Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058420.D
Acq On : 23 Jul 2023 4:34
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Quant Time: Jul 23 05:14:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	163846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	708057	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	451259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.284	188	917269	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	770764	20.000	ng/ul	0.00
88) Perylene-d12	24.681	264	974440	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	355	0.080	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.066	99	4596	0.296	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	3070	0.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.431	132	3735	0.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	1280	0.108	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	1628	0.307	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	991	0.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	2928	0.264	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.935	166	10895	0.313	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	12742	0.349	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.527	176	10503	0.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.378	188	16979	0.428	ng/ul	0.00
81) Pyrene-d10	19.669	212	14695	0.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.452	264	10187	0.216	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.599	153	42097	1.540	ng/ul	97
56) Dibenzofuran	14.934	168	45629	1.173	ng/ul	97
61) Fluorene	15.580	166	50741	1.590	ng/ul	99
72) Phenanthrene	17.325	178	404084	9.270	ng/ul	98
74) Anthracene	17.413	178	116738	2.668	ng/ul	98
80) Fluoranthene	19.334	202	344641	6.608	ng/ul	98
82) Pyrene	19.698	202	220773	4.178	ng/ul	99
85) Benzo(a)anthracene	21.514	228	144336	2.786	ng/ul	97
87) Chrysene	21.579	228	125562	2.555	ng/ul	97
90) Benzo(b)fluoranthene	23.676	252	133637	2.370	ng/ul#	96

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

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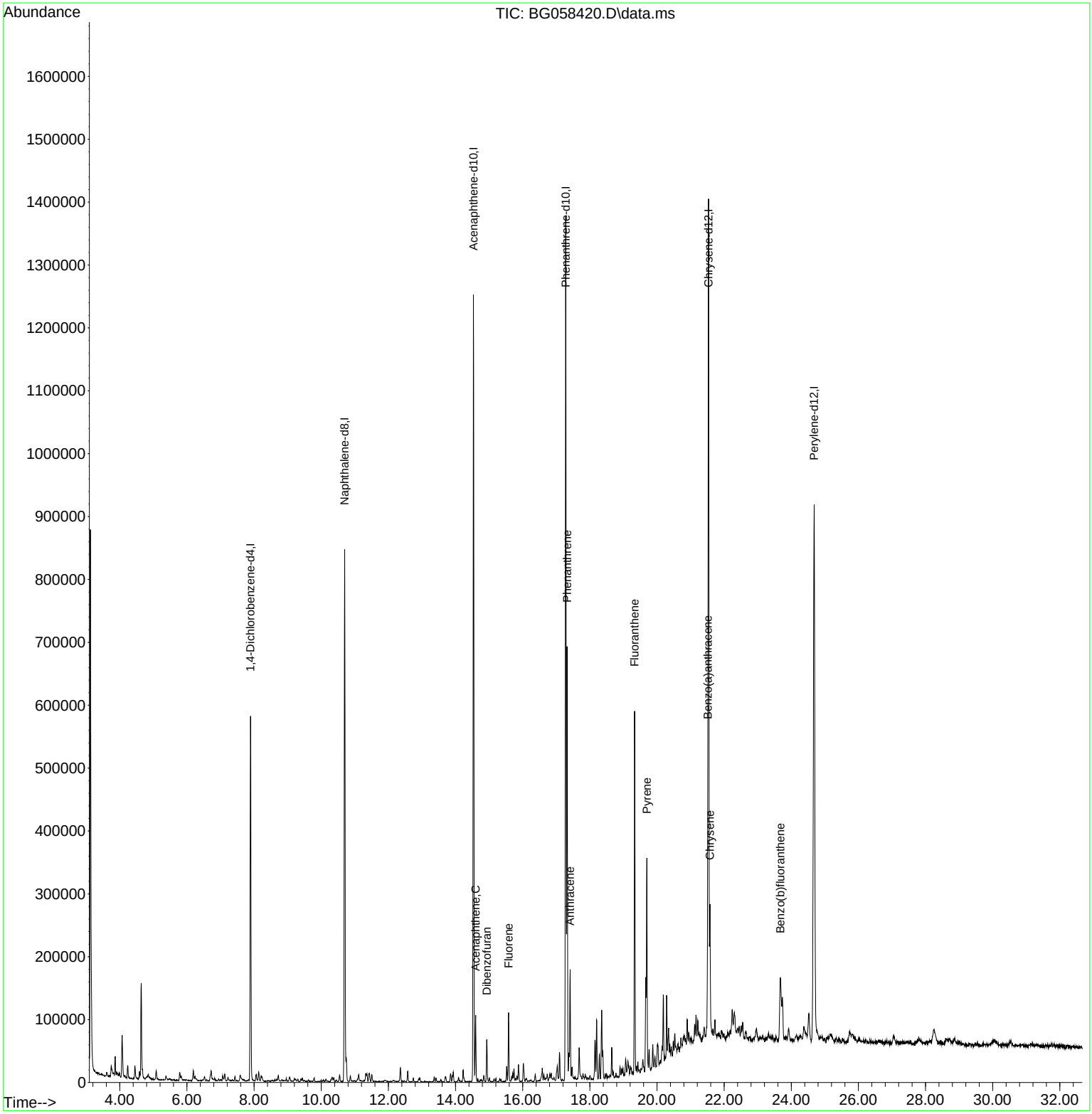
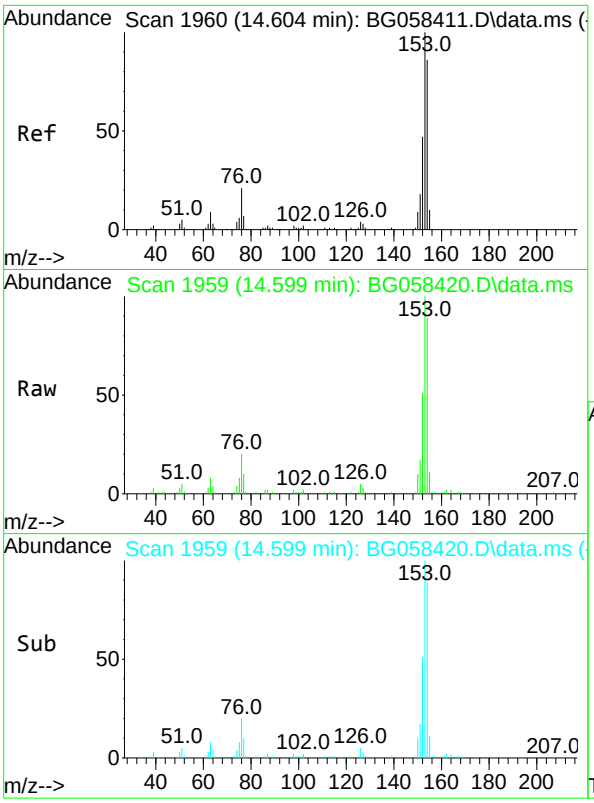


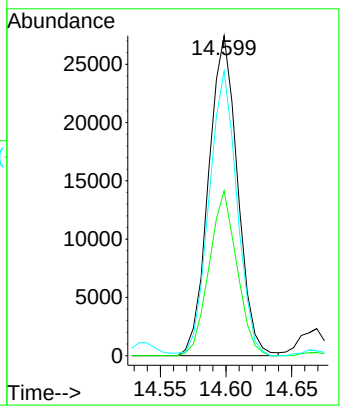


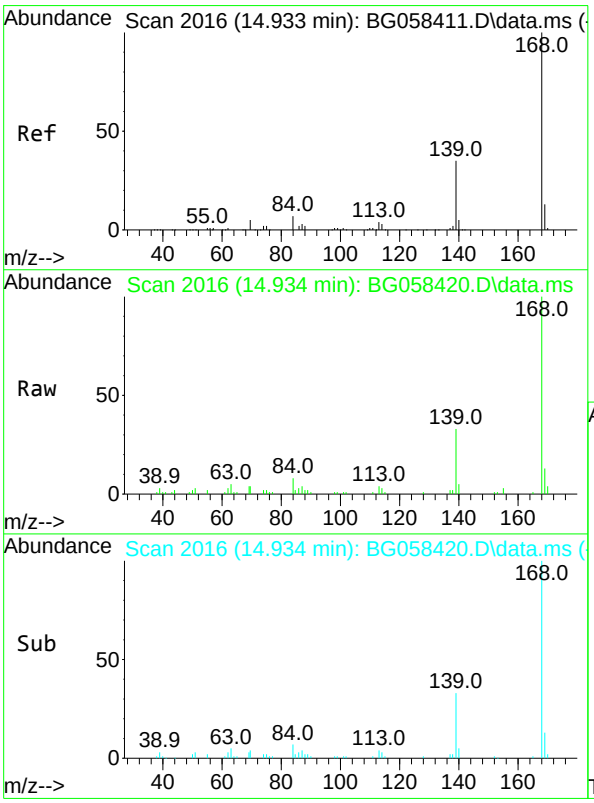
#52
Acenaphthene
Concen: 1.540 ng/ul
RT: 14.599 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Tgt Ion:153 Resp: 42097

Ion	Ratio	Lower	Upper
153	100		
152	51.5	39.1	58.7
154	88.9	68.7	103.1

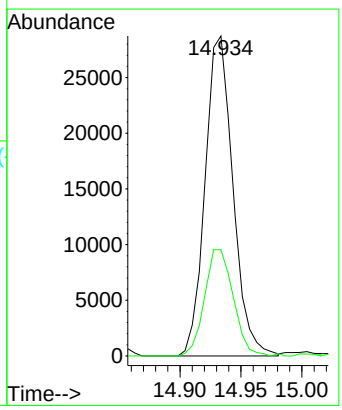


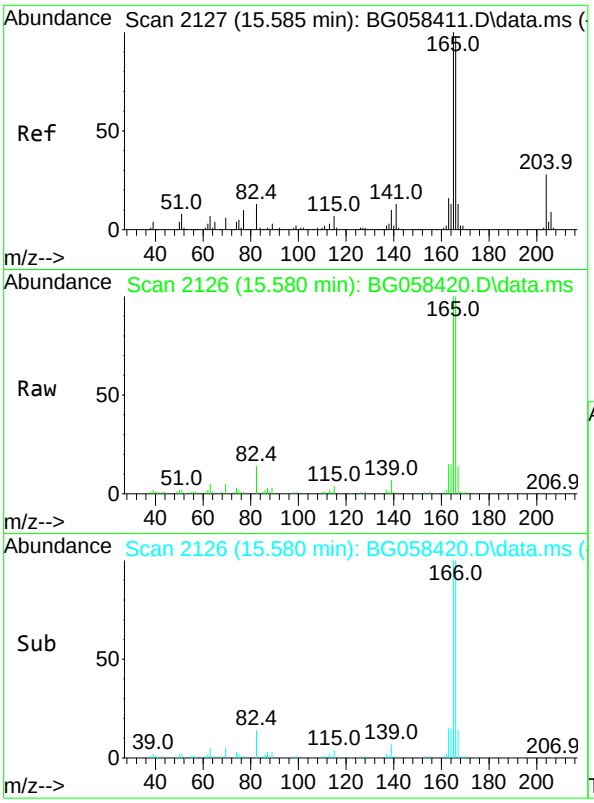


#56
Dibenzofuran
Concen: 1.173 ng/ul
RT: 14.934 min Scan# 2016
Delta R.T. -0.004 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Tgt Ion:168 Resp: 45629

Ion	Ratio	Lower	Upper
168	100		
139	33.2	27.8	41.8



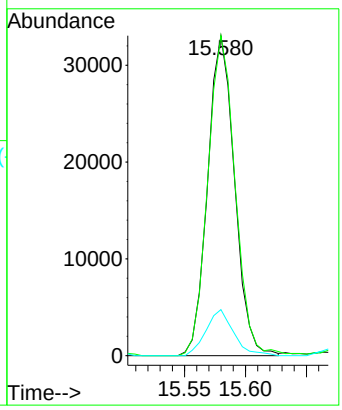


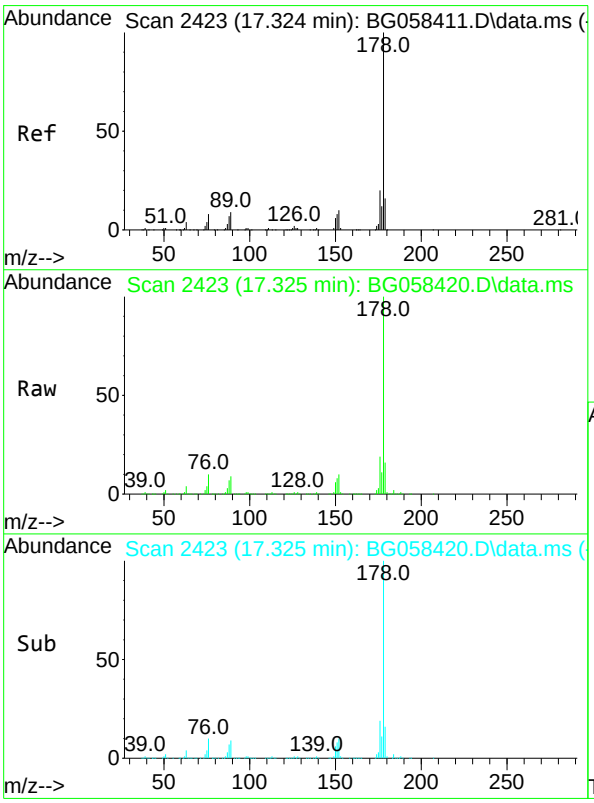
#61
Fluorene
Concen: 1.590 ng/ul
RT: 15.580 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Tgt Ion:166 Resp: 50741

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.2	120.2
167	14.4	10.5	15.7

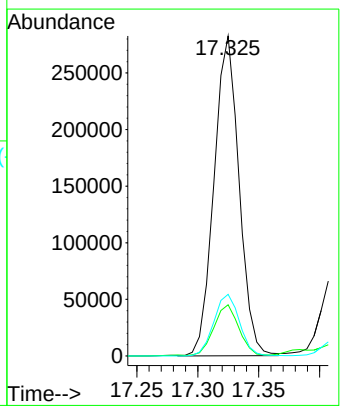


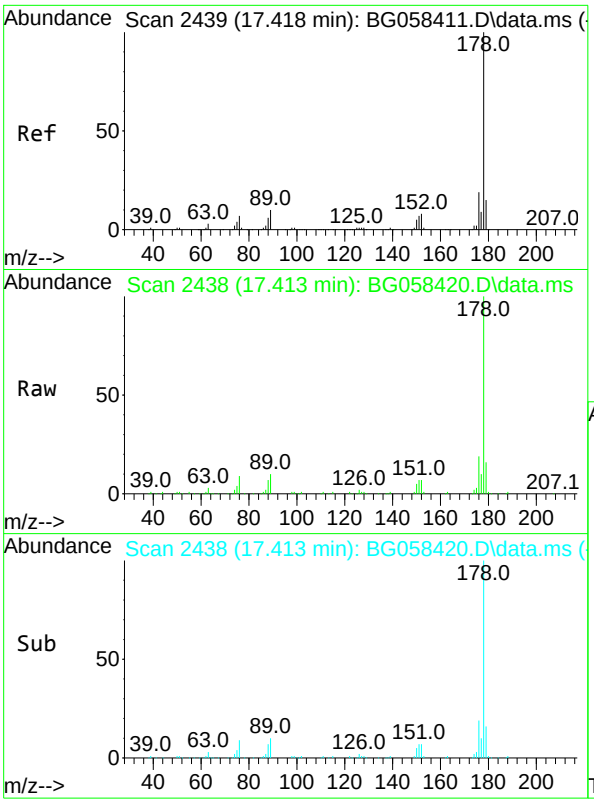


#72
Phenanthrene
Concen: 9.270 ng/ul
RT: 17.325 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Tgt Ion:178 Resp: 404084

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.9	17.9
176	19.3	15.8	23.8



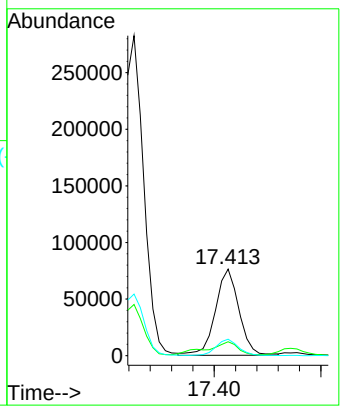


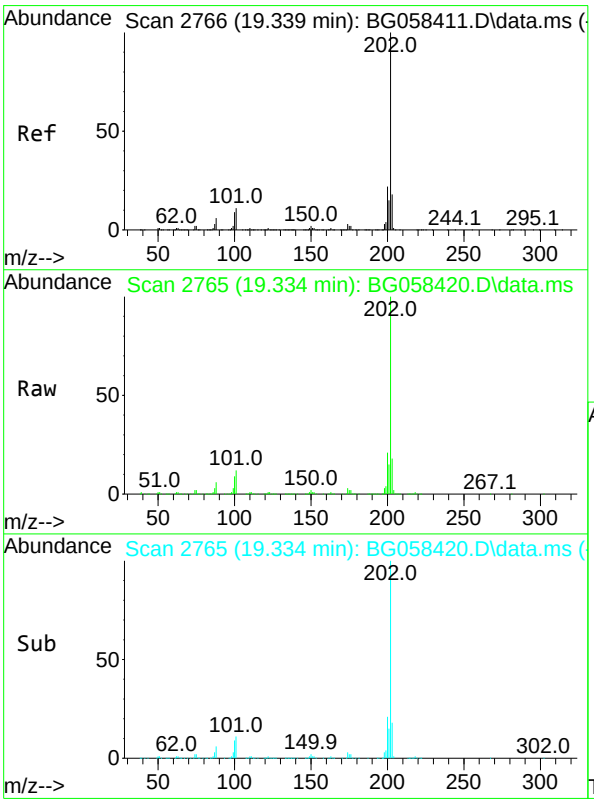
#74
Anthracene
Concen: 2.668 ng/ul
RT: 17.413 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Tgt Ion:178 Resp: 116738

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	19.1	16.2	24.2

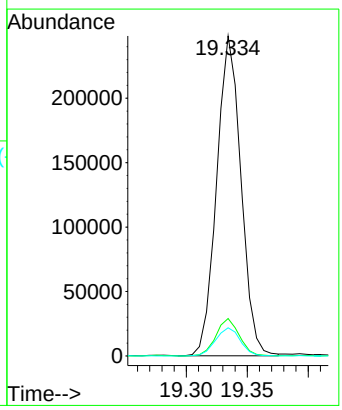


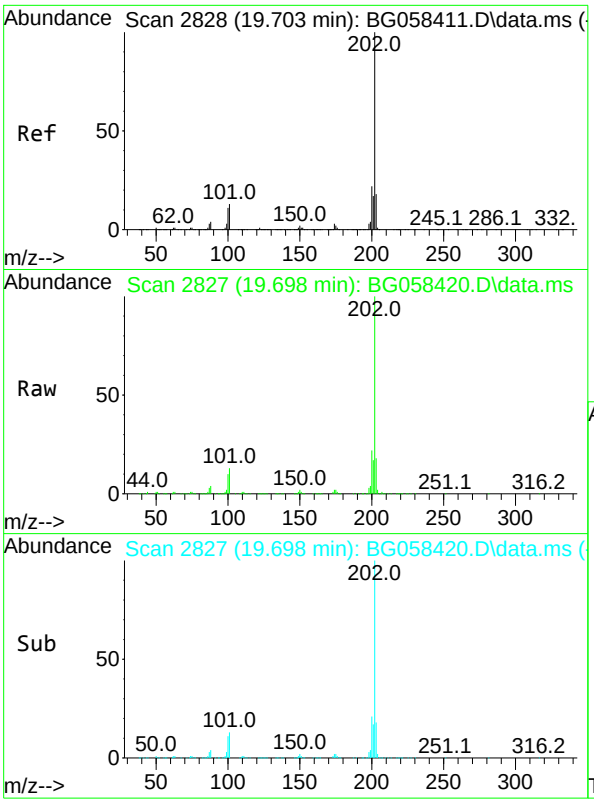


#80
Fluoranthene
Concen: 6.608 ng/ul
RT: 19.334 min Scan# 2765
Delta R.T. 0.002 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Tgt Ion:202 Resp: 344641

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	12.8
100	8.8	7.2	10.8



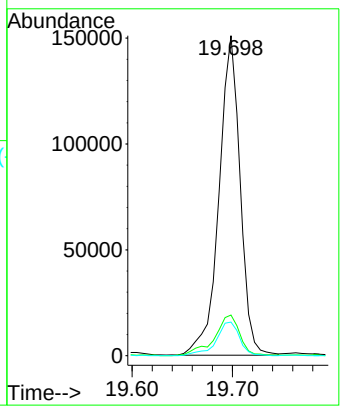


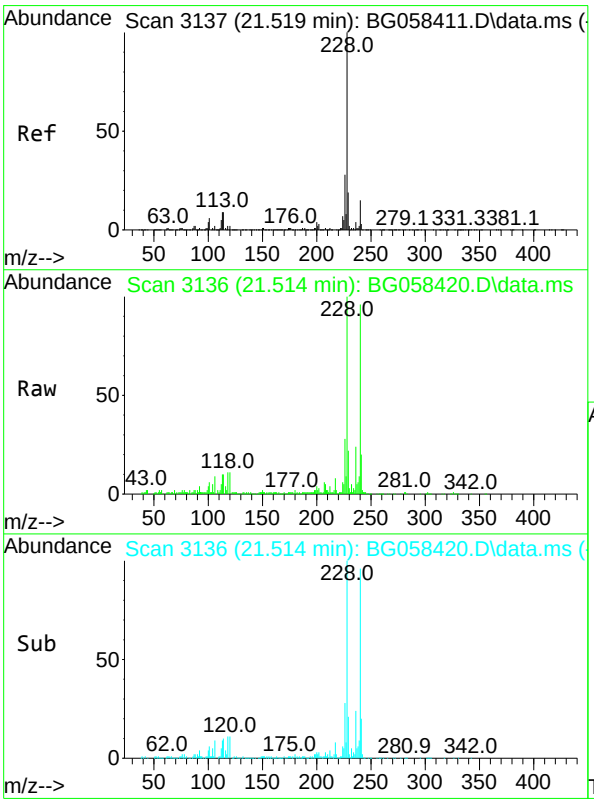
#82
Pyrene
Concen: 4.178 ng/ul
RT: 19.698 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Tgt Ion:202 Resp: 220773

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.5	8.9	13.3

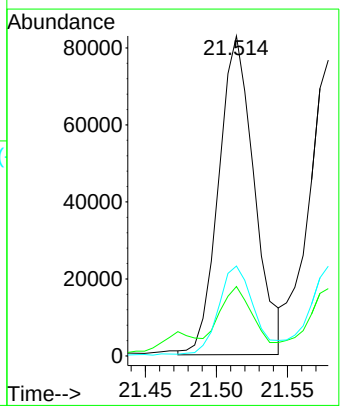


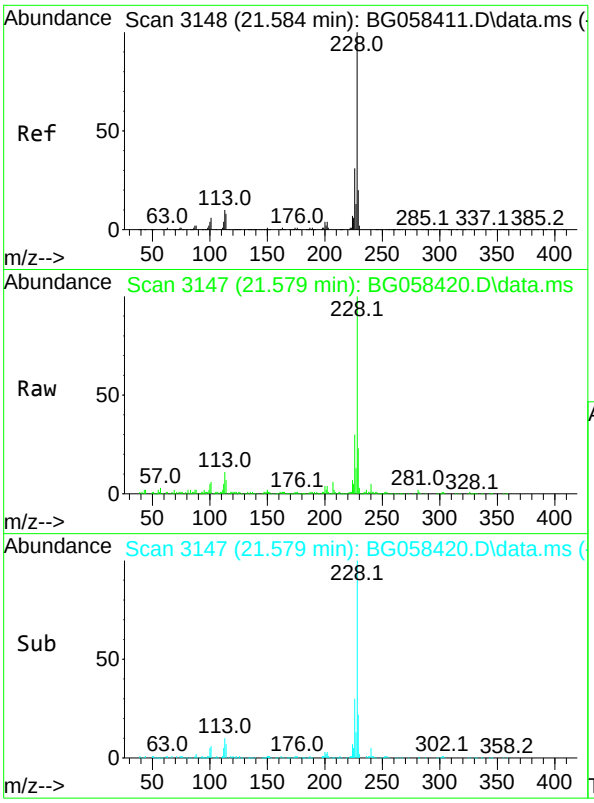


#85
Benzo(a)anthracene
Concen: 2.786 ng/ul
RT: 21.514 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Tgt Ion:228 Resp: 144336

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.1	21.8	32.8



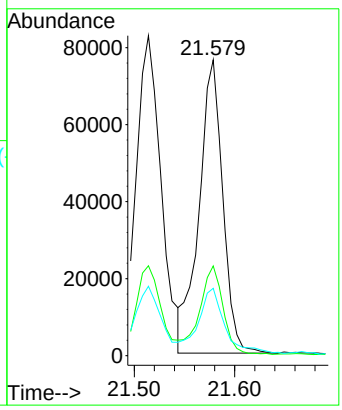


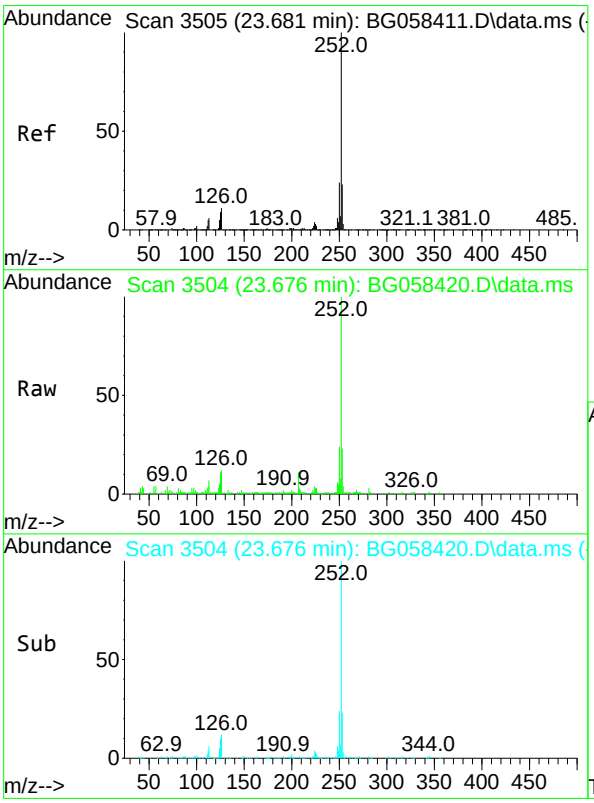
#87
Chrysene
Concen: 2.555 ng/ul
RT: 21.579 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Instrument :
BNA_G
ClientSampleId :
A46W9DL

Tgt Ion:228 Resp: 125562

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.8	15.8	23.8





#90
Benzo(b)fluoranthene
Concen: 2.370 ng/ul
RT: 23.676 min Scan# 3504
Delta R.T. 0.008 min
Lab File: BG058420.D
Acq: 23 Jul 2023 4:34

Tgt Ion:252 Resp: 133637

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.0	6.7	10.1#