LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH664

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: BG061352.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	4	8	10	rBV	76193	90791	4.56%	0.552%
2	3.079	10	15	35	rVB	1284306	1990060	100.00%	12.098%
3	3.614	101	106	112	rBB2	8406	12365	0.62%	0.075%
4	3.749	122	129	142	rVV2	44480	90031	4.52%	0.547%
5	3.861	142	148	155	rVV	40823	63400	3.19%	0.385%
6	4.307	218	224	232	rBV	71049	99724	5.01%	0.606%
7	4.713	288	293	299	rBV	40449	57526	2.89%	0.350%
8	5.083	350	356	364	rVB3	12926	22186	1.11%	0.135%
9	7.063	681	693	708	rVV	114104	196158	9.86%	1.192%
10	7.210	710	718	725	rVB	72972	117502	5.90%	0.714%
11	7.421	745	754	760	rBV	107923	180552	9.07%	1.098%
12	7.880	825	832	839	rBV	87637	140579	7.06%	0.855%
13	8.596	947	954	967	rVB2	82474	140888	7.08%	0.856%
14	9.037	1022	1029	1036	rBV	119047	202867	10.19%	1.233%
15	9.589	1115	1123	1130	rBB4	12391	20450	1.03%	0.124%
16	9.760	1145	1152	1164	rBV	105006	182345	9.16%	1.108%
17	10.306	1238	1245	1254	rBV	142951	255056	12.82%	1.551%
18	10.676	1298	1308	1314	rBV	125908	219392	11.02%	1.334%
19	10.811	1323	1331	1341	rBV2	61903	120372	6.05%	0.732%
20	11.417	1429	1434	1443	rBV2	12091	22869	1.15%	0.139%
21	13.920	1851	1860	1866	rVB	286439	398764	20.04%	2.424%
22	14.207	1902	1909	1921	rVB	290548	450450	22.63%	2.738%
23	14.513	1953	1961	1968	rBV	202231	308773	15.52%	1.877%
24	14.578	1968	1972	1979	rVB3	7133	12194	0.61%	0.074%
25	14.748	1990	2001	2017	rBV4	94152	310033	15.58%	1.885%
26	14.871	2017	2022	2025	rVV6	11882	21563	1.08%	0.131%
27	14.912	2025	2029	2035	rVV	11600	19175	0.96%	0.117%
28	15.512	2124	2131	2137	rBV	381086	575005	28.89%	3.496%
29	15.641	2148	2153	2159	rVV	95551	145054	7.29%	0.882%
30	16.229	2247	2253	2261	rBV6	13295	29041	1.46%	0.177%
31	16.916	2366	2370	2376	rBV2	17544	27674	1.39%	0.168%
32	17.022	2385	2388	2393	rVV3	10993	13116	0.66%	0.080%
33	17.081	2395	2398	2403	rVB2	8577	12374	0.62%	0.075%
34	17.263	2422	2429	2433	rBV	247740	383405	19.27%	2.331%
35	17.304	2433	2436	2441	rVV	199725	270770	13.61%	1.646%
36	17.363	2441	2446	2457	rVB	403058	617270	31.02%	3.752%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH664

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	17.668	2488	2498	2504	rBV3	19765	40755	2.05%	0.248%
38	17.762	2510	2514	2520	rBV4	8366	15186	0.76%	0.092%
39	17.844	2523	2528	2537	rVB5	11312	23411	1.18%	0.142%
40	18.144	2574	2579	2580	rBV2	34784	46932	2.36%	0.285%
41	18.167	2580	2583	2585	rBV2	48109	58283	2.93%	0.354%
42	18.332	2604	2611	2615	rVV3	43433	82110	4.13%	0.499%
43	18.373	2615	2618	2623	rVB	29672	37323	1.88%	0.227%
44	18.450	2628	2631	2635	rBV5	14185	21526	1.08%	0.131%
45	18.491	2635	2638	2642	rVV5	8323	14345	0.72%	0.087%
46	18.638	2659	2663	2667	rVV	28980	43971	2.21%	0.267%
47	18.685	2667	2671	2676	rVB2	45481	66489	3.34%	0.404%
48	18.884	2702	2705	2710	rVV6	16623	24602	1.24%	0.150%
49	18.937	2710	2714	2717	rVV	14532	19102	0.96%	0.116%
50	18.978	2717	2721	2723	rVB3	10840	13458	0.68%	0.082%
51	19.061	2730	2735	2738	rBV	30339	57025	2.87%	0.347%
52	19.149	2748	2750	2753	rVB3	13483	12253	0.62%	0.074%
53	19.202	2754	2759	2765	rBV2	35657	62440	3.14%	0.380%
54	19.319	2771	2779	2786	rBV	441034	620742	31.19%	3.774%
55	19.384	2786	2790	2792	rVV4	13277	15770	0.79%	0.096%
56	19.419	2794	2796	2798	rVV3	11839	15453	0.78%	0.094%
57	19.442	2798	2800	2804	rVV5	17584	21299	1.07%	0.129%
58	19.519	2808	2813	2817	rBV5	15501	27996	1.41%	0.170%
59	19.566	2817	2821	2825	rBV	13282	19508	0.98%	0.119%
60	19.654	2830	2836	2839	rBV	603416	924054	46.43%	5.617%
61	19.683	2839	2841	2849	rVB	363948	452607	22.74%	2.751%
62	19.754	2849	2853	2858	rBV2	29223	48269	2.43%	0.293%
63	19.860	2866	2871	2877	rVB	22472	37027	1.86%	0.225%
64	19.918	2878	2881	2887	rVB3	21387	32369	1.63%	0.197%
65	20.001	2890	2895	2897	rBV2	34552	55695	2.80%	0.339%
66	20.095	2908	2911	2914	rBV3	11677	14866	0.75%	0.090%
67	20.142	2914	2919	2921	rVV5	28083	49360	2.48%	0.300%
68	20.177	2921	2925	2931	rVB2	52100	110417	5.55%	0.671%
69	20.277	2938	2942	2946	rBV	27393	40803	2.05%	0.248%
70	20.336	2946	2952	2956	rVV3	48878	92880	4.67%	0.565%
71	20.371	2956	2958	2962	rVV4	14943	19107	0.96%	0.116%
72	20.412	2963	2965	2970	rVB4	12509	13890	0.70%	0.084%
73	20.477	2972	2976	2980	rVV	29669	46936	2.36%	0.285%
74	20.518	2980	2983	2987	rVV2	32994	49446	2.48%	0.301%
75	20.571	2987	2992	2996	rVV4	21788	34975	1.76%	0.213%
76	20.688	3009	3012	3015	rVB2	27447	29327	1.47%	0.178%

LSC Area Percent Report

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Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH664

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

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

77	20.729	3015	3019	3022	rBV5	18210	26423	1.33%	0.161%
78	20.929	3049	3053	3061	rVB	74182	109330	5.49%	0.665%
79	21.105	3078	3083	3087	rBV3	43384	83817	4.21%	0.510%
80	21.146	3087	3090	3092	rVV	40019	54122	2.72%	0.329%
81	21.182	3092	3096	3105	rVV4	115223	271211	13.63%	1.649%
82	21.258	3105	3109	3116	rVB	67586	109972	5.53%	0.669%
83	21.411	3131	3135	3139	rVB	76291	99672	5.01%	0.606%
84	21.511	3144	3152	3157	rVV2	357586	855306	42.98%	5.199%
85	21.558	3157	3160	3174	rVB	206956	362669	18.22%	2.205%
86	21.704	3182	3185	3191	rVB4	32676	48596	2.44%	0.295%
87	21.910	3215	3220	3226	rBV2	30510	61472	3.09%	0.374%
88	22.222	3270	3273	3279	rVB2	38355	59508	2.99%	0.362%
89	22.292	3280	3285	3290	rBV3	66569	127759	6.42%	0.777%
90	22.480	3314	3317	3321	rBV4	18239	24638	1.24%	0.150%
91	22.927	3388	3393	3404	rVB4	81486	193339	9.72%	1.175%
92	23.626	3504	3512	3519	rBV2	167538	518265	26.04%	3.151%
93	23.790	3536	3540	3544	rBV5	20701	43997	2.21%	0.267%
94	24.072	3582	3588	3590	rBV6	16741	34058	1.71%	0.207%
95	24.313	3623	3629	3634	rBV	82318	193655	9.73%	1.177%
96	24.395	3635	3643	3649	rVV2	291921	786023	39.50%	4.778%
97	24.460	3649	3654	3663	rVB	118790	299720	15.06%	1.822%
98	24.607	3669	3679	3687	rBV	178437	542428	27.26%	3.297%
99	25.694	3857	3864	3873	rVB4	40669	113520	5.70%	0.690%
100	28.097	4263	4273	4286	rBV3	46491	198579	9.98%	1.207%

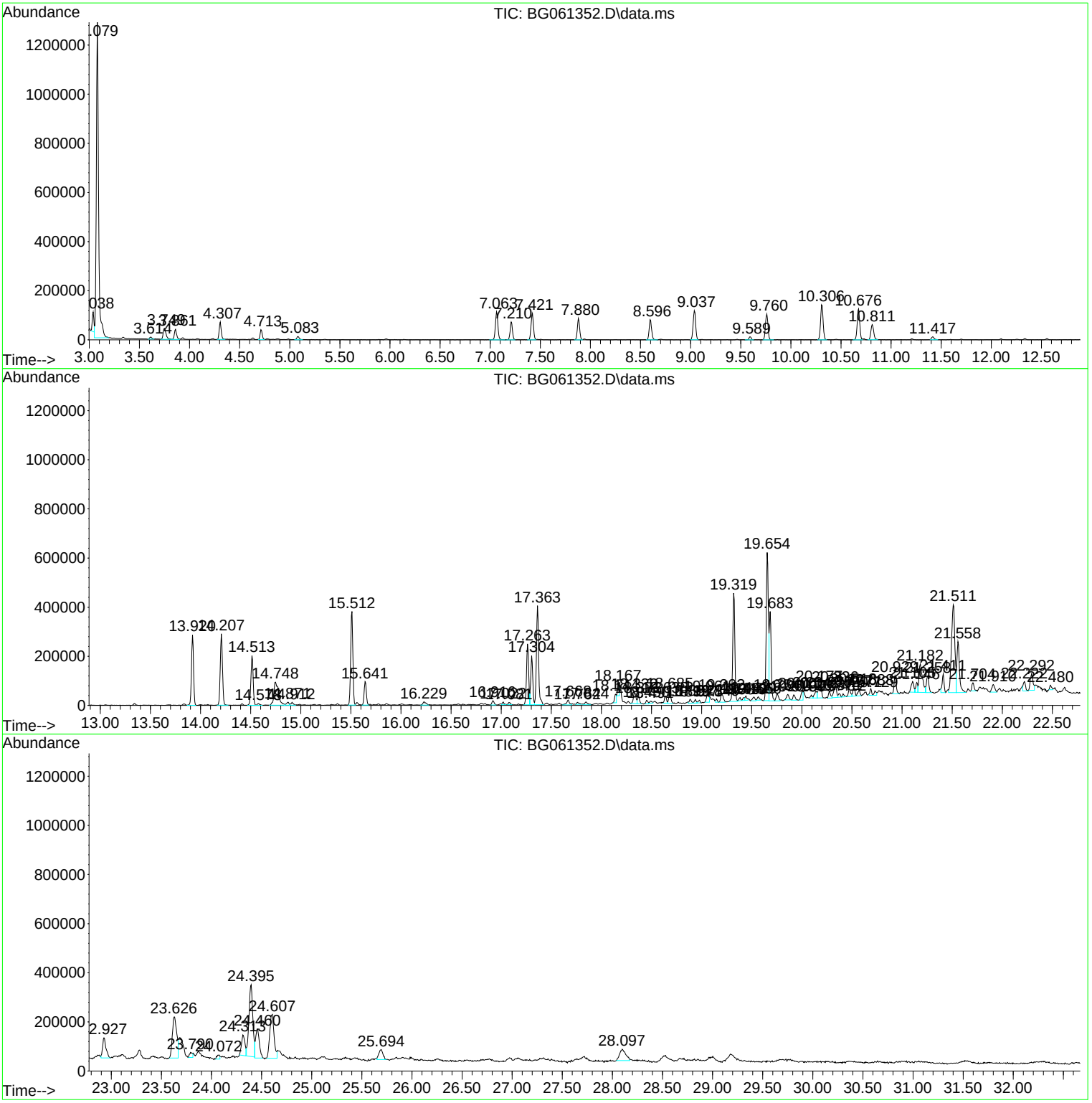
Sum of corrected areas: 16449860

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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 : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

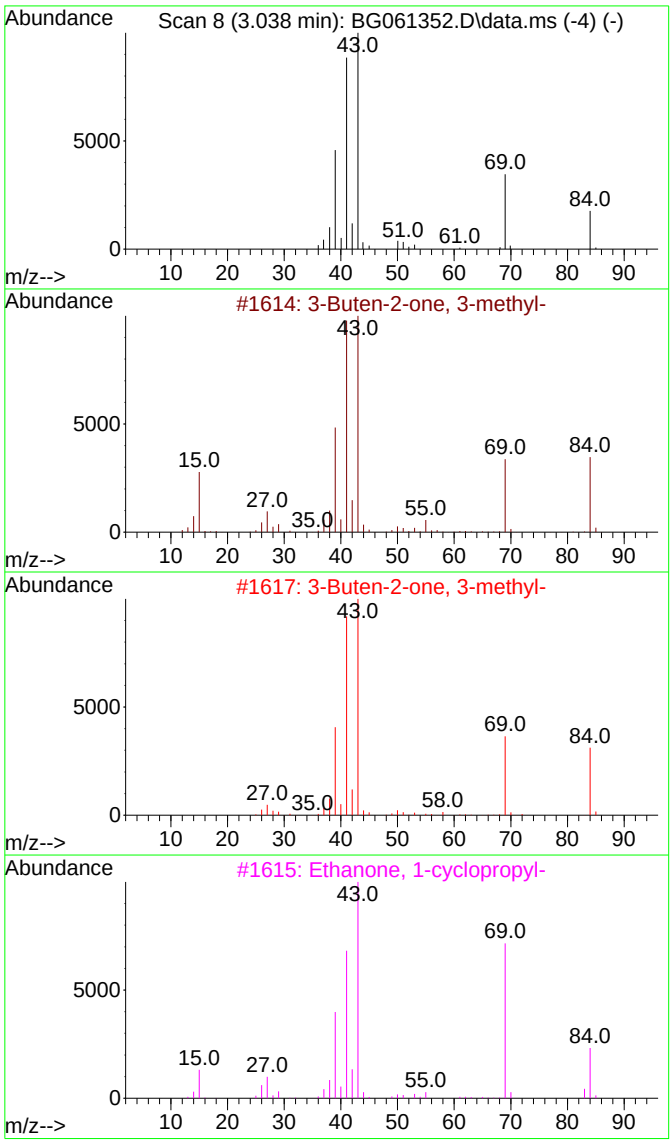
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

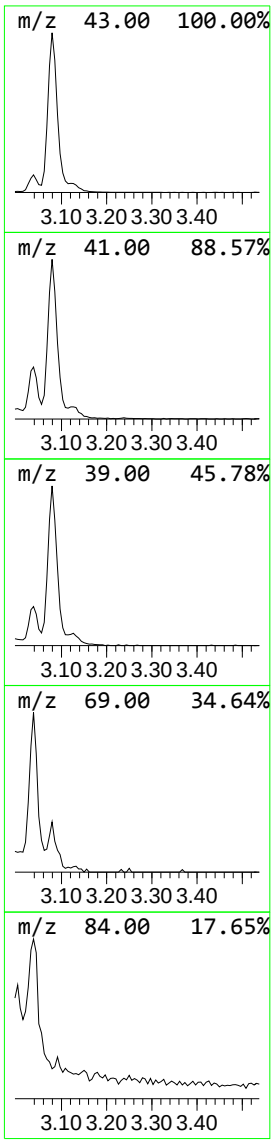
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	12.92 ng/ul	90791	1,4-Dichlorobenzene-d4	7.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	83
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	50
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	43
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

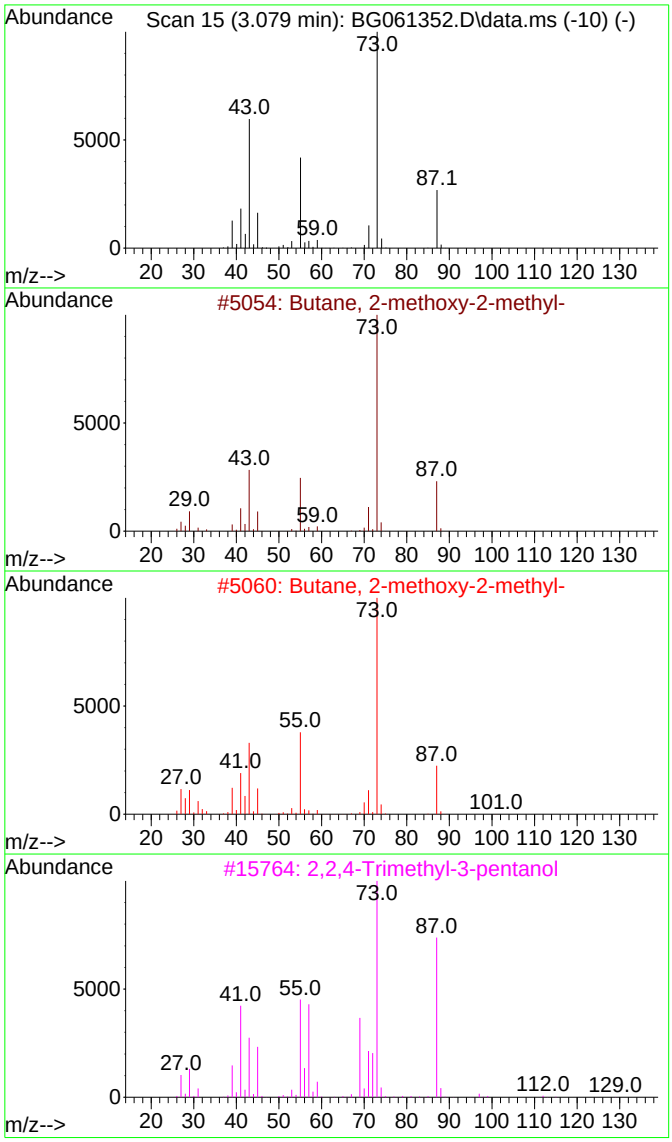
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

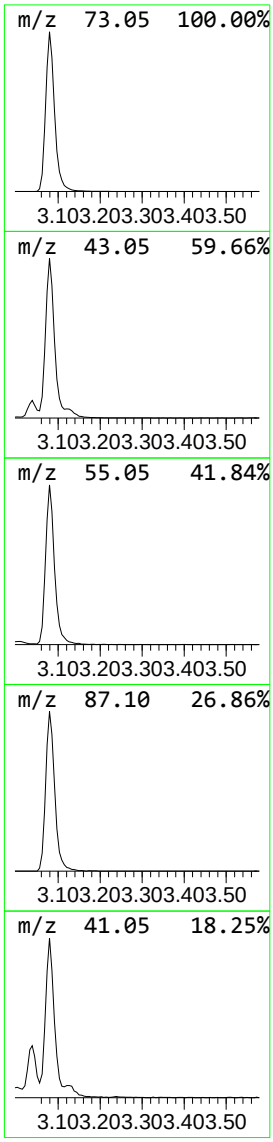
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	283.12 ng/ul	1990060	1,4-Dichlorobenzene-d4	7.880

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	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
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Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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

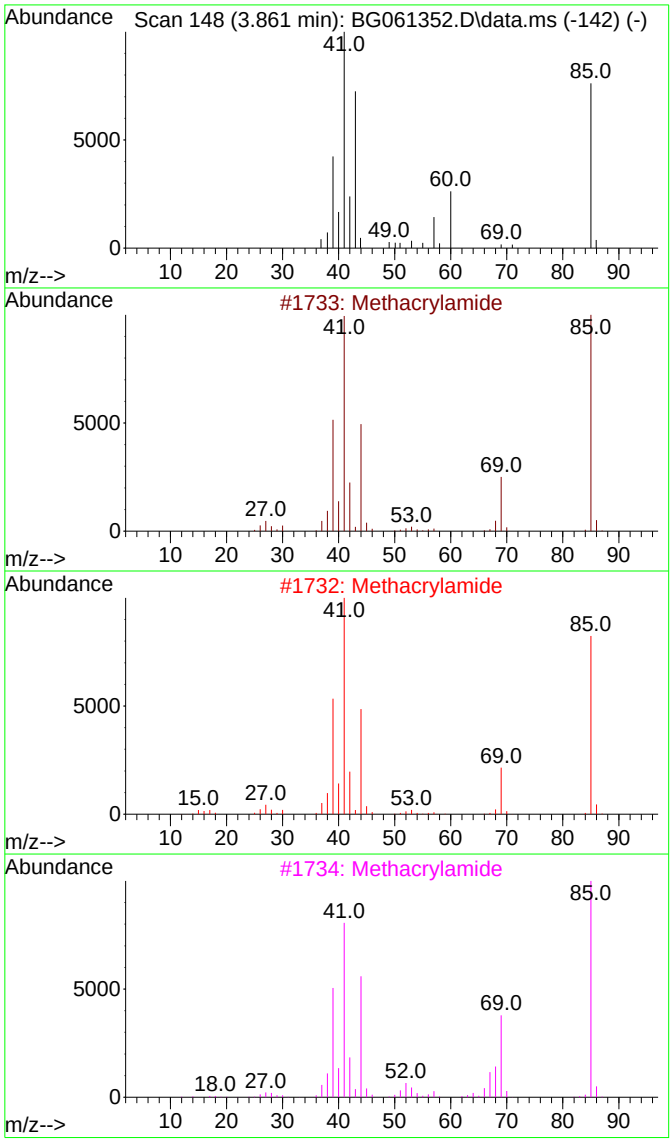
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

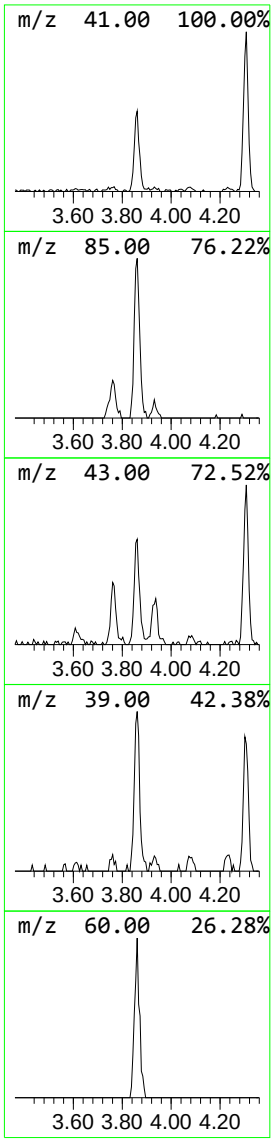
****

Peak Number 3 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.861	9.02 ng/ul	63400	1,4-Dichlorobenzene-d4	7.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	72
2	Methacrylamide	85	C4H7NO	000079-39-0	59
3	Methacrylamide	85	C4H7NO	000079-39-0	53
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	37
5	trans-Crotonamide	85	C4H7NO	000625-37-6	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

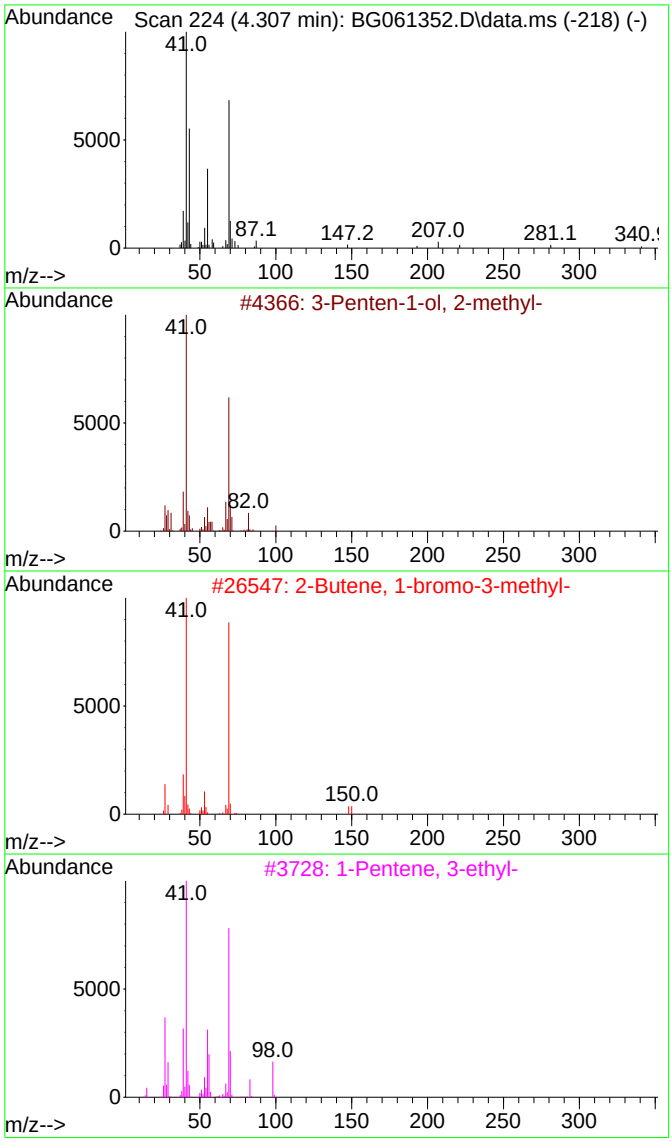
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

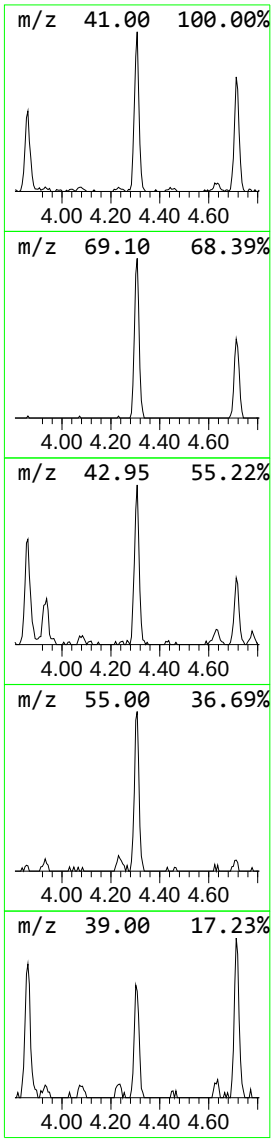
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Penten-1-ol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.307	14.19 ng/ul	99724	1,4-Dichlorobenzene-d4	7.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	50
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	33
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	33
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

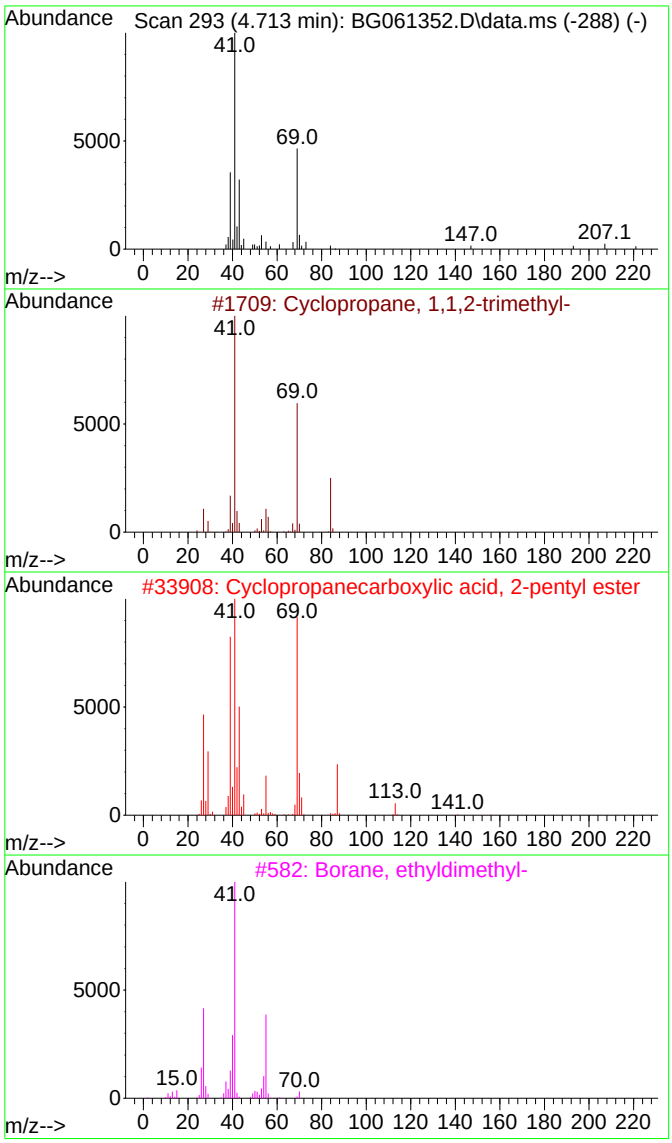
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

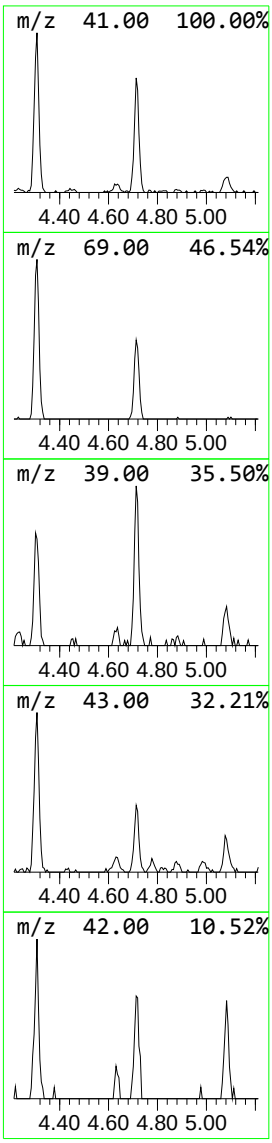
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.713 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.713	8.18 ng/ul	57526	1,4-Dichlorobenzene-d4	7.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	36
2	Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	23
3	Borane, ethyldimethyl-	70	C4H11B	001113-22-0	10
4	Propene	42	C3H6	000115-07-1	9
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	9





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Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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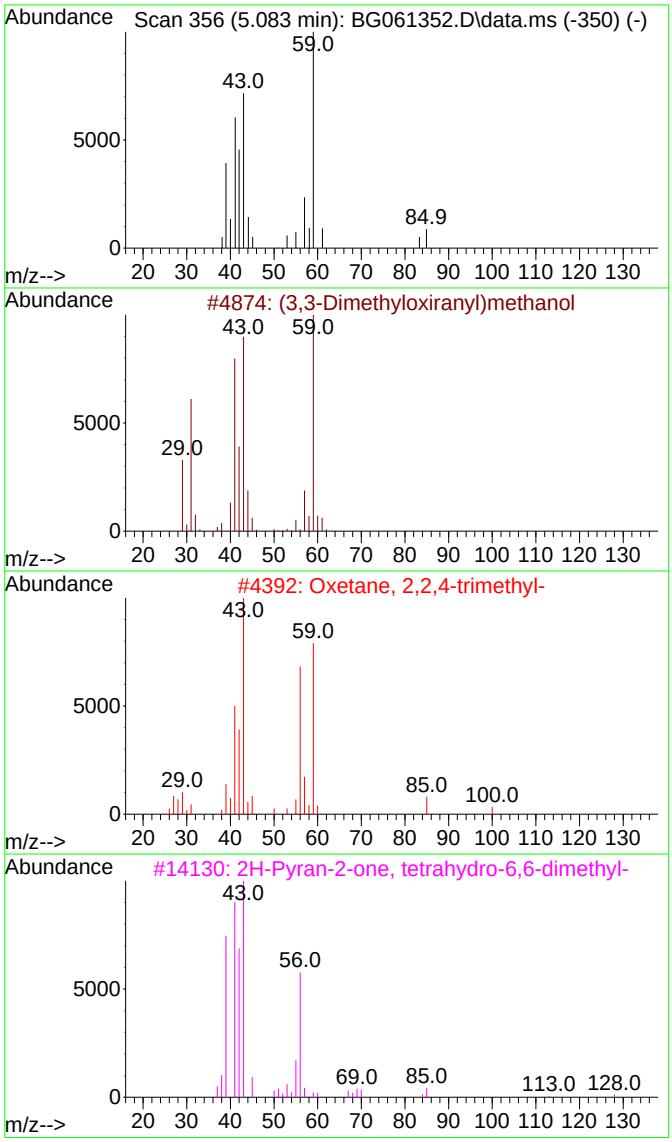
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

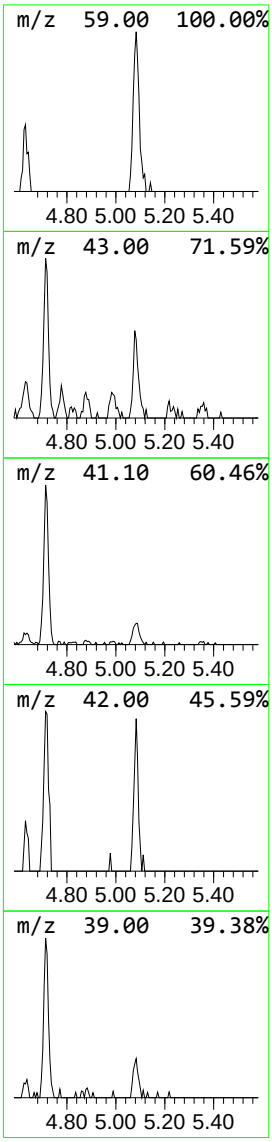
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (3,3-Dimethyloxiranyl)methanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.083	3.16 ng/ul	22186	1,4-Dichlorobenzene-d4	7.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	50
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	42
3	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	27
4	Propene	42	C3H6	000115-07-1	12
5	Propene	42	C3H6	000115-07-1	9





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Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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Quant Title : SVOA CALIBRATION

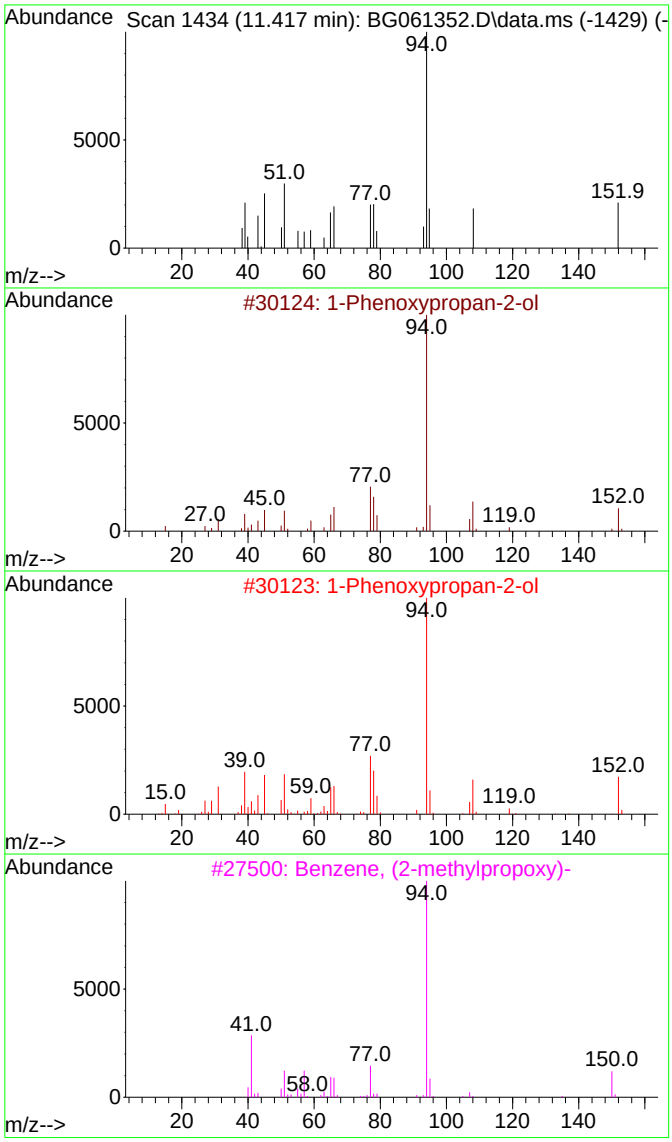
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

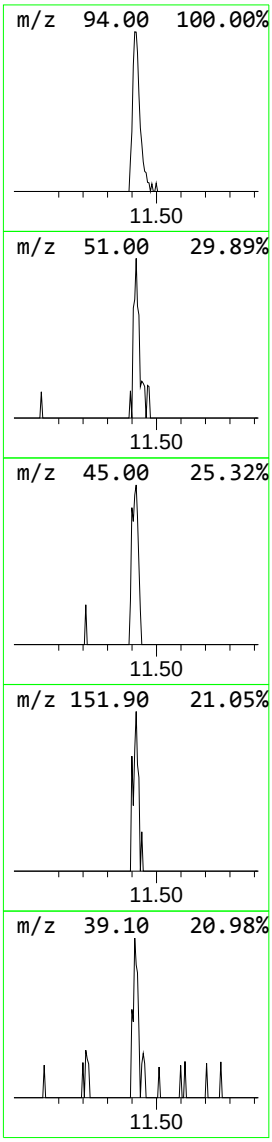
****

Peak Number 7 1-Phenoxypropan-2-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	2.08 ng/ul	22869	Naphthalene-d8	10.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	86
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	83
3	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53
4	tert-Butyl phenyl carbonate	194	C11H14O3	006627-89-0	50
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	49





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ALS Vial : 25 Sample Multiplier: 1

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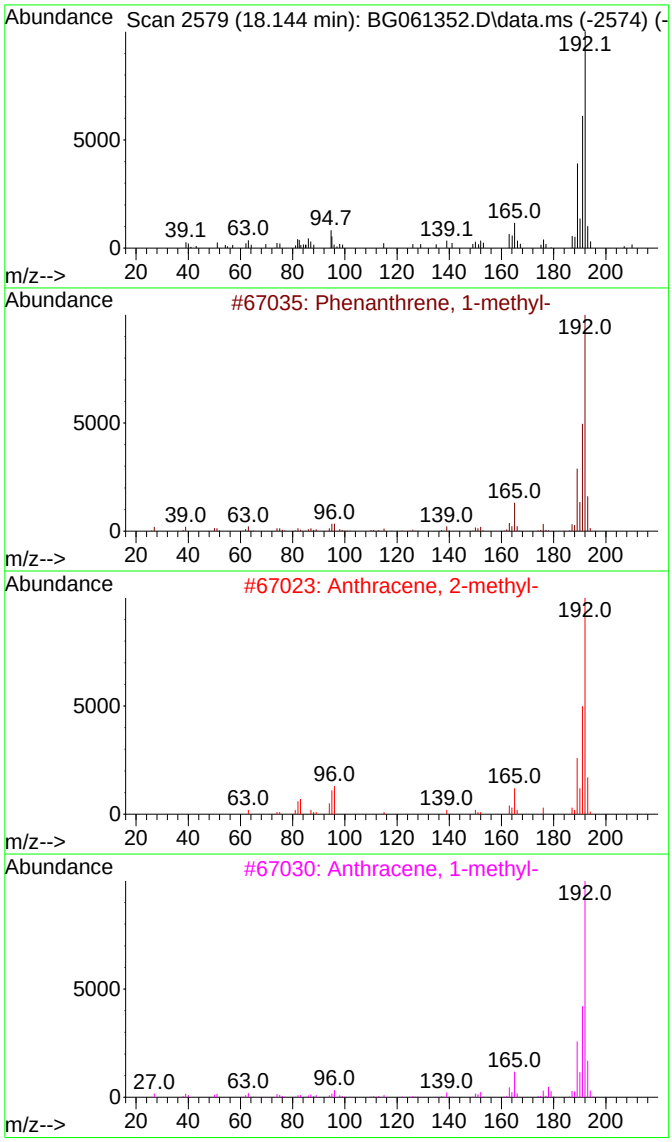
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

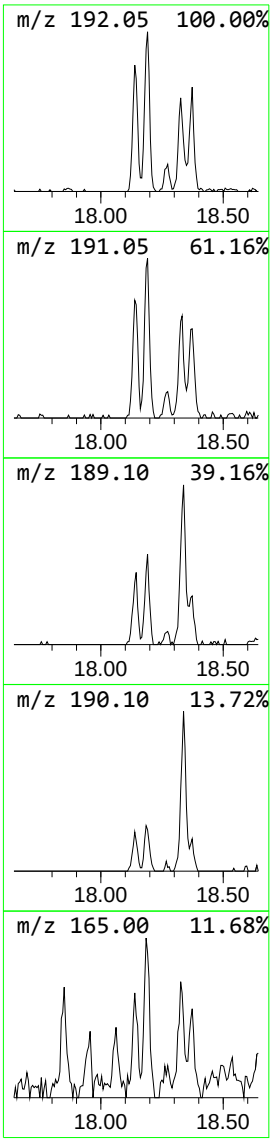
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.144	2.45 ng/ul	46932	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





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Operator : MA/JU
Sample : P2571-10
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

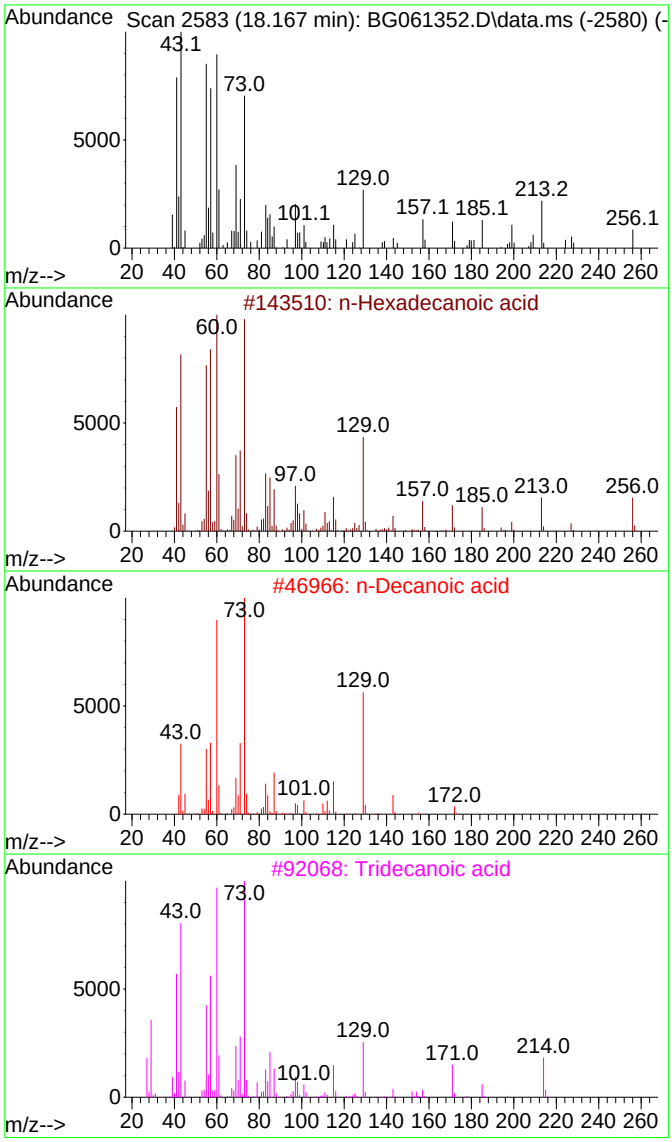
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

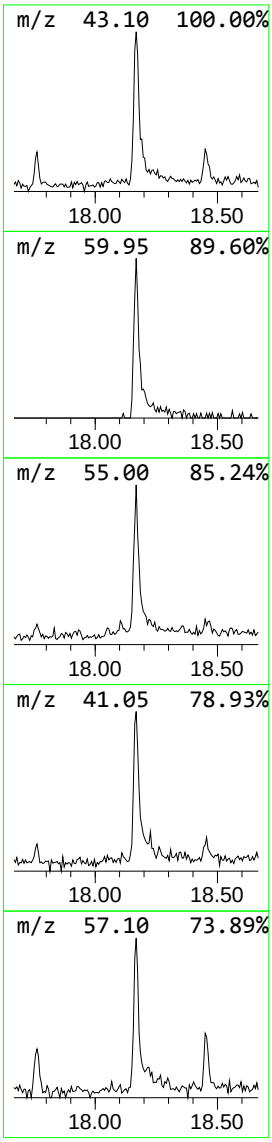
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	3.04 ng/ul	58283	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	49
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





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Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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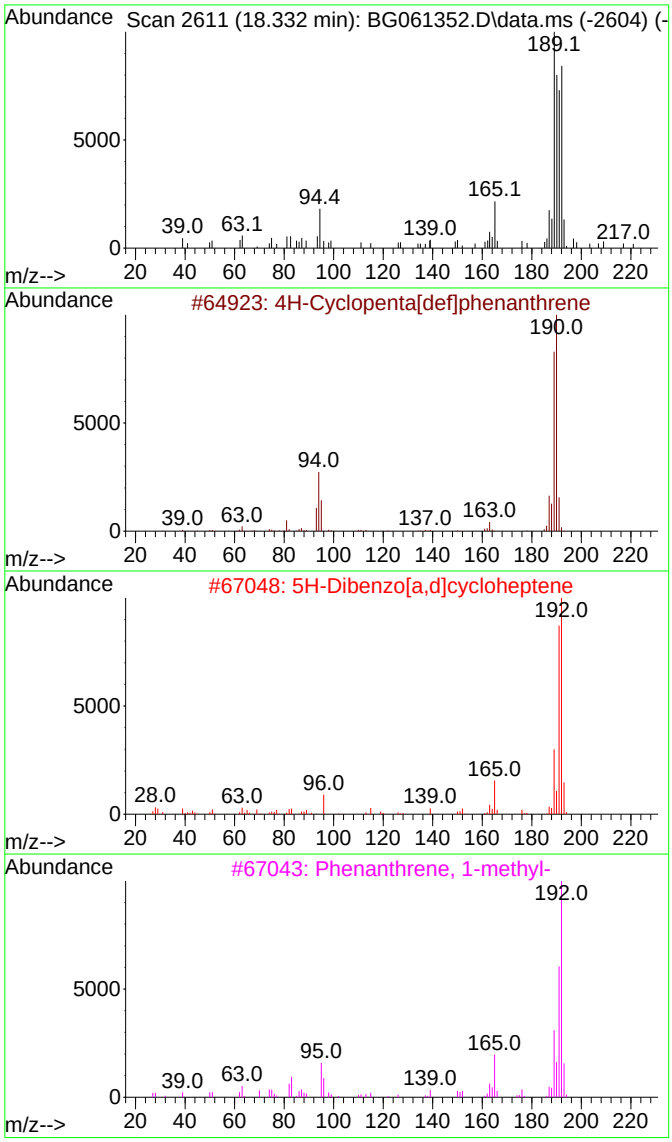
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

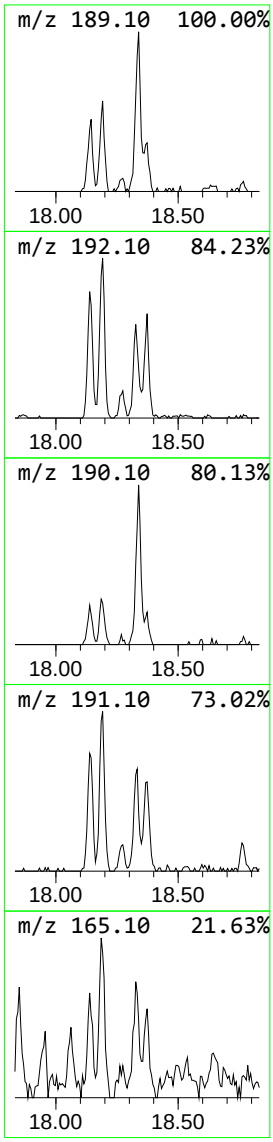
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.332	4.28 ng/ul	82110	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	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42





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Operator : MA/JU
Sample : P2571-10
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 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.637	2.29 ng/ul	43971	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	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
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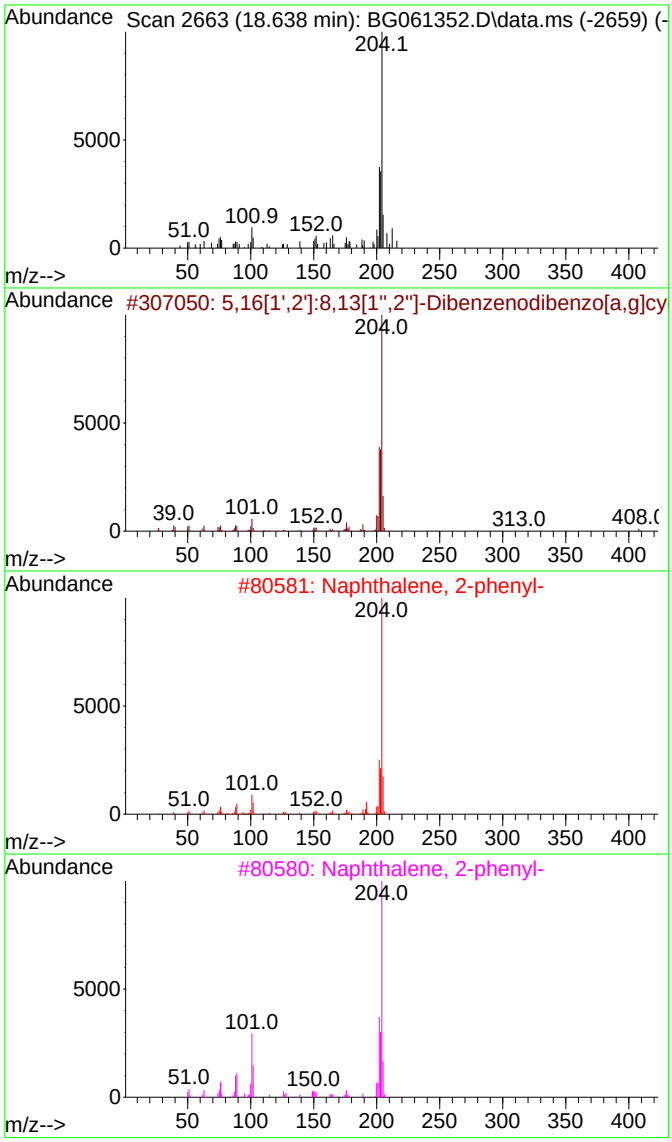

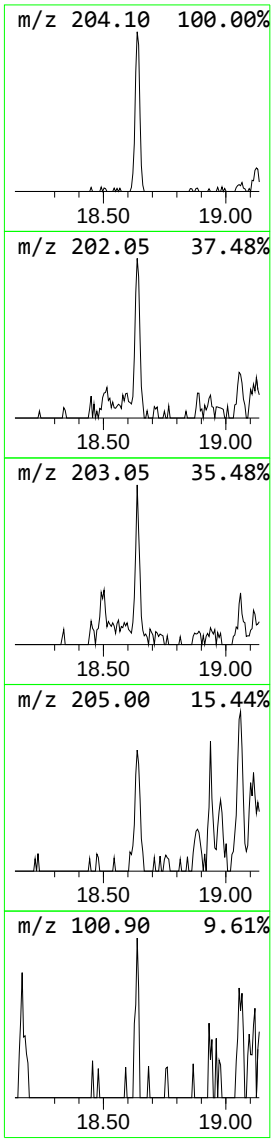

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Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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

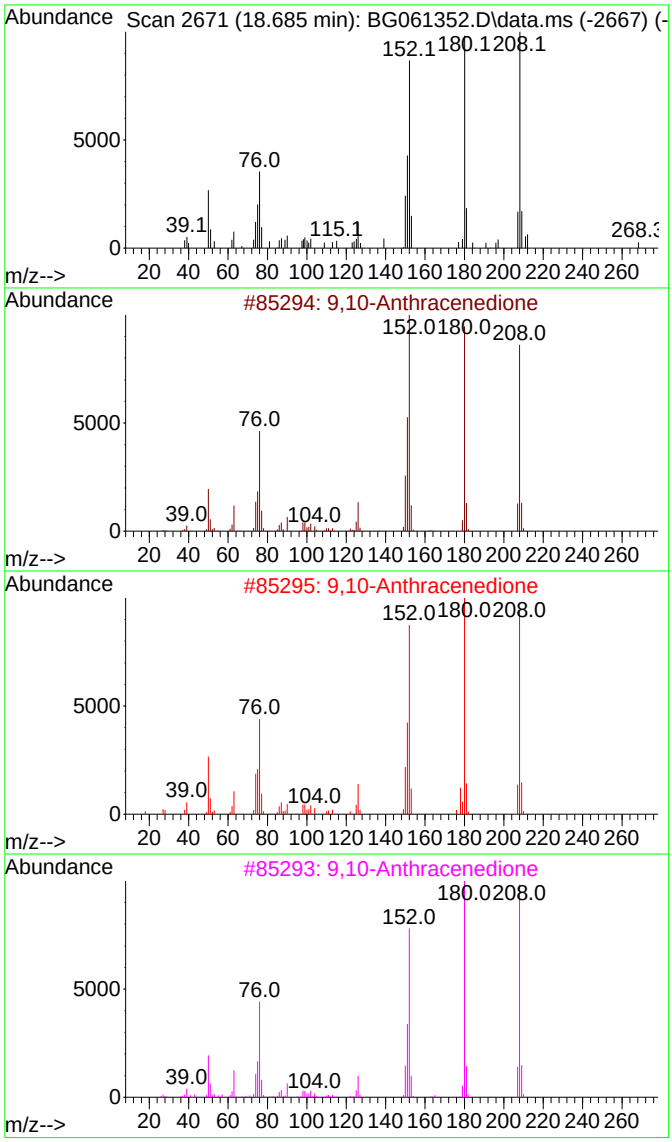
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

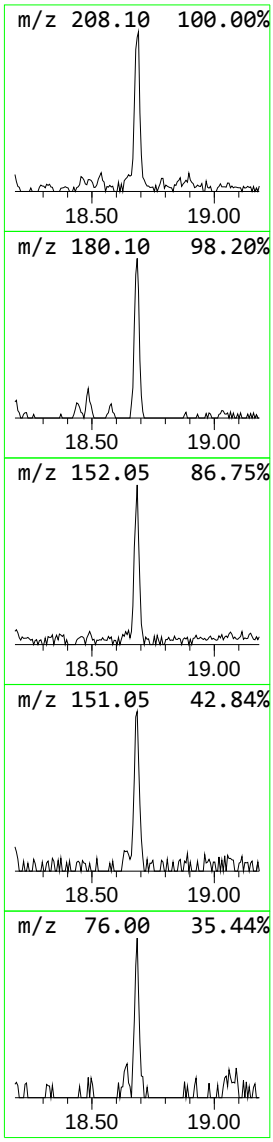
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	3.47 ng/ul	66489	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92





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Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

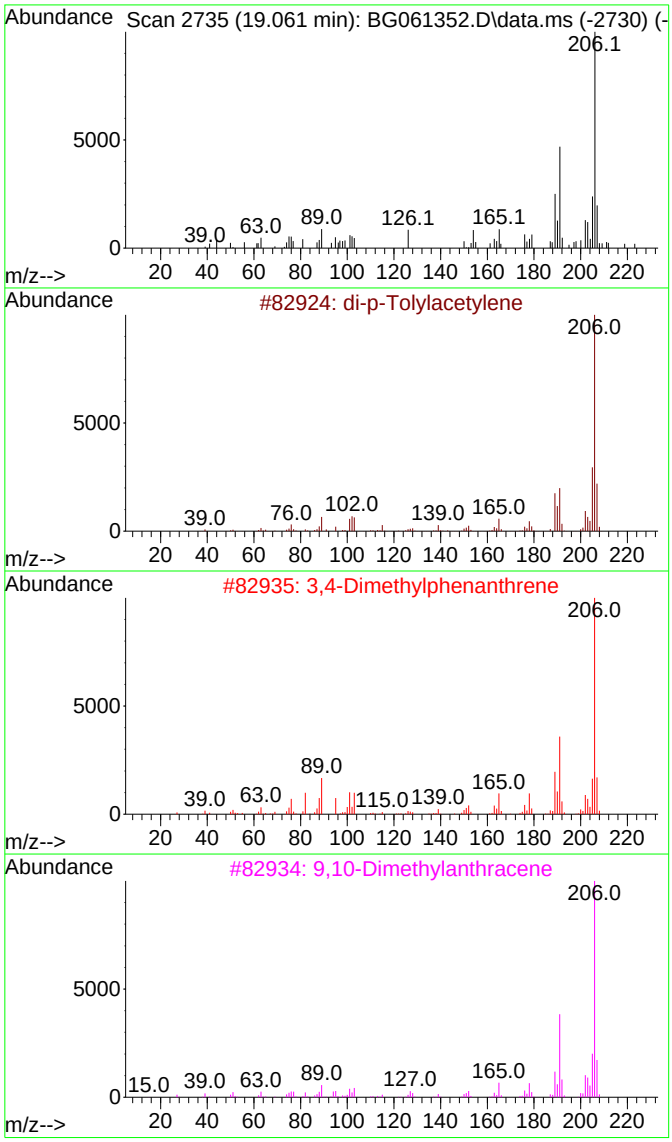
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

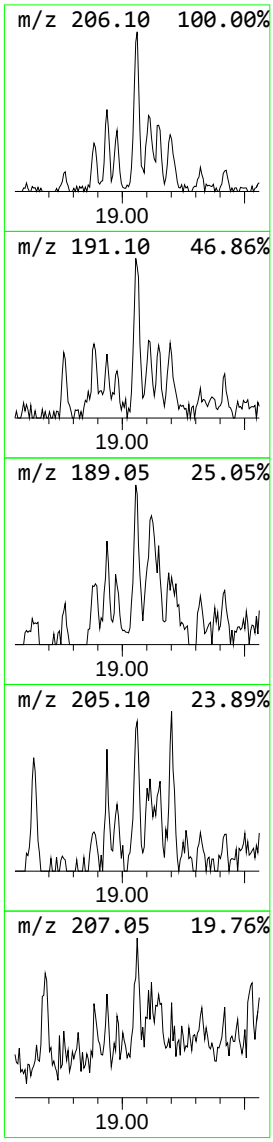
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.061	2.97 ng/ul	57025	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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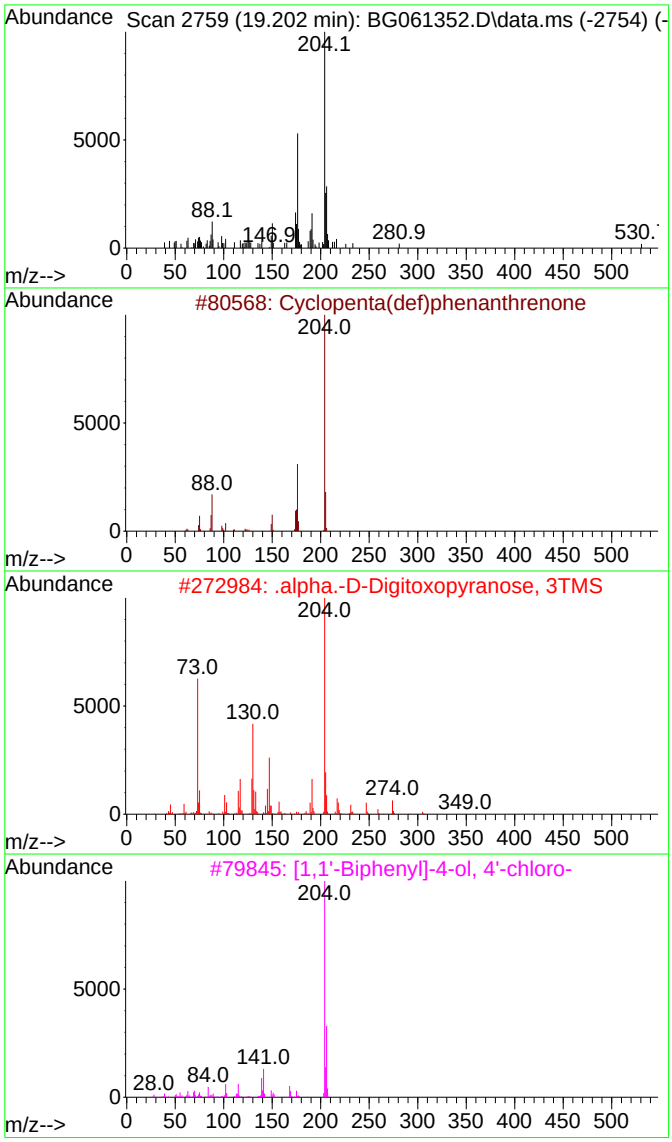
Quant Title : SVOA CALIBRATION

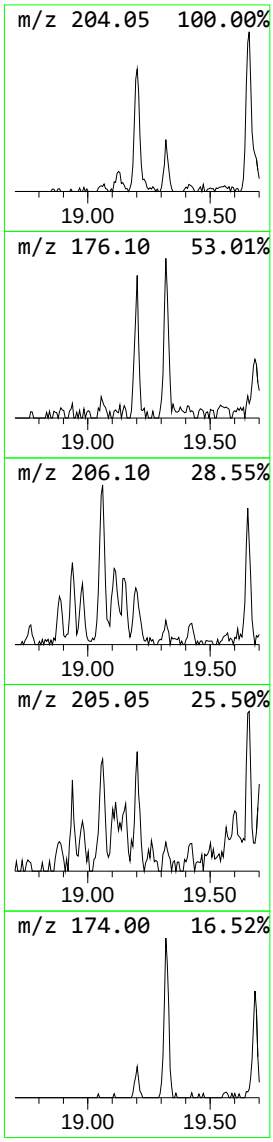
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.202	3.26 ng/ul	62440	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	.alpha.-D-Digitoxopyranose, 3TMS	364	C15H36O4Si3	1000496-55-6	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46





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Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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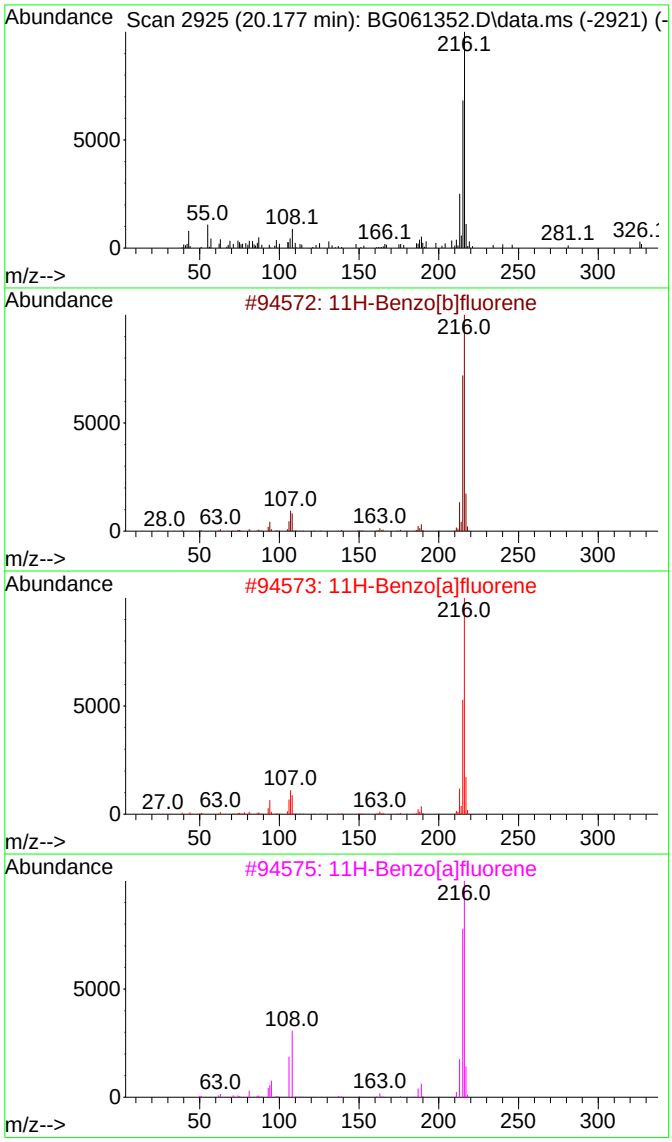
Quant Title : SVOA CALIBRATION

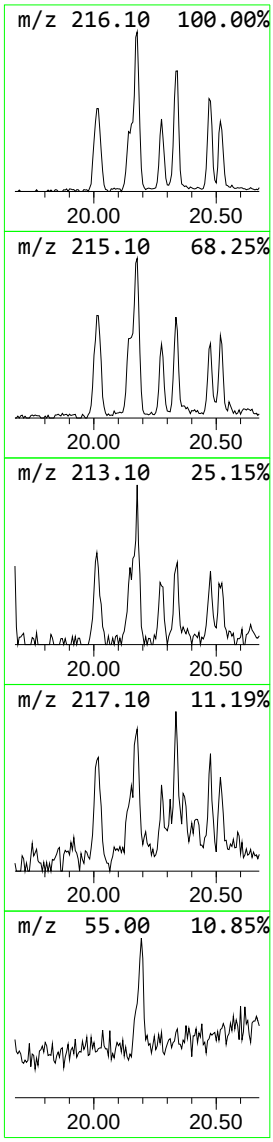
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	2.58 ng/ul	110417	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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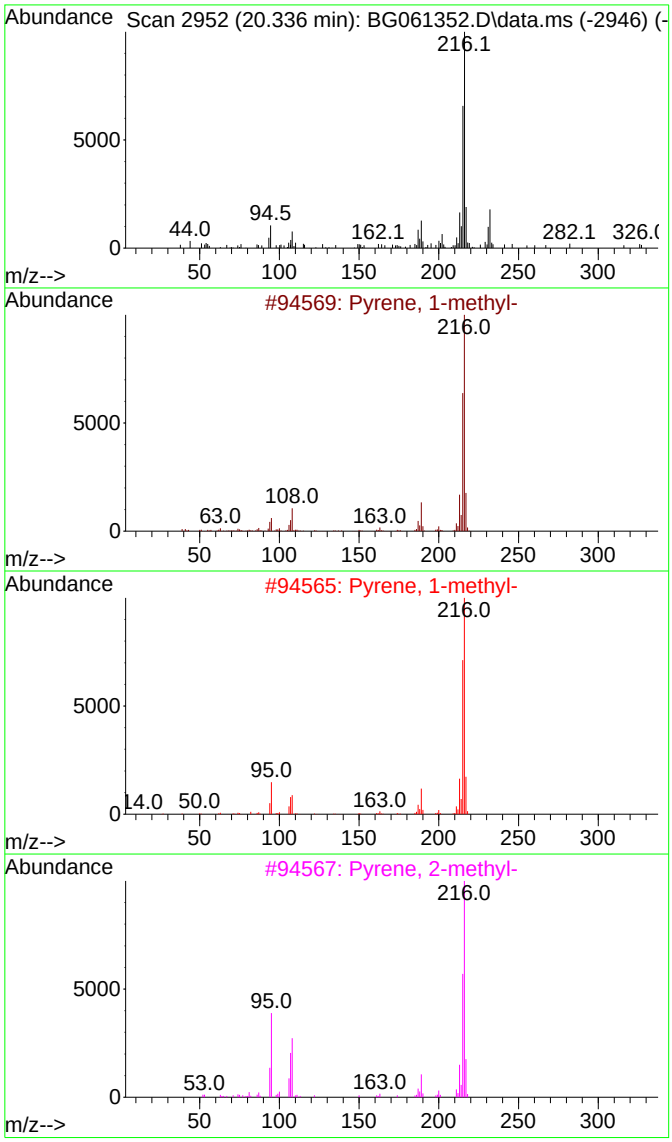
Quant Title : SVOA CALIBRATION

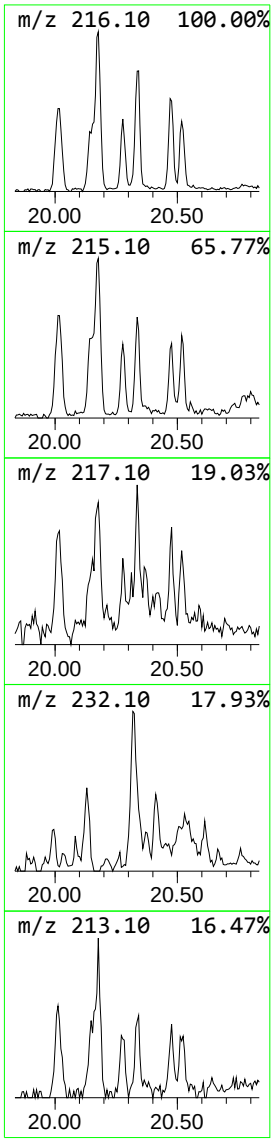
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.336	2.17 ng/ul	92880	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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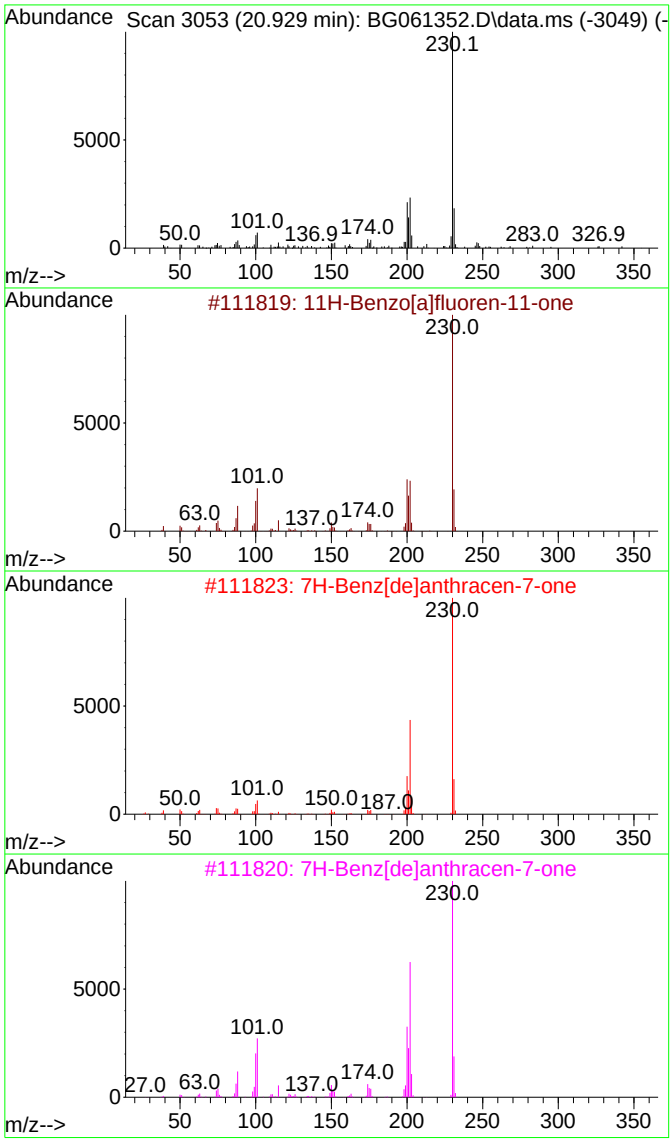
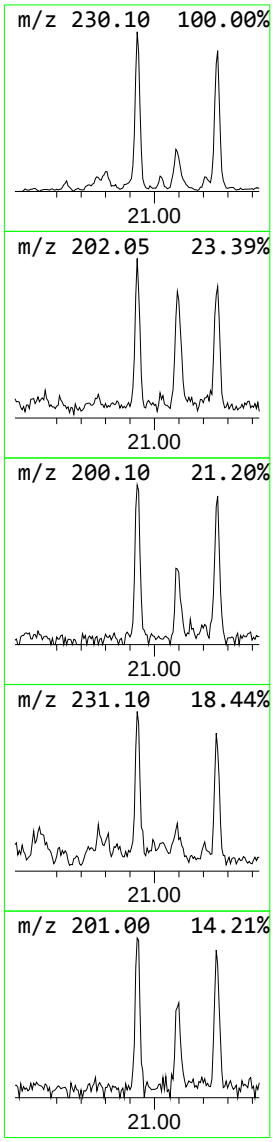
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.929	2.56 ng/ul	109330	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	96
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74





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Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

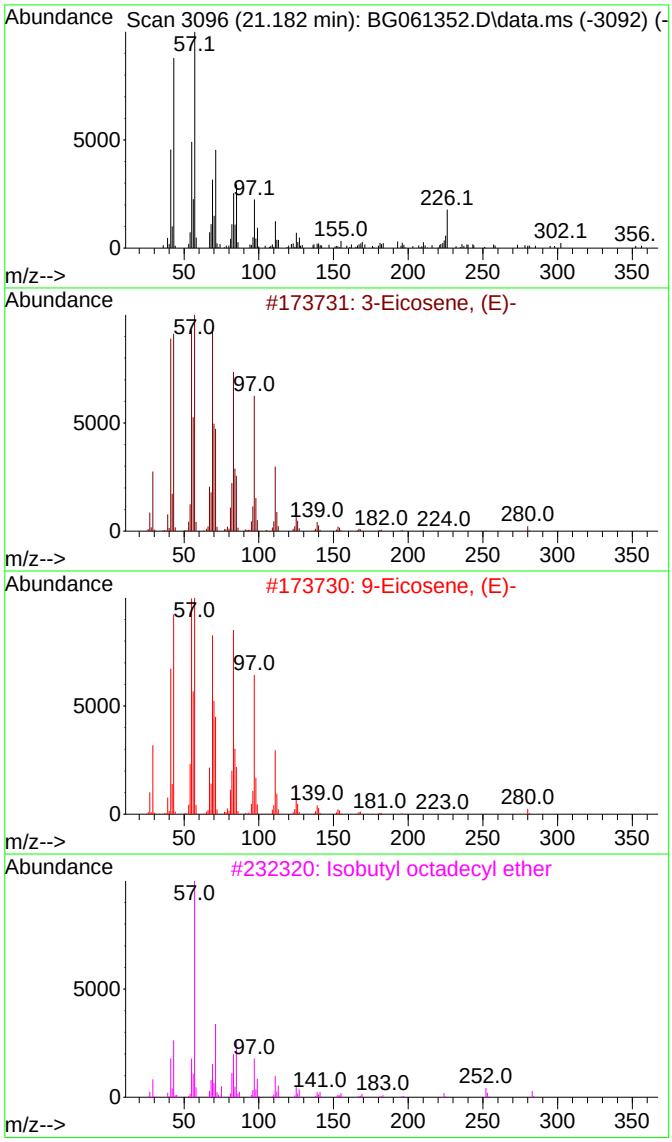
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

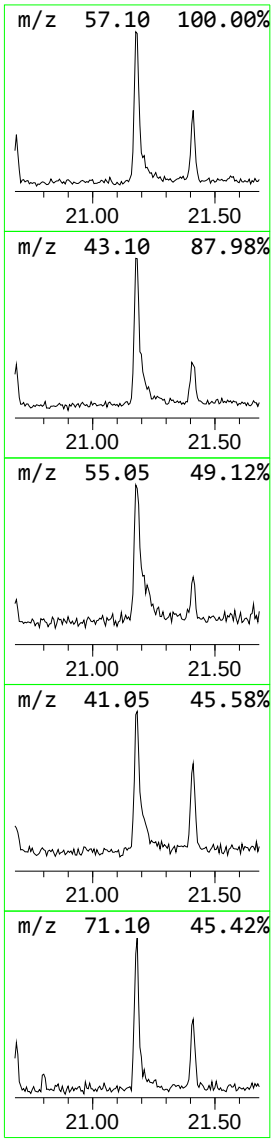
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.182	6.34 ng/ul	271211	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	Isobutyl octadecyl ether	326	C22H46O	1000406-32-9	87
4	Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83





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Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

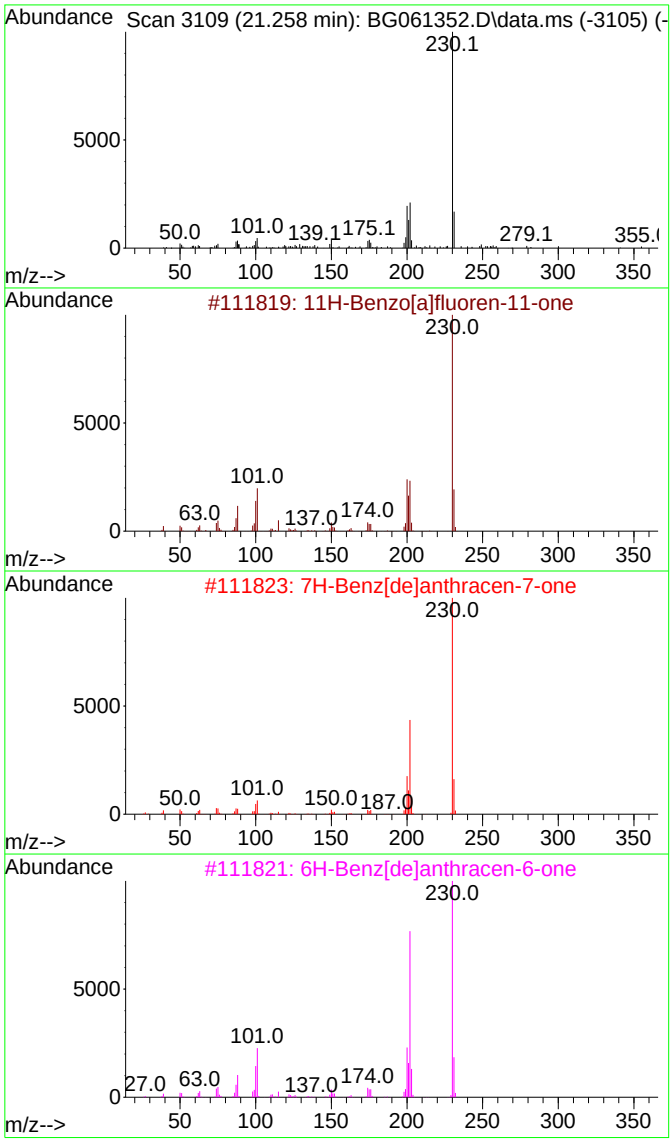
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

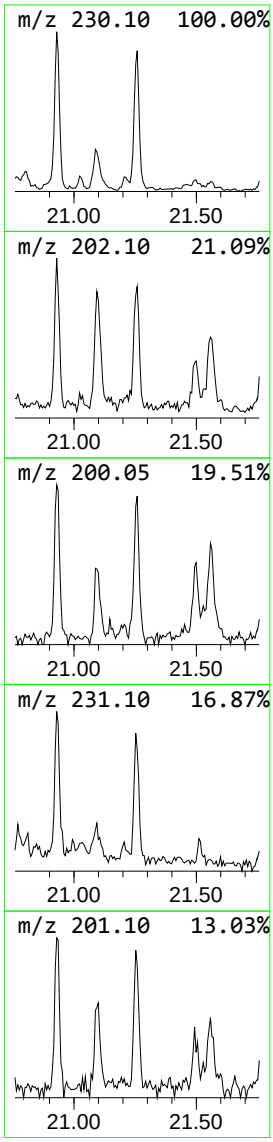
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	2.57 ng/ul	109972	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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

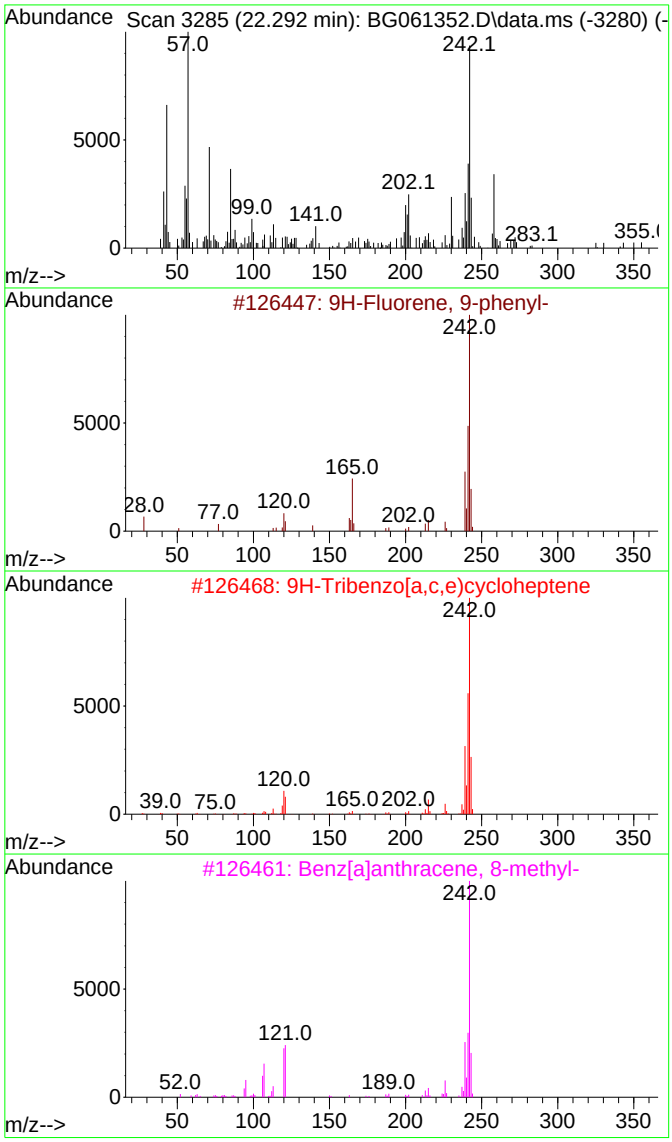
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

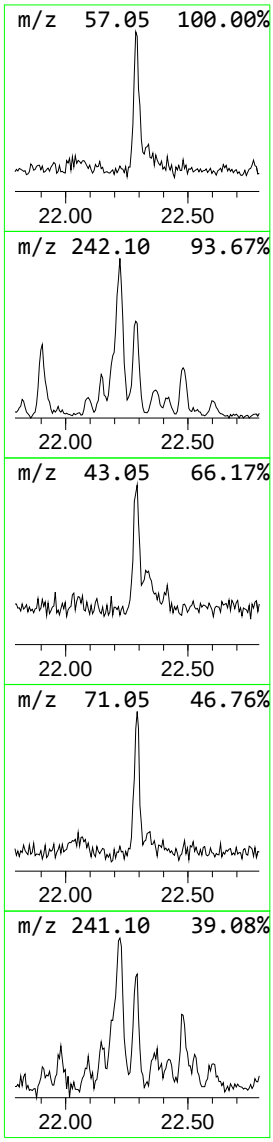
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Fluorene, 9-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.292	2.99 ng/ul	127759	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	70
2	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	55
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	55
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	55
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	53





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Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

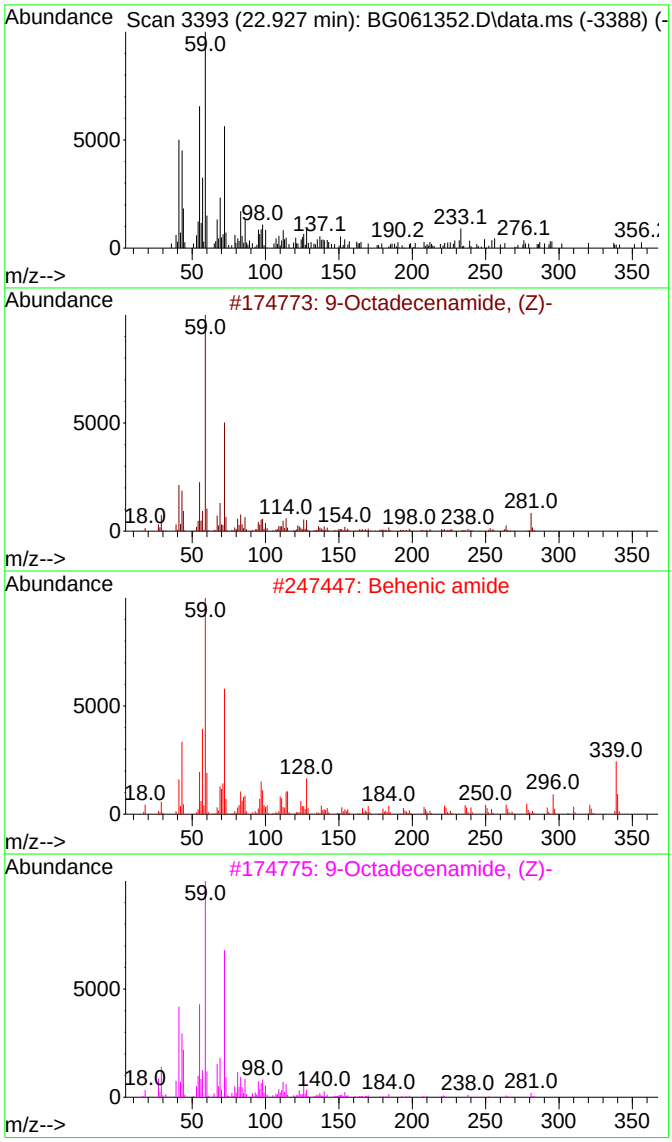
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

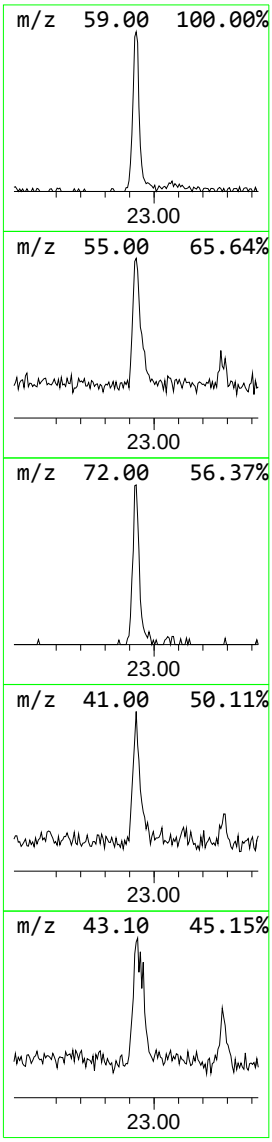
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.927	4.52 ng/ul	193339	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Behenic amide	339	C22H45NO	003061-75-4	64
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59





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Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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

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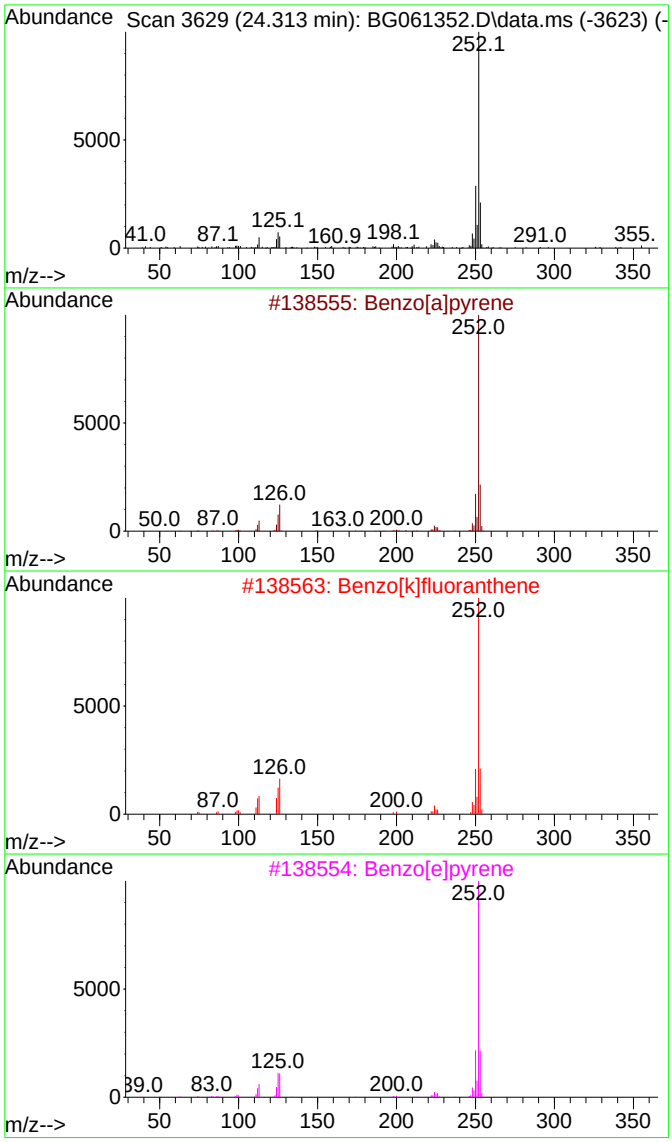
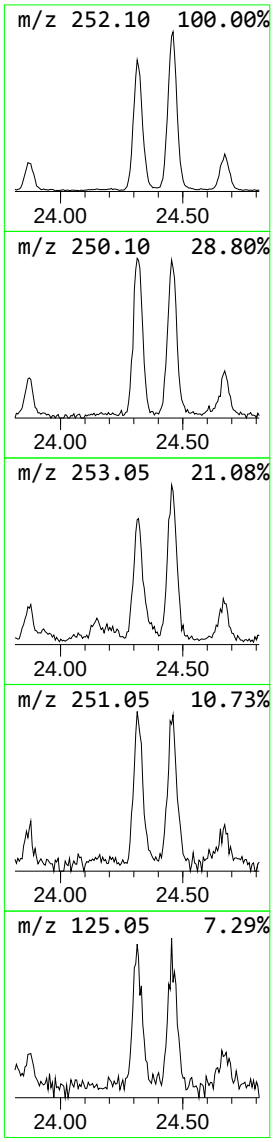
Peak Number 22 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.313	7.14 ng/ul	193655	Perylene-d12	24.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

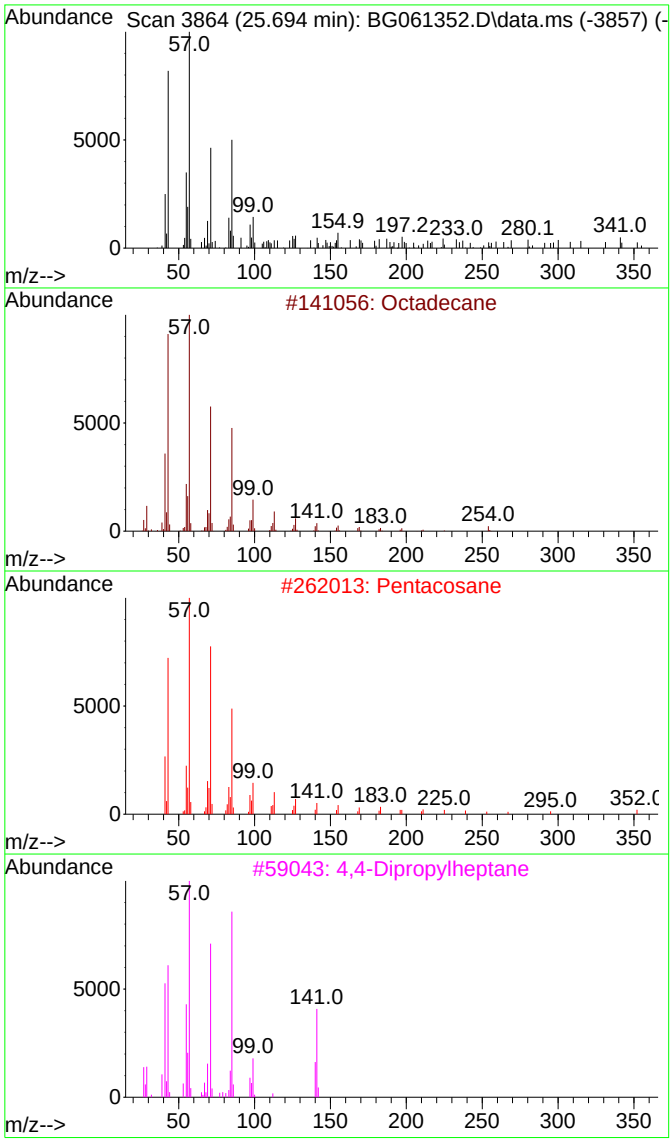
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

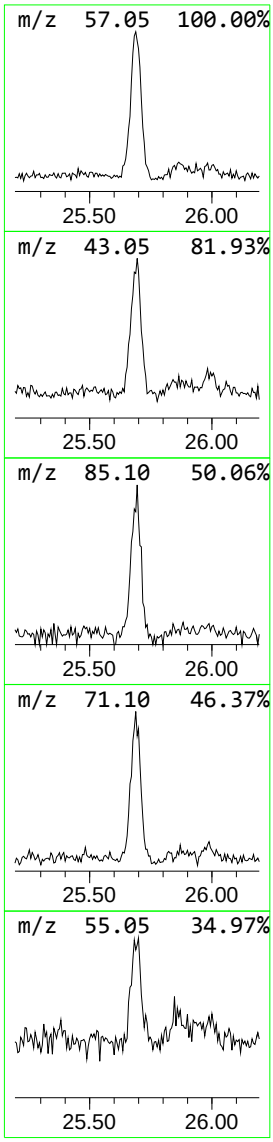
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.694	4.19 ng/ul	113520	Perylene-d12	24.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Pentacosane	352	C25H52	000629-99-2	64
3	4,4-Dipropylheptane	184	C13H28	017312-72-0	52
4	Tetracosane	338	C24H50	000646-31-1	52
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061352.D
Acq On : 30 May 2024 7:43
Operator : MA/JU
Sample : P2571-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH664

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	12.9	ng/ul	90791	1	7.880	140579	20.0
Butane, 2-metho...	3.079	283.1	ng/ul	1990060	1	7.880	140579	20.0
Methacrylamide	3.861	9.0	ng/ul	63400	1	7.880	140579	20.0
3-Penten-1-ol, ...	4.307	14.2	ng/ul	99724	1	7.880	140579	20.0
(DEL) Alkane: C...	4.713	8.2	ng/ul	57526	1	7.880	140579	20.0
(3,3-Dimethylox...	5.083	3.2	ng/ul	22186	1	7.880	140579	20.0
1-Phenoxypropan...	11.417	2.1	ng/ul	22869	2	10.676	219392	20.0
Phenanthrene, 1...	18.144	2.5	ng/ul	46932	4	17.263	383405	20.0
n-Hexadecanoic ...	18.168	3.0	ng/ul	58283	4	17.263	383405	20.0
4H-Cyclopenta[d...	18.332	4.3	ng/ul	82110	4	17.263	383405	20.0
5,16[1',2']:8,1...	18.637	2.3	ng/ul	43971	4	17.263	383405	20.0
9,10-Anthracene...	18.685	3.5	ng/ul	66489	4	17.263	383405	20.0
di-p-Tolylacety...	19.061	3.0	ng/ul	57025	4	17.263	383405	20.0
Cyclopenta(def)...	19.202	3.3	ng/ul	62440	4	17.263	383405	20.0
11H-Benzo[b]flu...	20.177	2.6	ng/ul	110417	5	21.517	855306	20.0
Pyrene, 1-methyl-	20.336	2.2	ng/ul	92880	5	21.517	855306	20.0
11H-Benzo[a]flu...	20.929	2.6	ng/ul	109330	5	21.517	855306	20.0
(DEL) Alkane: S...	21.182	6.3	ng/ul	271211	5	21.517	855306	20.0
7H-Benz[de]anth...	21.258	2.6	ng/ul	109972	5	21.517	855306	20.0
9H-Fluorene, 9-...	22.292	3.0	ng/ul	127759	5	21.517	855306	20.0
9-Octadecenamid...	22.927	4.5	ng/ul	193339	5	21.517	855306	20.0
Benzo[e]pyrene	24.313	7.1	ng/ul	193655	6	24.601	542428	20.0
(DEL) Alkane: S...	25.694	4.2	ng/ul	113520	6	24.601	542428	20.0