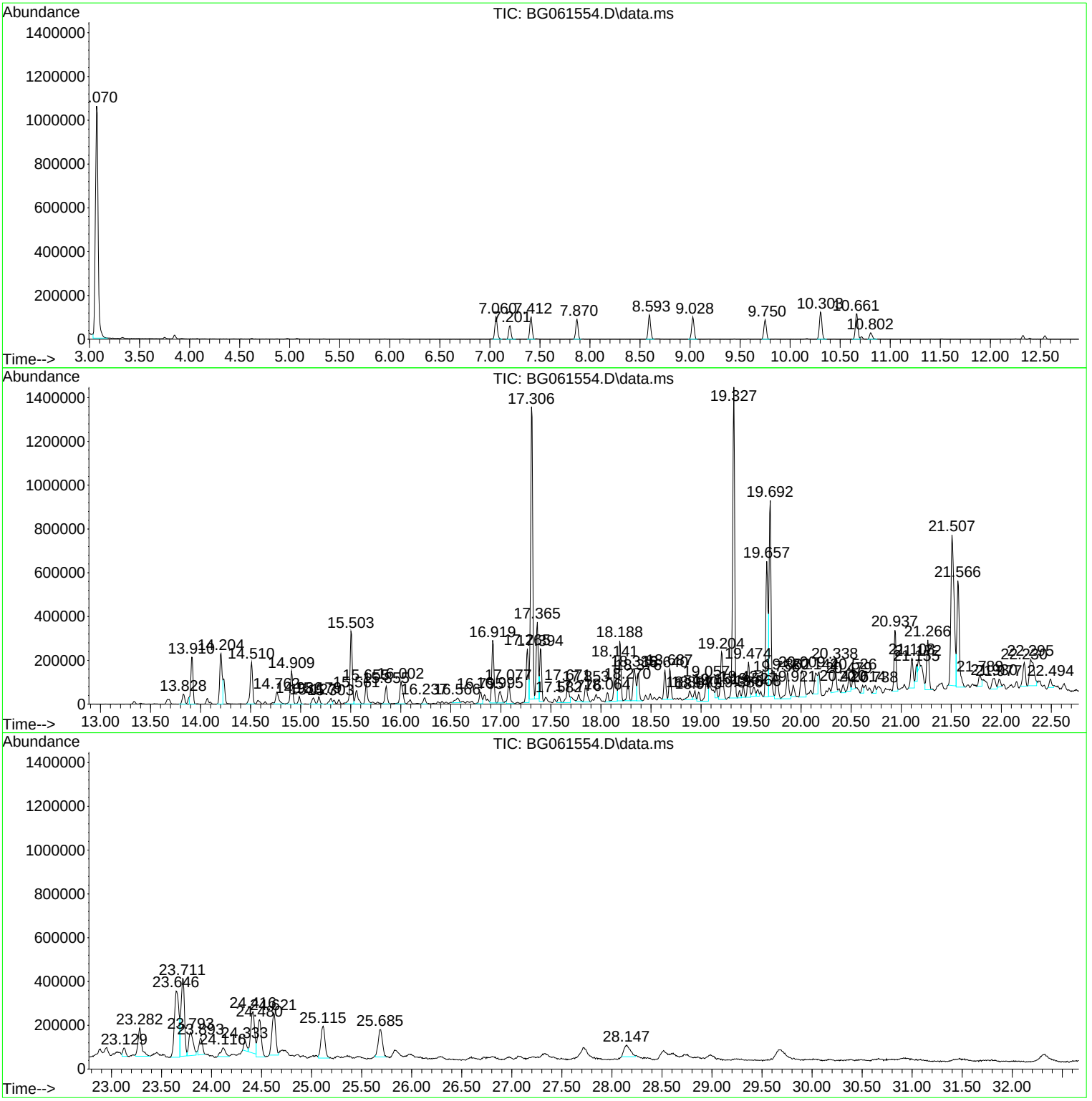
Sum of corrected areas: 29318362

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

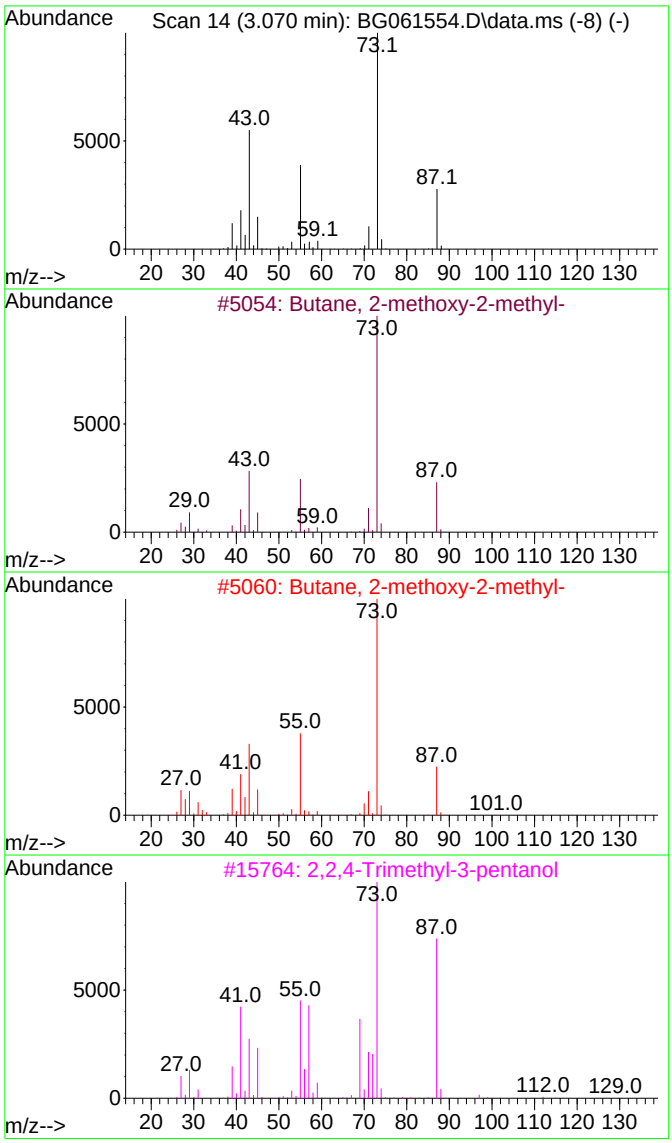
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

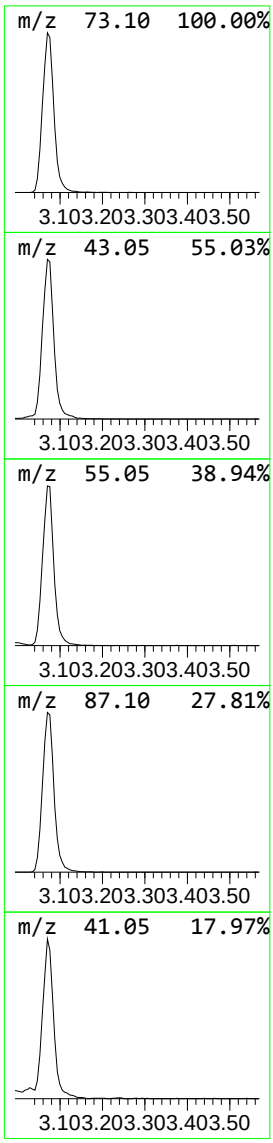
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	269.52 ng/ul	1971670	1,4-Dichlorobenzene-d4	7.870

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

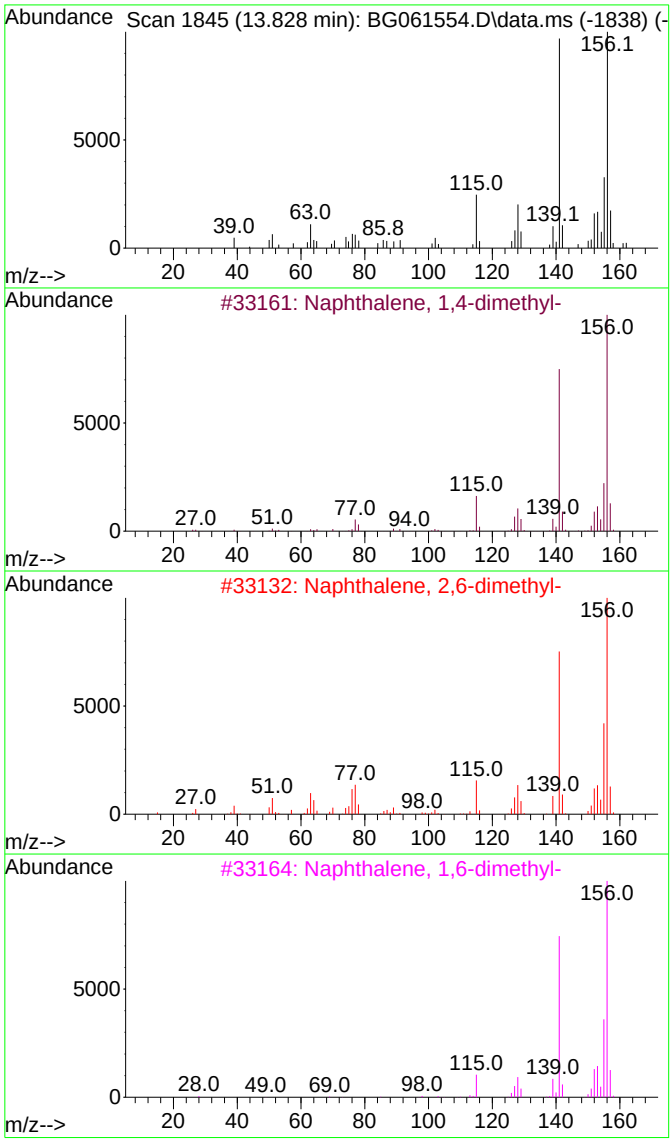
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

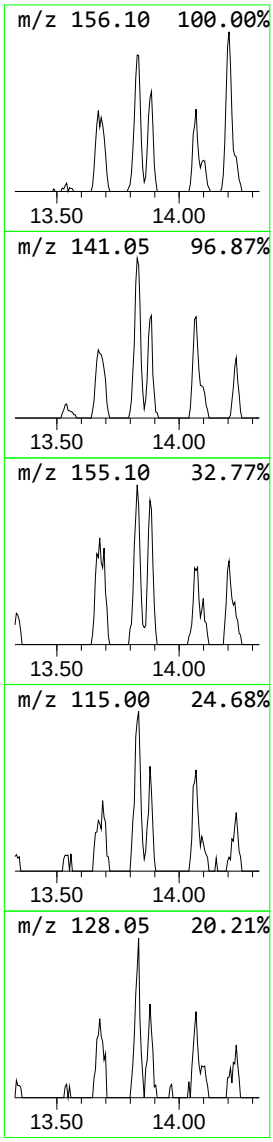
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	4.88 ng/ul	76672	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

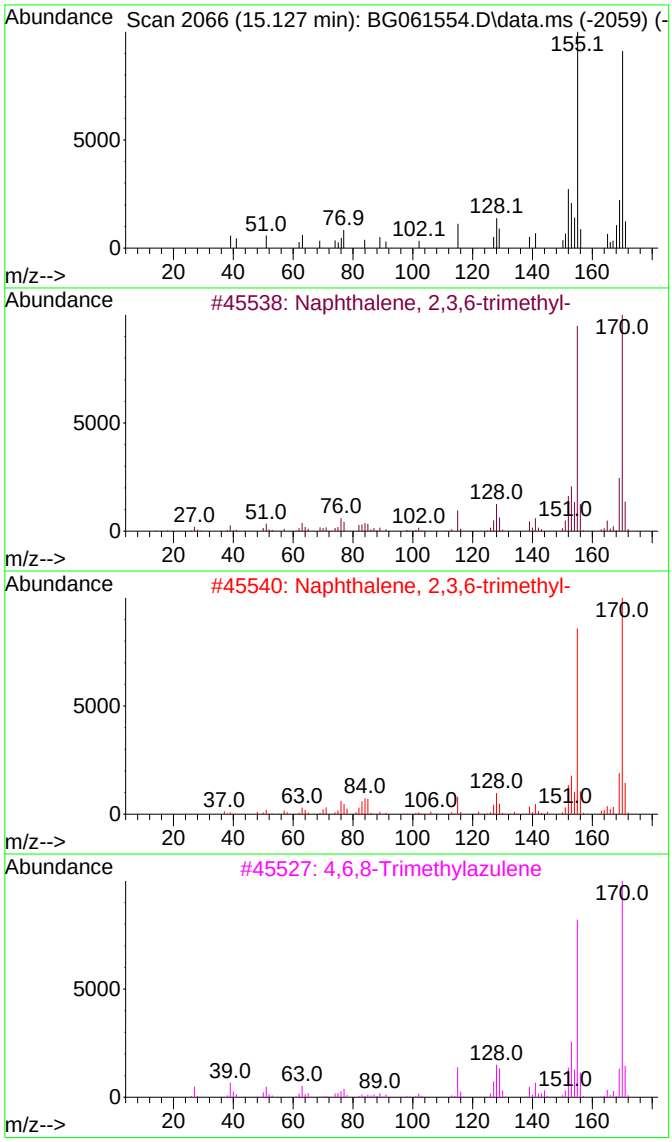
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

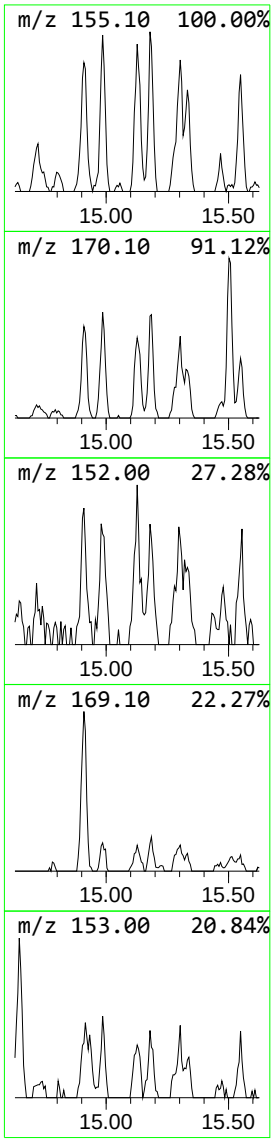
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	3.44 ng/ul	53983	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

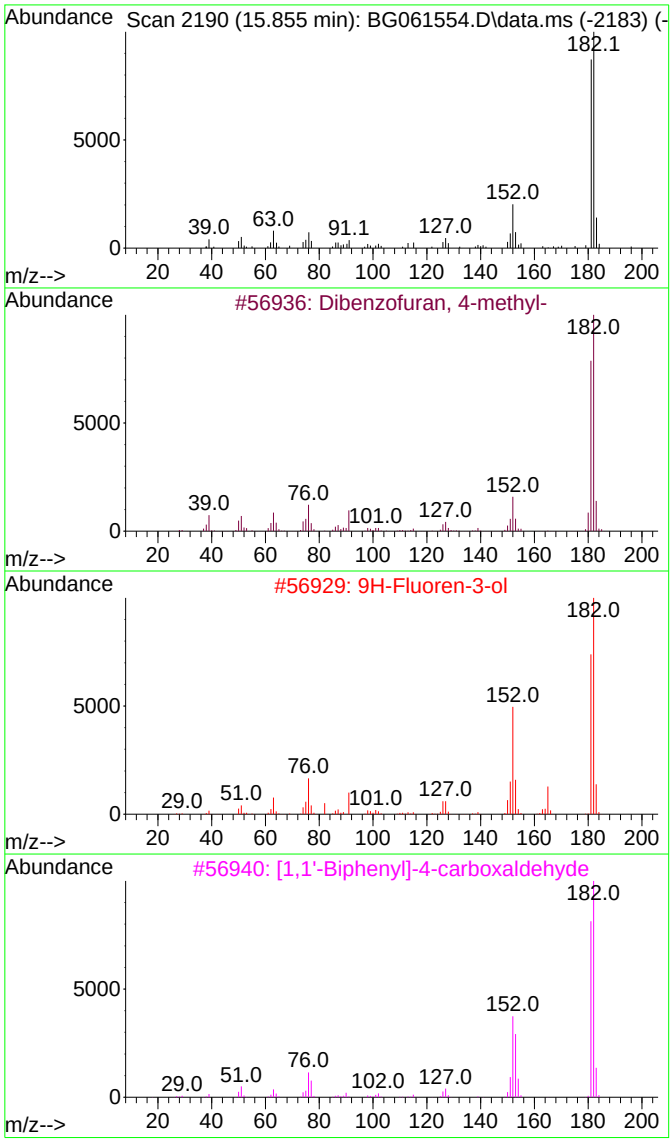
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

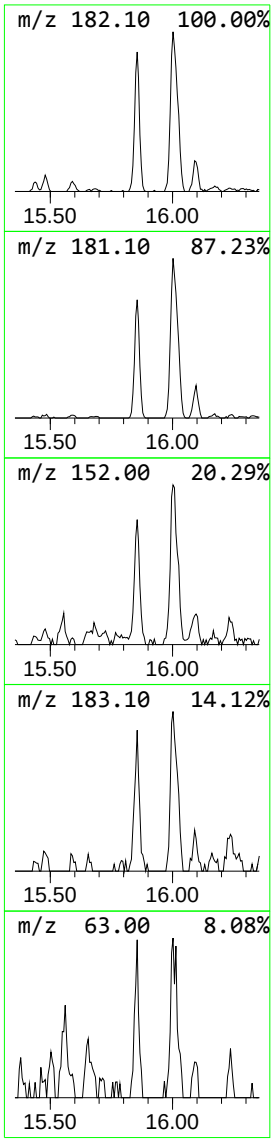
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.855	7.99 ng/ul	125594	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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

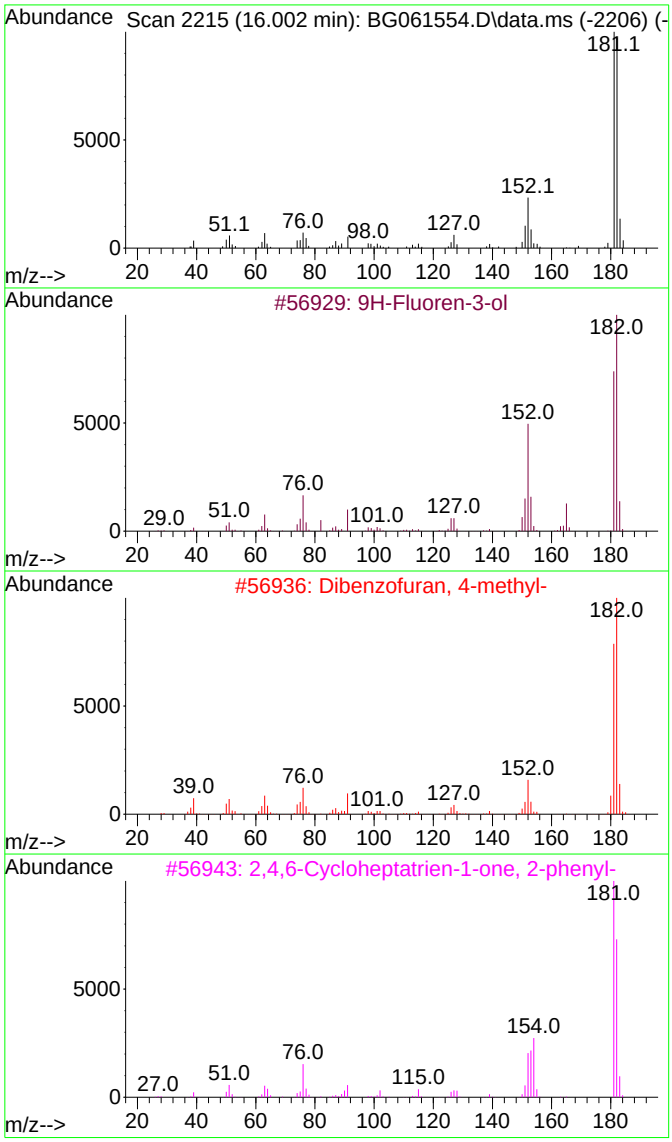
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

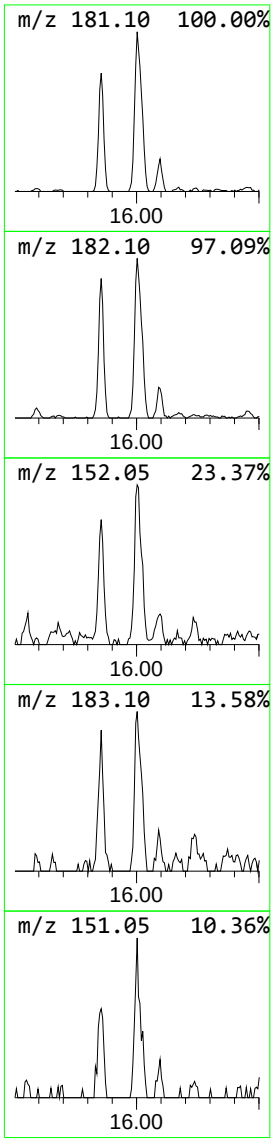
****

Peak Number 8 9H-Fluoren-3-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.002	10.40 ng/ul	203909	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

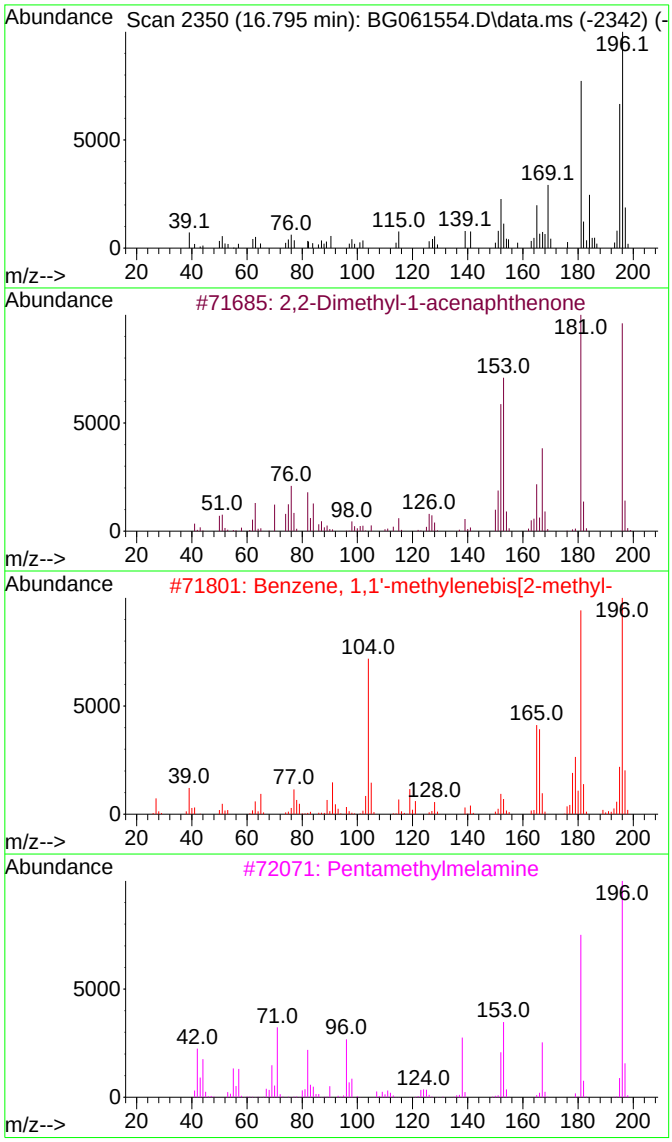
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

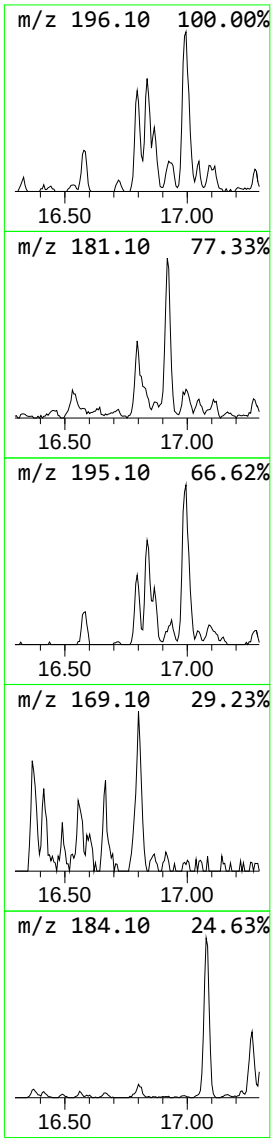
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2-Dimethyl-1-acenaphthenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.795	4.98 ng/ul	97660	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	60
2	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	53
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	52
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
5	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	46





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

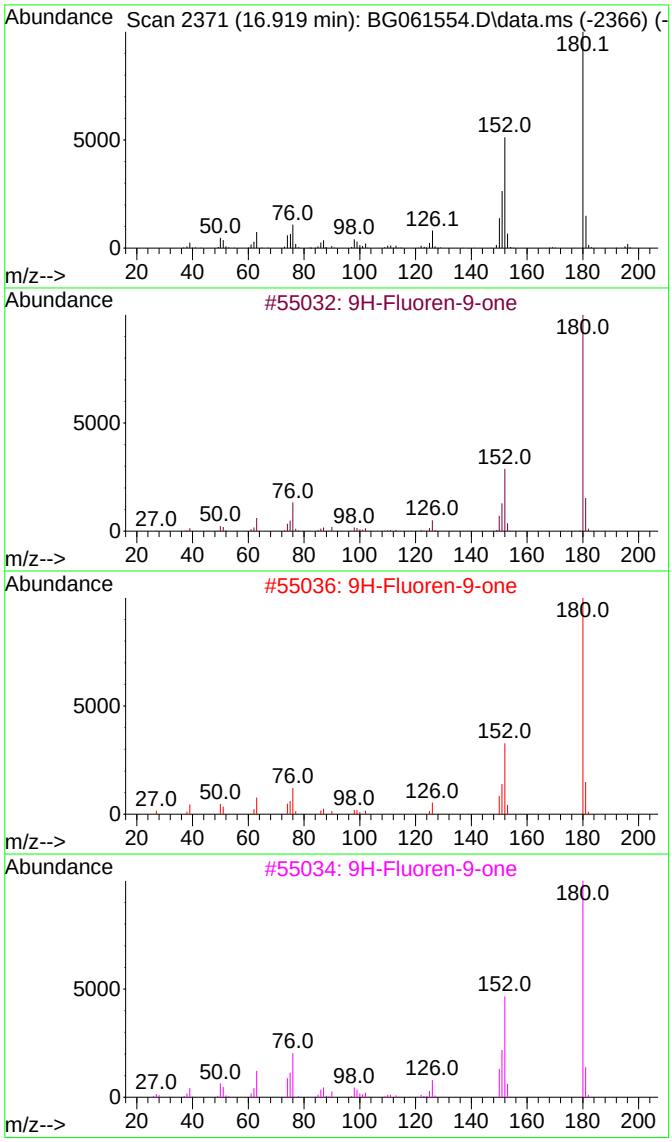
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

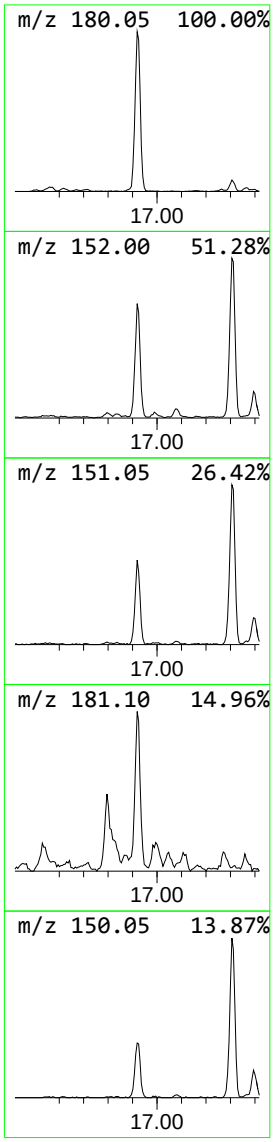
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	21.95 ng/ul	430276	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

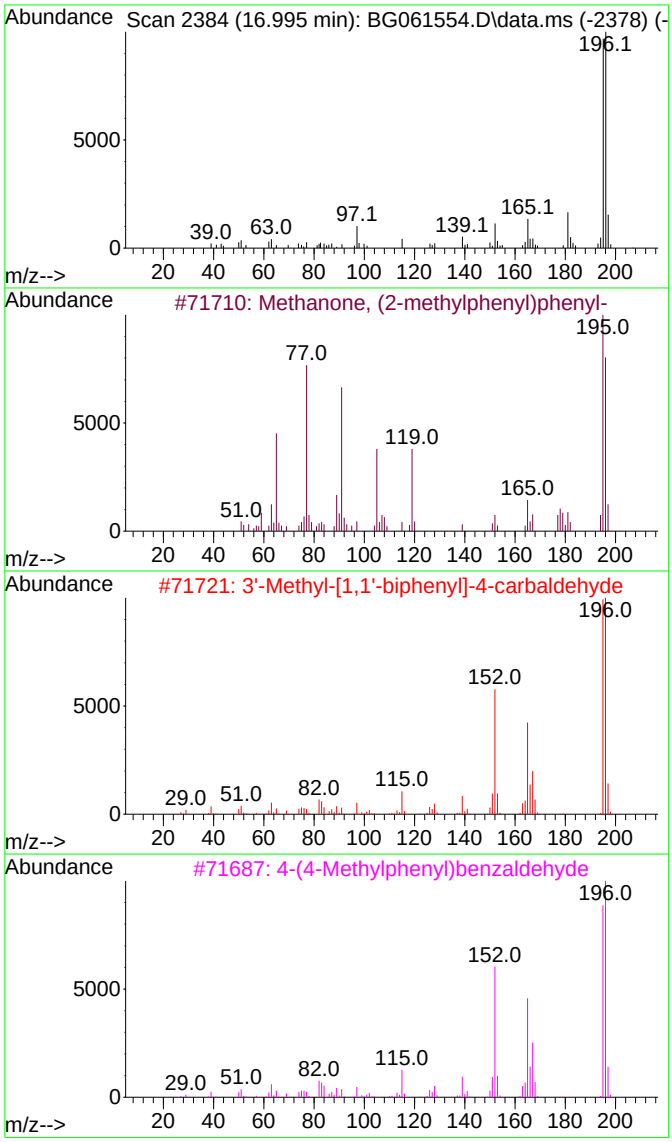
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

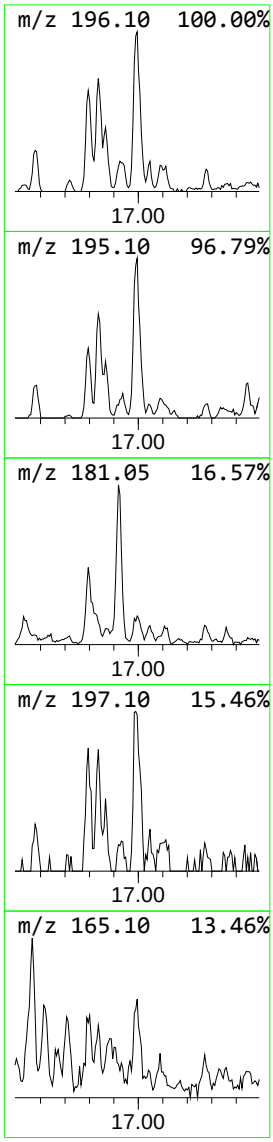
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Methanone, (2-methylphenyl)... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.995	5.03 ng/ul	98567	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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

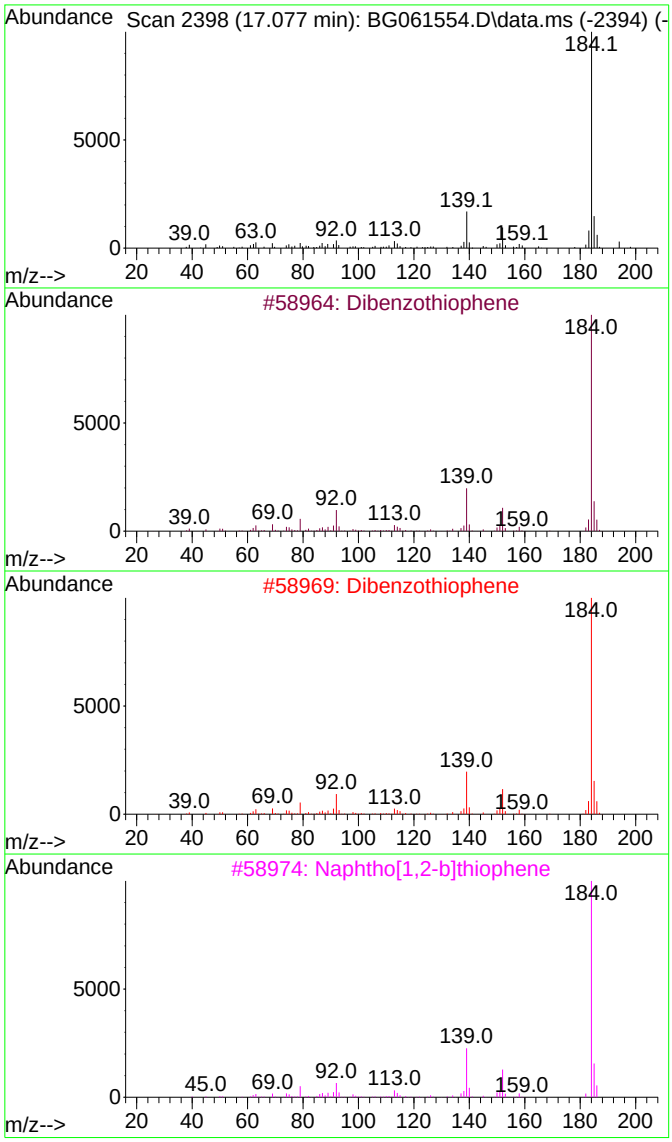
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

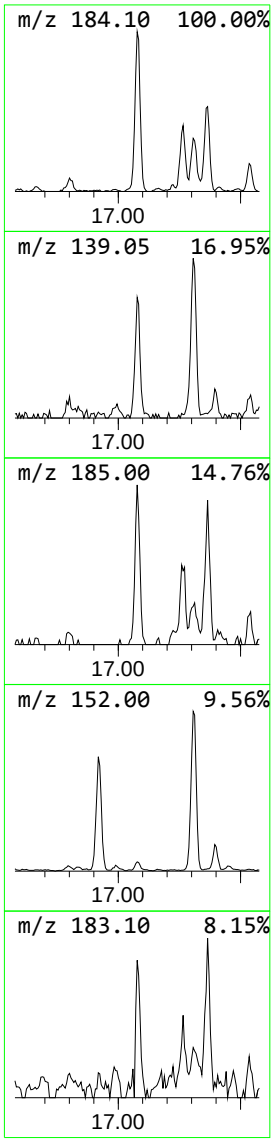
****

Peak Number 14 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	7.83 ng/ul	153396	Phenanthrene-d10	17.265

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





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

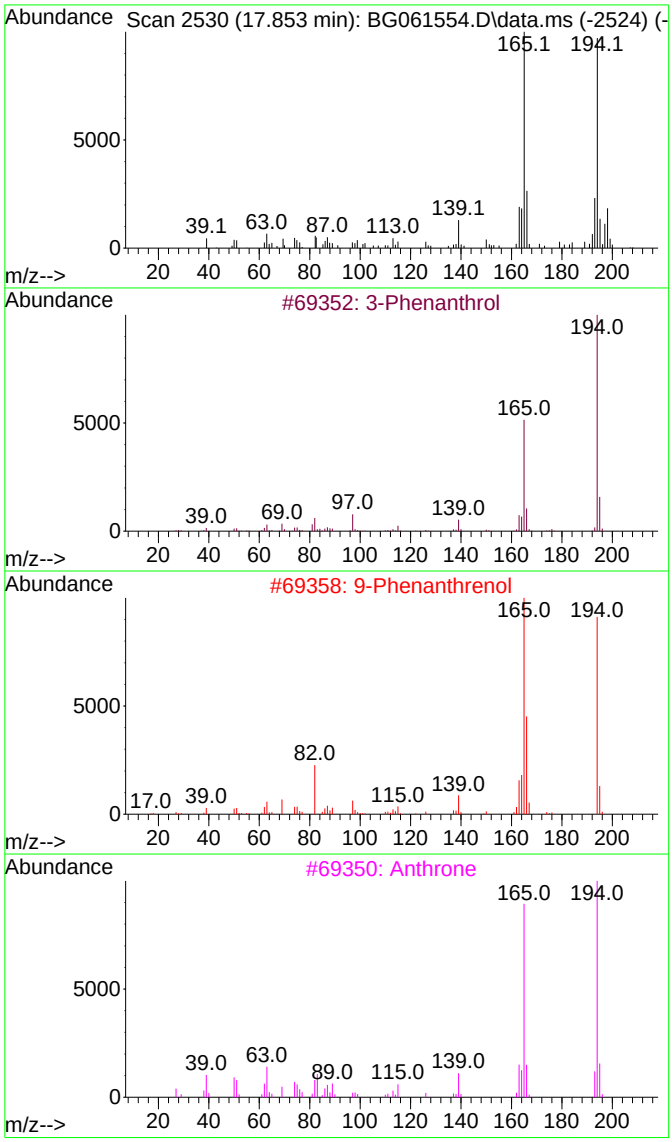
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

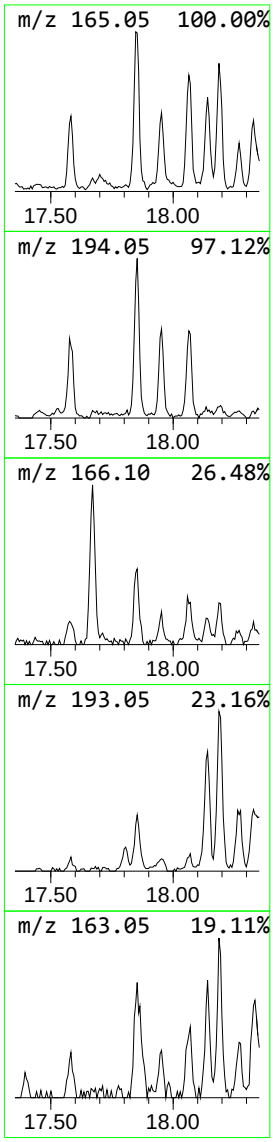
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Phenanthrol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.853	7.32 ng/ul	143546	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenanthrol	194	C14H10O	000605-87-8	90
2	9-Phenanthrenol	194	C14H10O	000484-17-3	89
3	Anthrone	194	C14H10O	000090-44-8	81
4	2-Phenanthrenol	194	C14H10O	000605-55-0	81
5	9-anthracenol	194	C14H10O	1000400-30-3	81





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

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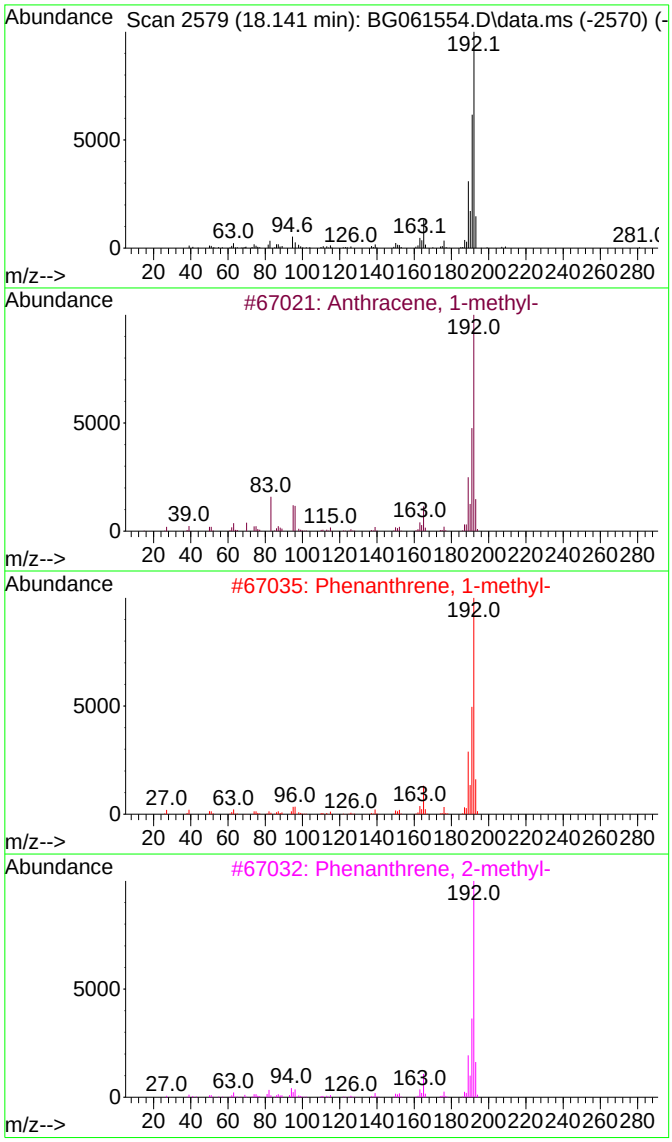
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

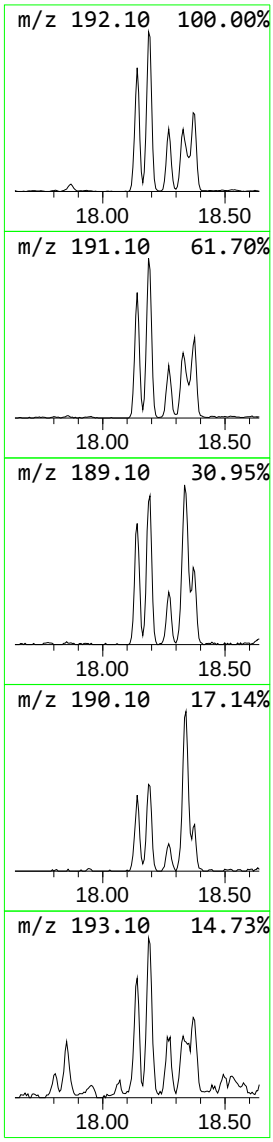
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	15.82 ng/ul	310128	Phenanthrene-d10	17.265

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





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

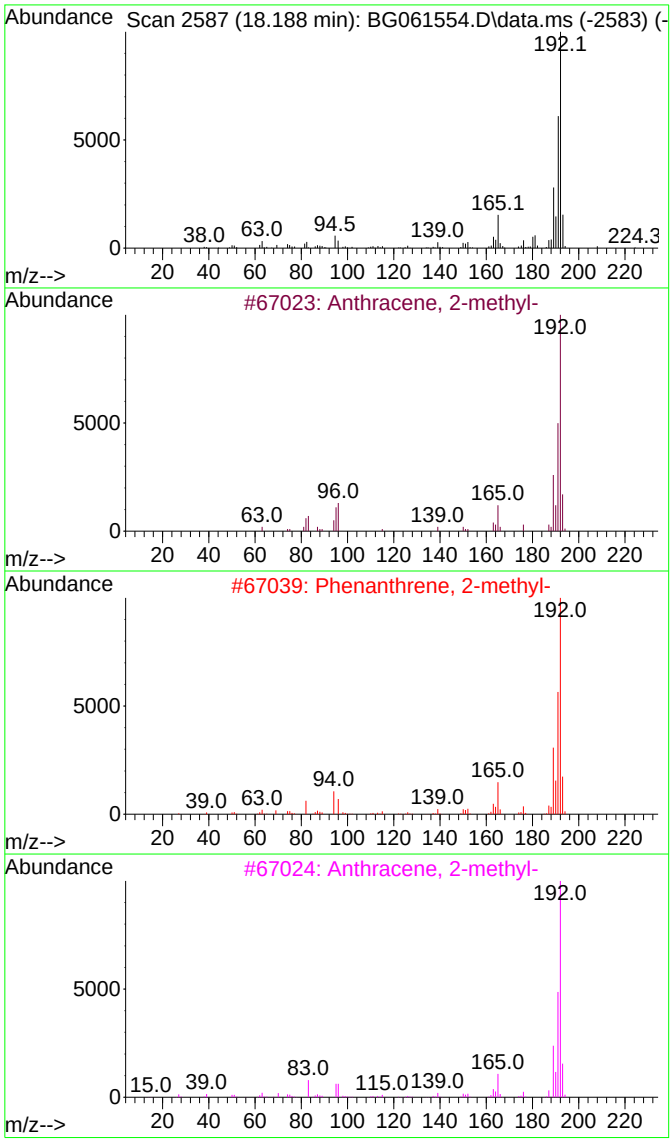
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

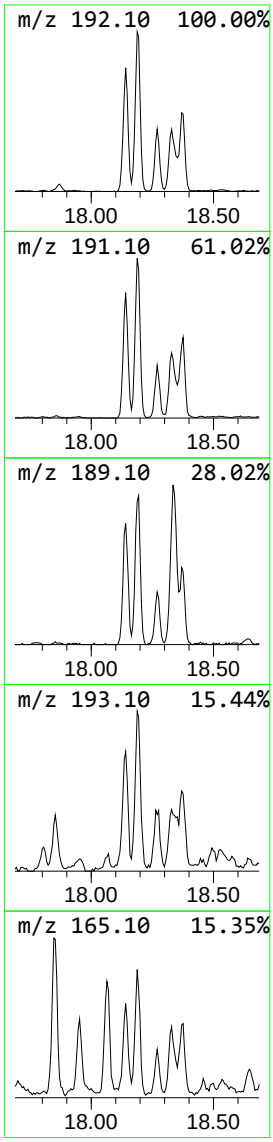
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	20.68 ng/ul	405310	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

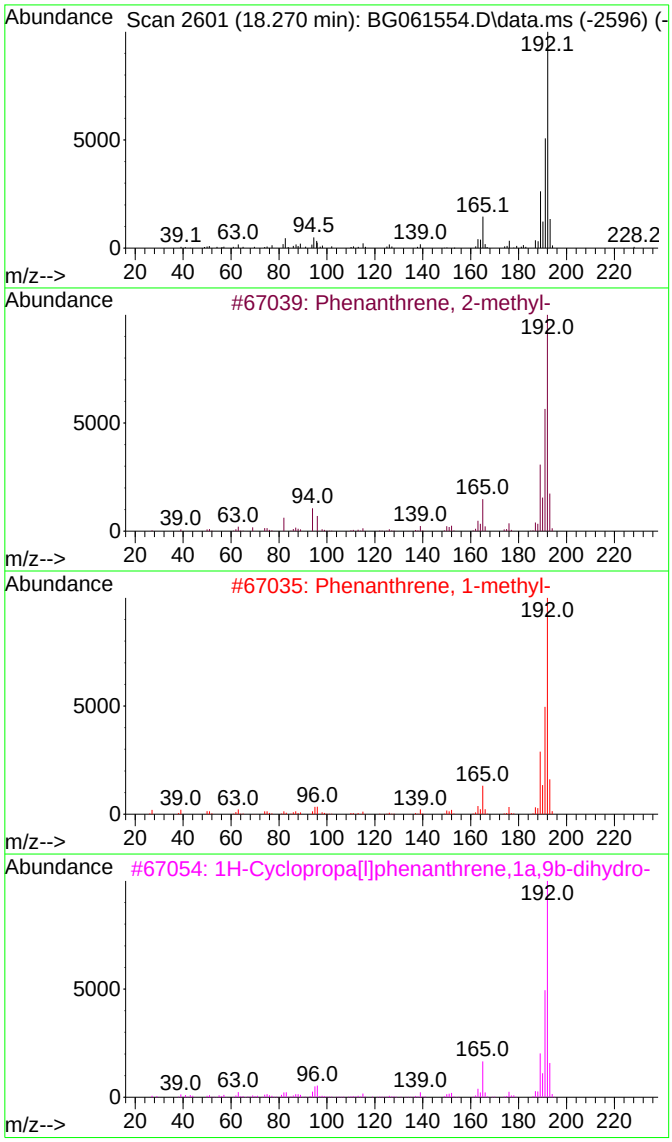
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

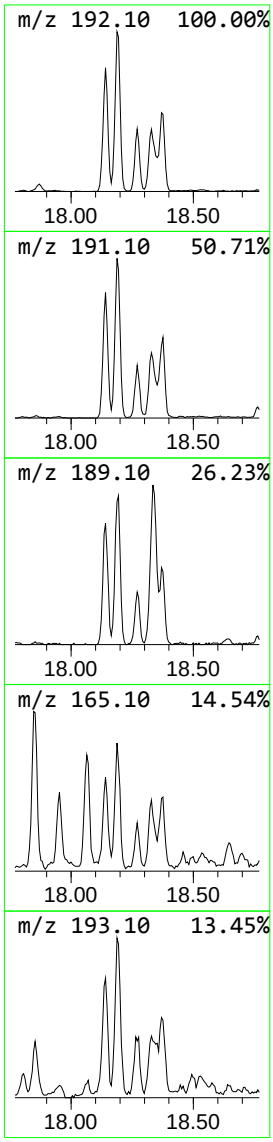
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.270	5.93 ng/ul	116326	Phenanthrene-d10	17.265

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 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

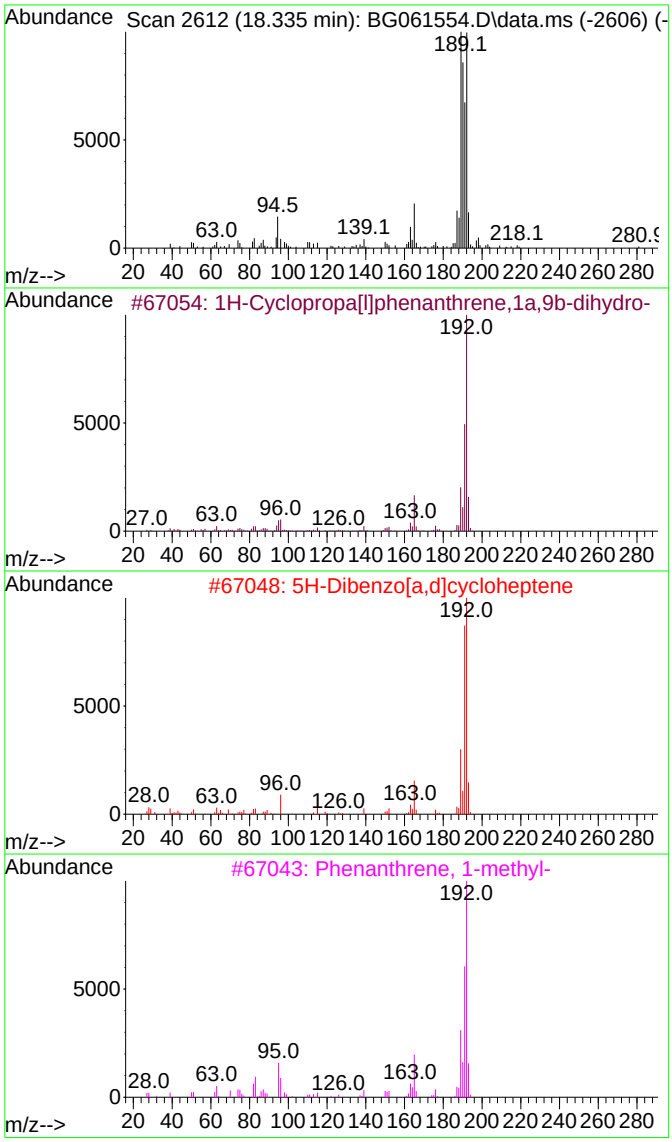
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

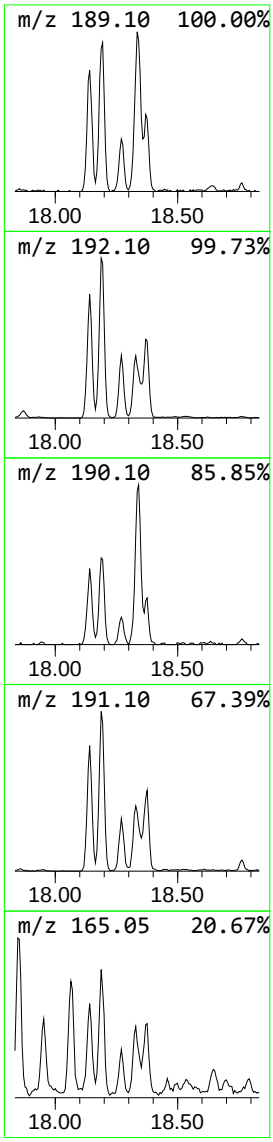
****

Peak Number 22 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	14.66 ng/ul	287350	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45





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Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

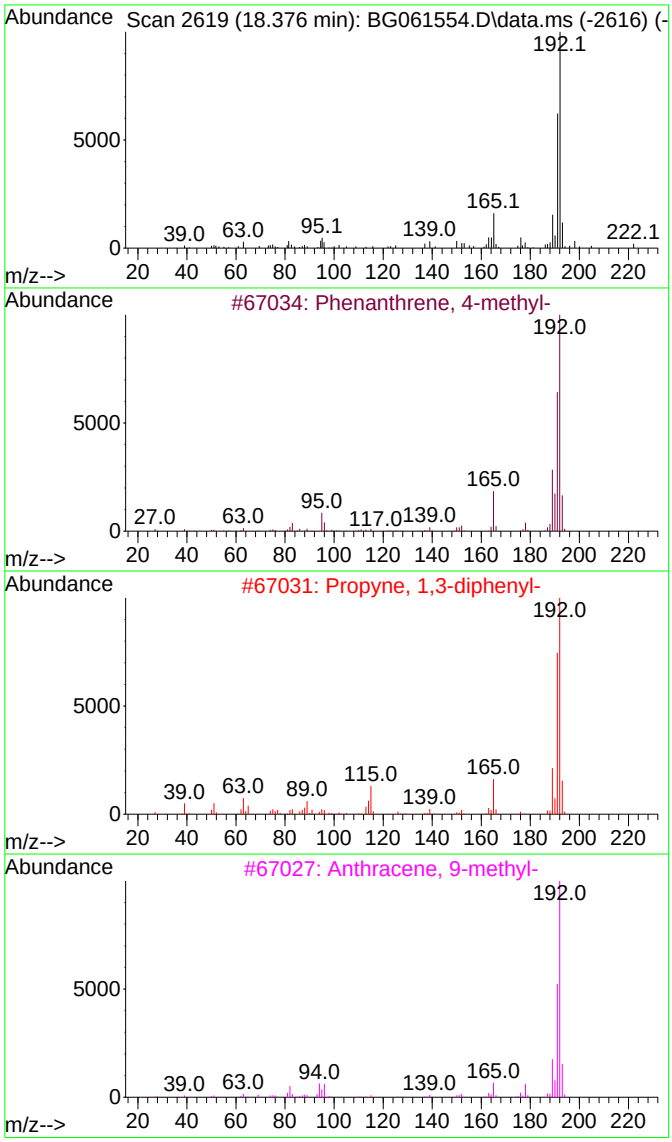
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

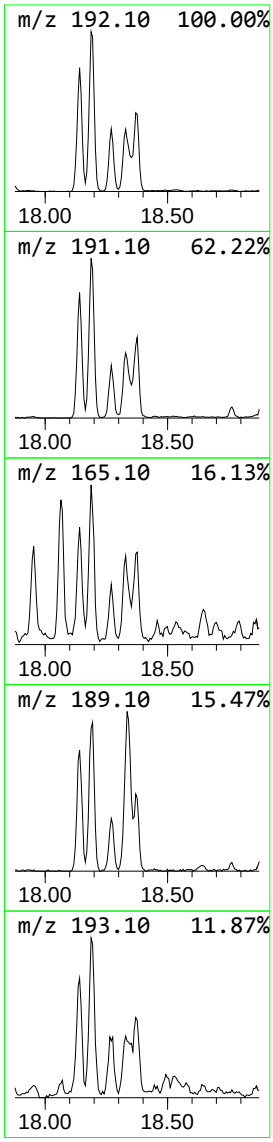
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	8.59 ng/ul	168378	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

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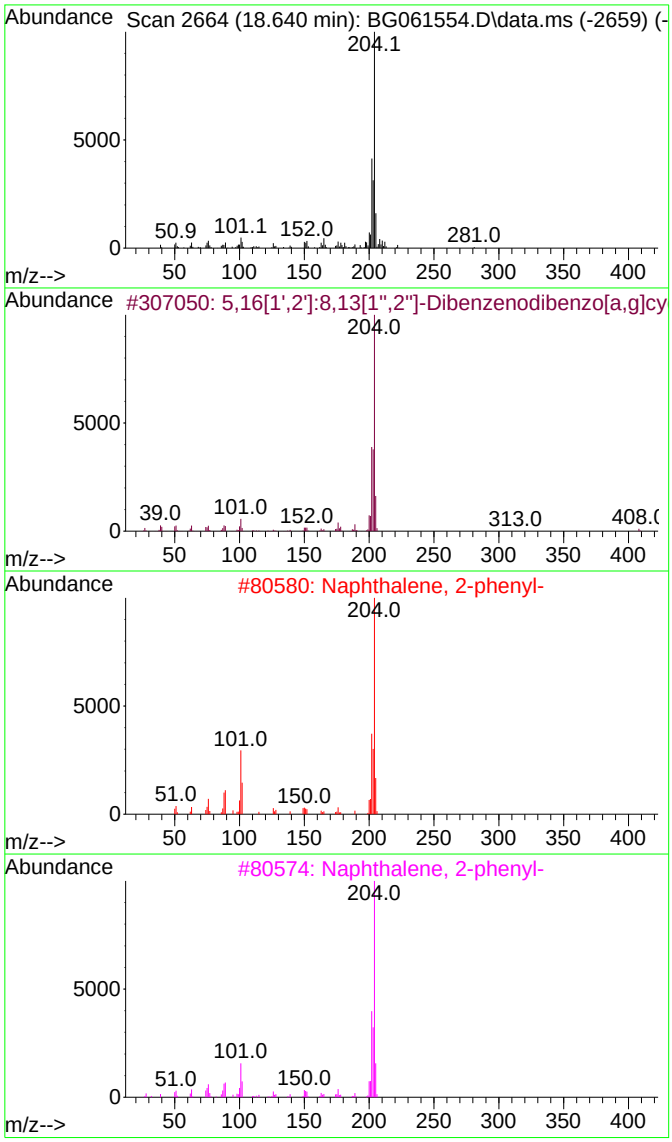
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

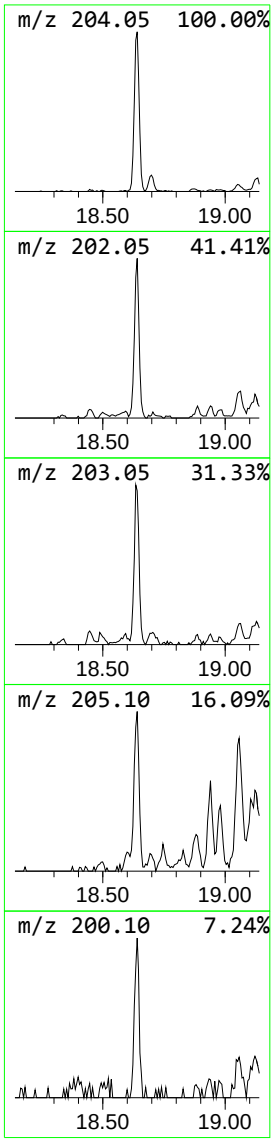
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	9.41 ng/ul	184446	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

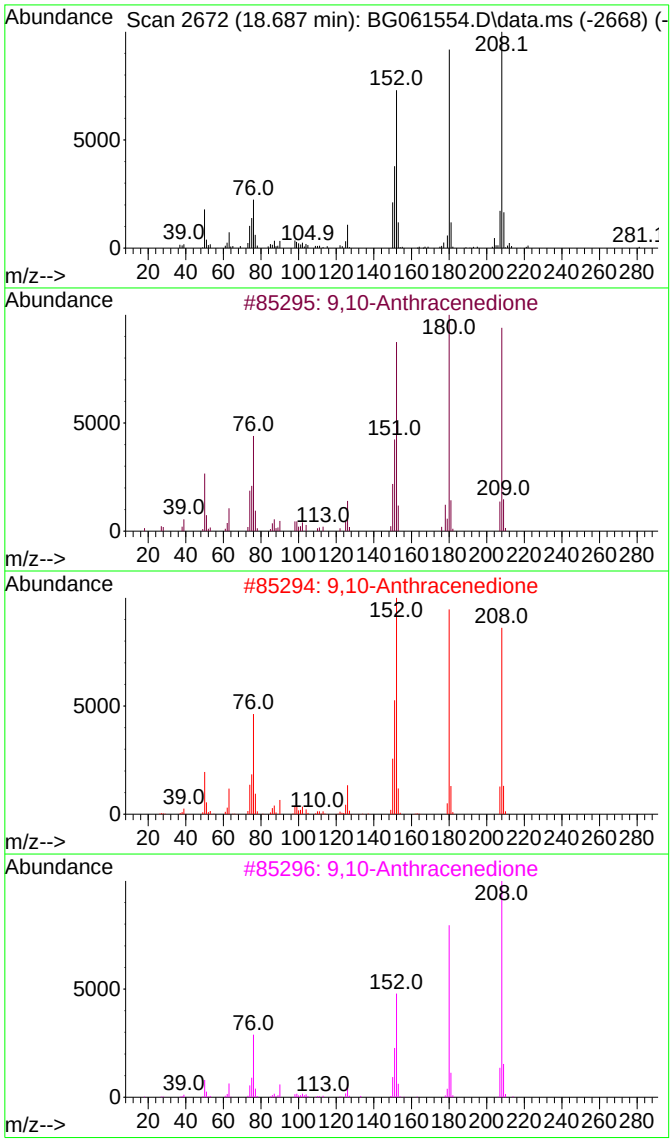
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

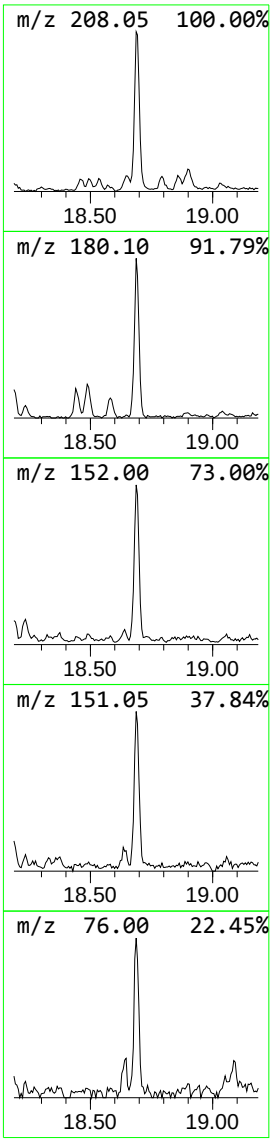
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	9.80 ng/ul	192074	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

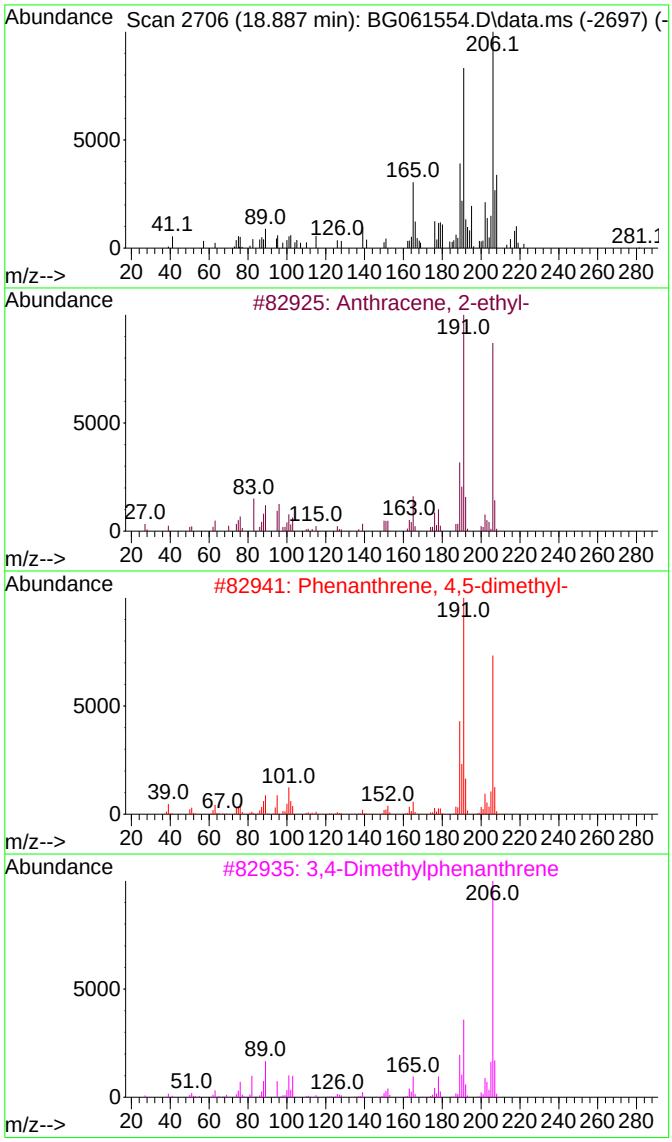
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

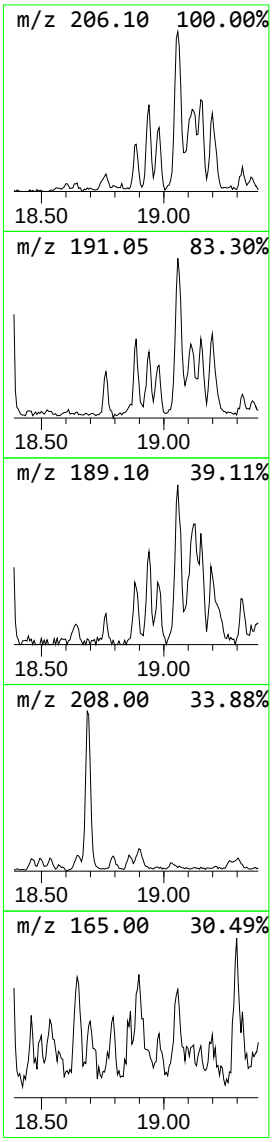
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Anthracene, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.887	4.05 ng/ul	79472	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

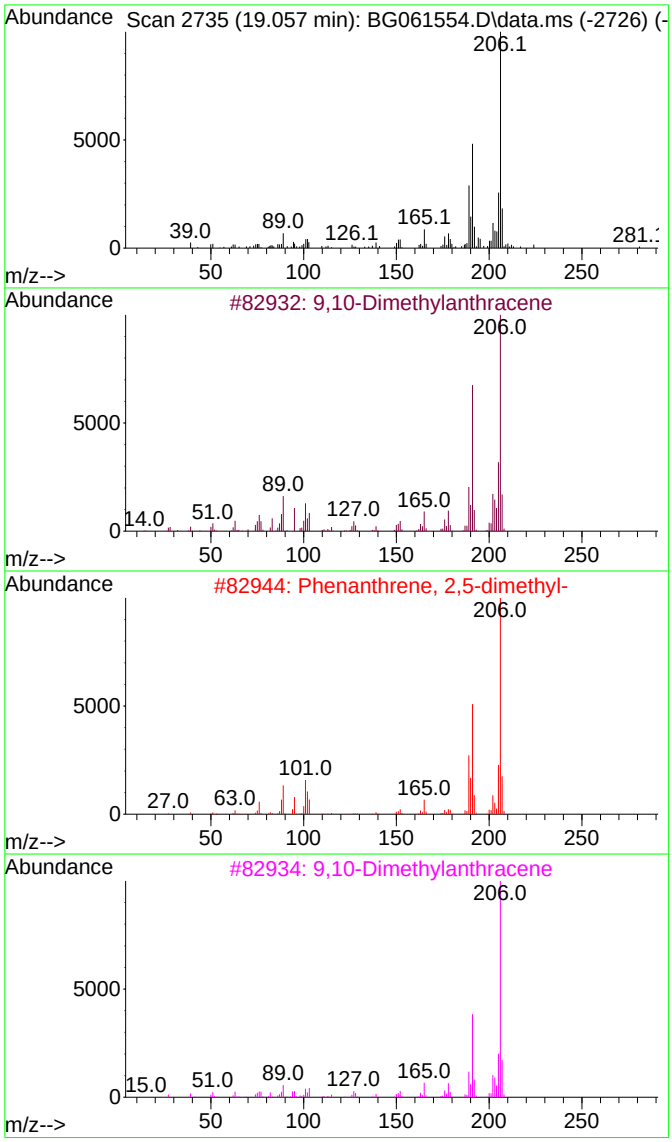
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

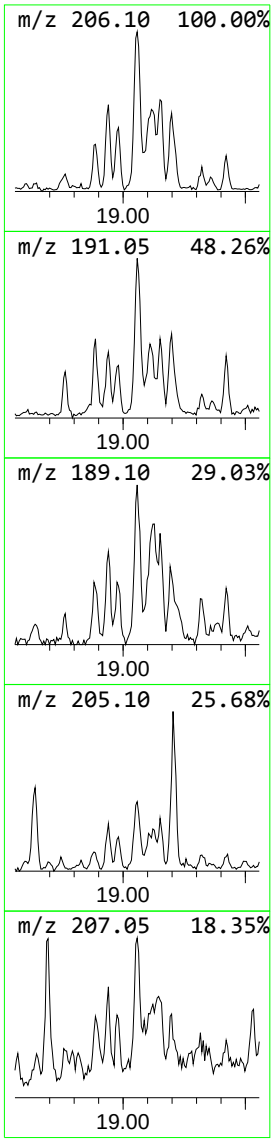
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	9.91 ng/ul	194303	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

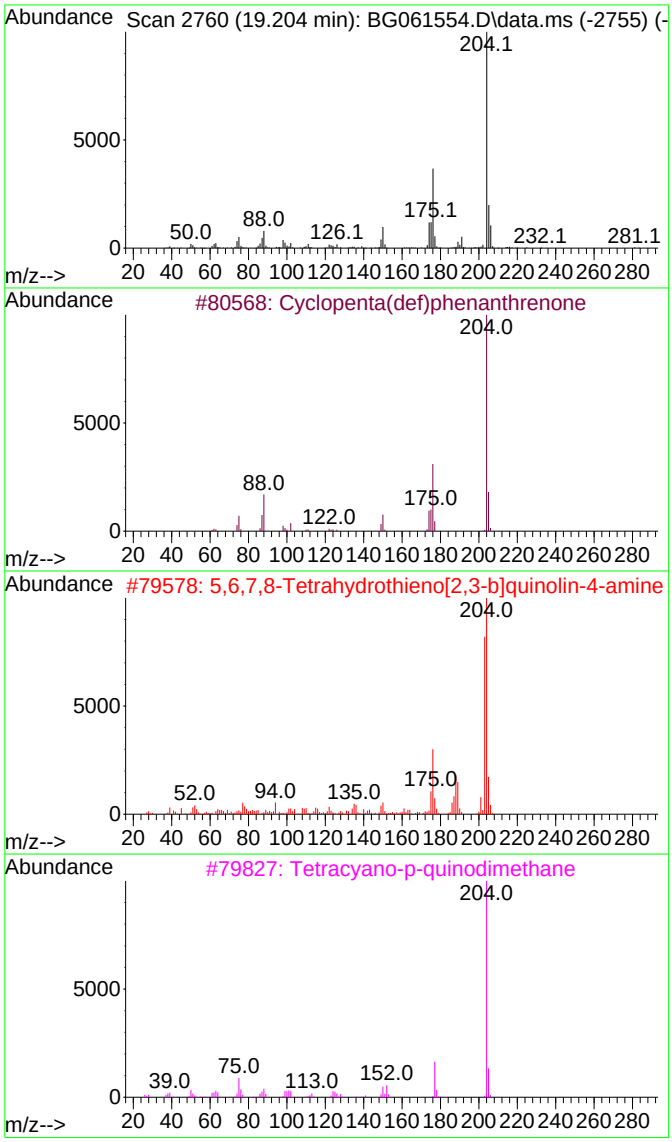
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

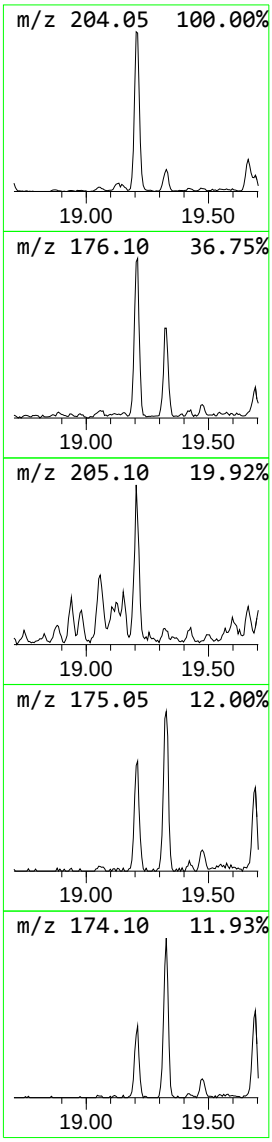
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	18.96 ng/ul	371657	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

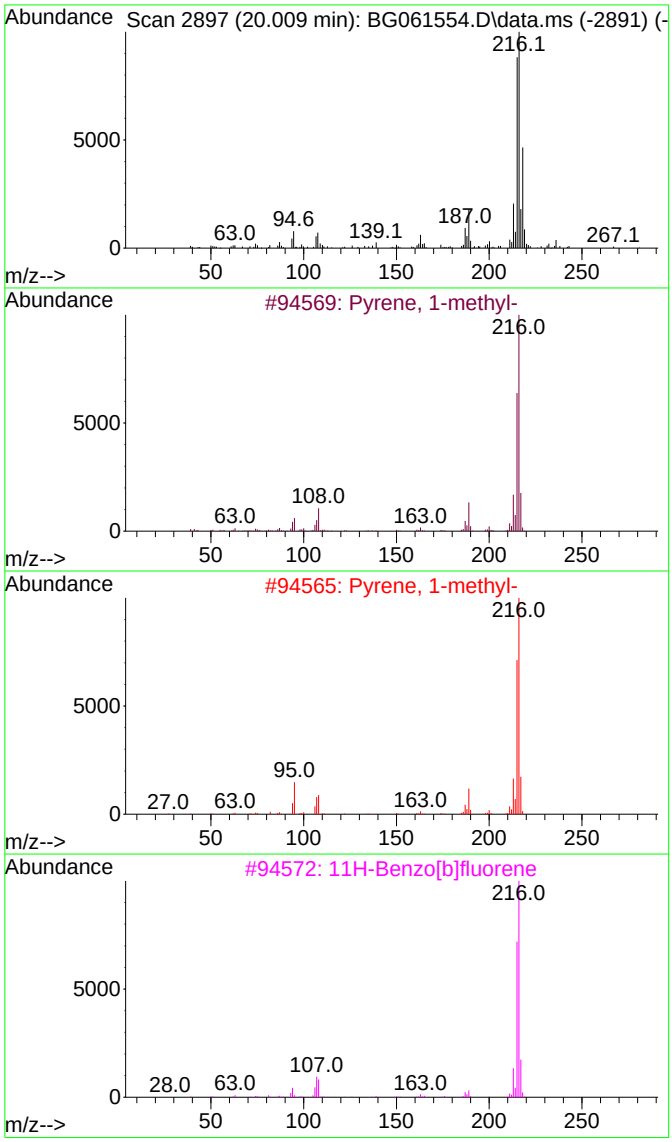
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

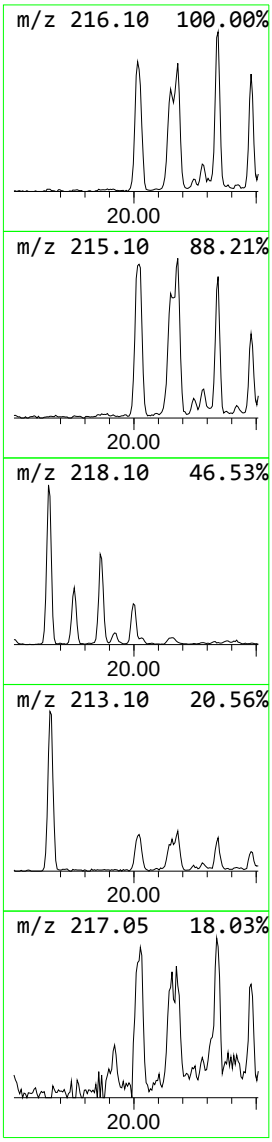
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	4.02 ng/ul	313211	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

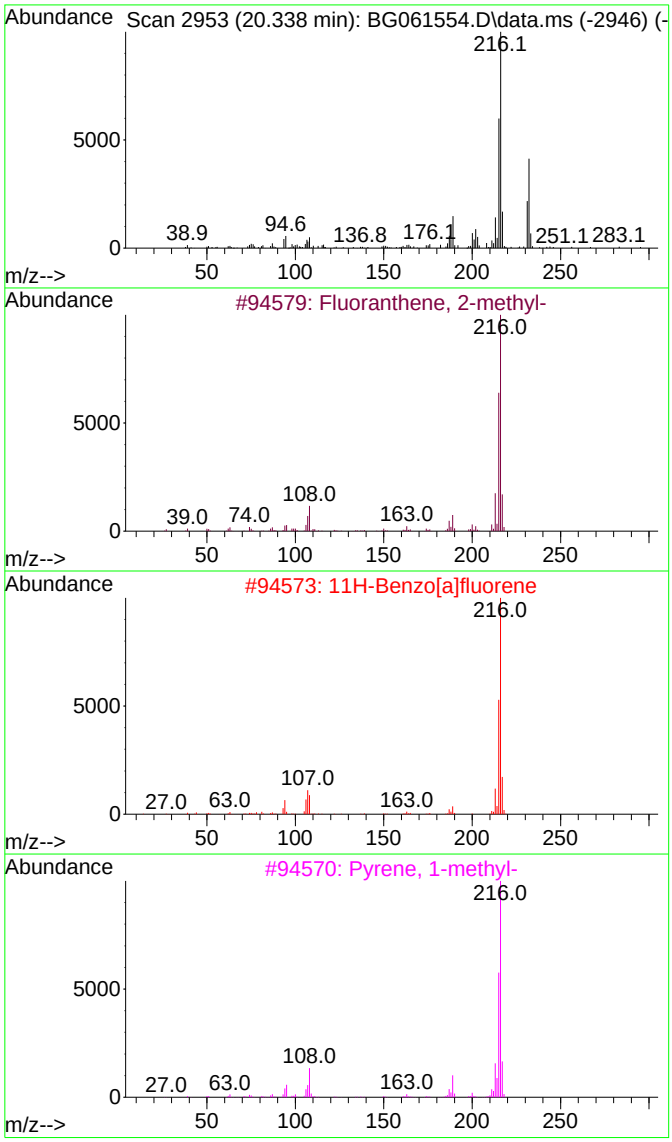
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

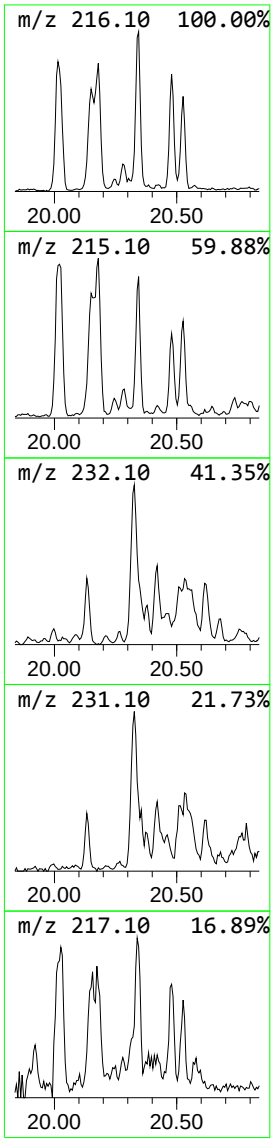
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Fluoranthene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	3.59 ng/ul	279780	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

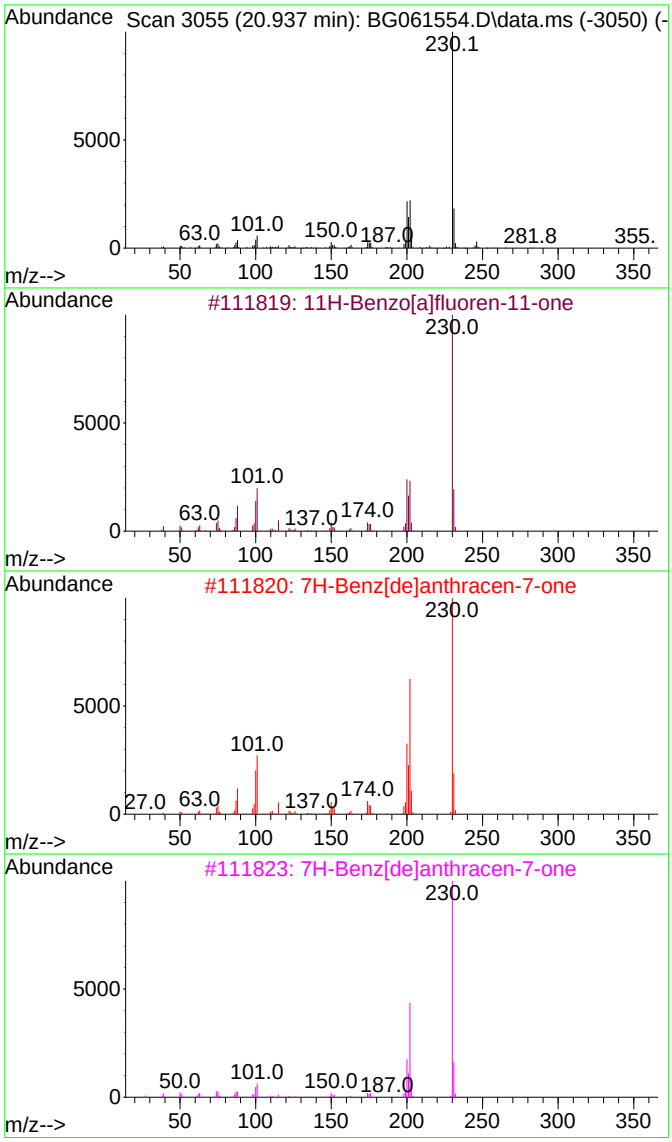
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

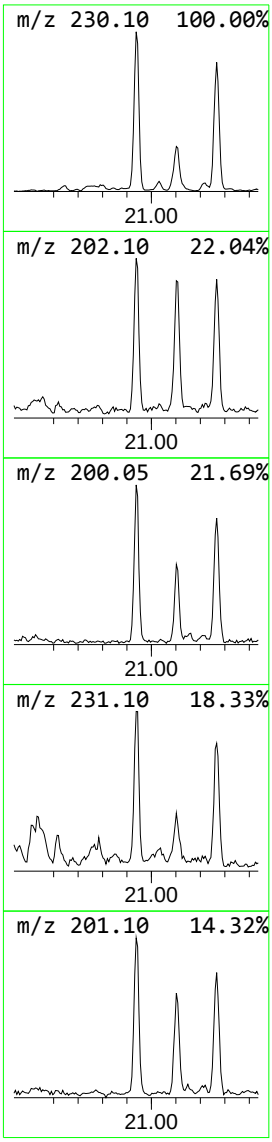
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	5.15 ng/ul	401221	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

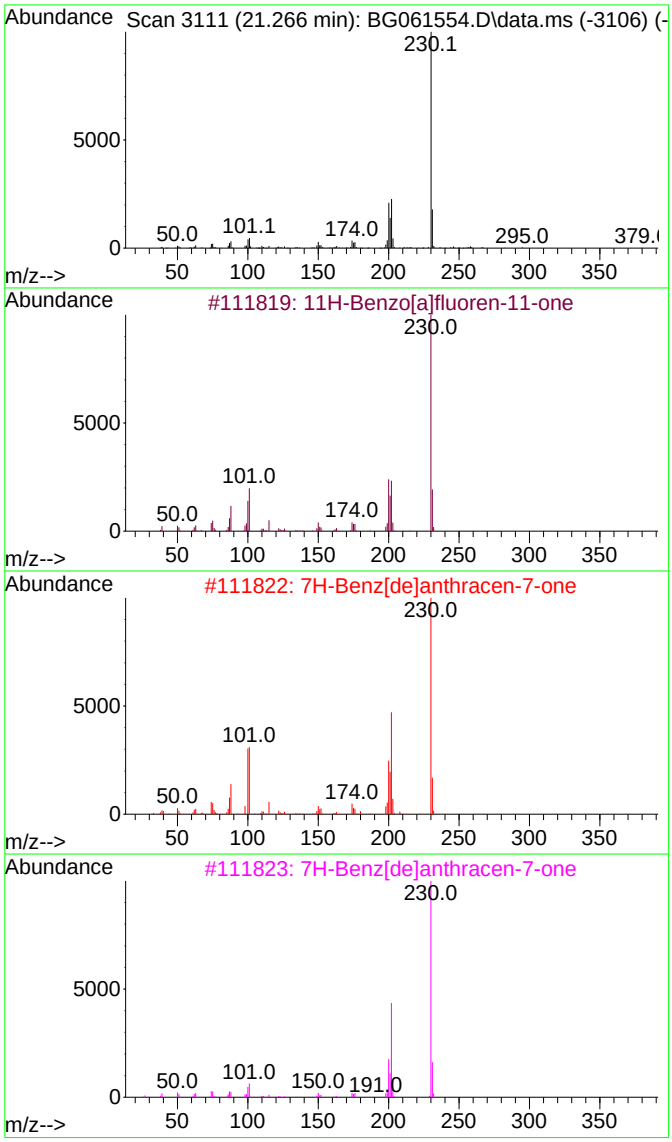
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

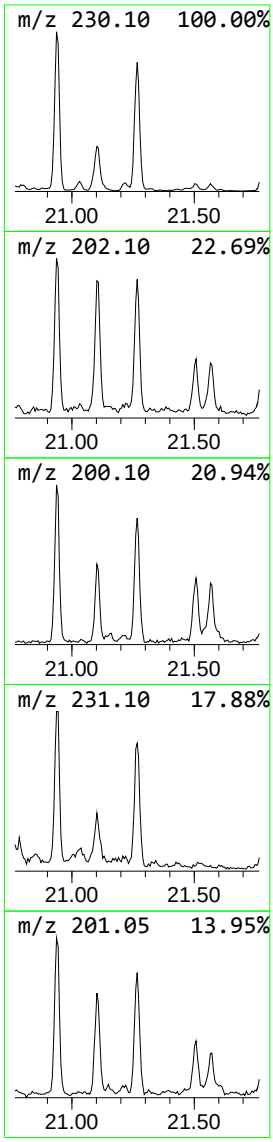
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	4.67 ng/ul	364316	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

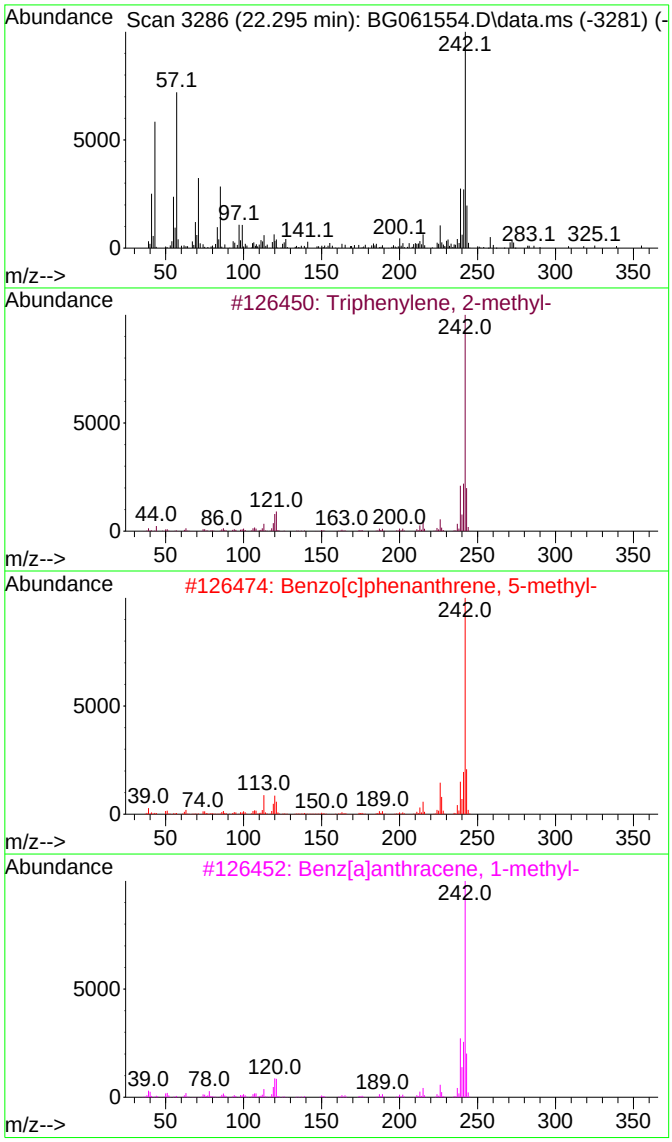
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

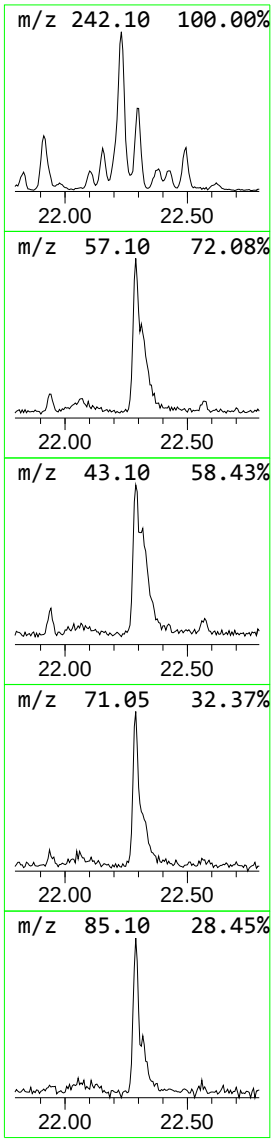
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Triphenylene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.295	4.82 ng/ul	376230	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	91
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	91
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

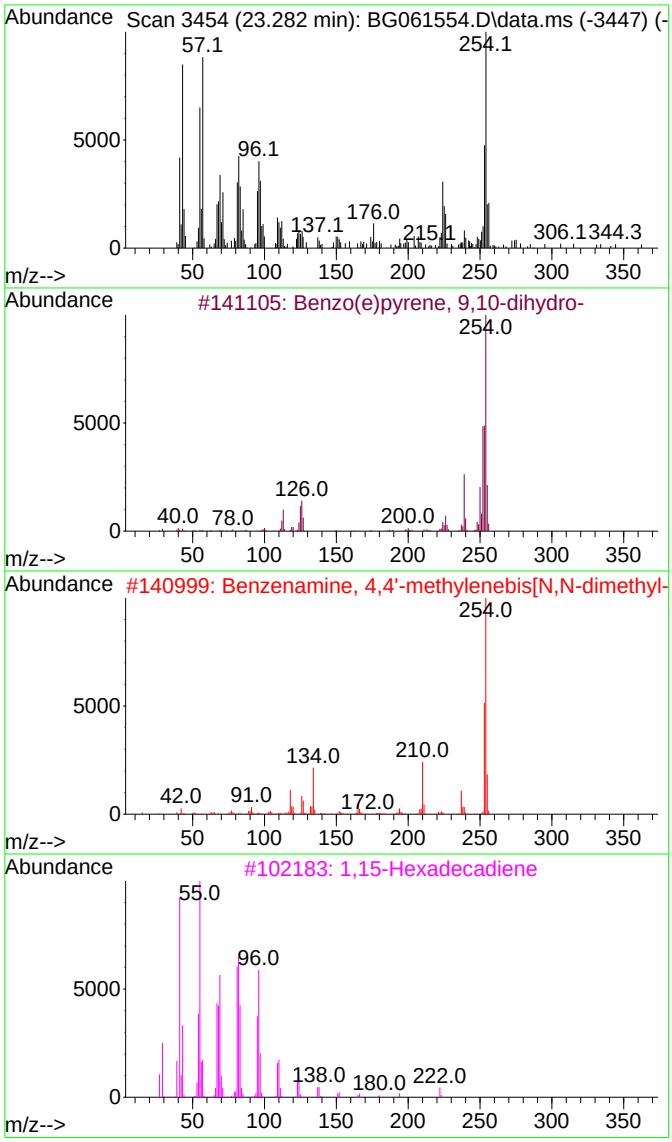
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

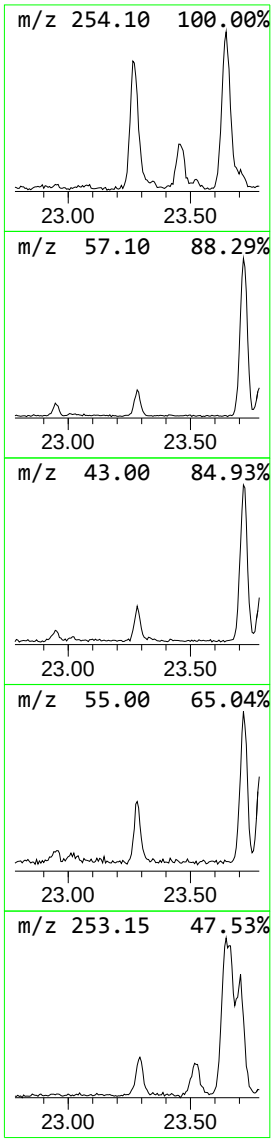
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.282	13.27 ng/ul	333356	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
2	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	45
3	1,15-Hexadecadiene	222	C16H30	021964-51-2	44
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	43
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	43





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Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

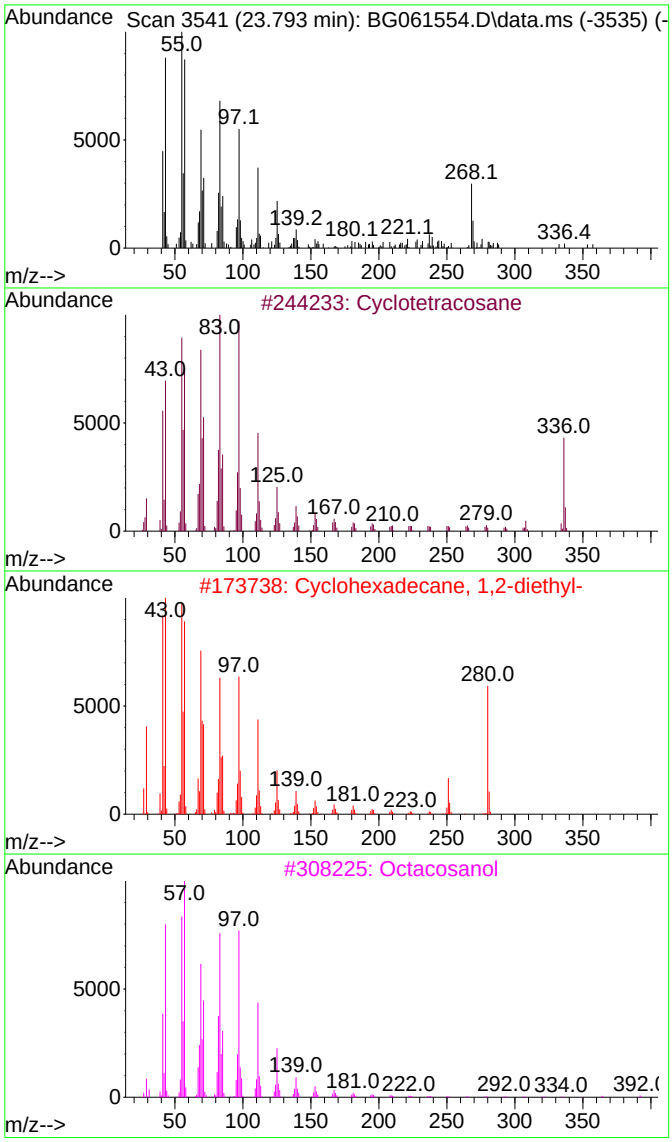
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

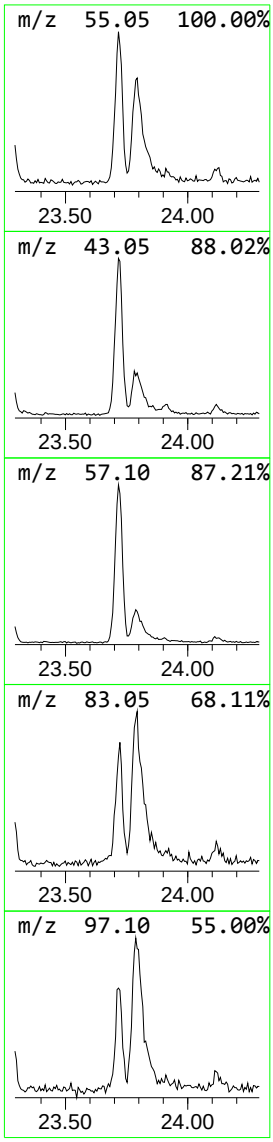
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic23.793 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.793	12.91 ng/ul	324288	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Tetracosene	336	C24H48	010192-32-2	93





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Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4C40

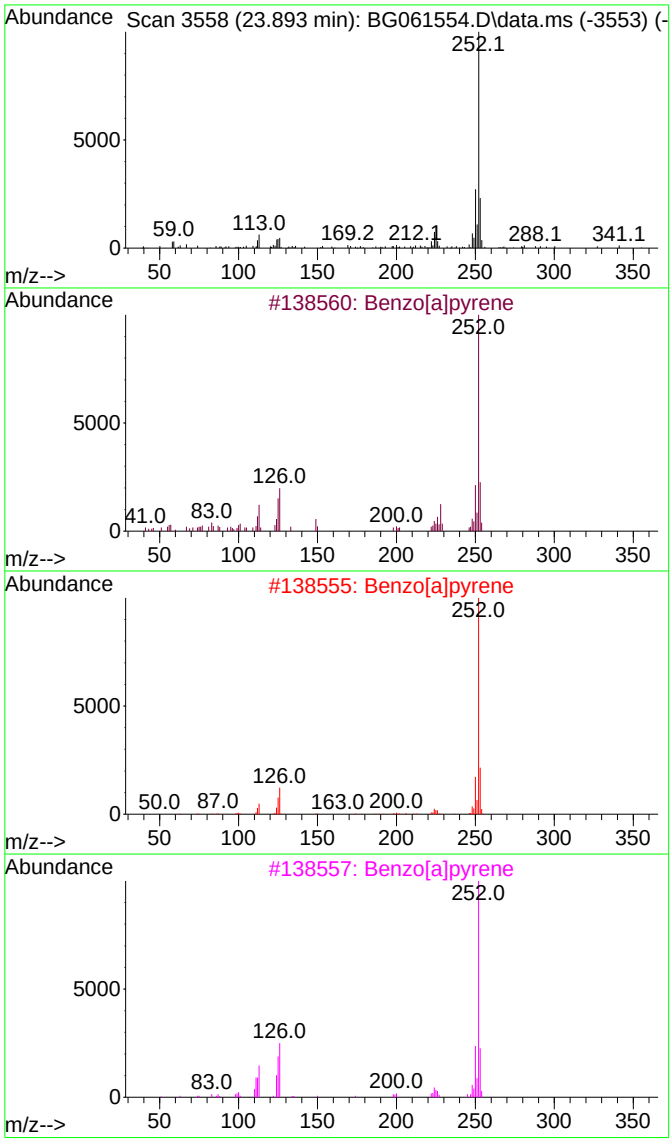
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

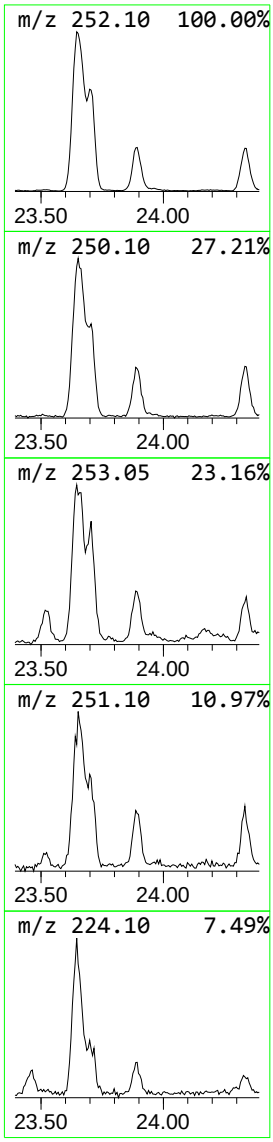
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Perylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.893	7.07 ng/ul	177552	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Perylene	252	C20H12	000198-55-0	81
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

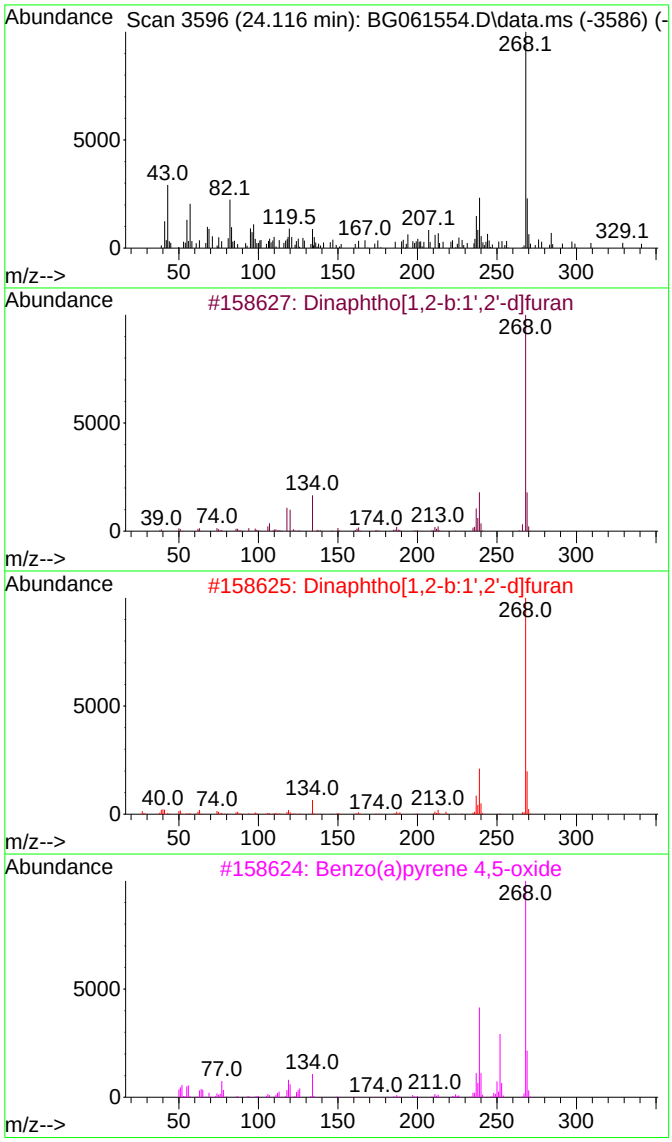
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

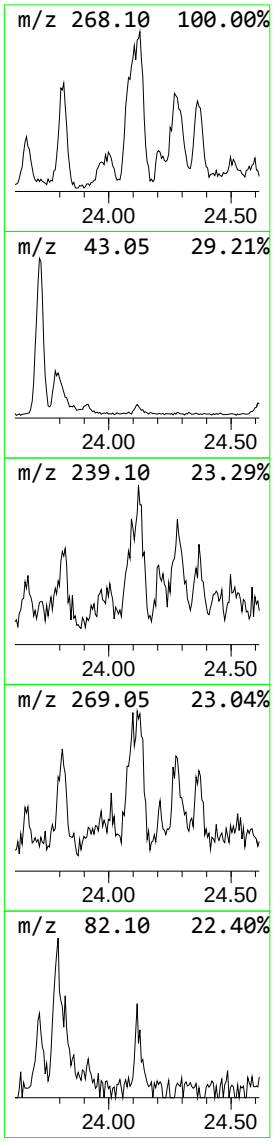
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.116	5.33 ng/ul	134014	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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

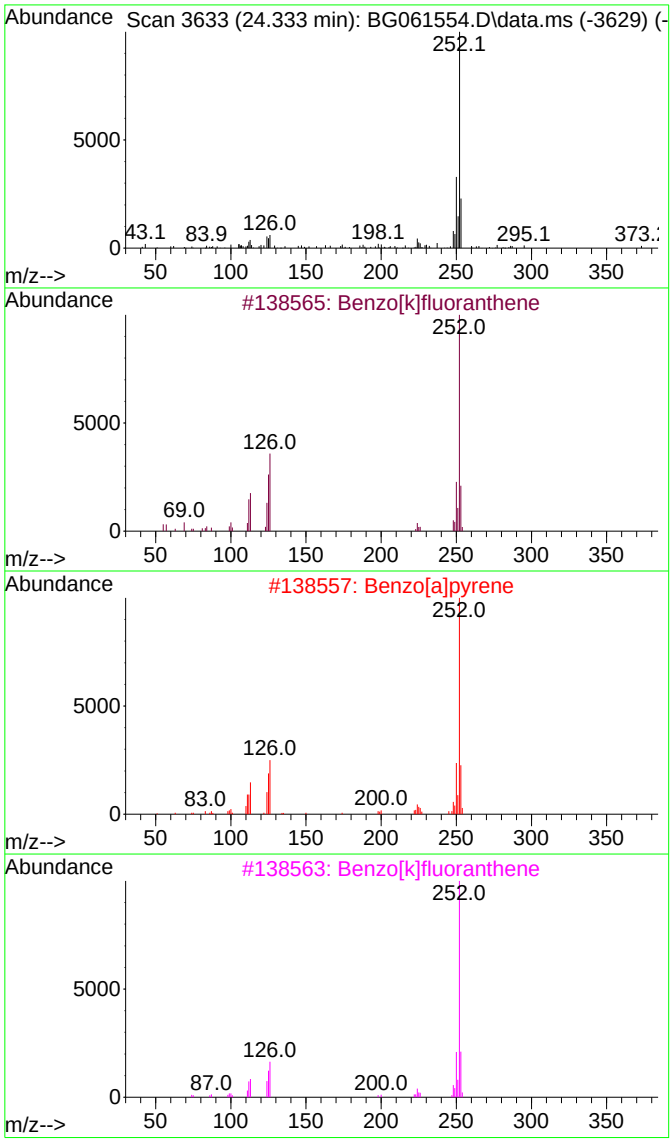
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

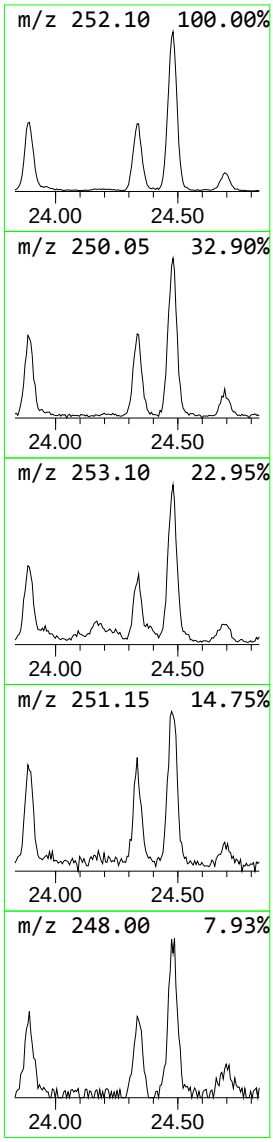
****

Peak Number 49 Benzo[e]pyrene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.333	3.49 ng/ul	87768	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	74
5	Perylene	252	C20H12	000198-55-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

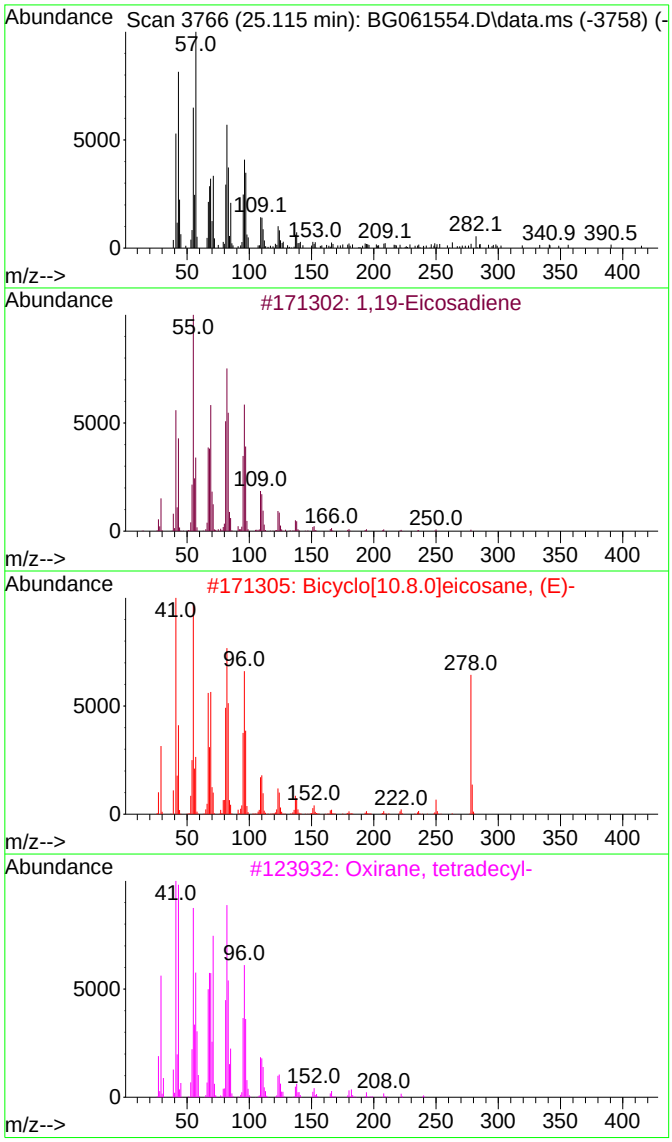
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

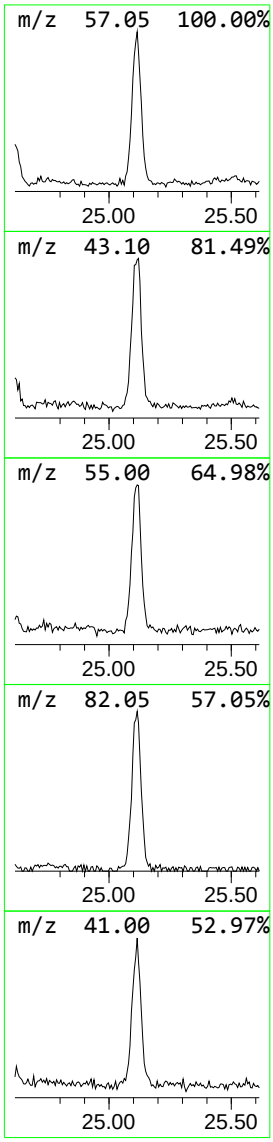
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.115	16.24 ng/ul	408139	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	91
2	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1010155-85-0	91
3	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
4	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	90
5	17-Octadecenal	266	C18H34O	056554-86-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

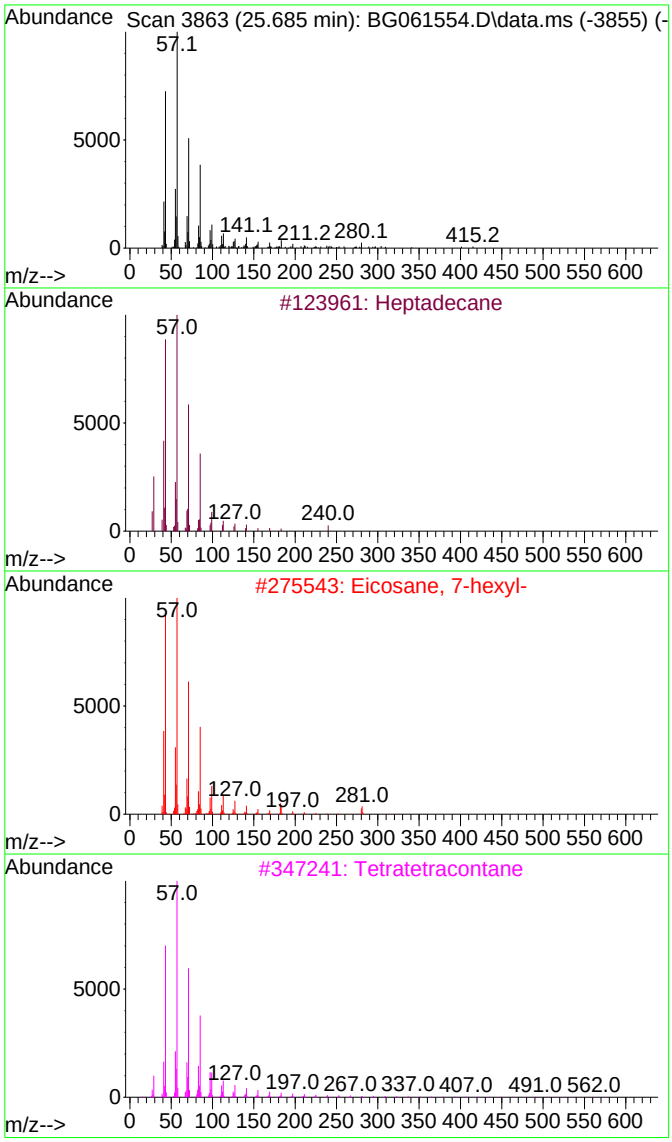
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

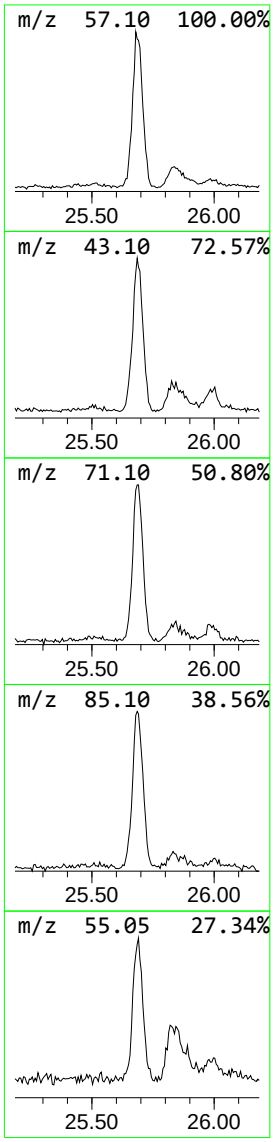
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.685	14.73 ng/ul	370100	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061554.D
Acq On : 8 Jun 2024 5:57
Operator : MA/JU
Sample : P2640-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C40

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...	3.070	269.5	ng/ul	1971670	1	7.870	146308	20.0
Naphthalene, 1,...	13.828	4.9	ng/ul	76672	3	14.510	314182	20.0
Naphthalene, 2,...	15.127	3.4	ng/ul	53983	3	14.510	314182	20.0
Dibenzofuran, 4...	15.855	8.0	ng/ul	125594	3	14.510	314182	20.0
9H-Fluoren-3-ol	16.002	10.4	ng/ul	203909	4	17.265	392064	20.0
2,2-Dimethyl-1-...	16.795	5.0	ng/ul	97660	4	17.265	392064	20.0
9H-Fluoren-9-one	16.919	21.9	ng/ul	430276	4	17.265	392064	20.0
Methanone, (2-m...	16.995	5.0	ng/ul	98567	4	17.265	392064	20.0
Dibenzothiophene	17.077	7.8	ng/ul	153396	4	17.265	392064	20.0
3-Phenanthrol	17.853	7.3	ng/ul	143546	4	17.265	392064	20.0
Anthracene, 1-m...	18.141	15.8	ng/ul	310128	4	17.265	392064	20.0
Anthracene, 2-m...	18.188	20.7	ng/ul	405310	4	17.265	392064	20.0
Phenanthrene, 2...	18.270	5.9	ng/ul	116326	4	17.265	392064	20.0
unknown-01	18.334	14.7	ng/ul	287350	4	17.265	392064	20.0
Phenanthrene, 4...	18.376	8.6	ng/ul	168378	4	17.265	392064	20.0
5,16[1',2']:8,1...	18.640	9.4	ng/ul	184446	4	17.265	392064	20.0
9,10-Anthracene...	18.687	9.8	ng/ul	192074	4	17.265	392064	20.0
Anthracene, 2-e...	18.887	4.0	ng/ul	79472	4	17.265	392064	20.0
9,10-Dimethylan...	19.057	9.9	ng/ul	194303	4	17.265	392064	20.0
Cyclopenta(def)...	19.204	19.0	ng/ul	371657	4	17.265	392064	20.0
Pyrene, 1-methyl-	20.009	4.0	ng/ul	313211	5	21.525	1559640	20.0
Fluoranthene, 2...	20.338	3.6	ng/ul	279780	5	21.525	1559640	20.0
11H-Benzo[a]flu...	20.937	5.2	ng/ul	401221	5	21.525	1559640	20.0
7H-Benz[de]anth...	21.266	4.7	ng/ul	364316	5	21.525	1559640	20.0
Triphenylene, 2...	22.295	4.8	ng/ul	376230	5	21.525	1559640	20.0
Benzo(e)pyrene,...	23.282	13.3	ng/ul	333356	6	24.627	502483	20.0
(DEL) Alkane: C...	23.793	12.9	ng/ul	324288	6	24.627	502483	20.0
Perylene	23.893	7.1	ng/ul	177552	6	24.627	502483	20.0
Dinaphtho[1,2-b...	24.116	5.3	ng/ul	134014	6	24.627	502483	20.0
Benzo[e]pyrene	24.333	3.5	ng/ul	87768	6	24.627	502483	20.0
1,19-Eicosadiene	25.115	16.2	ng/ul	408139	6	24.627	502483	20.0
(DEL) Alkane: S...	25.685	14.7	ng/ul	370100	6	24.627	502483	20.0