LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5Q4

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: BG061325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.038	5	8	10	rBV	34744	38541	1.69%	0.188%
2	3.079	10	15	47	rVB	1337444	2277440	100.00%	11.125%
3	3.749	124	129	136	rBV2	26100	44523	1.95%	0.217%
4	3.861	144	148	156	rVB	15248	21587	0.95%	0.105%
5	4.307	219	224	232	rBV	120446	175737	7.72%	0.858%
6	4.719	288	294	302	rBV	83183	130473	5.73%	0.637%
7	7.063	687	693	708	rVB	85652	143316	6.29%	0.700%
8	7.210	712	718	725	rVB	53675	84610	3.72%	0.413%
9	7.421	747	754	762	rBV	77550	130830	5.74%	0.639%
10	7.880	826	832	840	rBV	114872	187599	8.24%	0.916%
11	8.597	946	954	963	rBV	93566	157840	6.93%	0.771%
12	9.037	1022	1029	1039	rBV	85167	144416	6.34%	0.705%
13	9.760	1144	1152	1159	rBV	75738	129274	5.68%	0.631%
14	10.306	1238	1245	1256	rVB	105410	184590	8.11%	0.902%
15	10.676	1300	1308	1314	rBV	168037	287608	12.63%	1.405%
16	10.812	1323	1331	1339	rBV2	67192	119084	5.23%	0.582%
17	13.920	1851	1860	1866	rVB	190070	277131	12.17%	1.354%
18	14.208	1899	1909	1921	rBV2	217331	340936	14.97%	1.665%
19	14.513	1950	1961	1968	rBV	266249	423810	18.61%	2.070%
20	14.578	1968	1972	1979	rVB	24444	36730	1.61%	0.179%
21	14.748	1990	2001	2010	rBV3	47928	99034	4.35%	0.484%
22	14.913	2025	2029	2035	rBV2	19115	27331	1.20%	0.134%
23	15.512	2124	2131	2136	rBV	267102	408835	17.95%	1.997%
24	15.565	2136	2140	2147	rVB3	23415	36435	1.60%	0.178%
25	15.647	2147	2154	2159	rBV	50610	81577	3.58%	0.398%
26	15.859	2185	2190	2197	rVB	12769	19473	0.86%	0.095%
27	16.005	2210	2215	2222	rVB3	12744	27415	1.20%	0.134%
28	16.235	2248	2254	2262	rBV7	10784	22669	1.00%	0.111%
29	16.922	2366	2371	2377	rVB	24606	37000	1.62%	0.181%
30	17.022	2384	2388	2391	rVV4	12594	19811	0.87%	0.097%
31	17.081	2393	2398	2404	rVB	22309	32018	1.41%	0.156%
32	17.263	2423	2429	2433	rVV	342018	527395	23.16%	2.576%
33	17.310	2433	2437	2441	rVV	425009	622127	27.32%	3.039%
34	17.363	2441	2446	2450	rVV	310312	465602	20.44%	2.274%
35	17.398	2450	2452	2456	rVV	67549	76316	3.35%	0.373%
36	17.668	2487	2498	2502	rBV2	37325	68494	3.01%	0.335%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5Q4

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	17.780	2510	2517	2523	rVV4	11193	24911	1.09%	0.122%
38	17.845	2523	2528	2535	rVB7	11727	20421	0.90%	0.100%
39	18.138	2572	2578	2582	rBV	56688	92251	4.05%	0.451%
40	18.191	2582	2587	2591	rVV	85736	136421	5.99%	0.666%
41	18.232	2591	2594	2597	rVV	29154	34651	1.52%	0.169%
42	18.268	2597	2600	2605	rVB	22651	33021	1.45%	0.161%
43	18.338	2605	2612	2616	rBV2	75307	150353	6.60%	0.734%
44	18.373	2616	2618	2624	rVB	44451	50170	2.20%	0.245%
45	18.456	2626	2632	2635	rBV6	12925	20555	0.90%	0.100%
46	18.644	2658	2664	2667	rBV	56866	82289	3.61%	0.402%
47	18.685	2667	2671	2678	rVB	67495	93553	4.11%	0.457%
48	18.890	2698	2706	2710	rBV4	22050	38703	1.70%	0.189%
49	18.978	2717	2721	2725	rVB3	17204	22811	1.00%	0.111%
50	19.061	2730	2735	2741	rBV2	40579	80556	3.54%	0.393%
51	19.202	2754	2759	2767	rVB3	46083	88242	3.87%	0.431%
52	19.325	2772	2780	2786	rVB	739809	1048200	46.03%	5.120%
53	19.384	2786	2790	2793	rBV3	15054	20478	0.90%	0.100%
54	19.419	2793	2796	2801	rVB3	24363	30813	1.35%	0.151%
55	19.472	2801	2805	2809	rBV2	13348	20806	0.91%	0.102%
56	19.525	2809	2814	2817	rBV4	19377	36480	1.60%	0.178%
57	19.566	2817	2821	2830	rVB	27235	59236	2.60%	0.289%
58	19.654	2830	2836	2839	rBV2	503067	819300	35.97%	4.002%
59	19.684	2839	2841	2849	rVB	630493	791249	34.74%	3.865%
60	19.754	2849	2853	2857	rBV3	47851	67580	2.97%	0.330%
61	19.860	2865	2871	2875	rBV	44039	69655	3.06%	0.340%
62	19.924	2879	2882	2888	rVB	31944	46211	2.03%	0.226%
63	20.007	2890	2896	2902	rBV3	57536	152947	6.72%	0.747%
64	20.142	2914	2919	2921	rBV4	43459	70645	3.10%	0.345%
65	20.177	2922	2925	2931	rVB2	74985	121830	5.35%	0.595%
66	20.277	2938	2942	2946	rBV	27269	41301	1.81%	0.202%
67	20.336	2946	2952	2956	rVV2	74604	140919	6.19%	0.688%
68	20.377	2956	2959	2962	rVB3	20924	25848	1.13%	0.126%
69	20.418	2962	2966	2971	rBV3	17360	30216	1.33%	0.148%
70	20.477	2972	2976	2979	rVV	43213	56800	2.49%	0.277%
71	20.524	2979	2984	2987	rVV2	47582	74829	3.29%	0.366%
72	20.577	2989	2993	2996	rVB	45635	58426	2.57%	0.285%
73	20.688	3010	3012	3016	rVB3	19594	19837	0.87%	0.097%
74	20.735	3016	3020	3023	rBV5	34269	54607	2.40%	0.267%
75	20.929	3049	3053	3059	rVB	99502	145689	6.40%	0.712%
76	21.105	3076	3083	3087	rBV3	65180	147700	6.49%	0.721%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

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	21.147	3087	3090	3094	rVV	72762	121967	5.36%	0.596%
78	21.188	3094	3097	3104	rVV3	92285	219916	9.66%	1.074%
79	21.258	3105	3109	3117	rVB	93480	161751	7.10%	0.790%
80	21.411	3123	3135	3140	rBV	374756	556483	24.43%	2.718%
81	21.511	3144	3152	3157	rVV4	521601	1316697	57.81%	6.432%
82	21.564	3157	3161	3174	rVB	342441	588115	25.82%	2.873%
83	21.711	3182	3186	3193	rVB3	51981	84265	3.70%	0.412%
84	21.910	3216	3220	3227	rVB3	39509	78535	3.45%	0.384%
85	21.969	3228	3230	3235	rVB5	16598	22840	1.00%	0.112%
86	22.222	3269	3273	3278	rVB	61245	100807	4.43%	0.492%
87	22.292	3281	3285	3291	rVB3	80148	134032	5.89%	0.655%
88	22.486	3314	3318	3322	rBV3	37830	56775	2.49%	0.277%
89	22.933	3389	3394	3406	rVB8	54499	156915	6.89%	0.766%
90	23.632	3505	3513	3520	rBV2	248592	780994	34.29%	3.815%
91	23.879	3549	3555	3562	rVB	36774	78077	3.43%	0.381%
92	24.319	3623	3630	3636	rBV	128621	320441	14.07%	1.565%
93	24.396	3636	3643	3648	rVV2	208817	531798	23.35%	2.598%
94	24.460	3649	3654	3664	rVB	206521	510142	22.40%	2.492%
95	24.607	3670	3679	3687	rBV	250522	717176	31.49%	3.503%
96	25.700	3859	3865	3872	rVB4	36466	94657	4.16%	0.462%
97	27.721	4204	4209	4224	rVB4	50176	164614	7.23%	0.804%
98	28.103	4261	4274	4296	rVB3	90607	467462	20.53%	2.283%
99	28.520	4339	4345	4346	rBV6	24250	39033	1.71%	0.191%
100	29.184	4447	4458	4459	rBV2	55473	140411	6.17%	0.686%

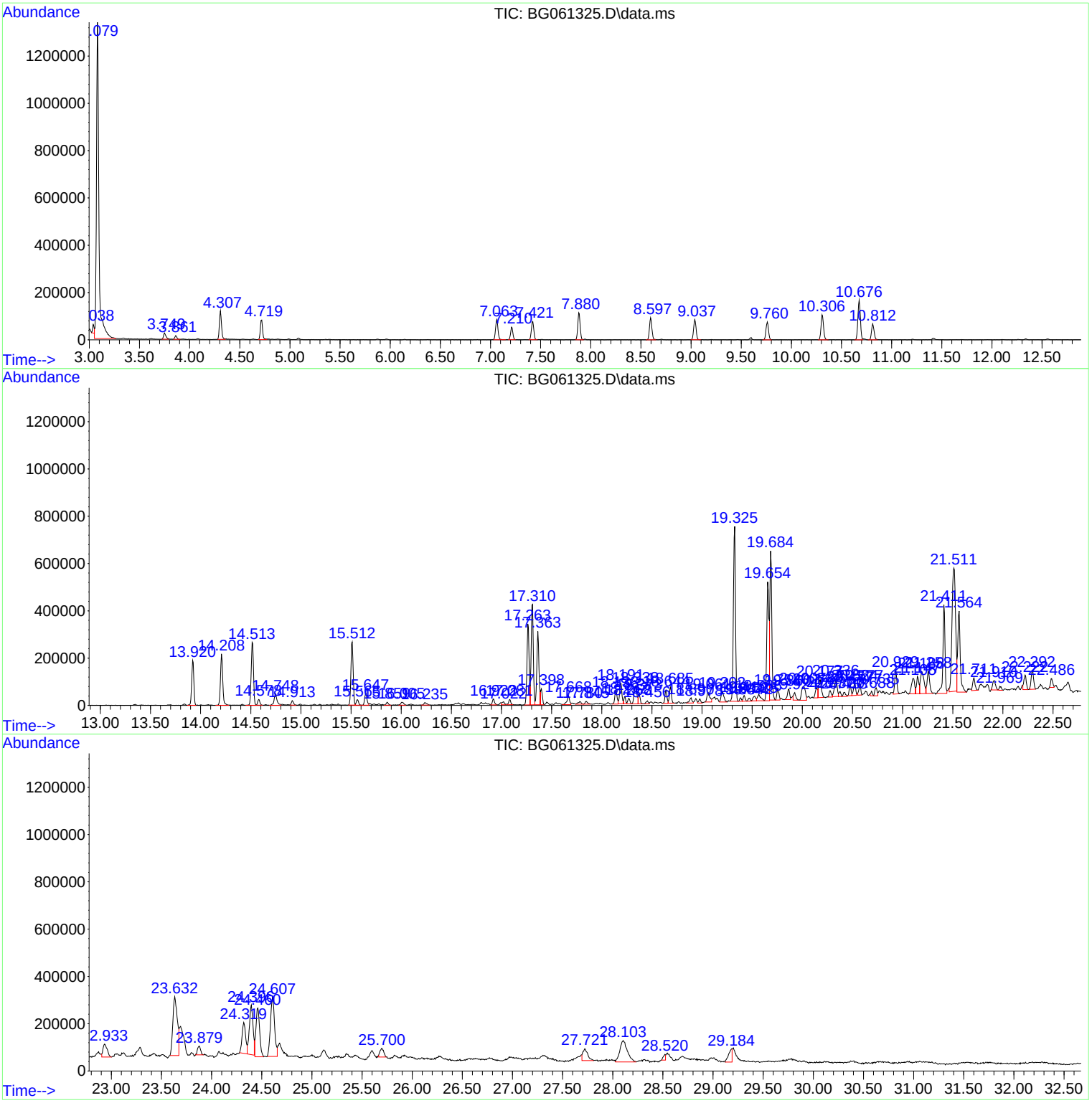
Sum of corrected areas: 20472020

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

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\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

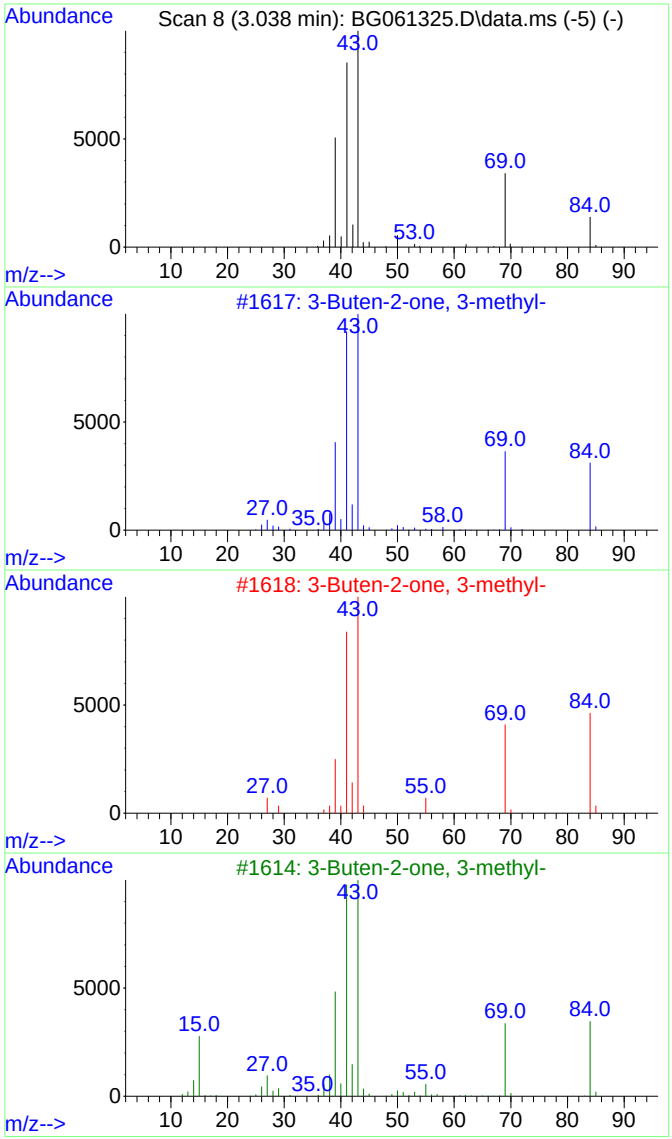
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

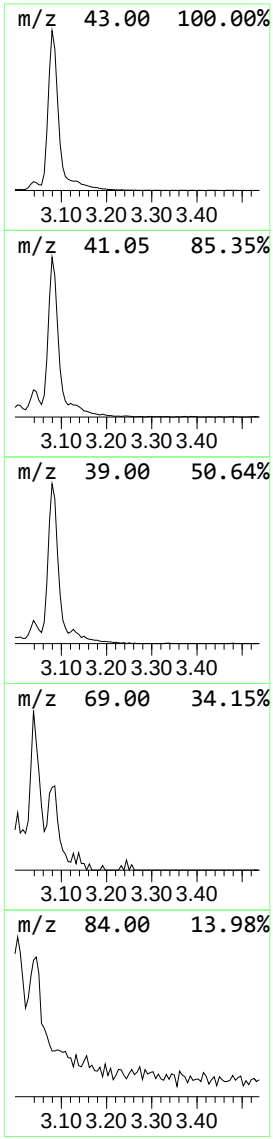
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	4.11 ng/ul	38541	1,4-Dichlorobenzene-d4	7.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	43
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	32
4	3-Penten-2-one	84	C5H8O	000625-33-2	27
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

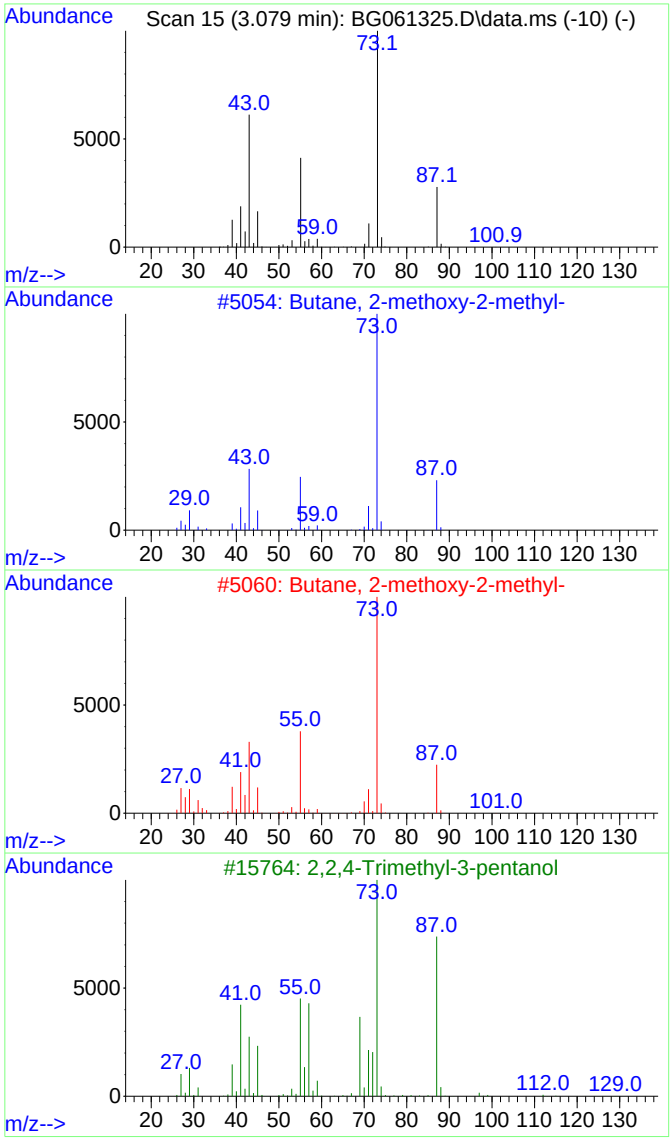
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

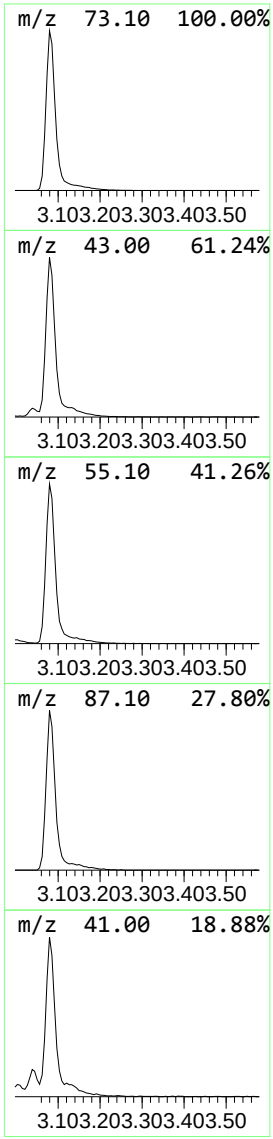
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	242.80 ng/ul	2277440	1,4-Dichlorobenzene-d4	7.886

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

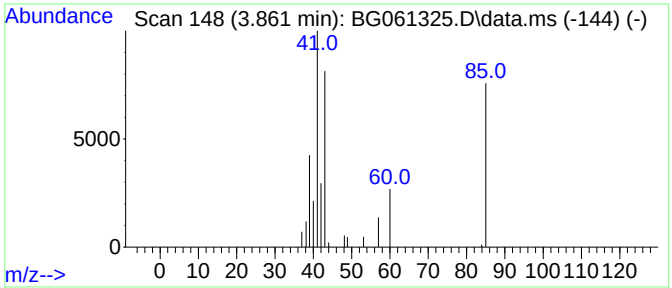
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

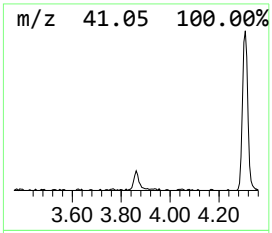
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

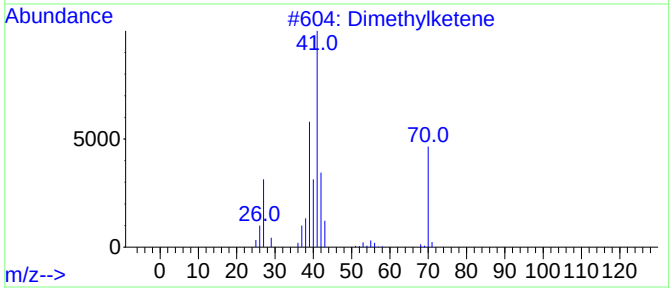
****
Peak Number 3 unknown-01 Concentration Rank 18

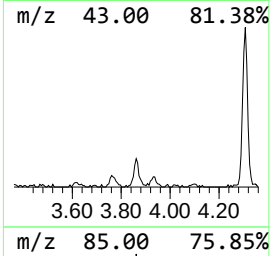
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.861	2.30 ng/ul	21587	1,4-Dichlorobenzene-d4	7.886

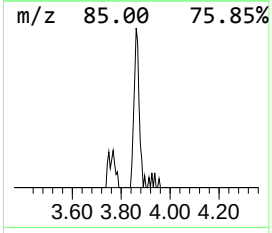
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethylketene	70	C4H6O	000598-26-5	27
2	Allyl chloroformate	120	C4H5ClO2	002937-50-0	12
3	Propene	42	C3H6	000115-07-1	12
4	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	9
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9

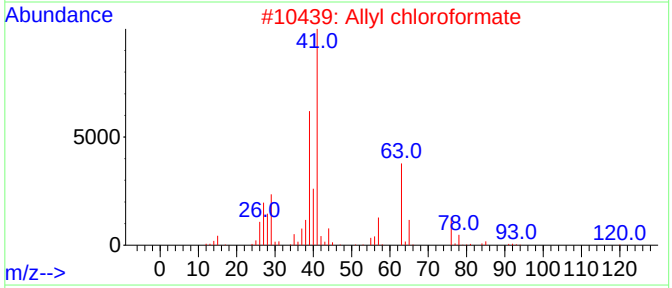


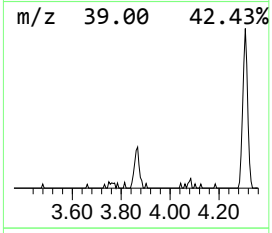


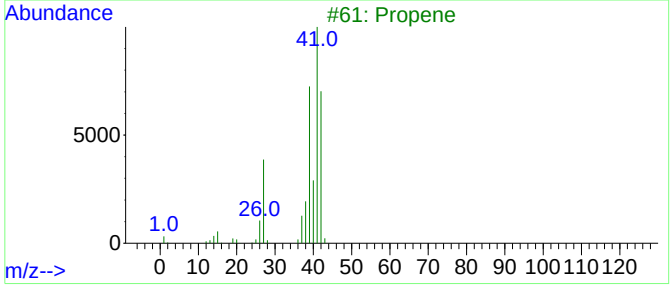


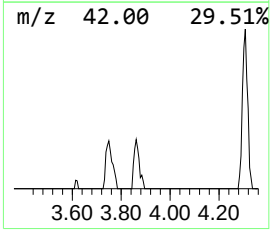












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

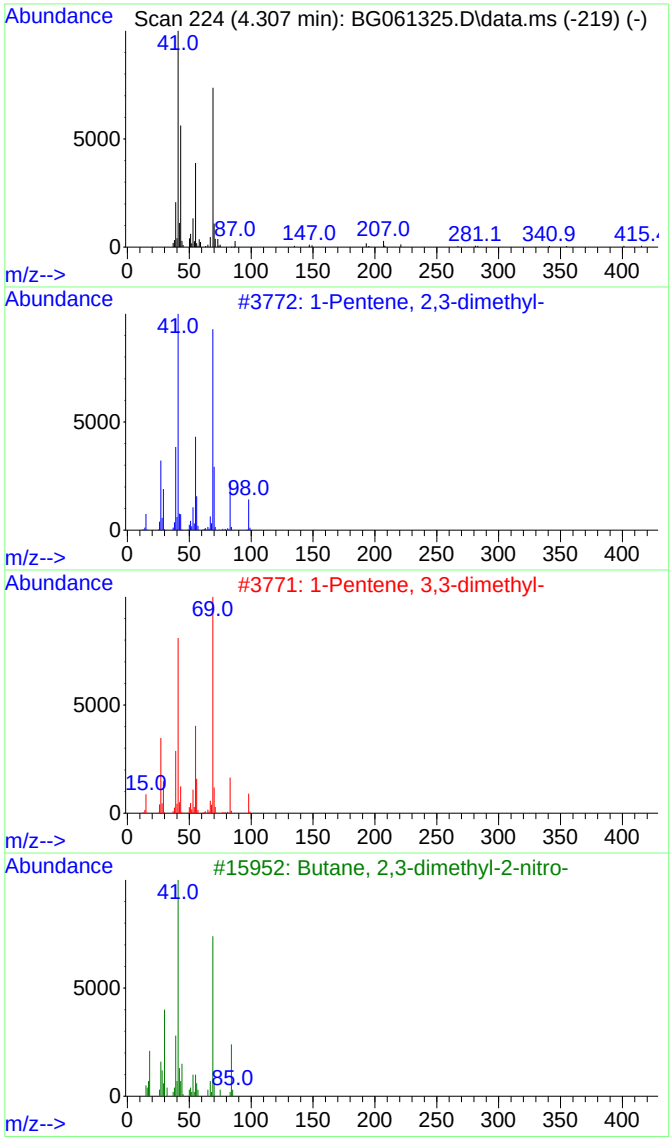
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

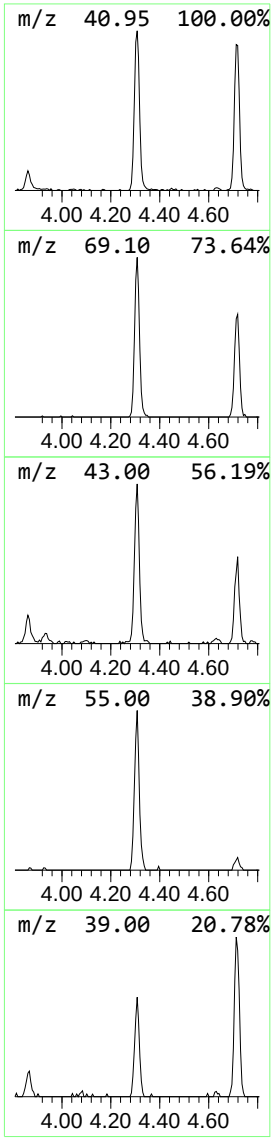
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.307	18.74 ng/ul	175737	1,4-Dichlorobenzene-d4	7.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	56
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	56
3	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	50
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	45
5	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	42





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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

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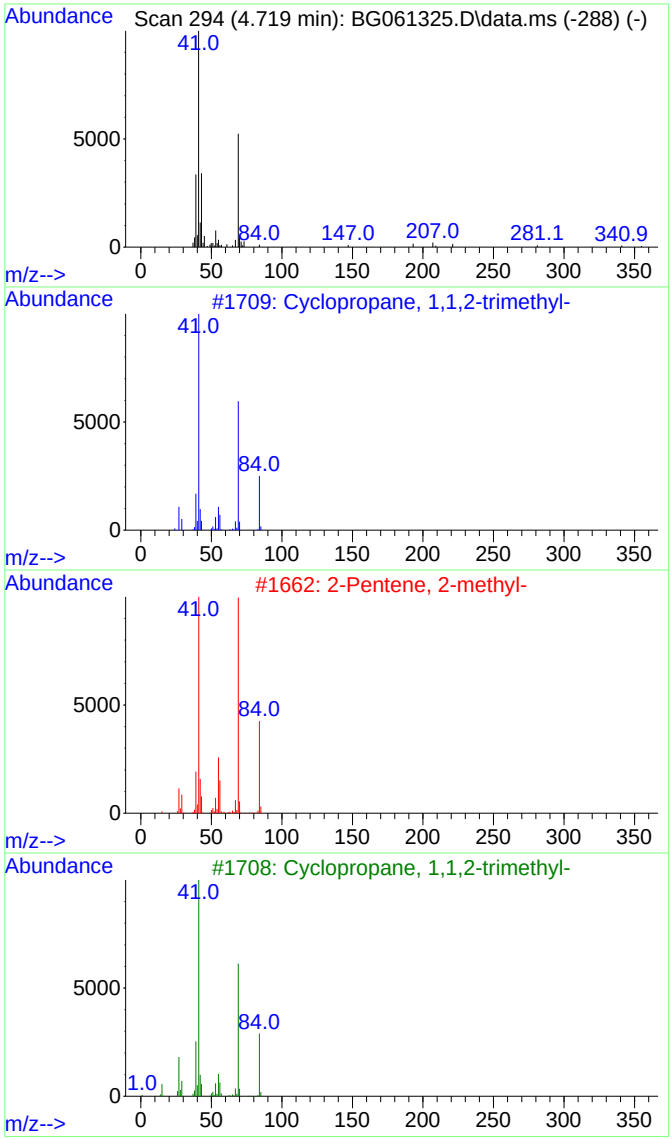
Quant Title : SVOA CALIBRATION

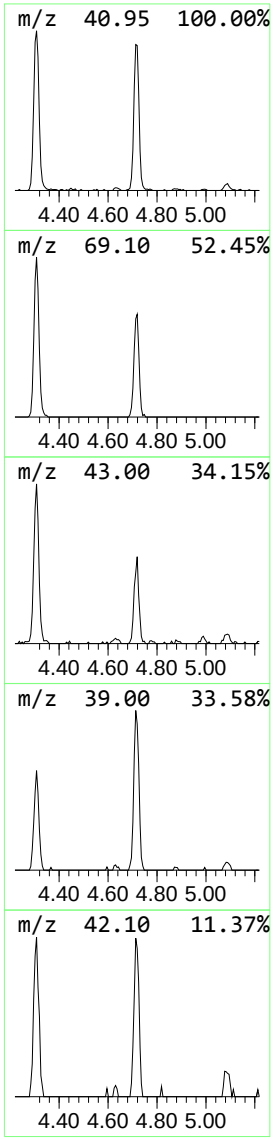
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.719 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.719	13.91 ng/ul	130473	1,4-Dichlorobenzene-d4	7.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	53
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	36
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	36
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	36
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	36





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

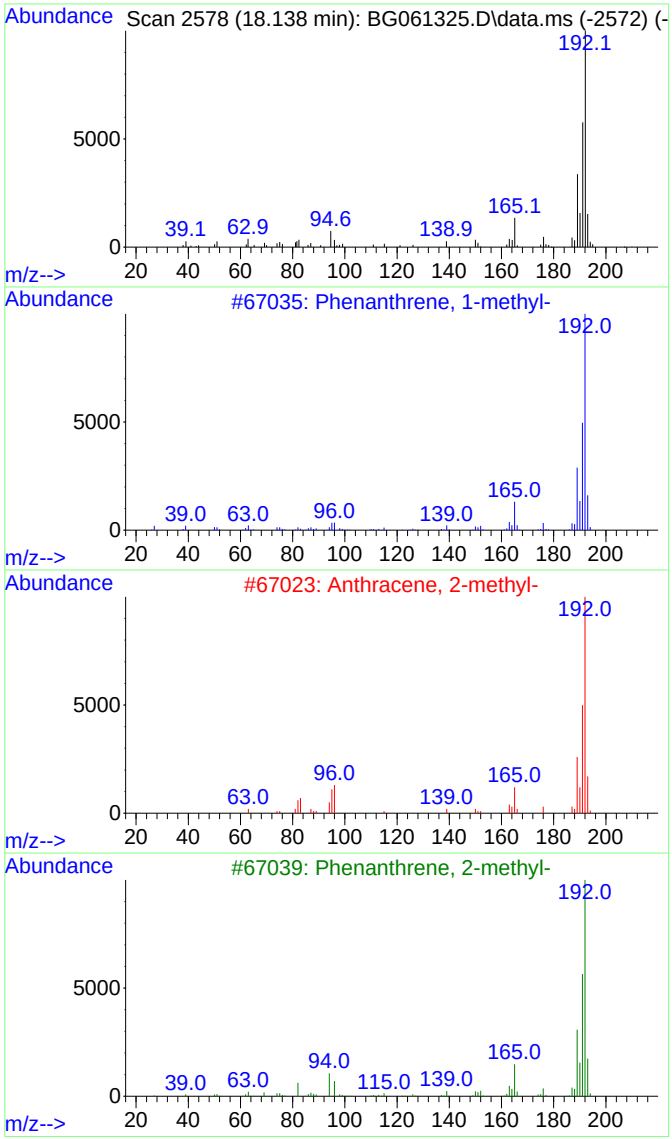
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

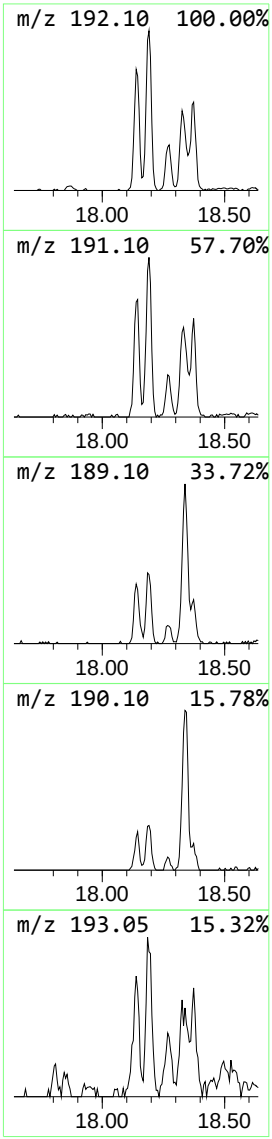
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.138	3.50 ng/ul	92251	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

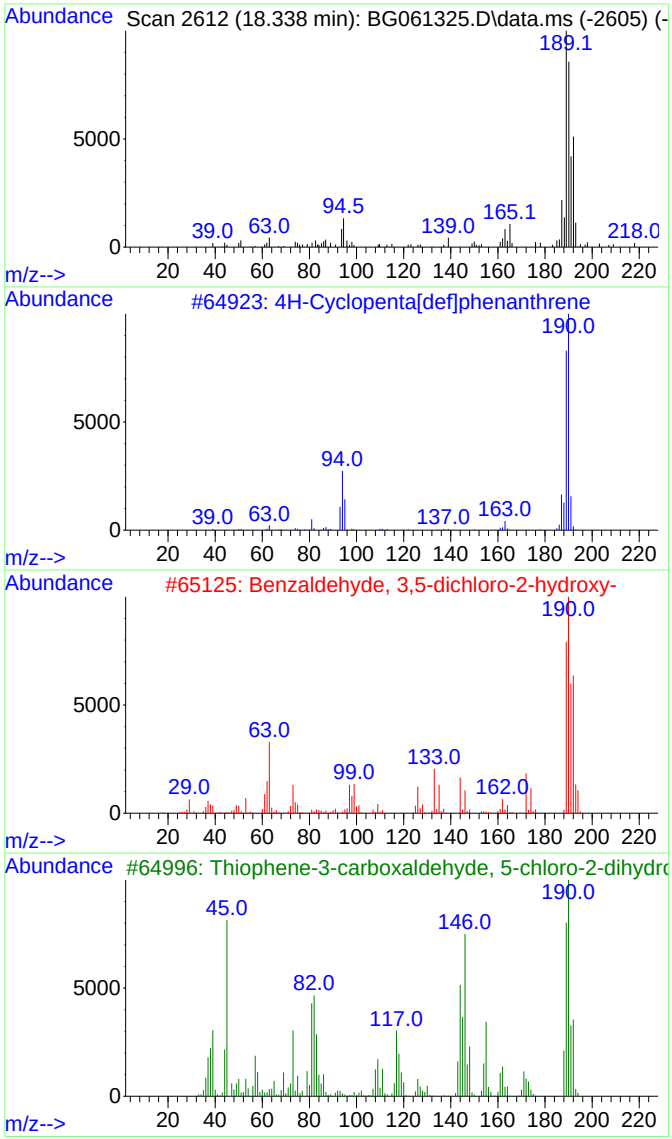
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

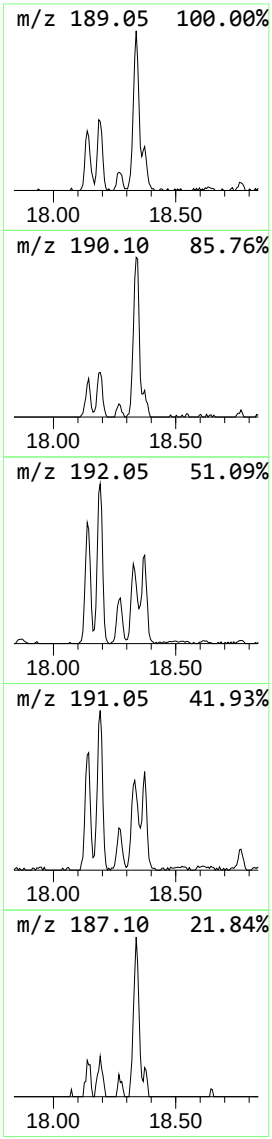
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.338	5.70 ng/ul	150353	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

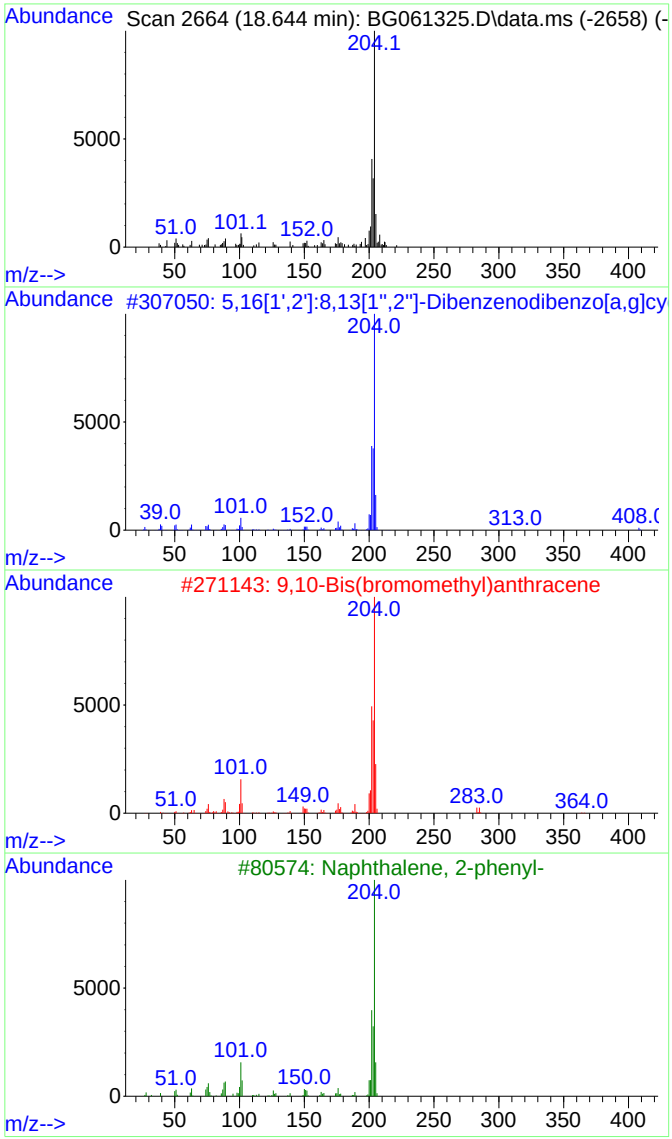
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

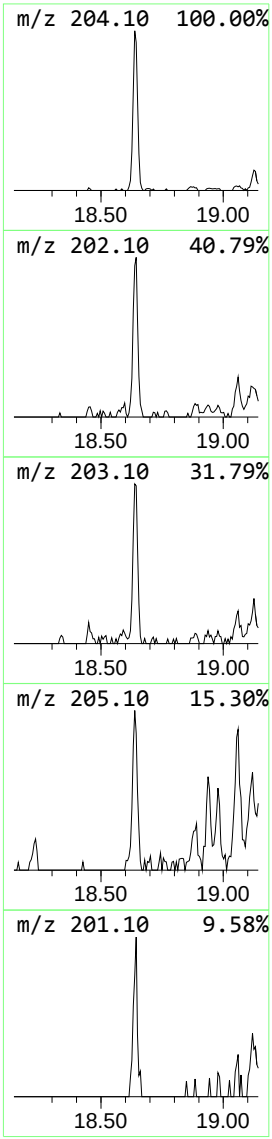
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.644	3.12 ng/ul	82289	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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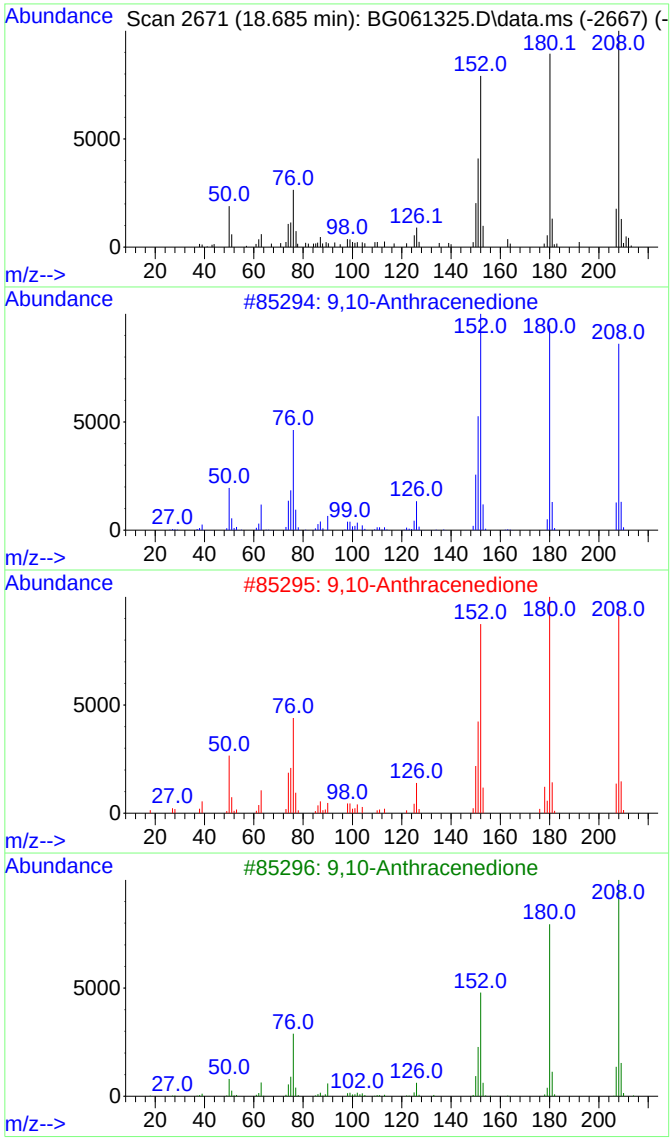
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

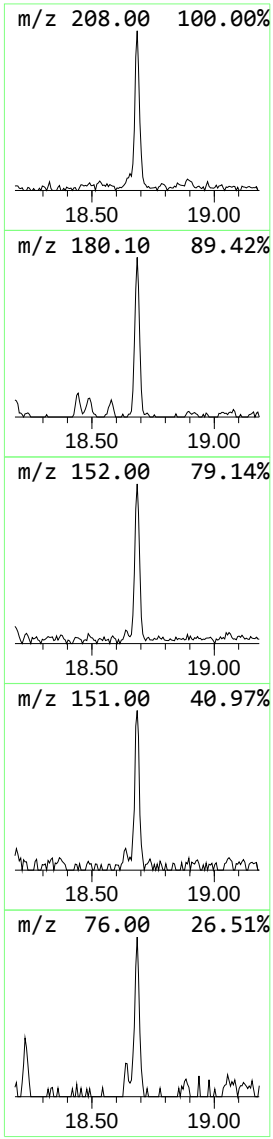
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	3.55 ng/ul	93553	Phenanthrene-d10	17.263

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	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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Misc :
ALS Vial : 7 Sample Multiplier: 1

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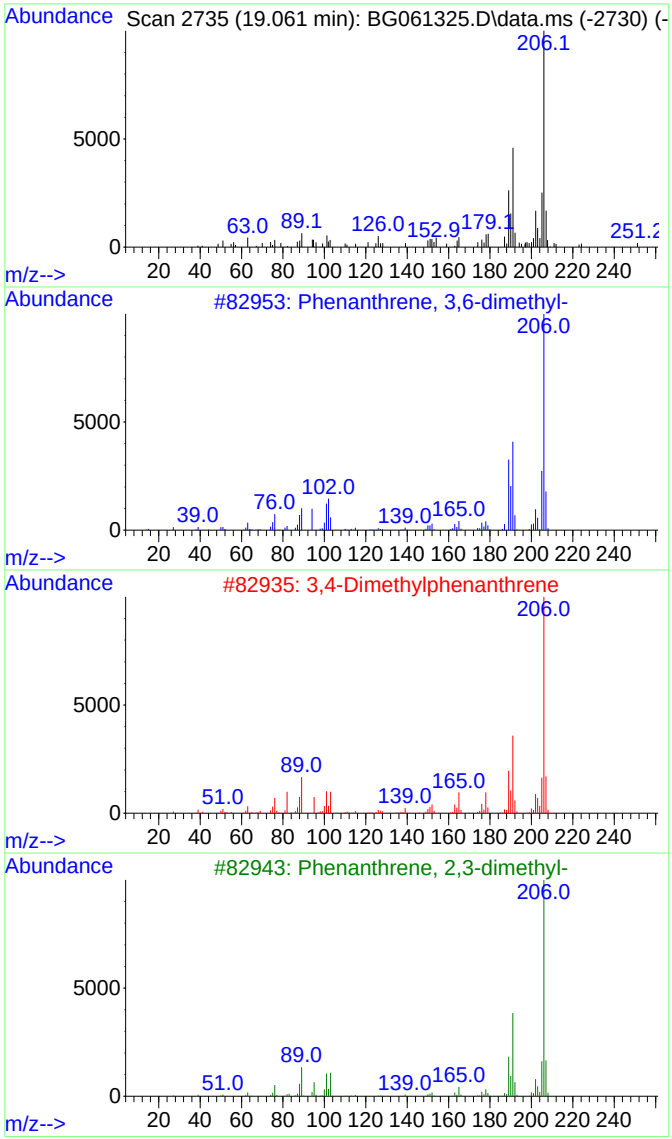
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

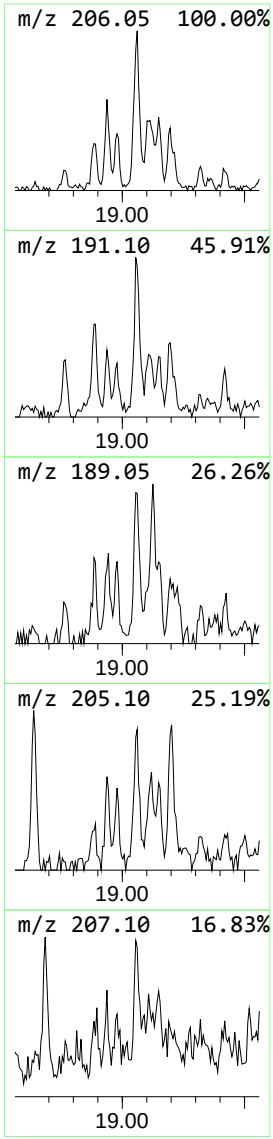
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.061	3.05 ng/ul	80556	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

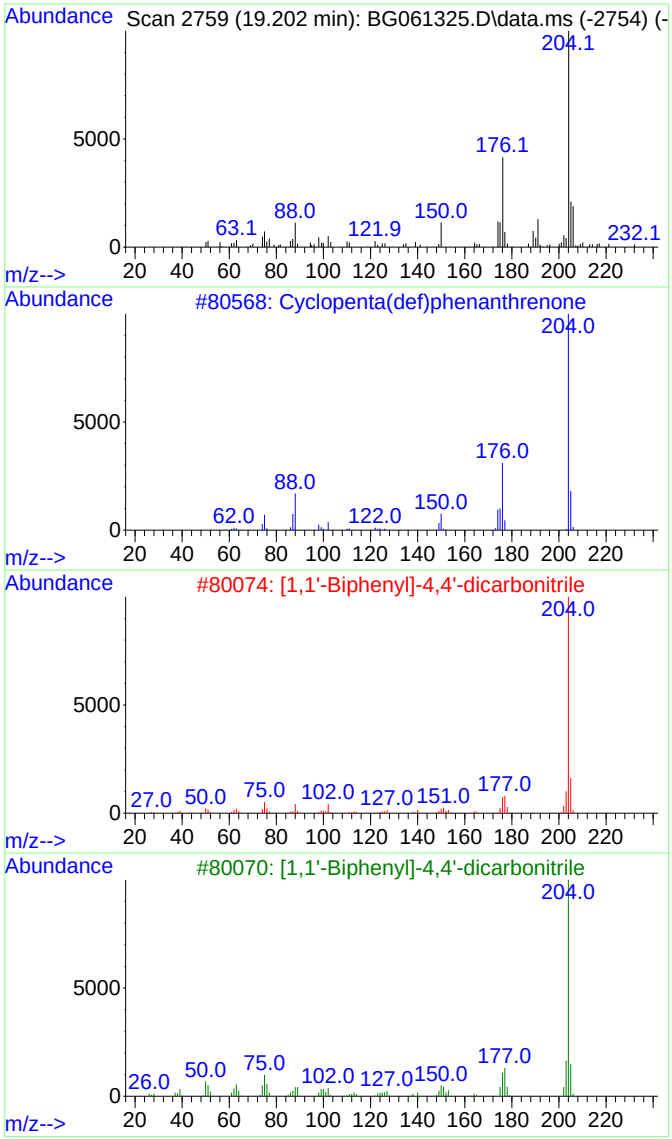
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

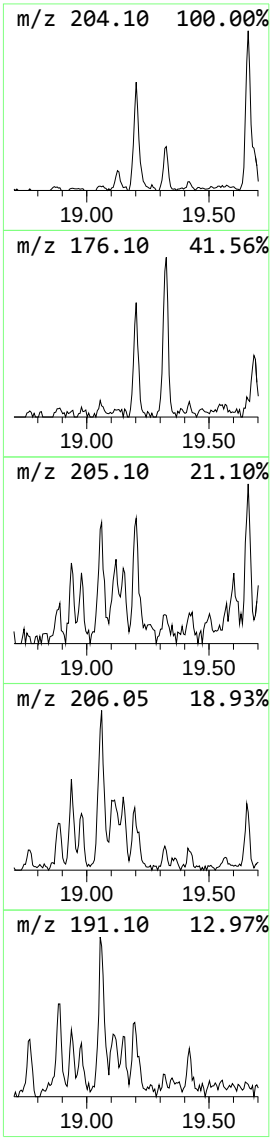
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.202	3.35 ng/ul	88242	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

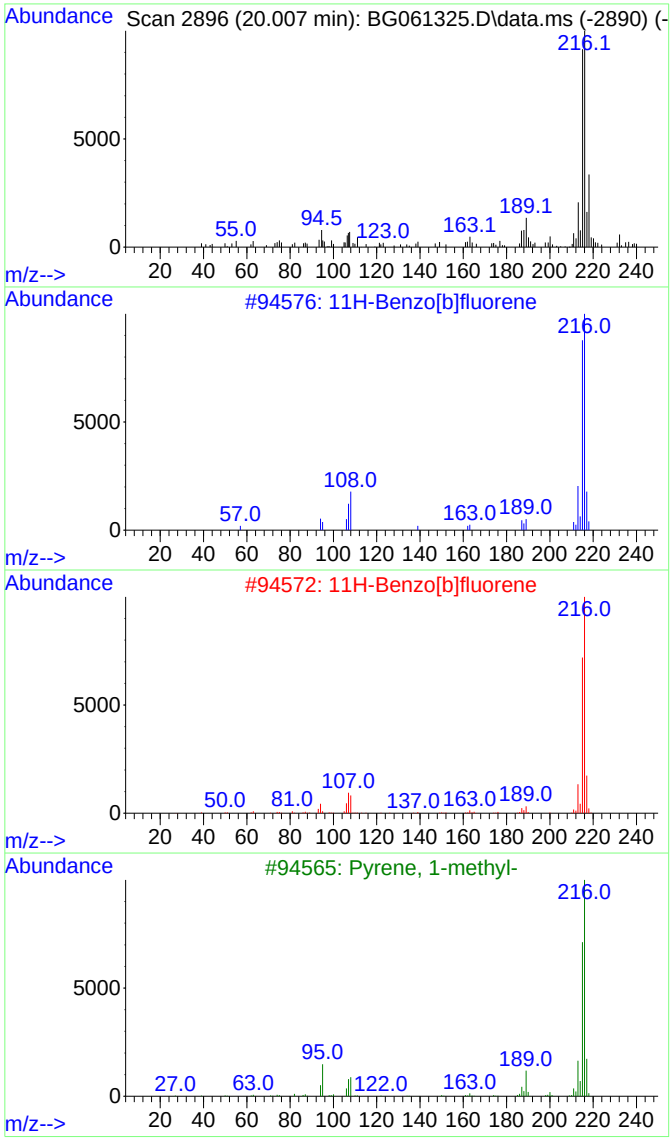
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

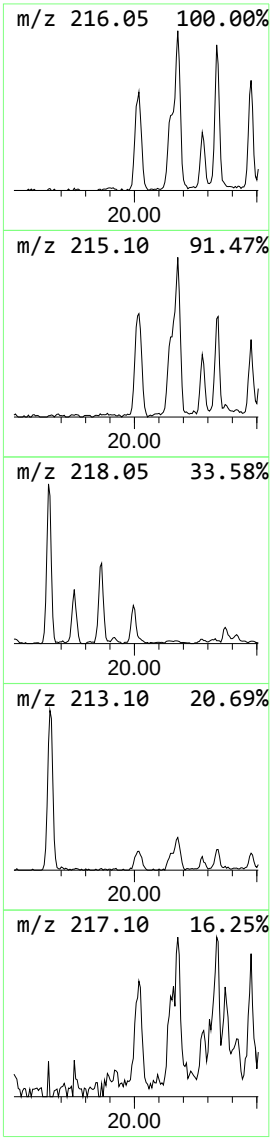
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.007	2.32 ng/ul	152947	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

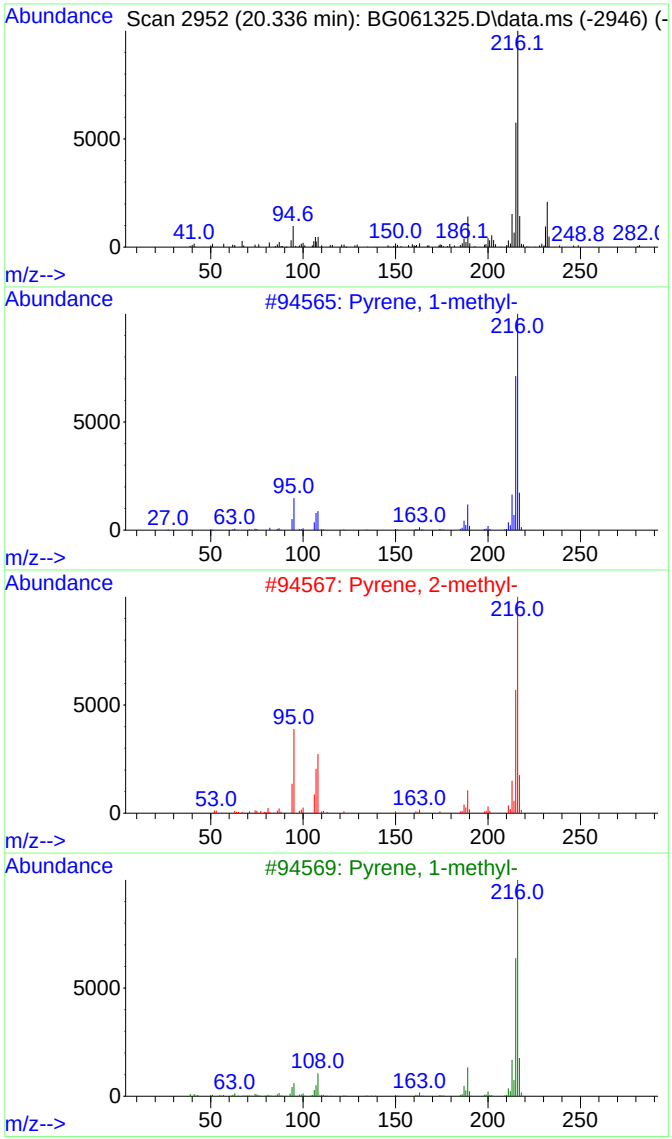
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

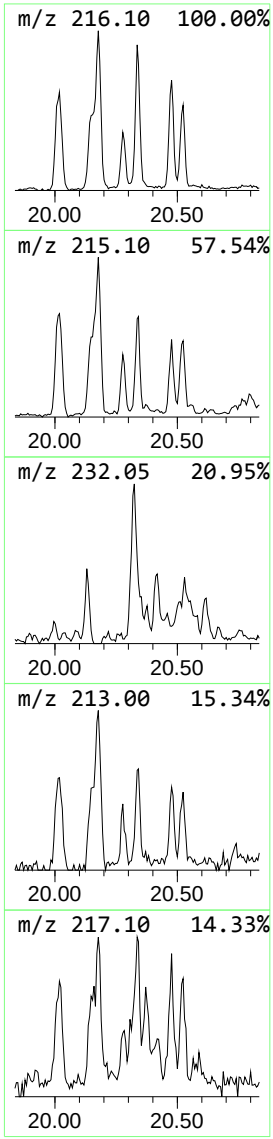
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.336	2.14 ng/ul	140919	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

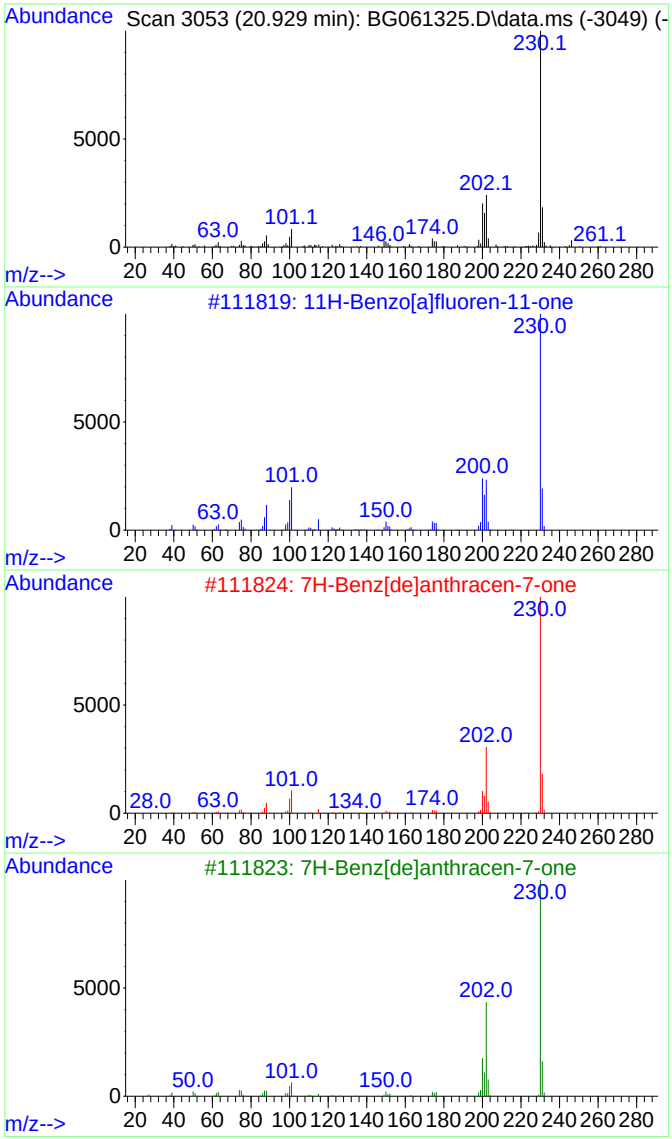
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

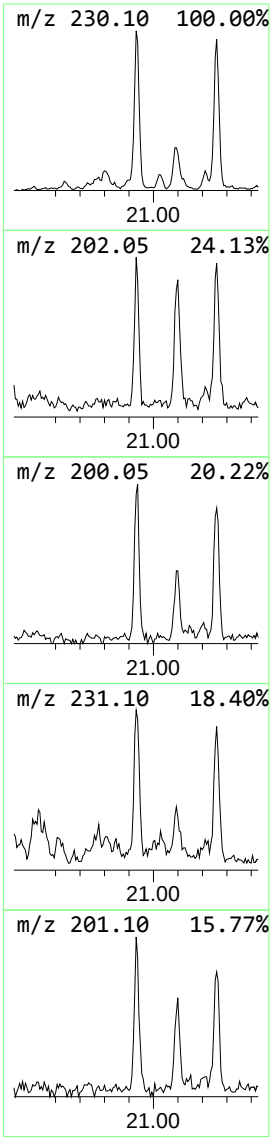
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.929	2.21 ng/ul	145689	Chrysene-d12	21.517

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	81
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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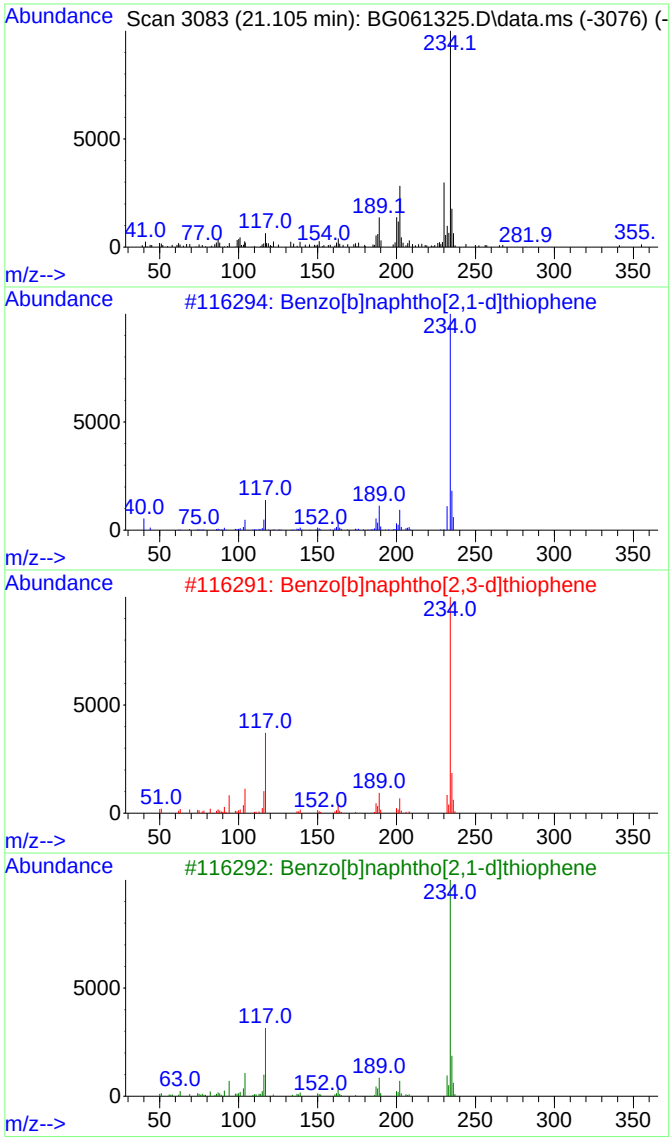
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

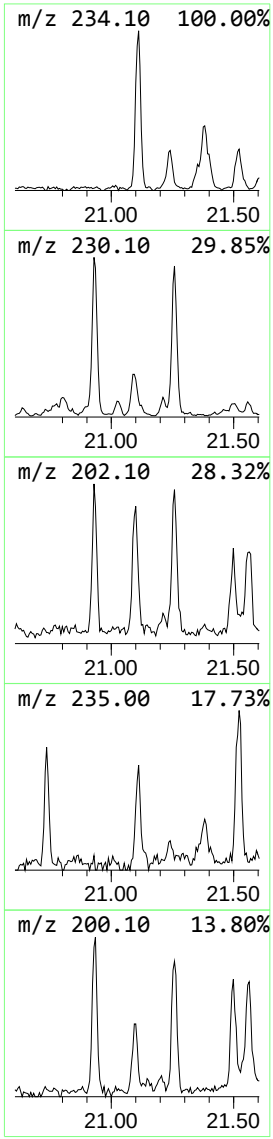
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.105	2.24 ng/ul	147700	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





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Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

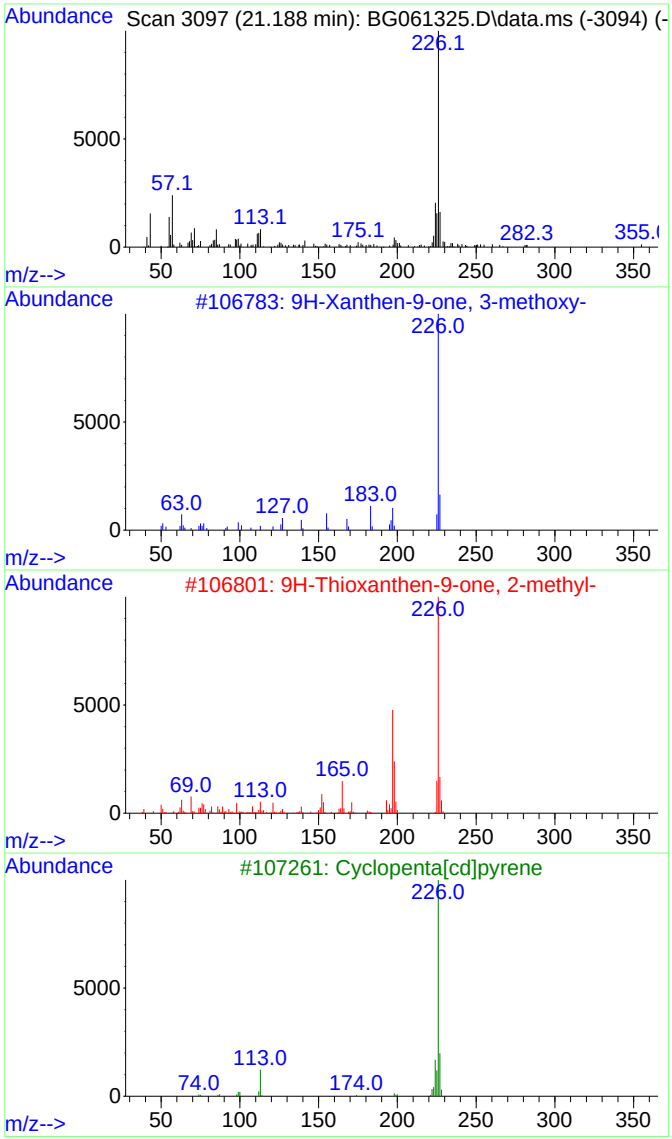
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

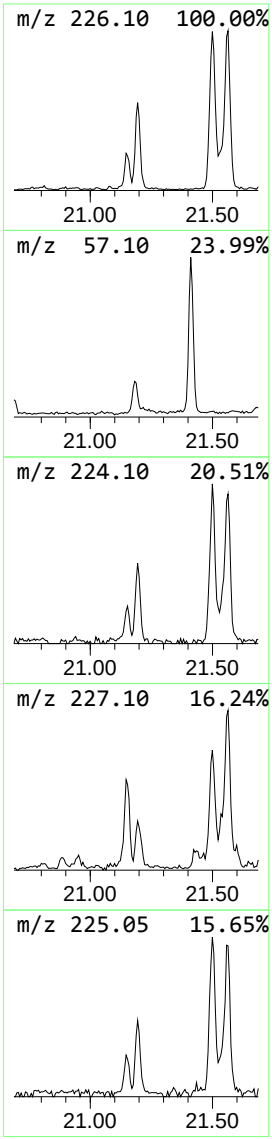
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9H-Xanthen-9-one, 3-methoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	3.34 ng/ul	219916	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	59
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	59
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	45





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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

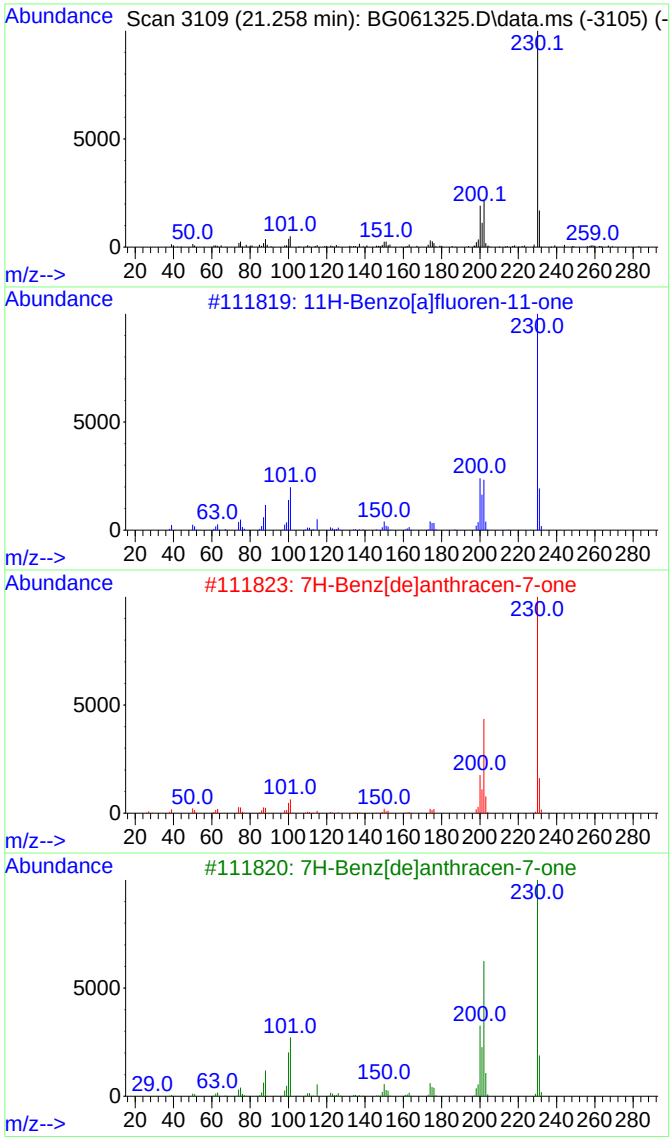
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

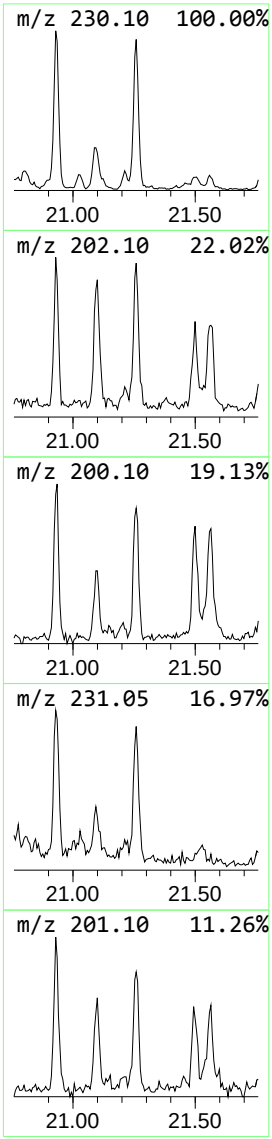
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	2.46 ng/ul	161751	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80





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Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

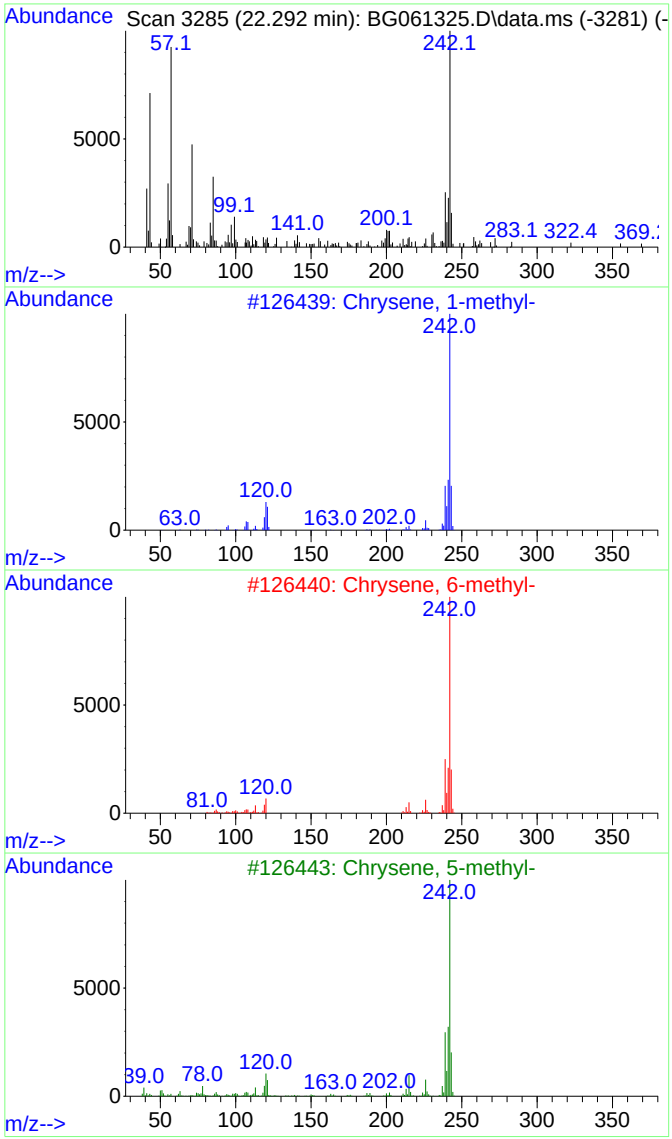
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

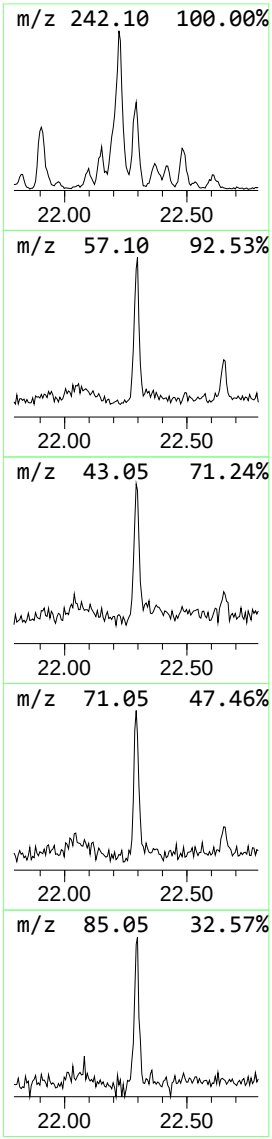
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Chrysene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.292	2.04 ng/ul	134032	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	58
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	55
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	55
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

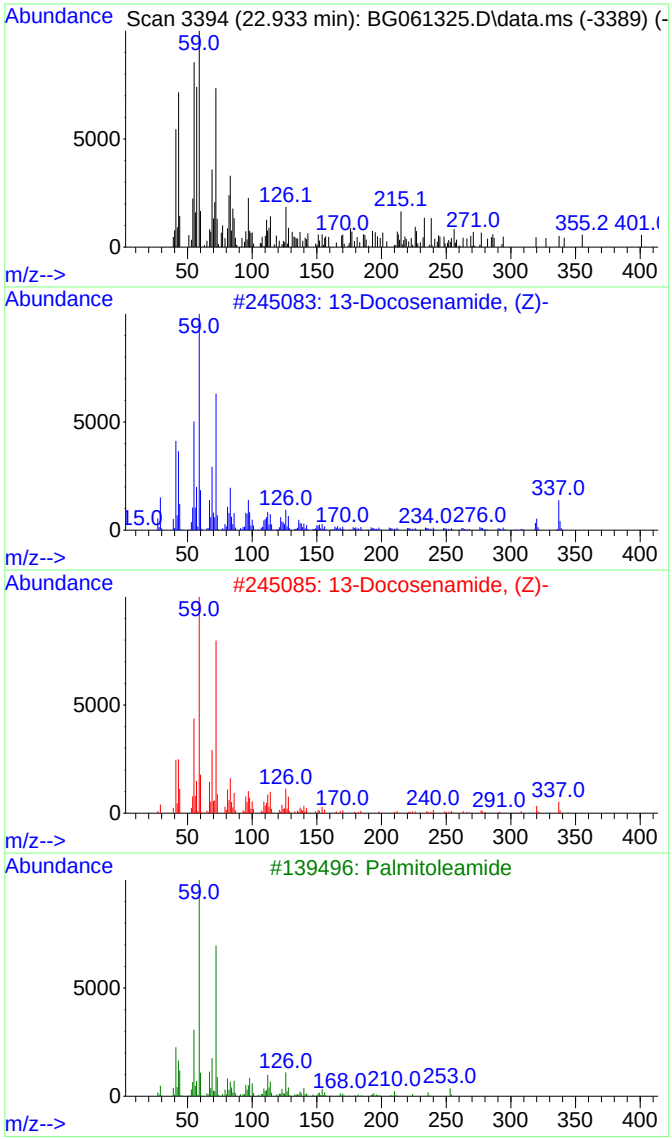
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

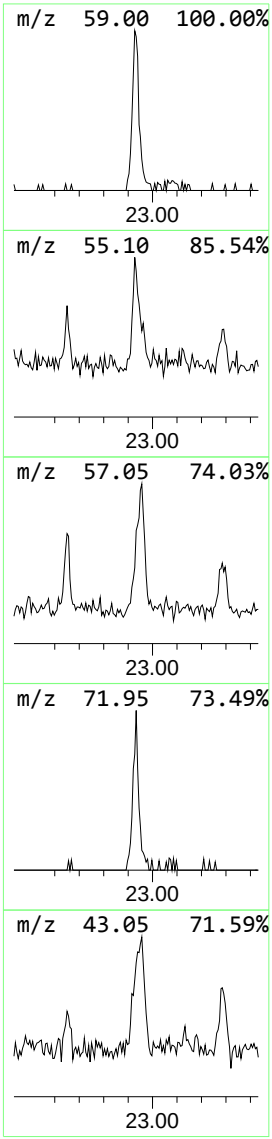
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.933	2.38 ng/ul	156915	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3	Palmitoleamide	253	C16H31NO	106010-22-4	64
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
5	Acetamide, N-propyl-N-heptyl-	199	C12H25NO	1000438-05-5	42





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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

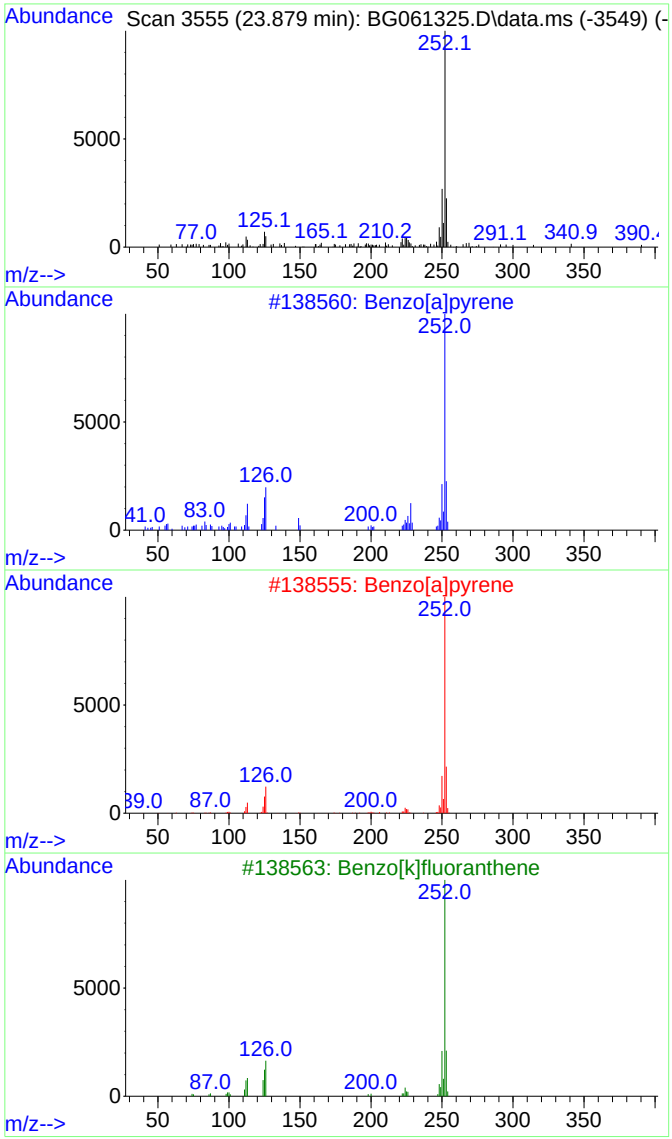
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

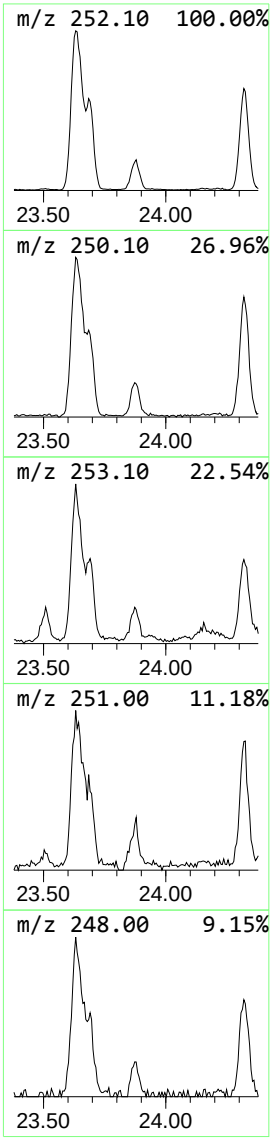
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.879	2.18 ng/ul	78077	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	76
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	68





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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

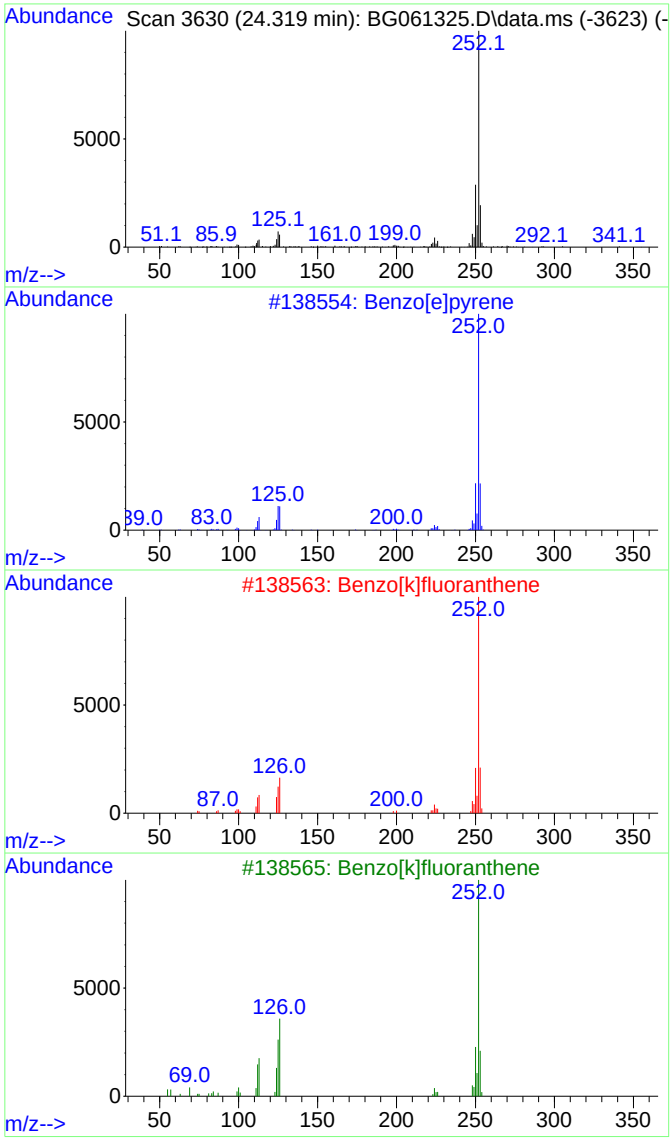
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

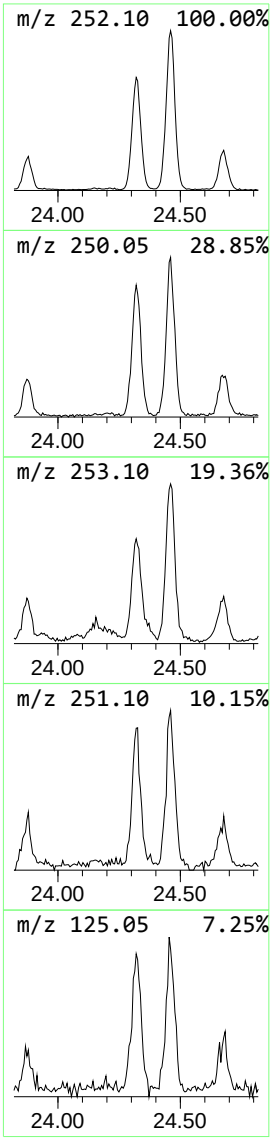
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.319	8.94 ng/ul	320441	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

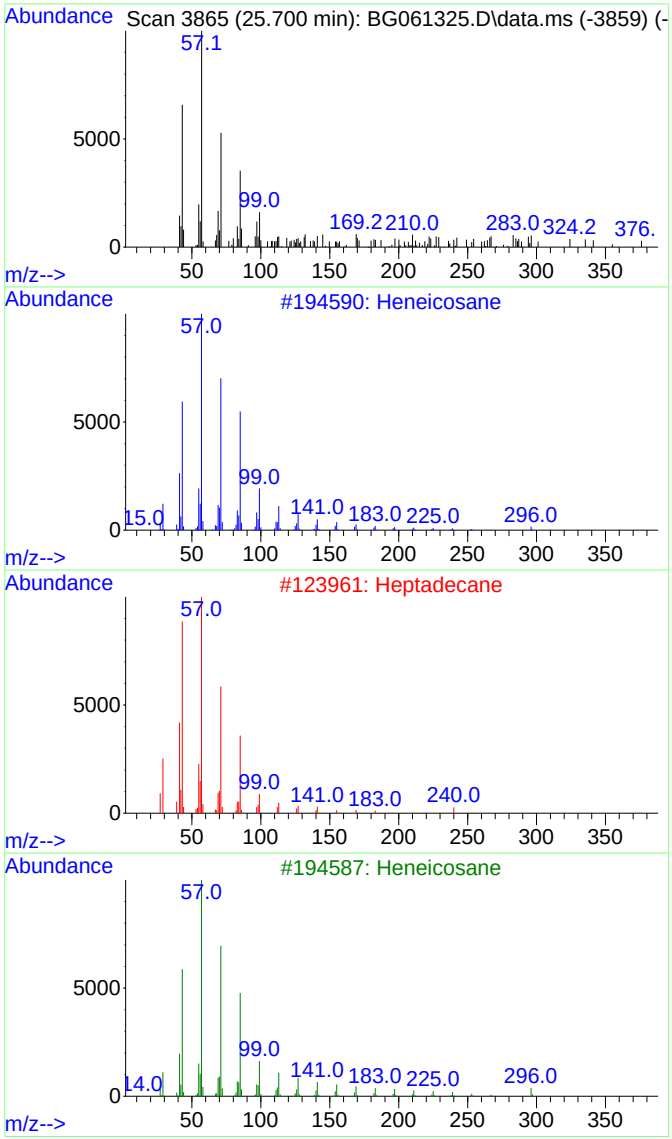
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

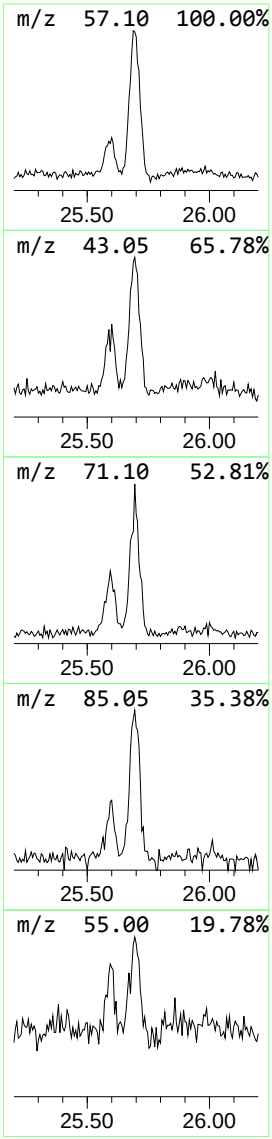
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.700	2.64 ng/ul	94657	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
5	Tricosane	324	C23H48	000638-67-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

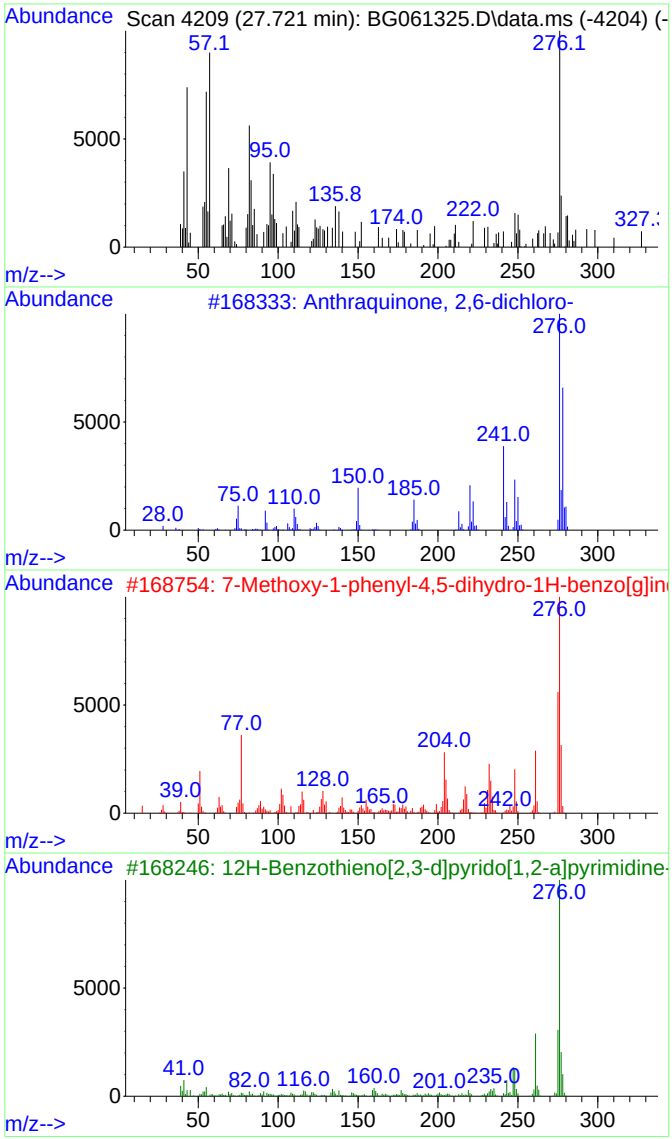
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

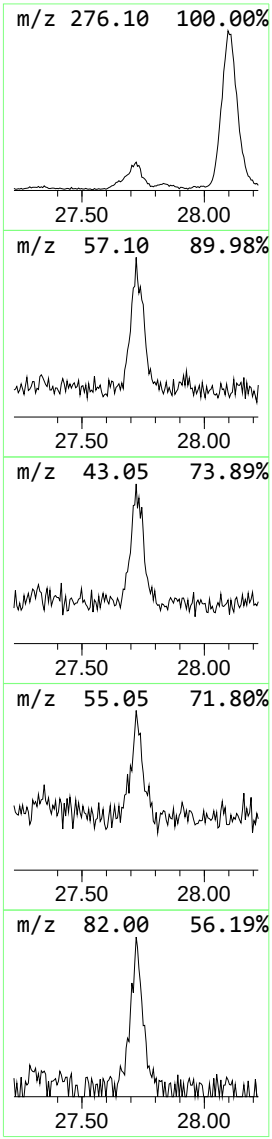
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Anthraquinone, 2,6-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.721	4.59 ng/ul	164614	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	53
2	7-Methoxy-1-phenyl-4,5-dihydro-1...	276	C18H16N2O	1010332-52-4	43
3	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	38
4	Dithiocarbonic acid, S-methyl es...	383	C20H33NO2S2	1010202-13-0	37
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q4

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
3-Buten-2-one, ...	3.038	4.1	ng/ul	38541	1	7.886	187599	20.0
Butane, 2-metho...	3.079	242.8	ng/ul	2277440	1	7.886	187599	20.0
unknown-01	3.861	2.3	ng/ul	21587	1	7.886	187599	20.0
(DEL) Alkane: S...	4.307	18.7	ng/ul	175737	1	7.886	187599	20.0
(DEL) Alkane: C...	4.719	13.9	ng/ul	130473	1	7.886	187599	20.0
Phenanthrene, 1...	18.138	3.5	ng/ul	92251	4	17.263	527395	20.0
4H-Cyclopenta[d...	18.338	5.7	ng/ul	150353	4	17.263	527395	20.0
5,16[1',2']:8,1...	18.644	3.1	ng/ul	82289	4	17.263	527395	20.0
9,10-Anthracene...	18.685	3.5	ng/ul	93553	4	17.263	527395	20.0
Phenanthrene, 3...	19.061	3.0	ng/ul	80556	4	17.263	527395	20.0
Cyclopenta(def)...	19.202	3.4	ng/ul	88242	4	17.263	527395	20.0
11H-Benzo[b]flu...	20.007	2.3	ng/ul	152947	5	21.517	1316700	20.0
Pyrene, 1-methyl-	20.336	2.1	ng/ul	140919	5	21.517	1316700	20.0
11H-Benzo[a]flu...	20.929	2.2	ng/ul	145689	5	21.517	1316700	20.0
Benzo[b]naphtho...	21.105	2.2	ng/ul	147700	5	21.517	1316700	20.0
9H-Xanthen-9-on...	21.188	3.3	ng/ul	219916	5	21.517	1316700	20.0
7H-Benz[de]anth...	21.258	2.5	ng/ul	161751	5	21.517	1316700	20.0
Chrysene, 1-met...	22.292	2.0	ng/ul	134032	5	21.517	1316700	20.0
13-Docosenamide...	22.933	2.4	ng/ul	156915	5	21.517	1316700	20.0
Benzo[j]fluoran...	23.879	2.2	ng/ul	78077	6	24.607	717176	20.0
Benzo[e]pyrene	24.319	8.9	ng/ul	320441	6	24.607	717176	20.0
(DEL) Alkane: S...	25.700	2.6	ng/ul	94657	6	24.607	717176	20.0
Anthraquinone, ...	27.721	4.6	ng/ul	164614	6	24.607	717176	20.0