Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057300.D
Acq On : 4 May 2023 12:36
Operator : CG/JU
Sample : 02447-23DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW941DL

Quant Time: May 05 01:43:33 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	8.376	152	10958	20.000	ng/ul	0.00
20) Naphthalene-d8	11.213	136	47834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.990	164	44890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.734	188	125986	20.000	ng/ul	0.00
79) Chrysene-d12	22.045	240	103395	20.000	ng/ul	# 0.00
88) Perylene-d12	25.570	264	108221	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	4.087	84	640	0.815	ng/ul	-0.01
7) Phenol-d5	7.518	99	3356	3.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	1971	3.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.912	132	2368	3.467	ng/ul	0.00
15) 4-Methylphenol-d8	9.081	113	2498	3.172	ng/ul	0.00
21) Nitrobenzene-d5	9.550	128	1262	3.313	ng/ul	0.00
24) 2-Nitrophenol-d4	10.291	143	1573	3.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.837	165	3094	3.607	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	2246	1.976	ng/ul	0.00
46) Dimethylphthalate-d6	14.373	166	13736	3.862	ng/ul	0.00
49) Acenaphthylene-d8	14.691	160	14209	3.554	ng/ul	0.00
54) 4-Nitrophenol-d4	15.190	143	651	1.257	ng/ul	0.01
60) Fluorene-d10	15.977	176	12515	3.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.100	200	983	1.317	ng/ul	0.00
73) Anthracene-d10	17.828	188	21868	3.803	ng/ul	0.00
81) Pyrene-d10	20.095	212	26782	4.364	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.317	264	23263	4.219	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	15.055	153	10059	3.475	ng/ul	90
56) Dibenzofuran	15.384	168	6924	1.657	ng/ul	96
61) Fluorene	16.030	166	13971	3.953	ng/ul	92
72) Phenanthrene	17.775	178	267539	40.779	ng/ul	99
74) Anthracene	17.863	178	68548	10.401	ng/ul	99
77) Carbazole	18.127	167	20375	3.700	ng/ul	99
80) Fluoranthene	19.766	202	409955	56.233	ng/ul#	96
82) Pyrene	20.124	202	315708	42.778	ng/ul#	97
85) Benzo(a)anthracene	22.022	228	142769	19.524	ng/ul	99
87) Chrysene	22.092	228	128444	18.617	ng/ul	97
90) Benzo(b)fluoranthene	24.436	252	177541	23.690	ng/ul	96
91) Benzo(k)fluoranthene	24.507	252	54210	7.435	ng/ul	97
93) Benzo(a)pyrene	25.400	252	129214	19.971	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.617	276	40138	4.963	ng/ul	99
96) Benzo(g,h,i)perylene	30.910	276	72434	11.066	ng/ul	99

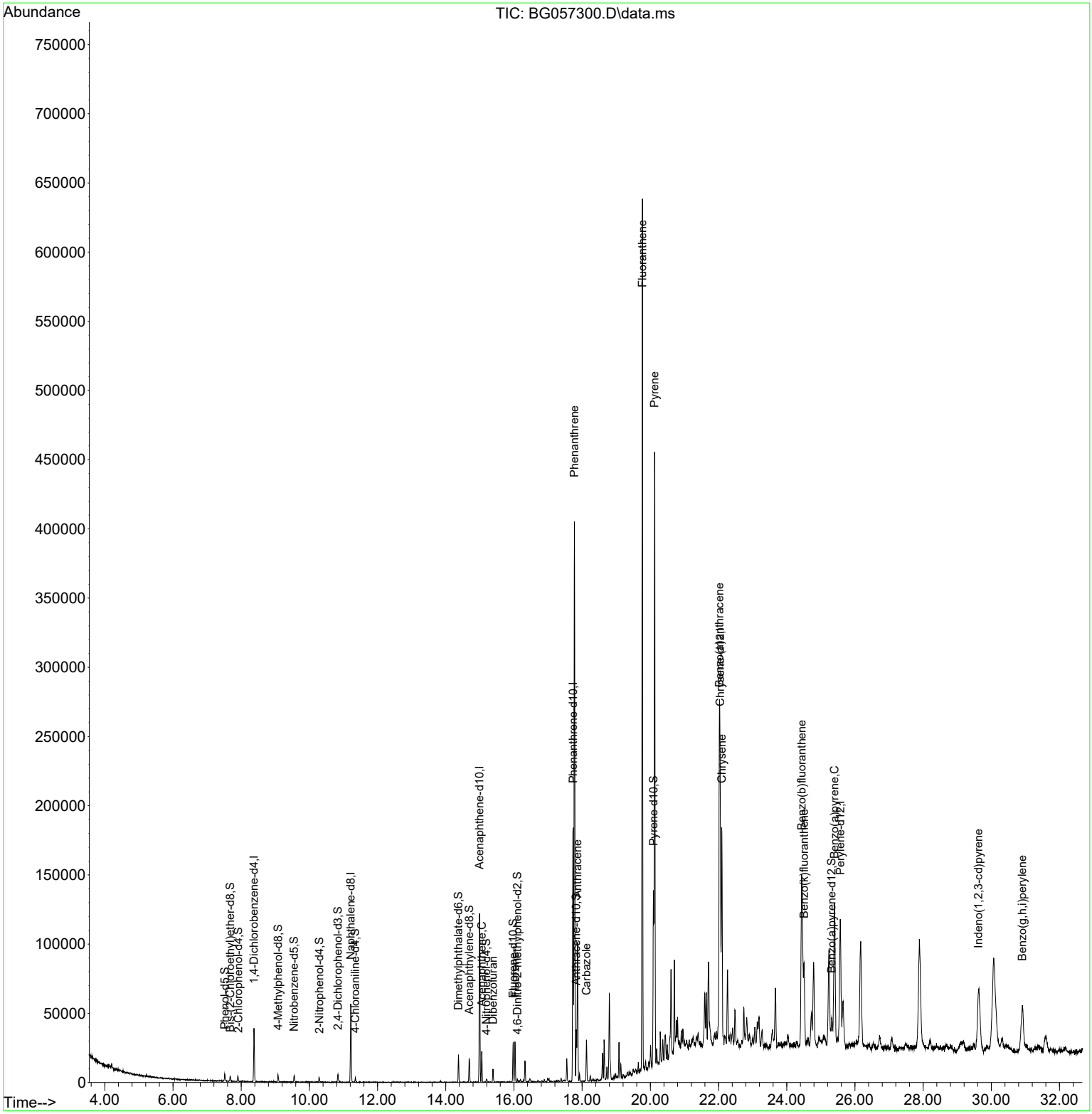
(#) = qualifier out of range (m) = manual integration (+) = signals summed

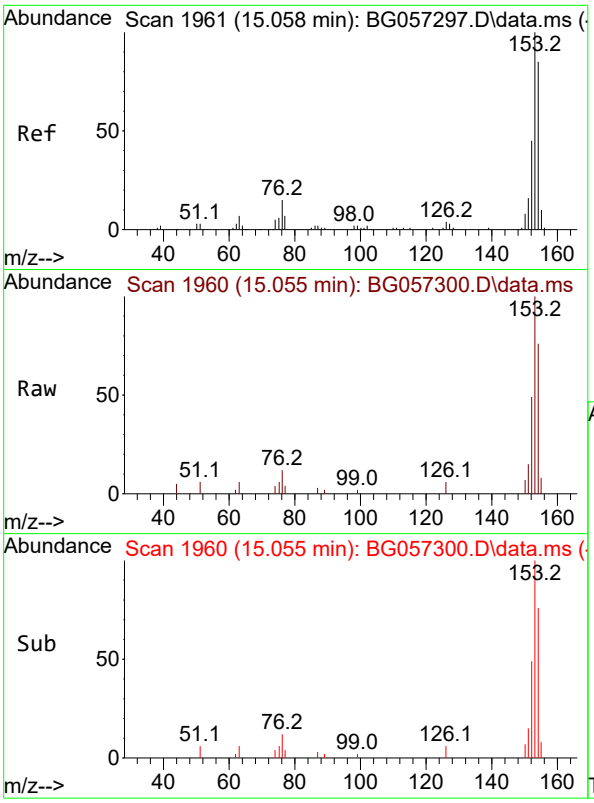
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057300.D
Acq On : 4 May 2023 12:36
Operator : CG/JU
Sample : 02447-23DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW941DL

Quant Time: May 05 01:43:33 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



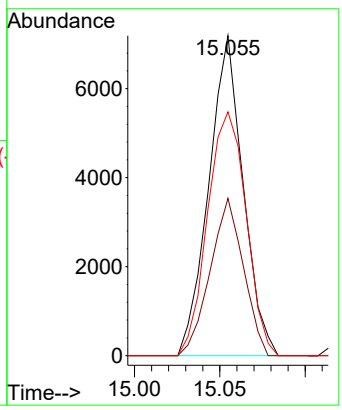


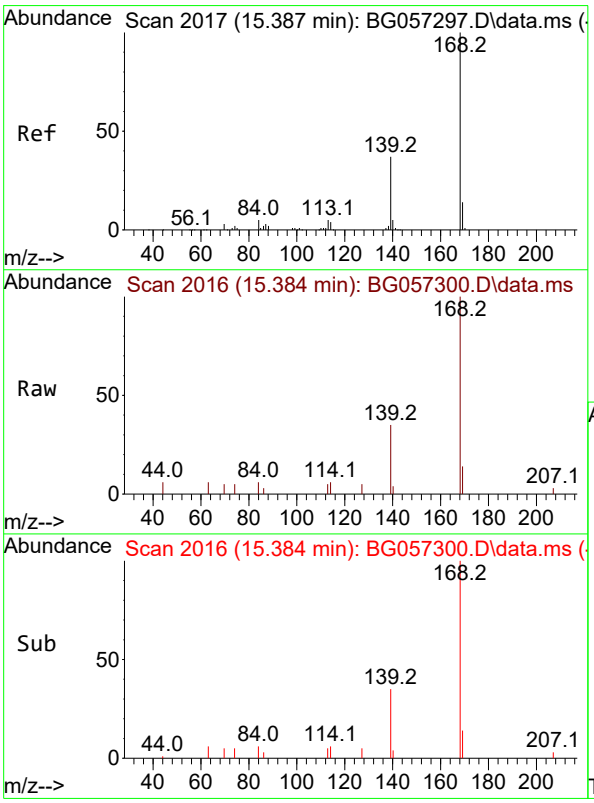
#52
Acenaphthene
Concen: 3.475 ng/ul
RT: 15.055 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:153 Resp: 10059

Ion	Ratio	Lower	Upper
153	100		
152	49.2	36.5	54.7
154	76.2	70.6	106.0

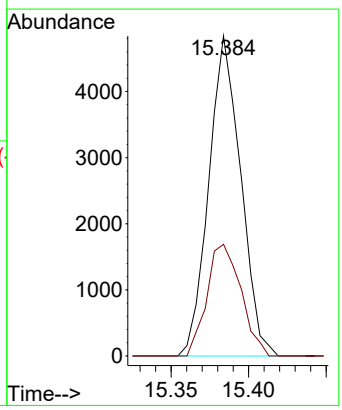


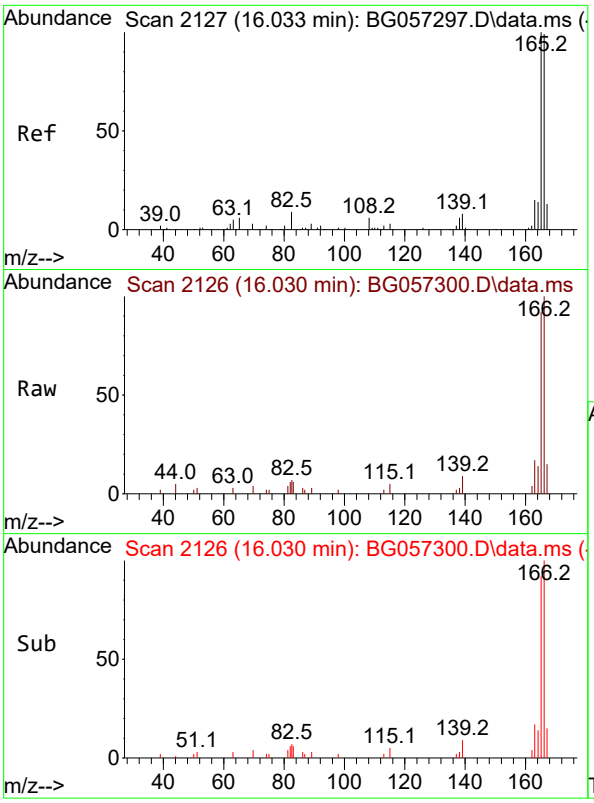


#56
Dibenzofuran
Concen: 1.657 ng/ul
RT: 15.384 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:168 Resp: 6924

Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.6	44.4



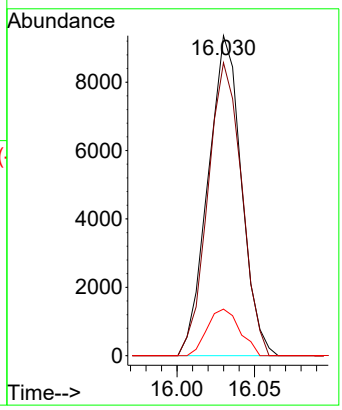


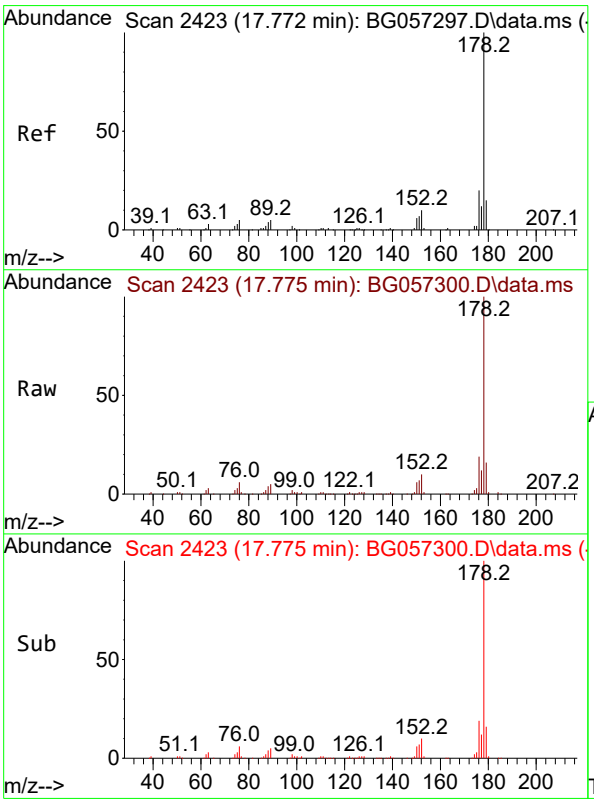
#61
Fluorene
Concen: 3.953 ng/ul
RT: 16.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:166 Resp: 13971

Ion	Ratio	Lower	Upper
166	100		
165	91.5	80.1	120.1
167	14.5	10.2	15.4

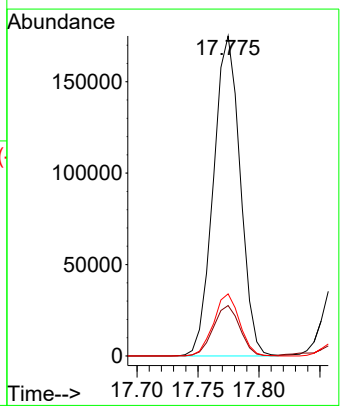


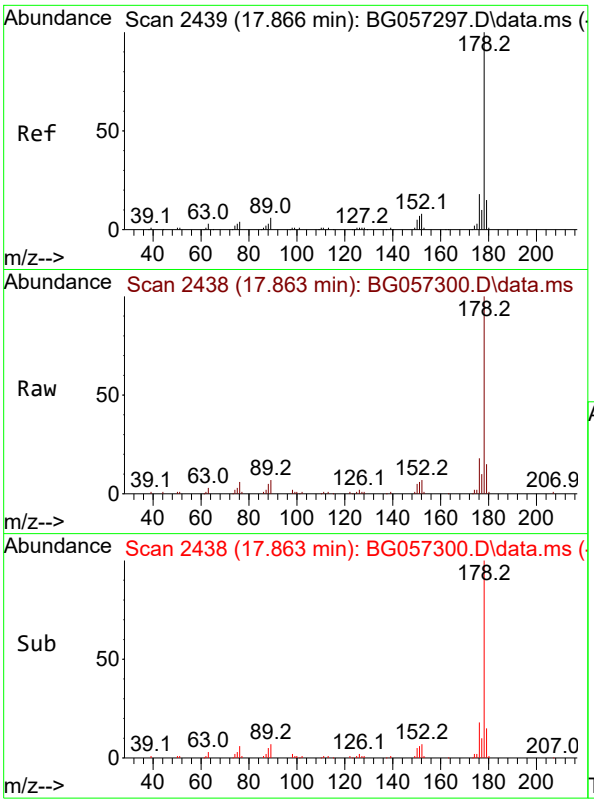


#72
Phenanthrene
Concen: 40.779 ng/ul
RT: 17.775 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:178 Resp: 267539

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.4	15.4	23.0



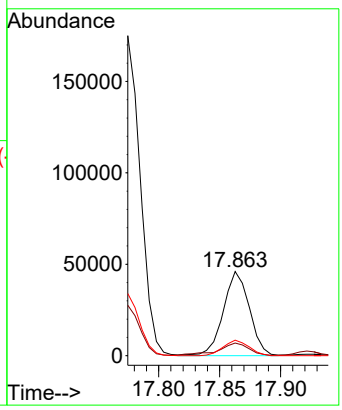


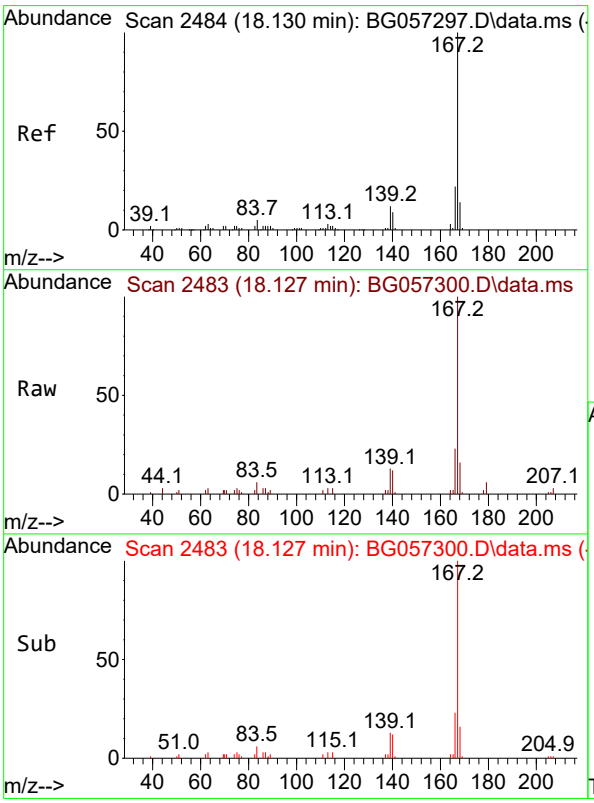
#74
Anthracene
Concen: 10.401 ng/ul
RT: 17.863 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:178 Resp: 68548

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	18.4	14.7	22.1

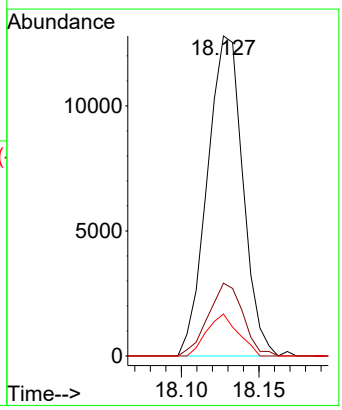


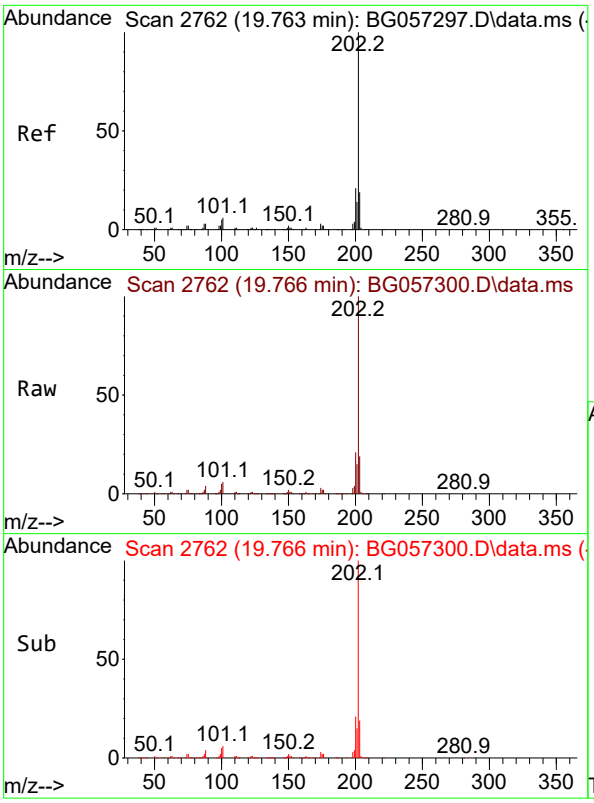


#77
Carbazole
Concen: 3.700 ng/ul
RT: 18.127 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:167 Resp: 20375

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	13.1	10.3	15.5



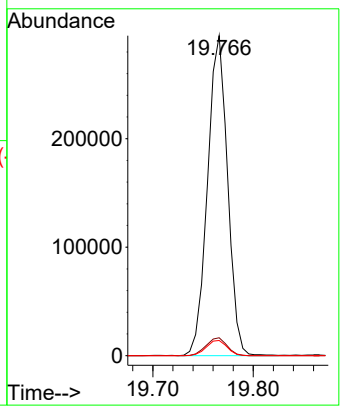


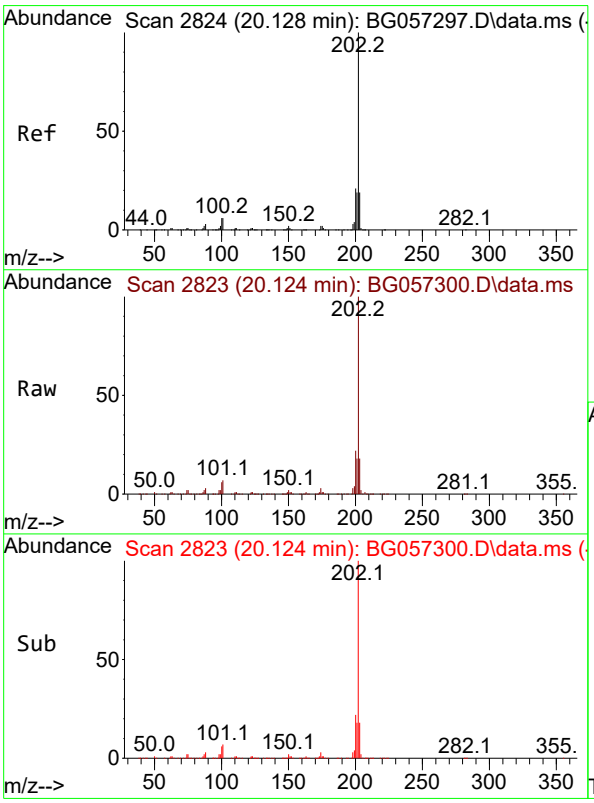
#80
Fluoranthene
Concen: 56.233 ng/ul
RT: 19.766 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:202 Resp: 409955

Ion	Ratio	Lower	Upper
202	100		
101	5.6	5.8	8.6#
100	4.8	4.6	7.0

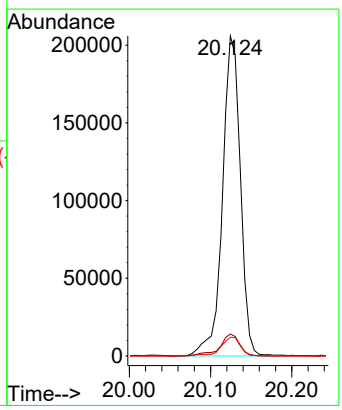


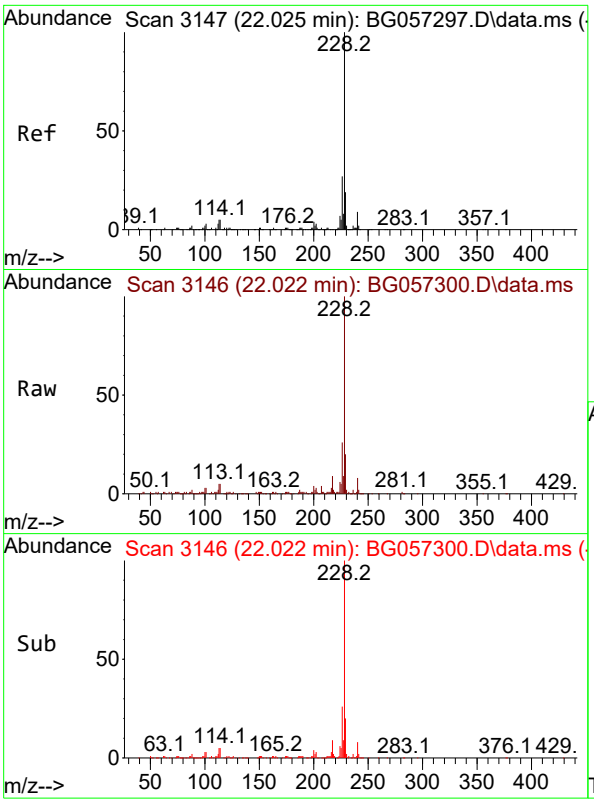


#82
Pyrene
Concen: 42.778 ng/ul
RT: 20.124 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:202 Resp: 315708

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.7	8.5
100	5.8	6.0	9.0#



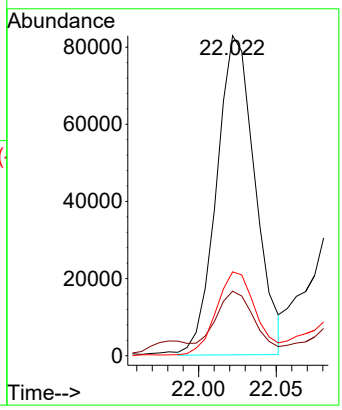


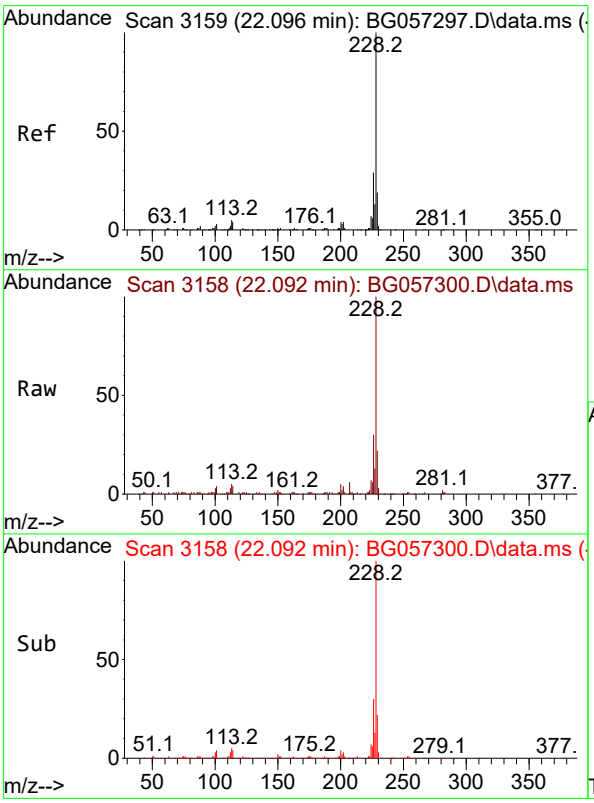
#85
Benzo(a)anthracene
Concen: 19.524 ng/ul
RT: 22.022 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:228 Resp: 142769

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	26.2	21.7	32.5

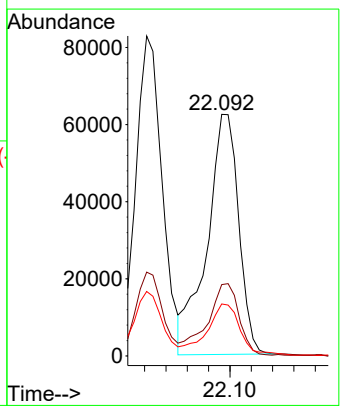


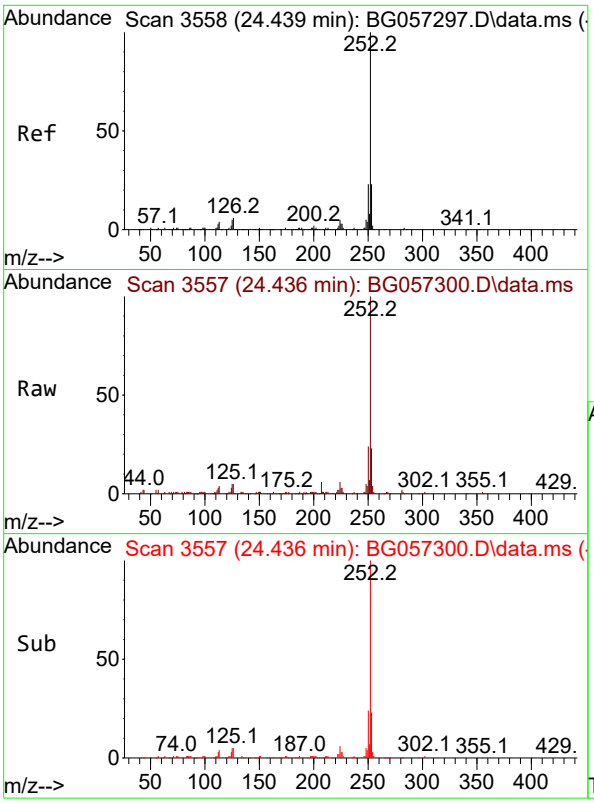


#87
Chrysene
Concen: 18.617 ng/ul
RT: 22.092 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:228 Resp: 128444

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	21.5	15.5	23.3



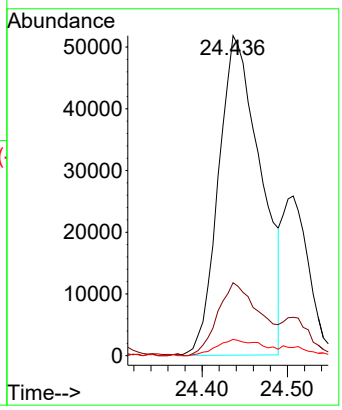


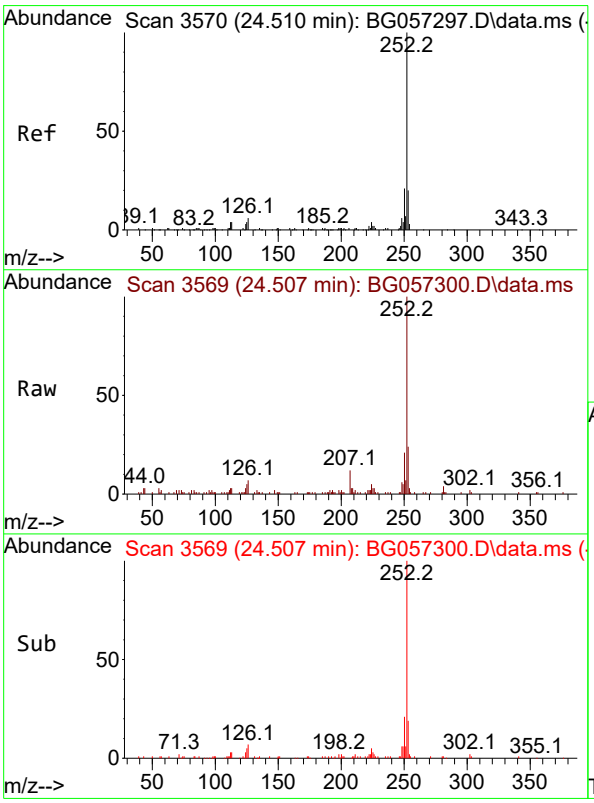
#90
Benzo(b)fluoranthene
Concen: 23.690 ng/ul
RT: 24.436 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:252 Resp: 177541

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.7	25.1
125	5.1	4.8	7.2

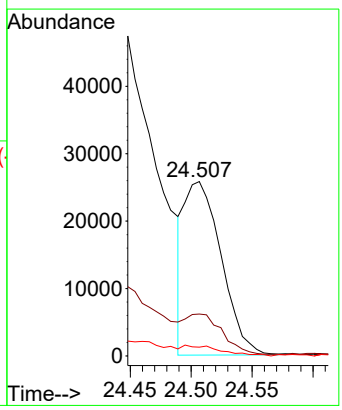


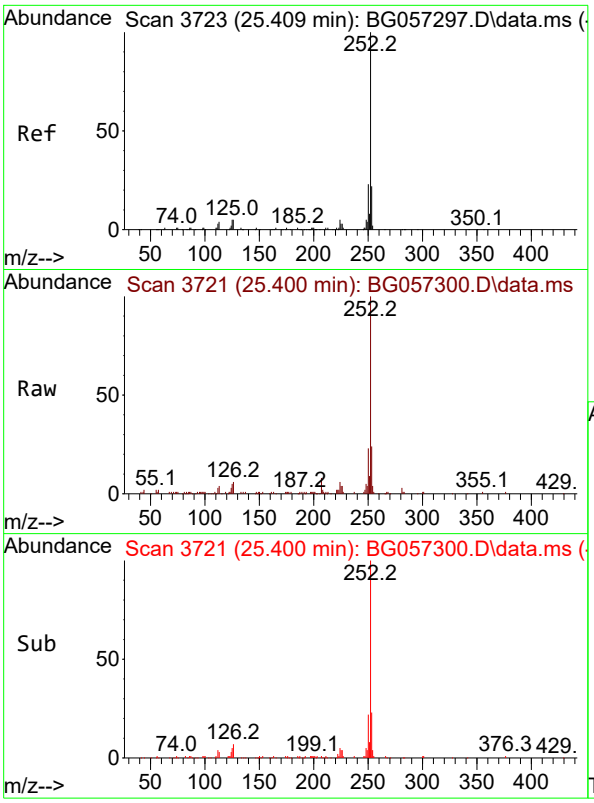


#91
Benzo(k)fluoranthene
Concen: 7.435 ng/ul
RT: 24.507 min Scan# 3569
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:252 Resp: 54210

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	5.1	4.5	6.7



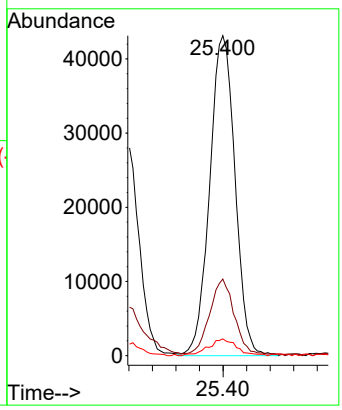


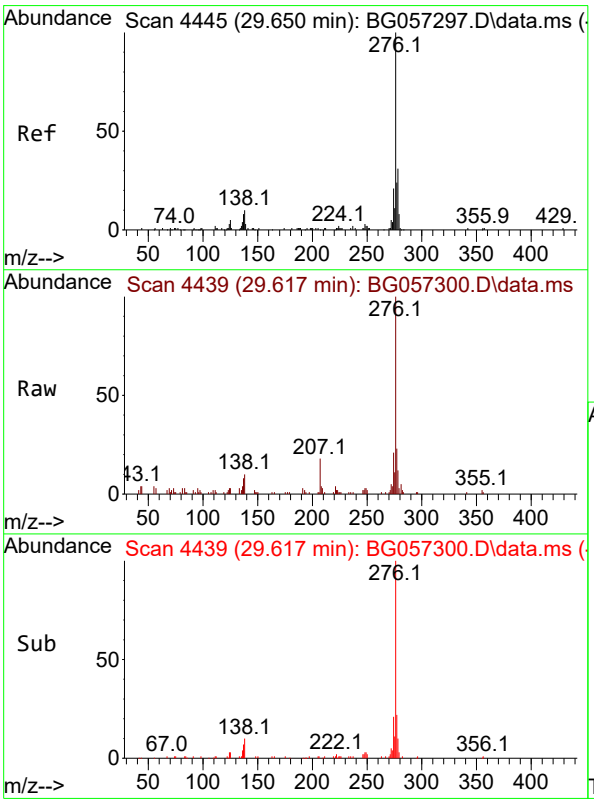
#93
Benzo(a)pyrene
Concen: 19.971 ng/ul
RT: 25.400 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:252 Resp: 129214

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	5.2	5.1	7.7

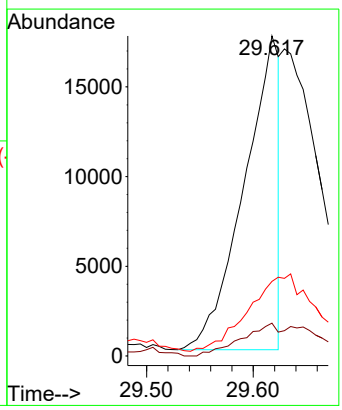


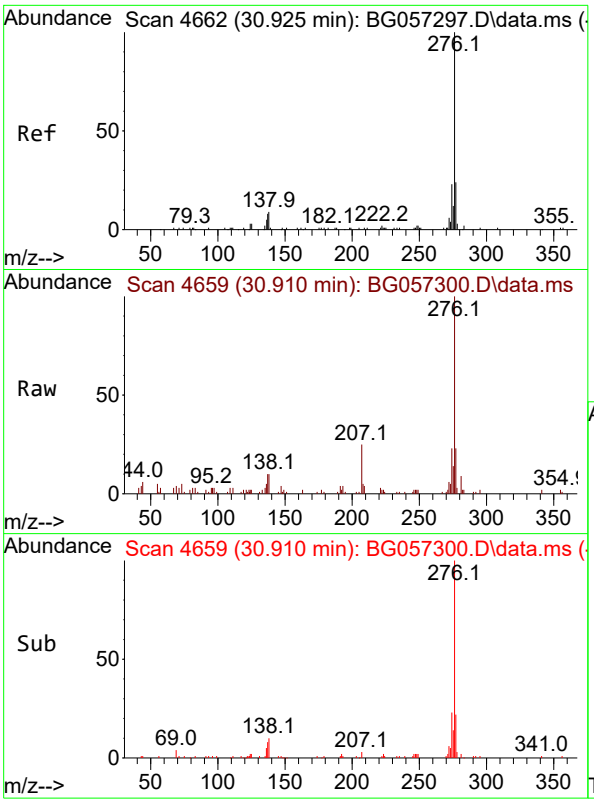


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.963 ng/ul
RT: 29.617 min Scan# 4439
Delta R.T. -0.006 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Tgt Ion:276 Resp: 40138

Ion	Ratio	Lower	Upper
276	100		
138	10.2	9.4	14.2
277	23.3	18.6	28.0





#96
Benzo(g,h,i)perylene
Concen: 11.066 ng/ul
RT: 30.910 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG057300.D
Acq: 4 May 2023 12:36

Instrument :
BNA_G
ClientSampleId :
EW941DL

Tgt Ion:276 Resp: 72434

Ion	Ratio	Lower	Upper
276	100		
138	10.0	8.7	13.1
277	23.4	18.4	27.6