Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057249.D
Acq On : 1 May 2023 12:41
Operator : CG/JU
Sample : 02418-29 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW903

Quant Time: May 01 22:28:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.380	152	16029	20.000	ng/ul		0.00
20) Naphthalene-d8	11.218	136	70889	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.995	164	55594	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.732	188	133440	20.000	ng/ul		0.00
79) Chrysene-d12	22.050	240	114250	20.000	ng/ul	#	0.00
88) Perylene-d12	25.569	264	120612	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	4.109	84	448	0.390	ng/ul		0.01
7) Phenol-d5	7.517	99	3898	2.571	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.681	67	2806	3.147	ng/ul		0.00
11) 2-Chlorophenol-d4	7.910	132	3278	3.281	ng/ul		0.00
15) 4-Methylphenol-d8	9.085	113	2481	2.153	ng/ul		0.00
21) Nitrobenzene-d5	9.555	128	1650	2.923	ng/ul		0.00
24) 2-Nitrophenol-d4	10.295	143	2051	3.113	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.836	165	3880	3.052	ng/ul		0.00
31) 4-Chloroaniline-d4	11.358	131	720	0.427	ng/ul		0.01
46) Dimethylphthalate-d6	14.378	166	14602	3.315	ng/ul		0.00
49) Acenaphthylene-d8	14.689	160	16087	3.249	ng/ul		0.00
54) 4-Nitrophenol-d4	15.189	143	1014	1.581	ng/ul		0.01
60) Fluorene-d10	15.976	176	12833	3.127	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.099	200	916	1.159	ng/ul		0.00
73) Anthracene-d10	17.832	188	21162	3.474	ng/ul		0.00
81) Pyrene-d10	20.100	212	23408	3.452	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.322	264	21010	3.419	ng/ul		0.00
Target Compounds							Qvalue
52) Acenaphthene	15.059	153	4213	1.175	ng/ul		87
61) Fluorene	16.035	166	7199	1.645	ng/ul		93
72) Phenanthrene	17.779	178	120247	17.304	ng/ul		99
74) Anthracene	17.867	178	25490	3.652	ng/ul		97
77) Carbazole	18.132	167	9218	1.580	ng/ul		94
80) Fluoranthene	19.765	202	303029	37.617	ng/ul	#	96
82) Pyrene	20.129	202	254295	31.183	ng/ul		98
85) Benzo(a)anthracene	22.026	228	146669	18.151	ng/ul		99
87) Chrysene	22.097	228	139094	18.245	ng/ul		98
90) Benzo(b)fluoranthene	24.447	252	203516	24.366	ng/ul		99
91) Benzo(k)fluoranthene	24.447	252	203516	25.046	ng/ul		98
93) Benzo(a)pyrene	25.398	252	132274	18.344	ng/ul		98
94) Indeno(1,2,3-cd)pyrene	29.616	276	92529	10.265	ng/ul		97
95) Dibenzo(a,h)anthracene	29.640	278	8357	1.118	ng/ul	#	95
96) Benzo(g,h,i)perylene	30.909	276	76759	10.522	ng/ul	#	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057249.D
Acq On : 1 May 2023 12:41
Operator : CG/JU
Sample : 02418-29 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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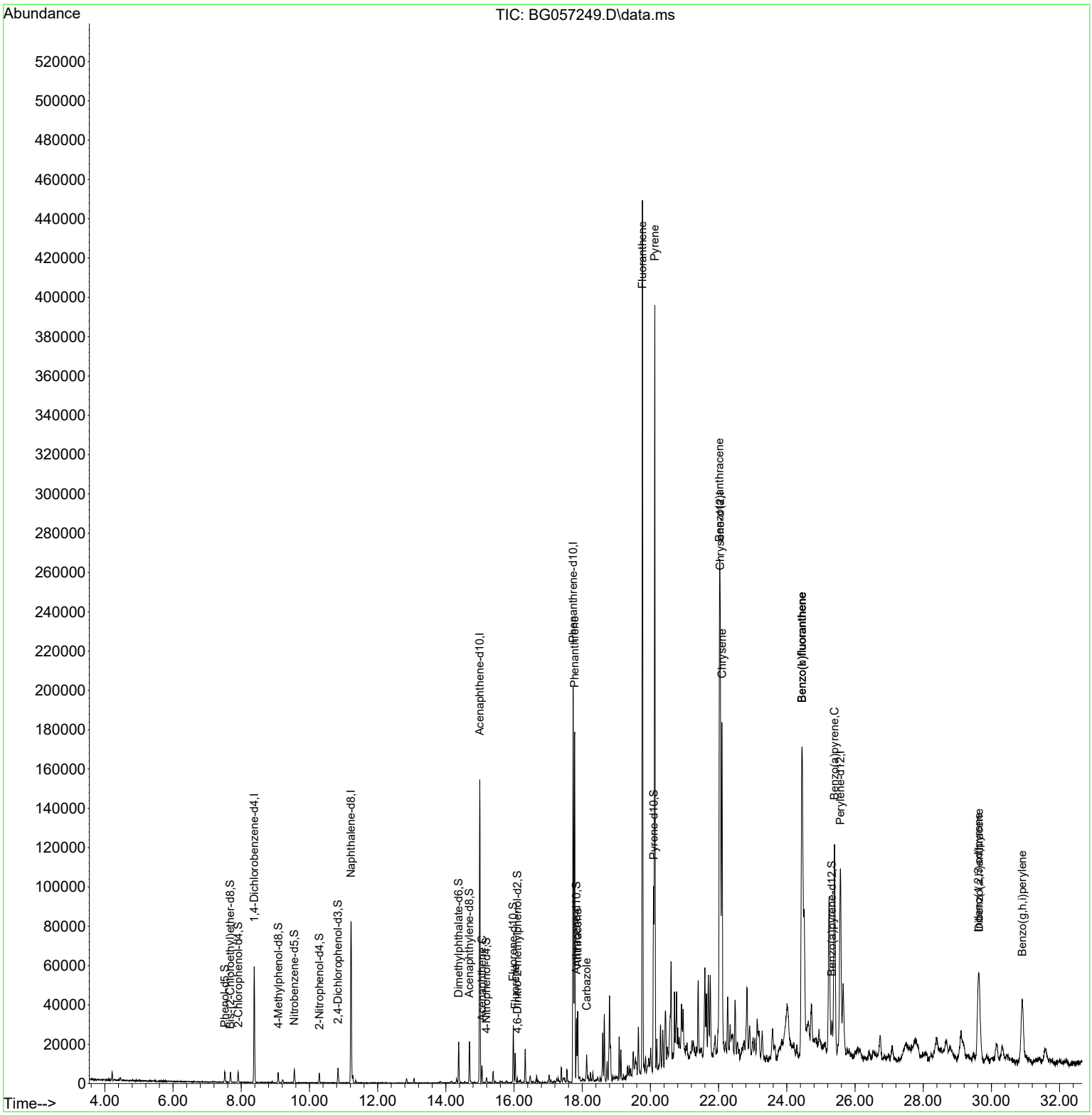
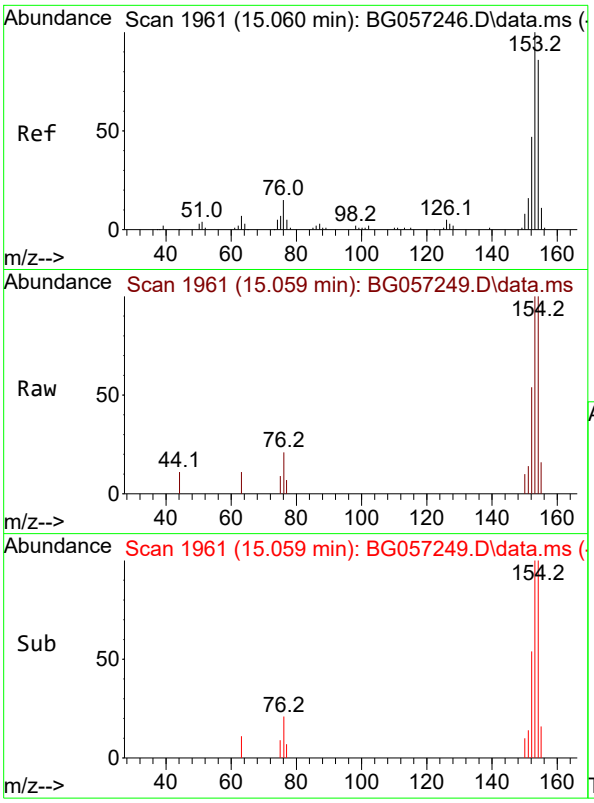
Quant Time: May 01 22:28:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



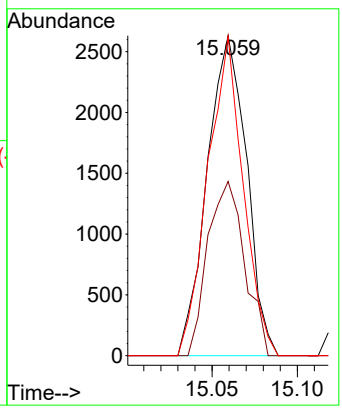


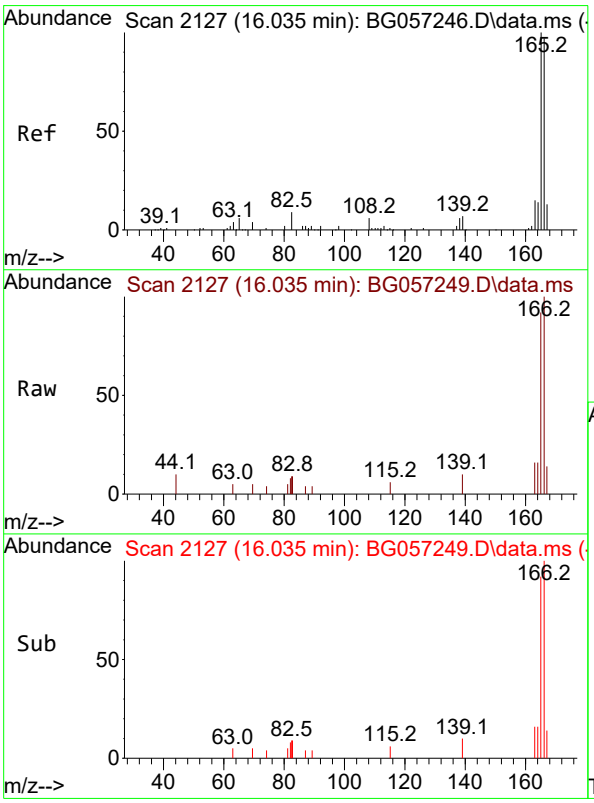
#52
Acenaphthene
Concen: 1.175 ng/ul
RT: 15.059 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:153 Resp: 4213

Ion	Ratio	Lower	Upper
153	100		
152	54.4	36.5	54.7
154	99.7	70.6	106.0

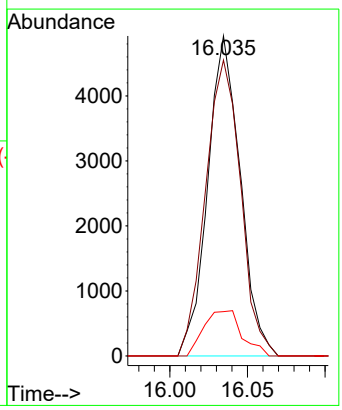


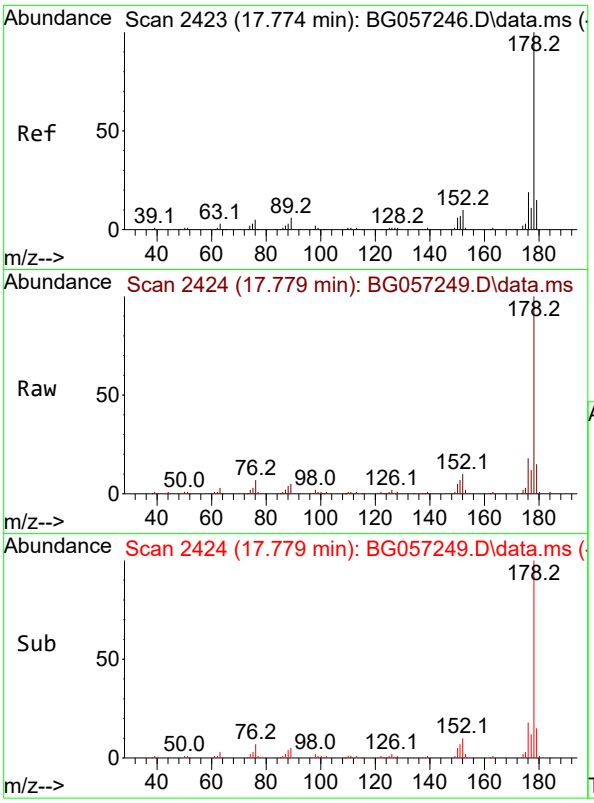


#61
Fluorene
Concen: 1.645 ng/ul
RT: 16.035 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:166 Resp: 7199

Ion	Ratio	Lower	Upper
166	100		
165	92.5	80.1	120.1
167	13.8	10.2	15.4



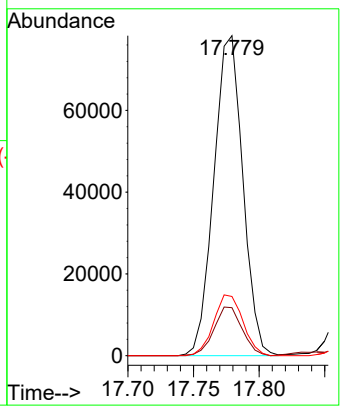


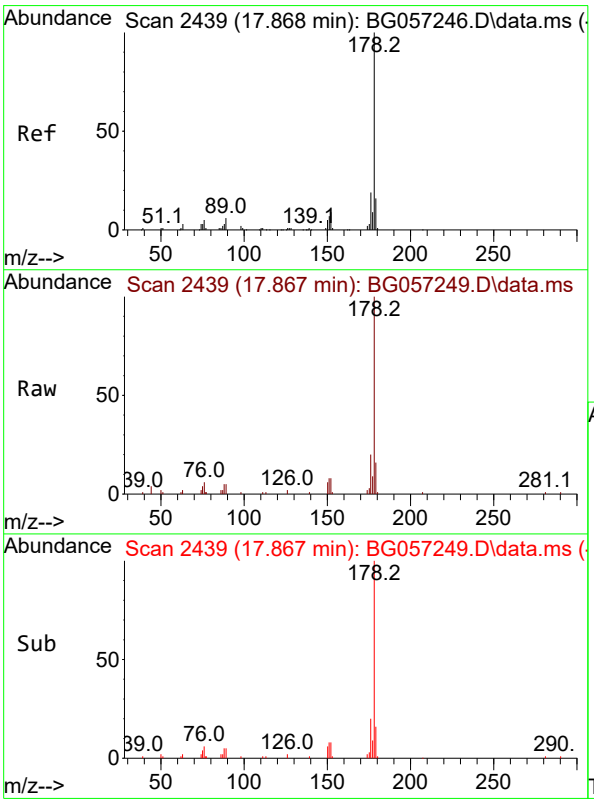
#72
Phenanthrene
Concen: 17.304 ng/ul
RT: 17.779 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:178 Resp: 120247

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.5	15.4	23.0

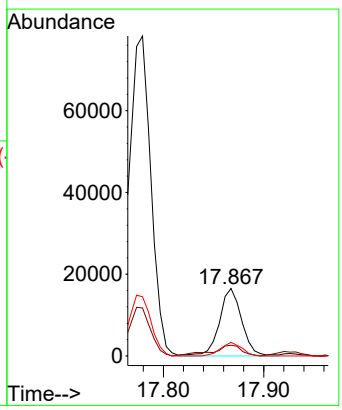


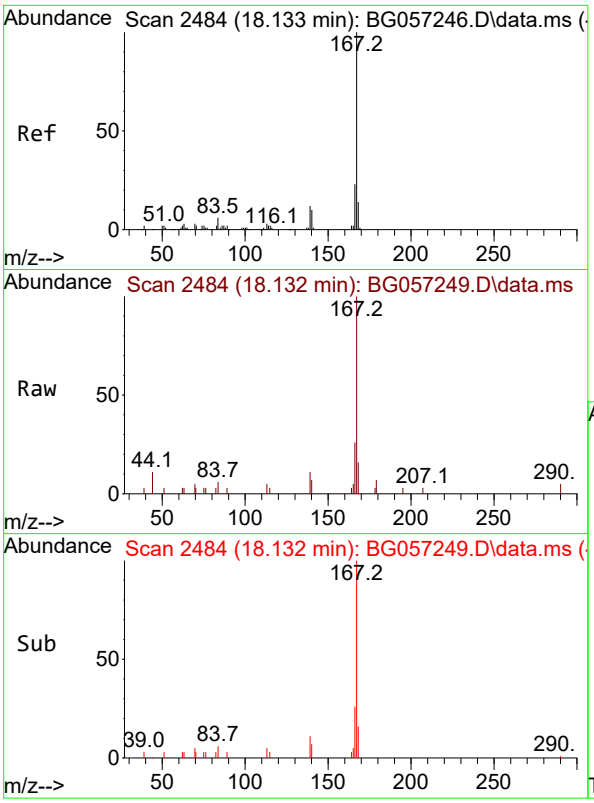


#74
Anthracene
Concen: 3.652 ng/ul
RT: 17.867 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:178 Resp: 25490

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	20.2	14.7	22.1



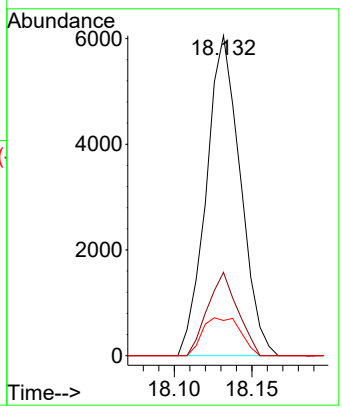


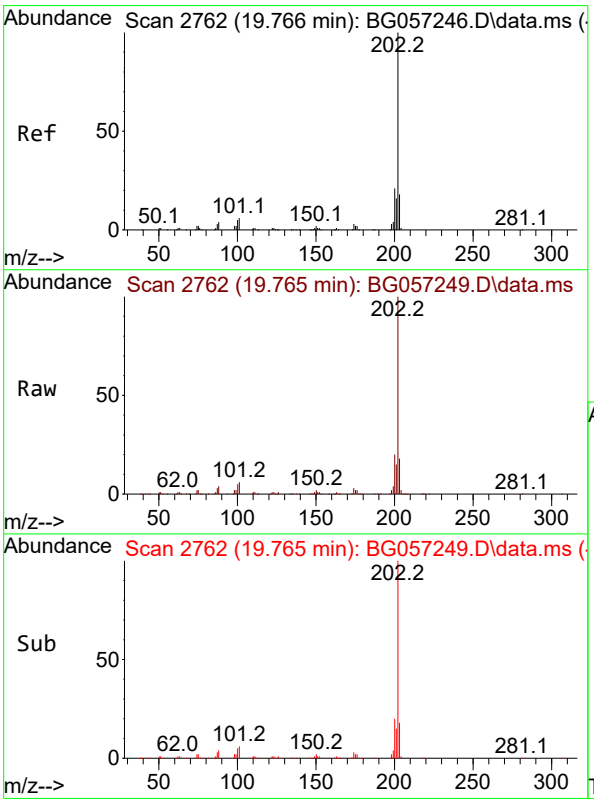
#77
Carbazole
Concen: 1.580 ng/ul
RT: 18.132 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:167 Resp: 9218

Ion	Ratio	Lower	Upper
167	100		
166	26.1	18.0	27.0
139	11.0	10.3	15.5

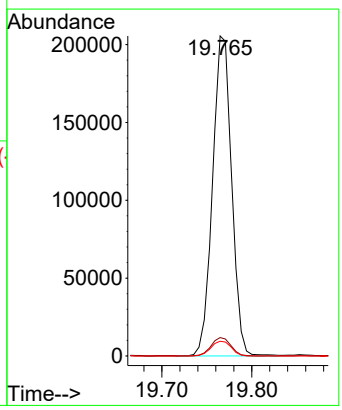


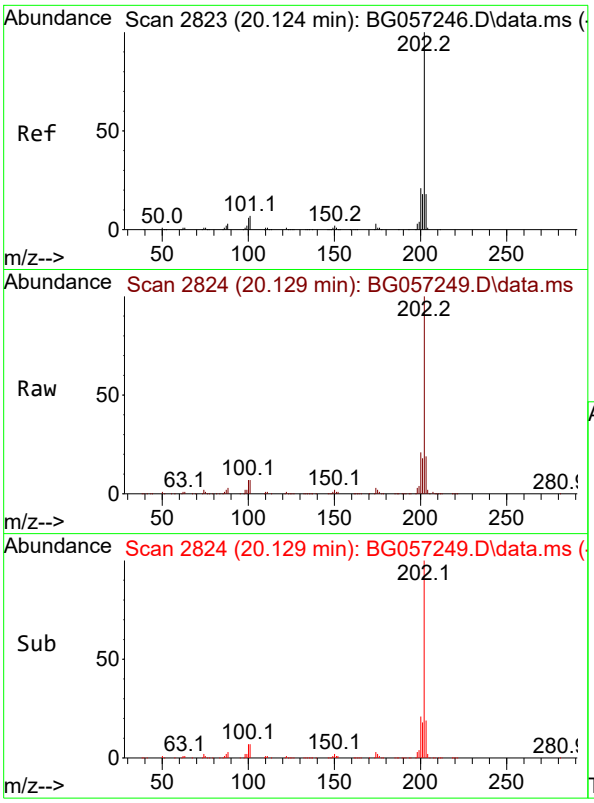


#80
Fluoranthene
Concen: 37.617 ng/ul
RT: 19.765 min Scan# 2762
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:202 Resp: 303029

Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.8	8.6#
100	4.6	4.6	7.0#



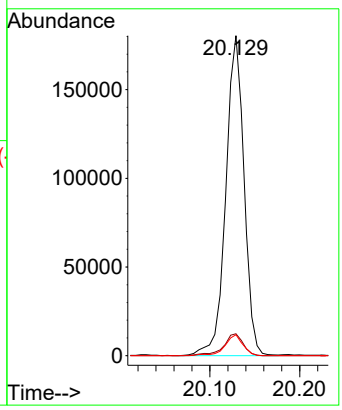


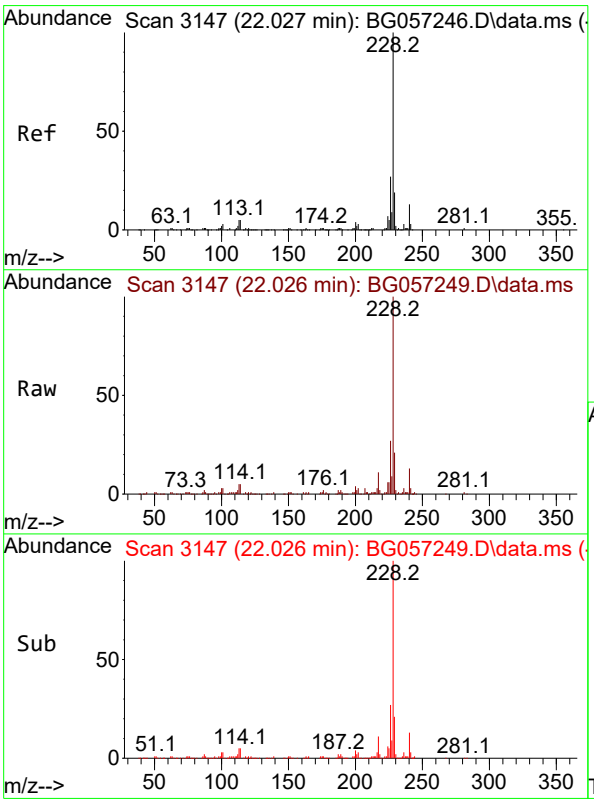
#82
Pyrene
Concen: 31.183 ng/ul
RT: 20.129 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:202 Resp: 254295

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.7	8.5
100	6.5	6.0	9.0

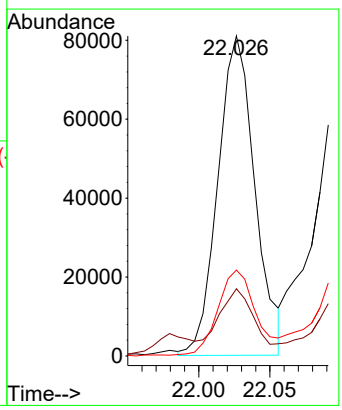


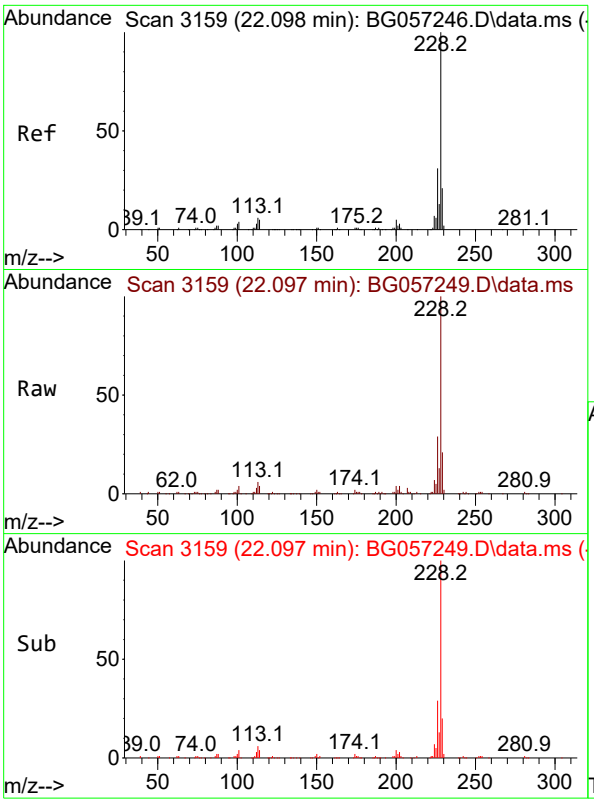


#85
Benzo(a)anthracene
Concen: 18.151 ng/ul
RT: 22.026 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:228 Resp: 146669

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	26.9	21.7	32.5



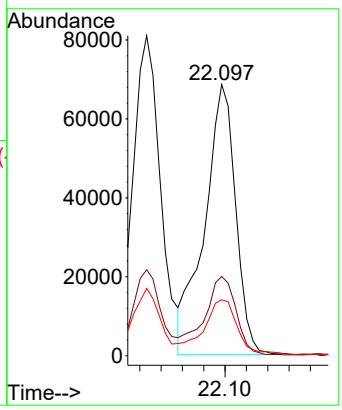


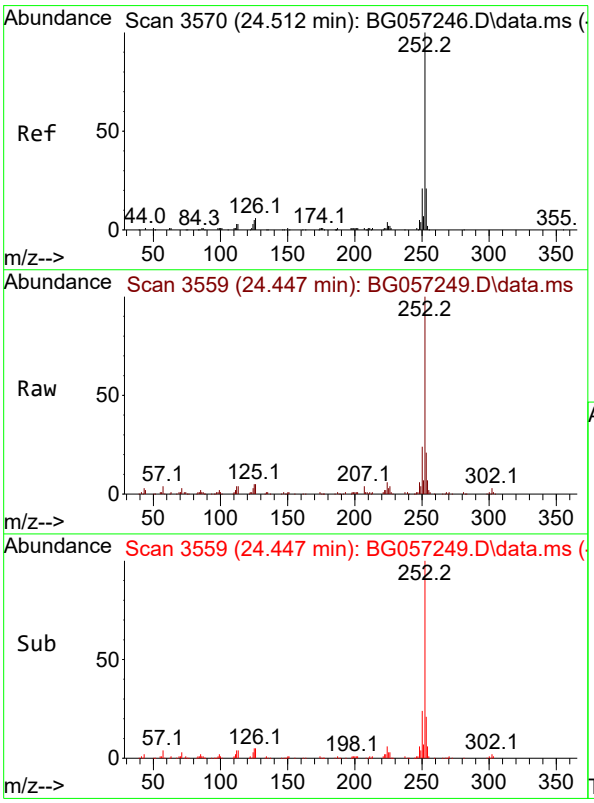
#87
Chrysene
Concen: 18.245 ng/ul
RT: 22.097 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:228 Resp: 139094

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	20.6	15.5	23.3

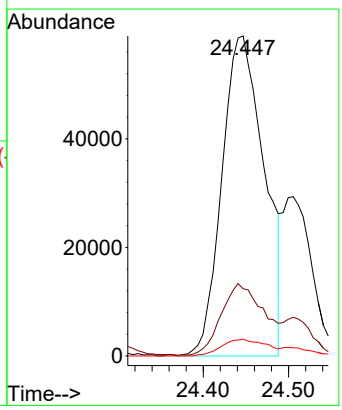


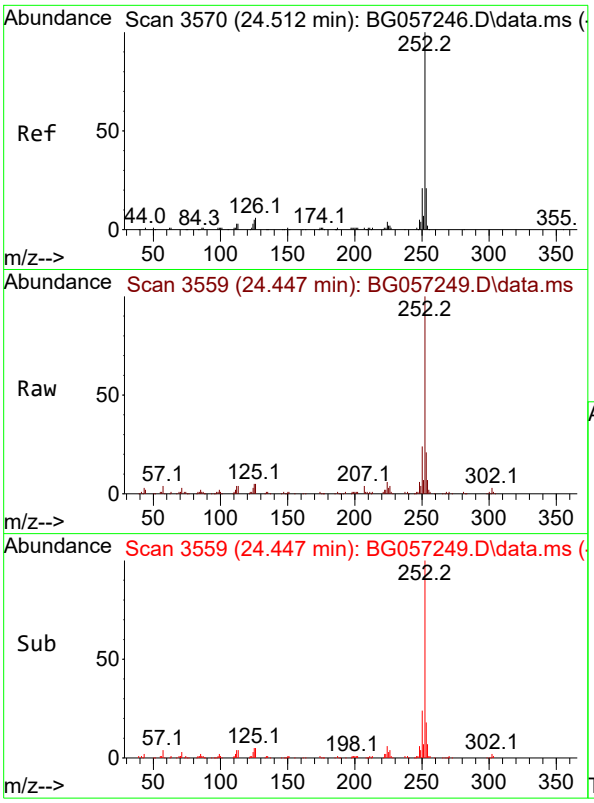


#90
Benzo(b)fluoranthene
Concen: 24.366 ng/ul
RT: 24.447 min Scan# 3559
Delta R.T. 0.011 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:252 Resp: 203516

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.7	25.1
125	5.2	4.8	7.2



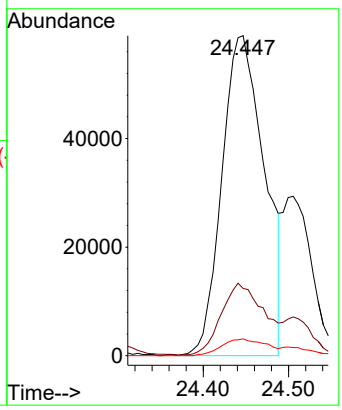


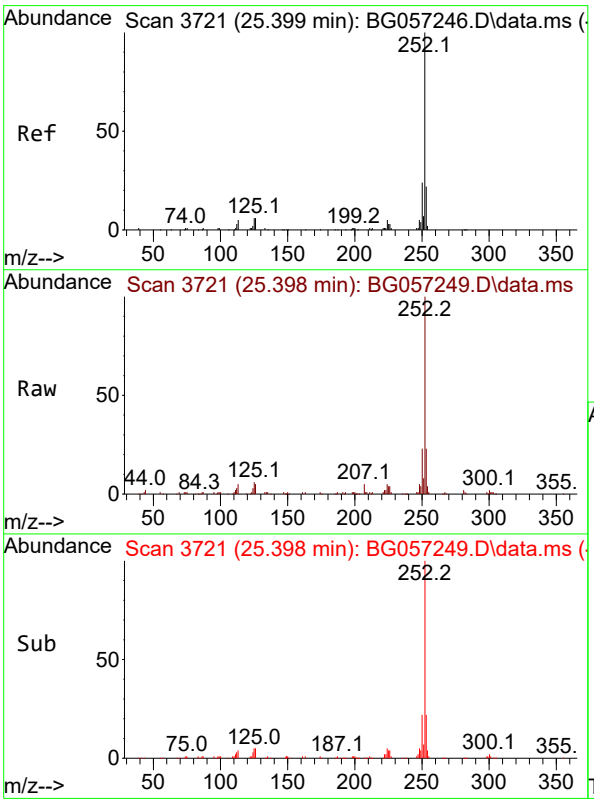
#91
Benzo(k)fluoranthene
Concen: 25.046 ng/ul
RT: 24.447 min Scan# 3
Delta R.T. -0.066 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:252 Resp: 203516

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	5.2	4.5	6.7

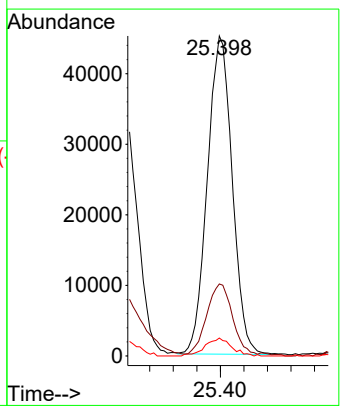


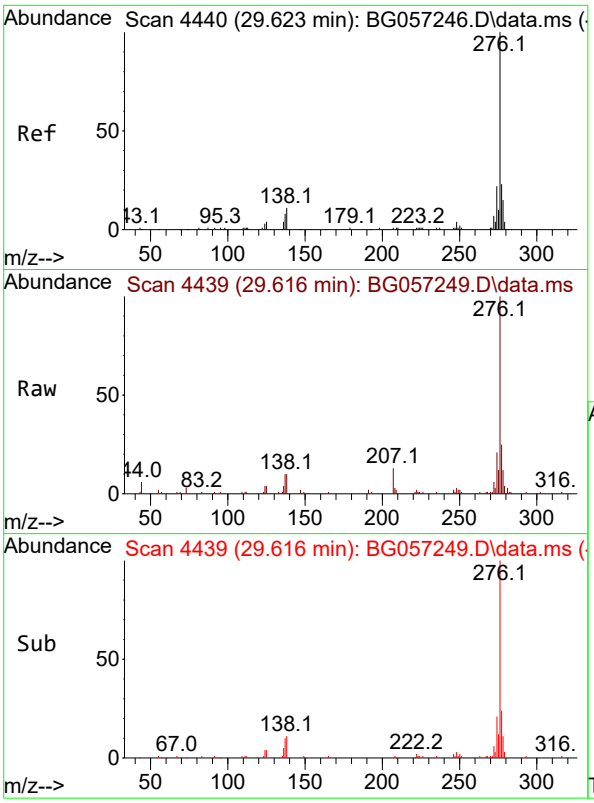


#93
Benzo(a)pyrene
Concen: 18.344 ng/ul
RT: 25.398 min Scan# 3721
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:252 Resp: 132274

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	5.6	5.1	7.7



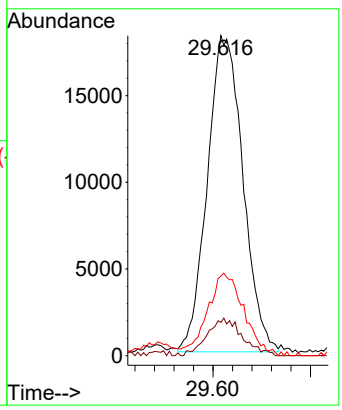


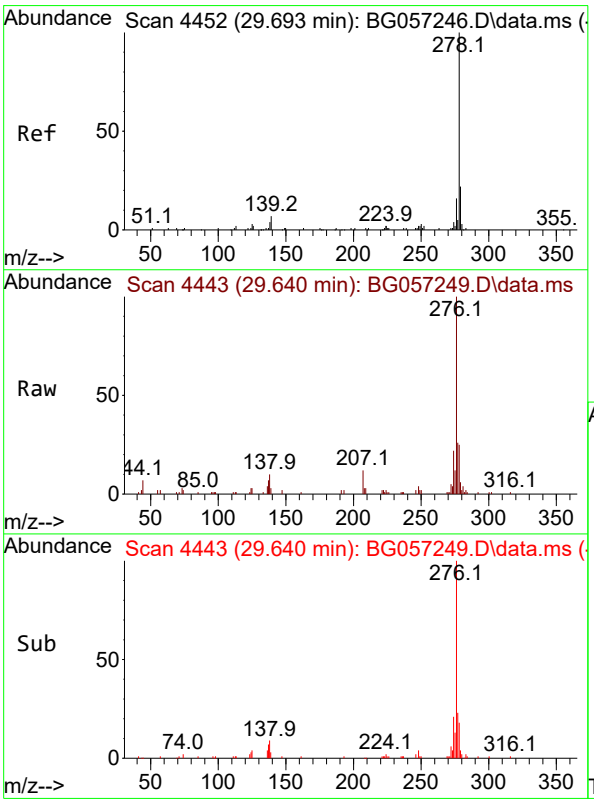
#94
Indeno(1,2,3-cd)pyrene
Concen: 10.265 ng/ul
RT: 29.616 min Scan# 4
Delta R.T. -0.007 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:276 Resp: 92529

Ion	Ratio	Lower	Upper
276	100		
138	10.4	9.4	14.2
277	24.9	18.6	28.0

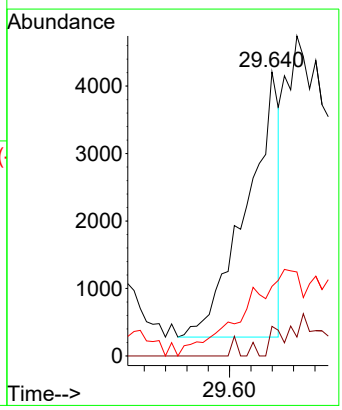


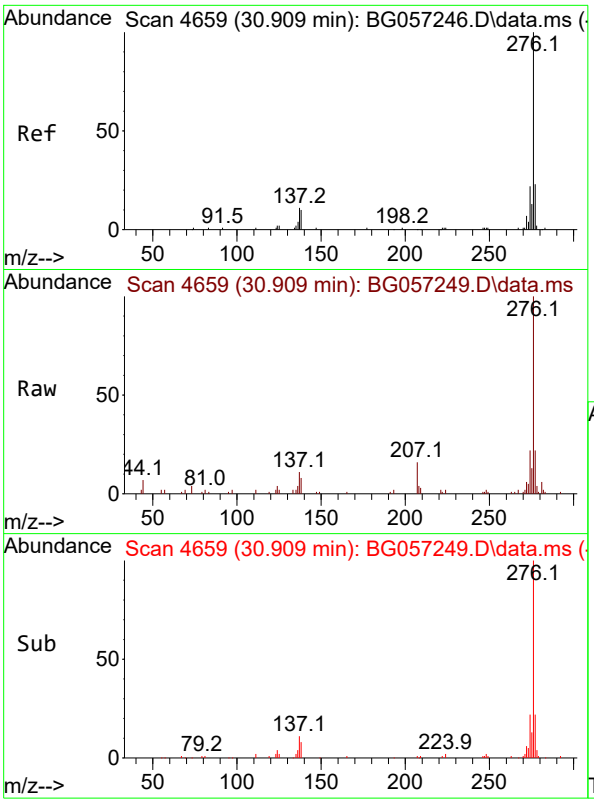


#95
Dibenzo(a,h)anthracene
Concen: 1.118 ng/ul
RT: 29.640 min Scan# 4443
Delta R.T. -0.054 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Tgt Ion:278 Resp: 8357

Ion	Ratio	Lower	Upper
278	100		
139	10.5	5.8	8.6#
279	24.5	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 10.522 ng/ul
RT: 30.909 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG057249.D
Acq: 1 May 2023 12:41

Instrument :
BNA_G
ClientSampleId :
EW903

Tgt Ion:276 Resp: 76759

Ion	Ratio	Lower	Upper
276	100		
138	8.1	8.7	13.1#
277	22.4	18.4	27.6