Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040854.D
Acq On : 13 Jul 2023 17:59
Operator : MA/JU
Sample : 03418-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4663

Quant Time: Jul 14 03:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	17823	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	8001	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	15172	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	9552	0.400	ng/ul	# 0.00
23) Perylene-d12	23.842	264	8602	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27870	3.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	6475	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.297	212	11093	0.362	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.719	128	730183	14.853	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	622843	21.586	ng/ul	100
11) Acenaphthene	14.573	153	621737	20.598	ng/ul	98
12) Fluorene	15.564	166	9025	0.280	ng/ul#	96
14) Pentachlorophenol	16.915	266	268373	91.866	ng/ul	93
15) Phenanthrene	17.308	178	888043	18.843	ng/ul	98
16) Anthracene	17.396	178	1016449	25.666	ng/ul	99
19) Fluoranthene	19.329	202	2444101	60.237	ng/ul#	91
20) Pyrene	19.692	202	1547616	35.577	ng/ul	95
21) Benzo(a)anthracene	21.442	228	1689530	52.292	ng/ul	99
22) Chrysene	21.495	228	964420	26.167	ng/ul	99
24) Benzo(b)fluoranthene	23.114	252	1019676	30.630	ng/ul	85
26) Benzo(a)pyrene	23.737	252	835967	27.878	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.307	276	1200150	28.738	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.320	278	754821	23.085	ng/ul#	91

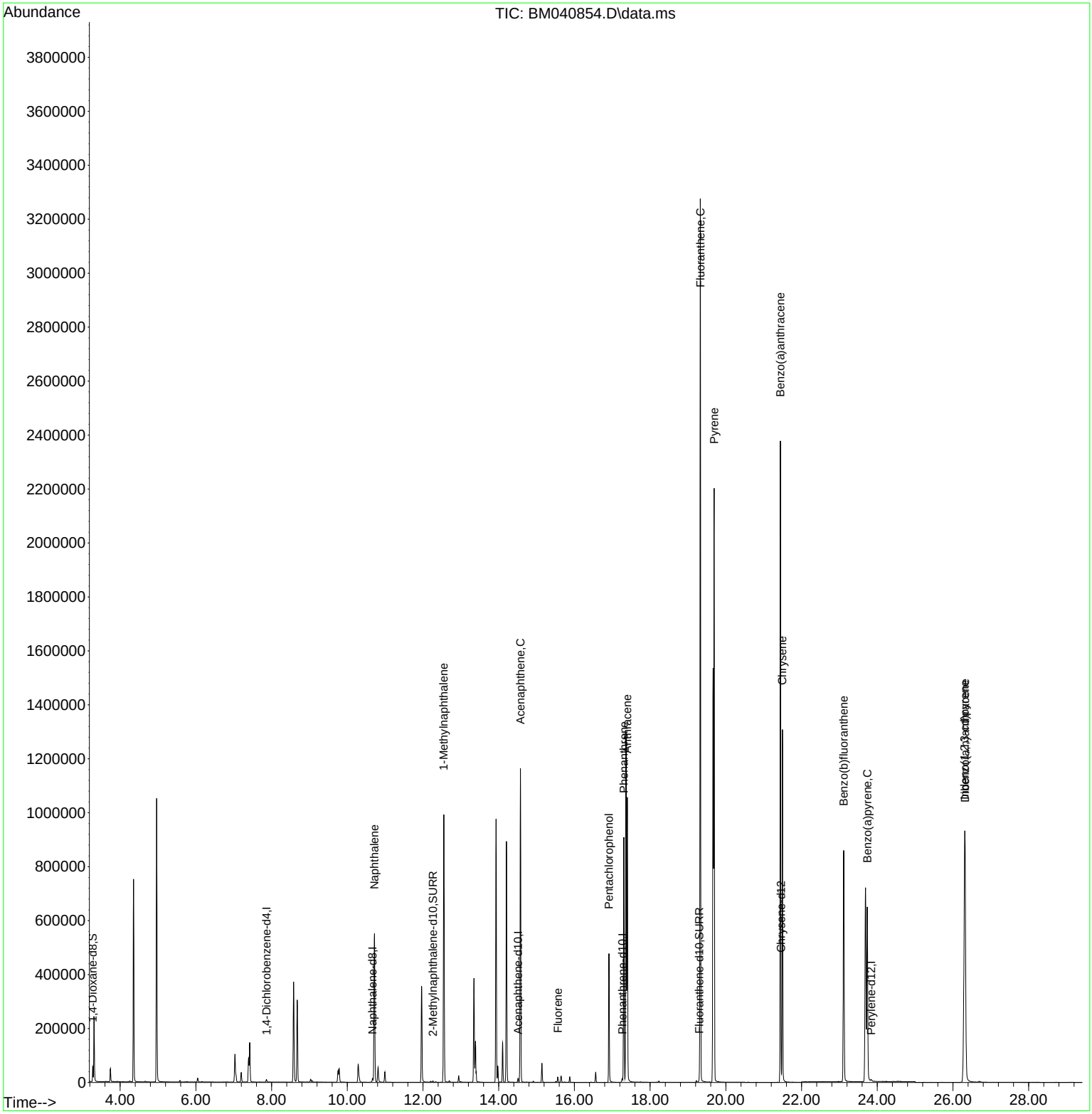
(#) = qualifier out of range (m) = manual integration (+) = signals summed

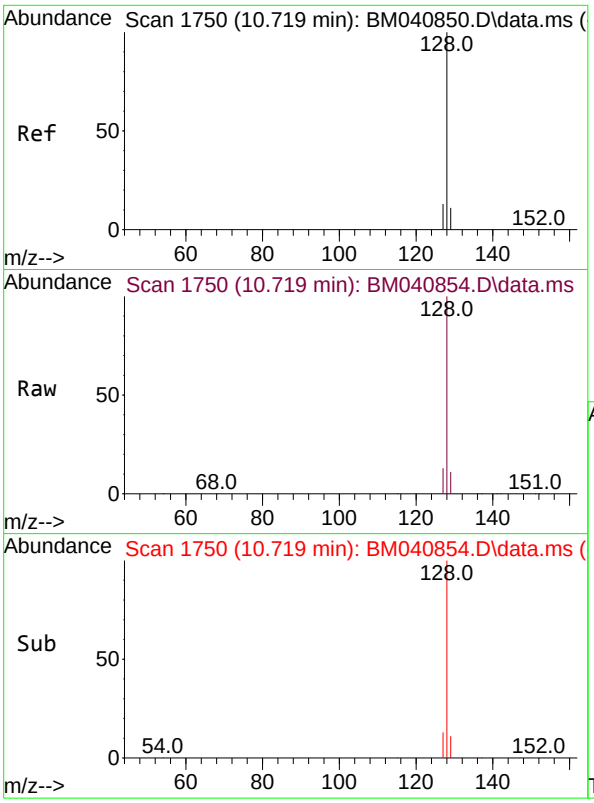
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040854.D
Acq On : 13 Jul 2023 17:59
Operator : MA/JU
Sample : 03418-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4663

Quant Time: Jul 14 03:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration



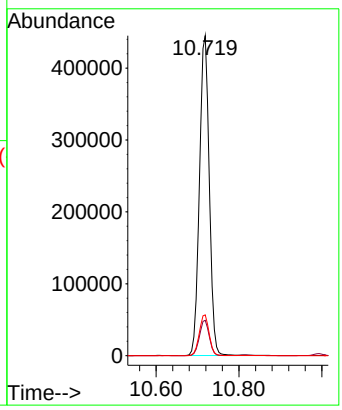


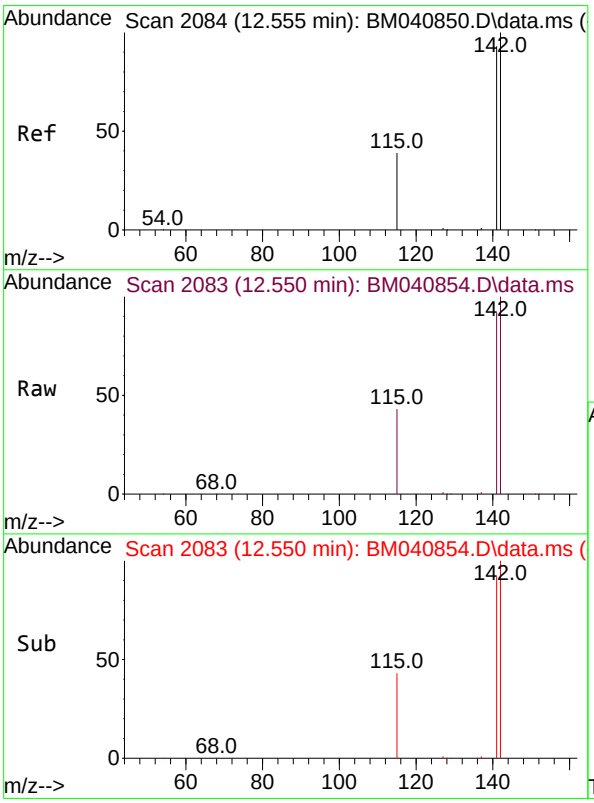
#5
Naphthalene
Concen: 14.853 ng/ul
RT: 10.719 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:128 Resp: 730183

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	12.7	10.6	15.8

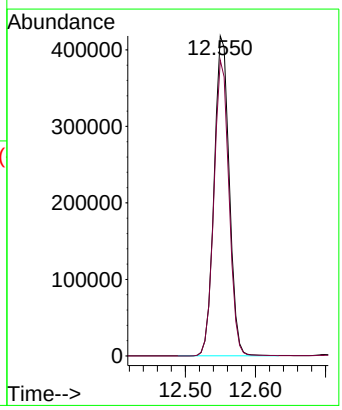


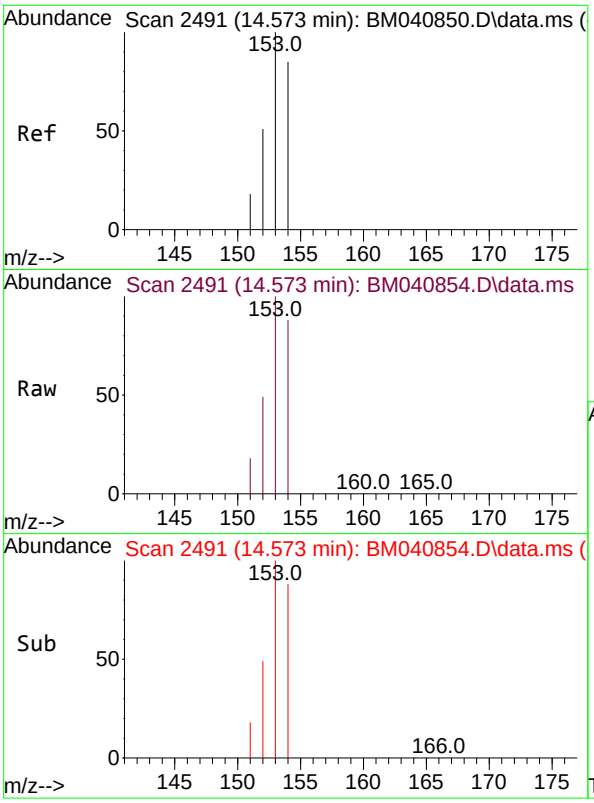


#8
1-Methylnaphthalene
Concen: 21.586 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:142 Resp: 622843

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5



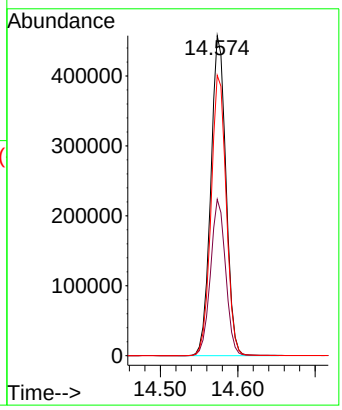


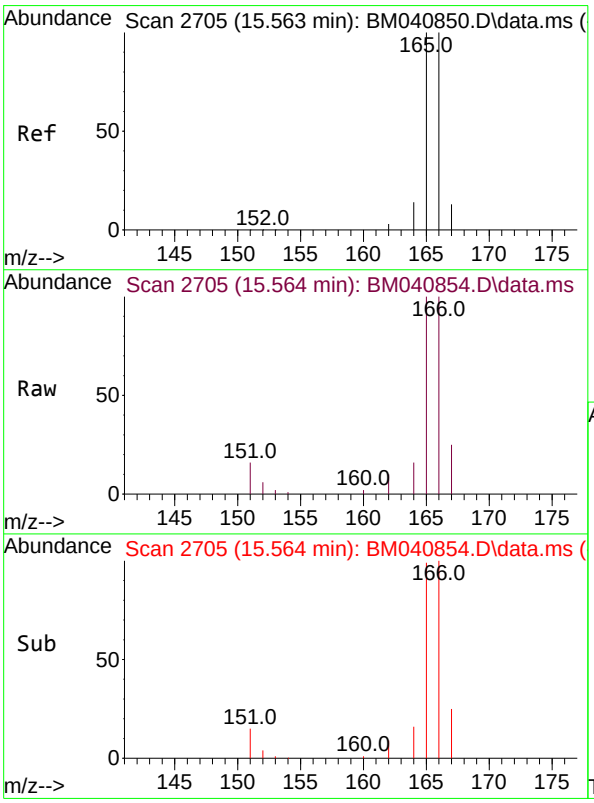
#11
Acenaphthene
Concen: 20.598 ng/ul
RT: 14.573 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:153 Resp: 621737

Ion	Ratio	Lower	Upper
153	100		
152	48.9	41.0	61.4
154	87.6	70.8	106.2

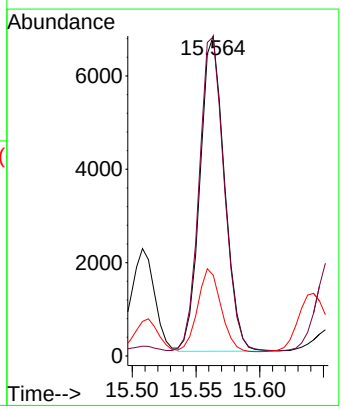


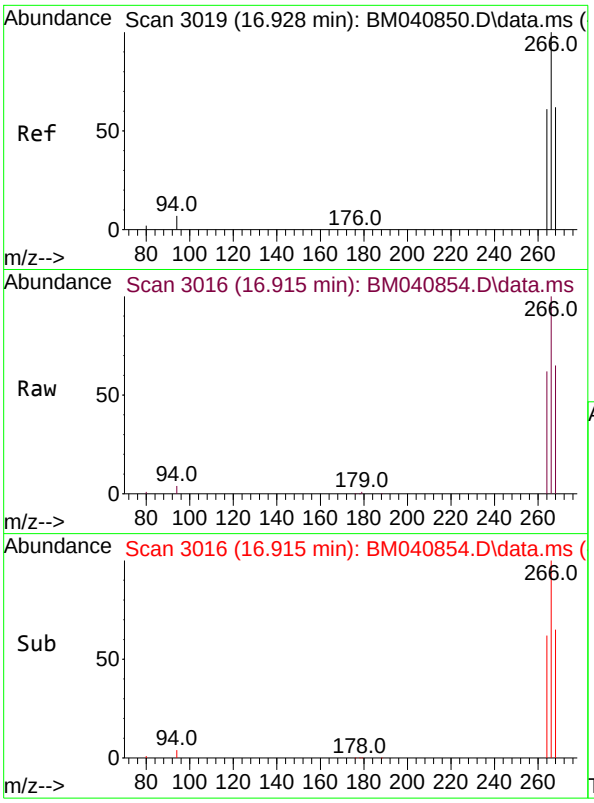


#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.564 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:166 Resp: 9025

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.6	119.4
167	25.3	11.4	17.0#



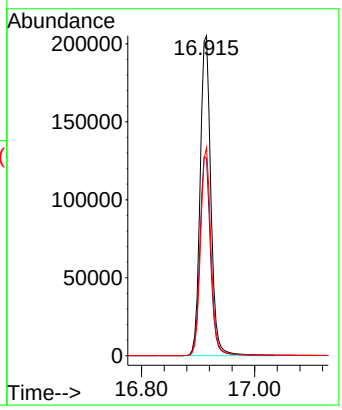


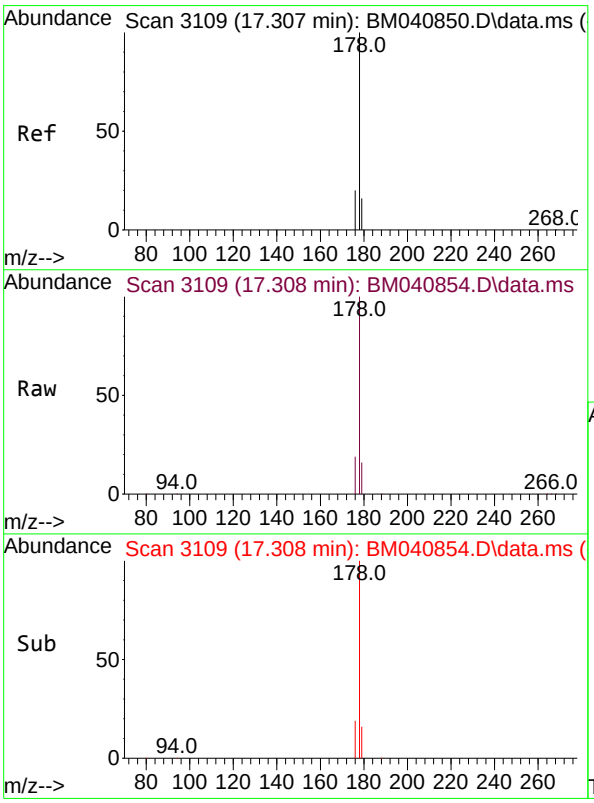
#14
Pentachlorophenol
Concen: 91.866 ng/ul
RT: 16.915 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:266 Resp: 268373

Ion	Ratio	Lower	Upper
266	100		
264	62.5	45.4	68.0
268	64.0	47.2	70.8

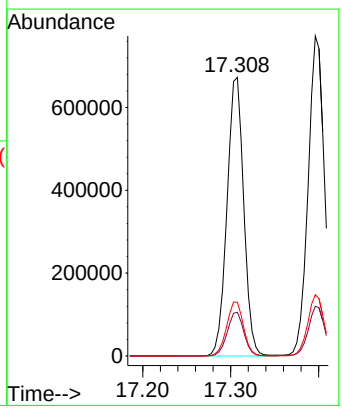


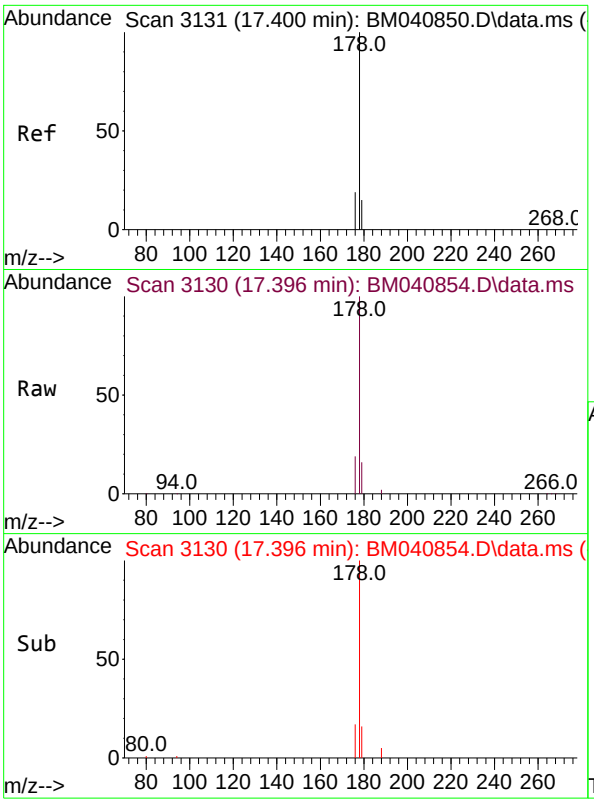


#15
Phenanthrene
Concen: 18.843 ng/ul
RT: 17.308 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:178 Resp: 888043

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.3	16.4	24.6



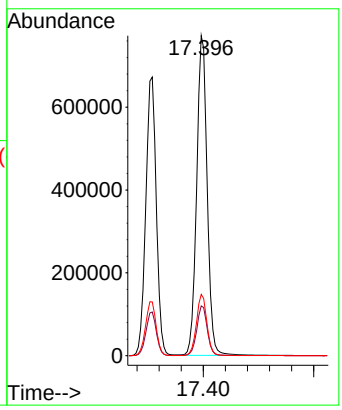


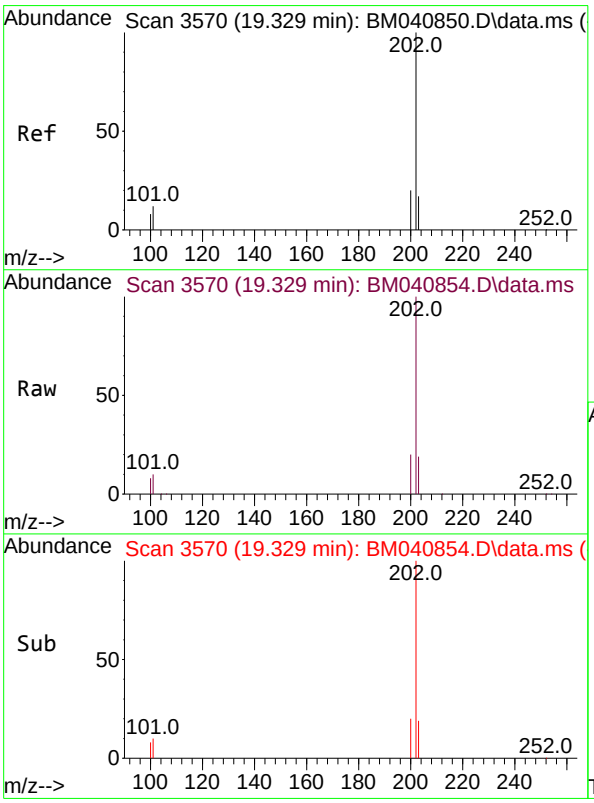
#16
Anthracene
Concen: 25.666 ng/ul
RT: 17.396 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:178 Resp: 1016449

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	19.2	15.8	23.6

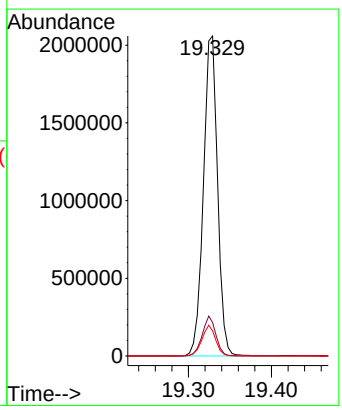


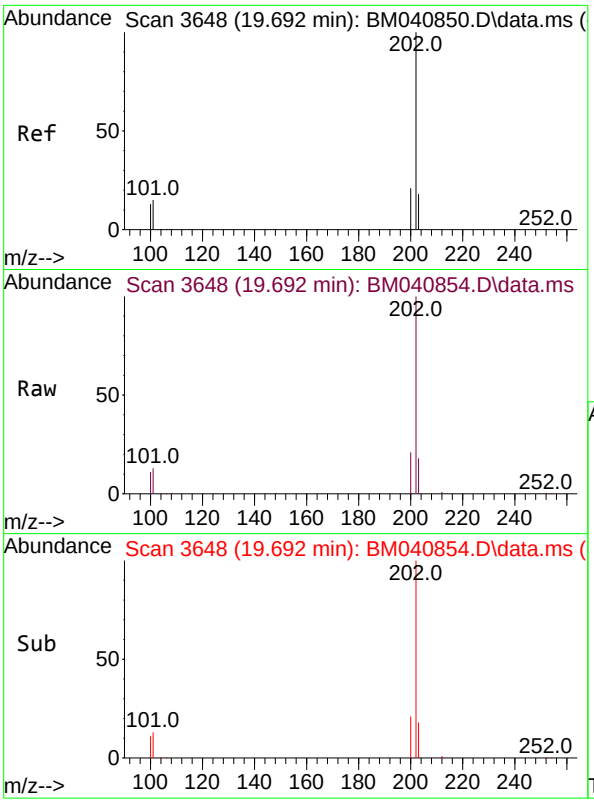


#19
Fluoranthene
Concen: 60.237 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:202 Resp: 2444101

Ion	Ratio	Lower	Upper
202	100		
101	10.5	11.4	17.0#
100	7.9	8.7	13.1#



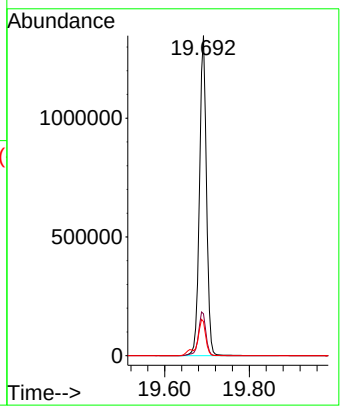


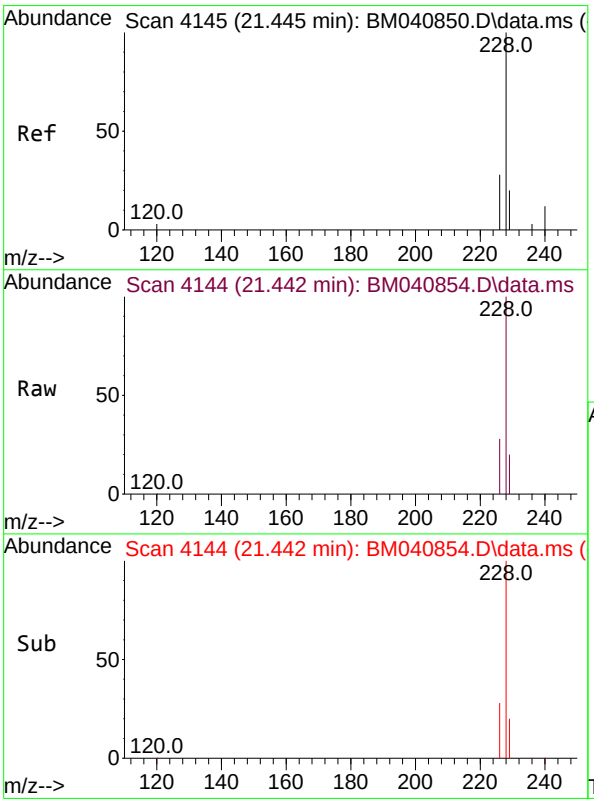
#20
Pyrene
Concen: 35.577 ng/ul
RT: 19.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:202 Resp: 1547616

Ion	Ratio	Lower	Upper
202	100		
101	13.1	12.6	18.8
100	10.7	9.8	14.6

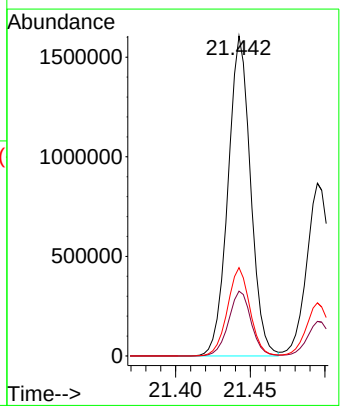


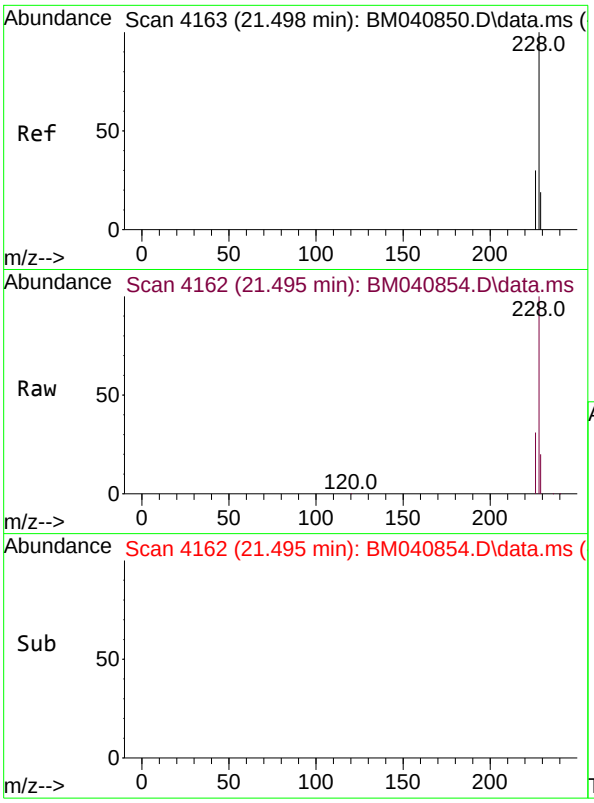


#21
Benzo(a)anthracene
Concen: 52.292 ng/ul
RT: 21.442 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:228 Resp: 1689530

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	27.6	22.3	33.5



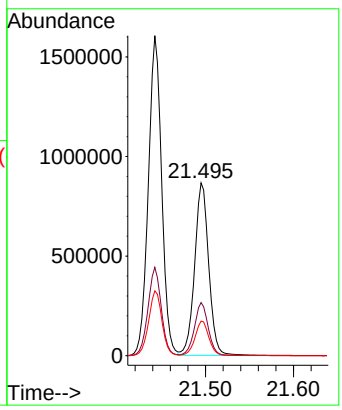


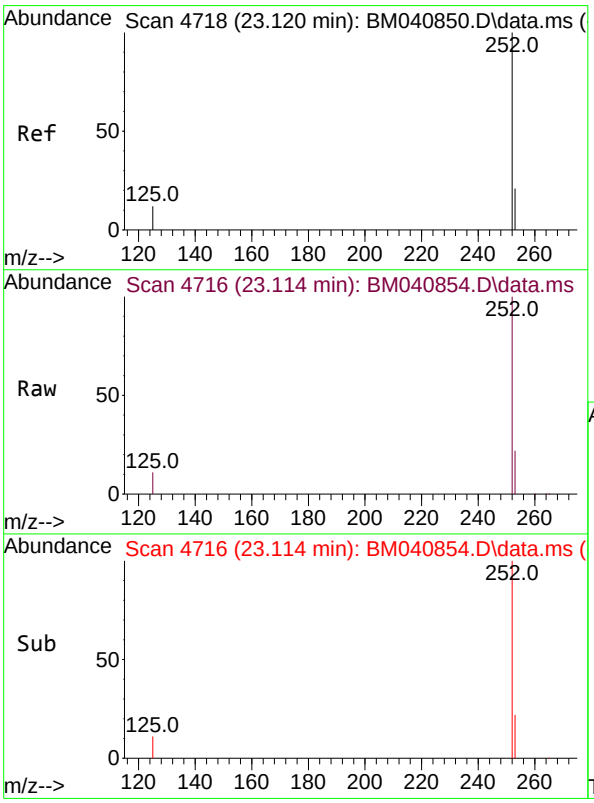
#22
Chrysene
Concen: 26.167 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:228 Resp: 964420

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.0	15.8	23.6

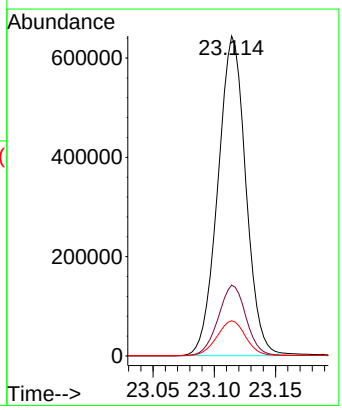


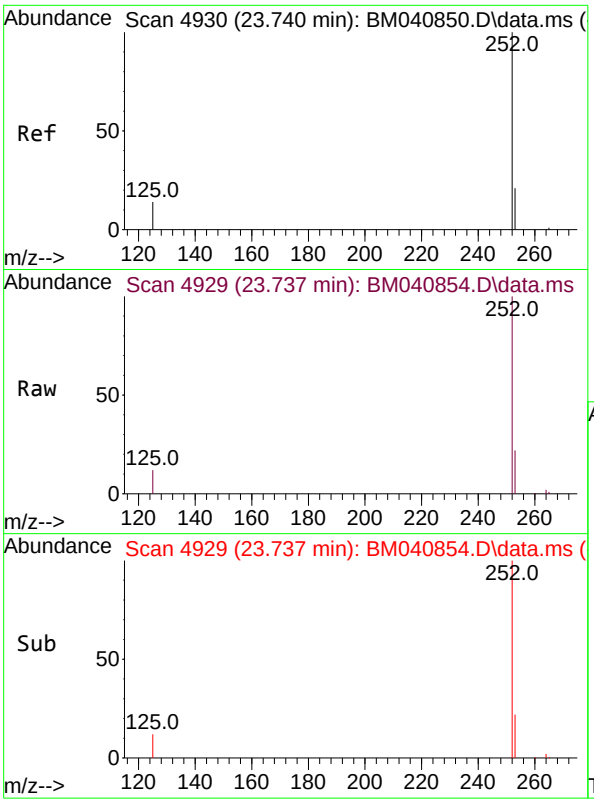


#24
Benzo(b)fluoranthene
Concen: 30.630 ng/ul
RT: 23.114 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:252 Resp: 1019676

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.8
125	11.0	0.0	43.0



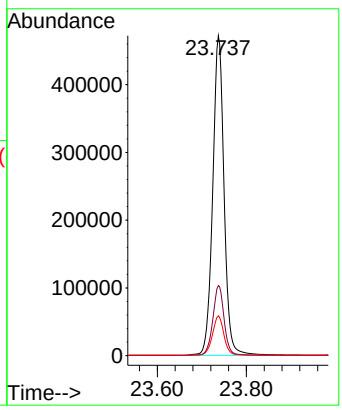


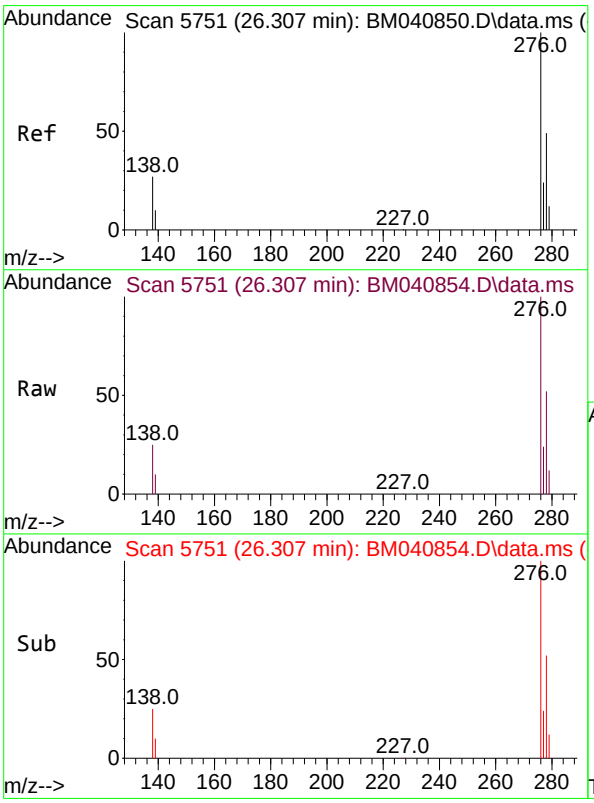
#26
Benzo(a)pyrene
Concen: 27.878 ng/ul
RT: 23.737 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:252 Resp: 835967

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.9	34.3#
125	12.4	21.0	31.4#

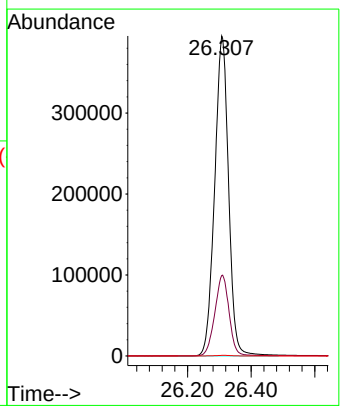


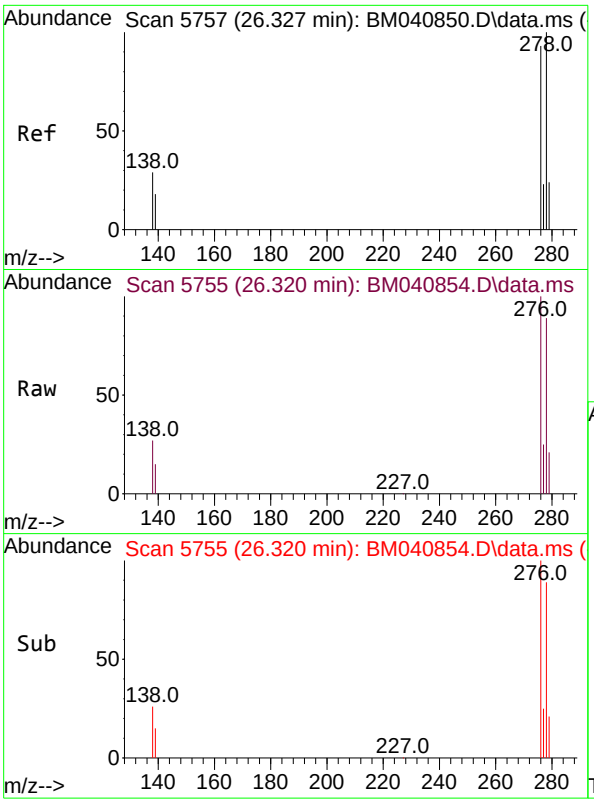


#27
Indeno(1,2,3-cd)pyrene
Concen: 28.738 ng/ul
RT: 26.307 min Scan# 5751
Delta R.T. 0.000 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Tgt Ion:276 Resp: 1200150

Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.5	36.7
227	0.2	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 23.085 ng/ul
RT: 26.320 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040854.D
Acq: 13 Jul 2023 17:59

Instrument :
BNA_M
ClientSampleId :
A4663

Tgt Ion:278 Resp: 754821

Ion	Ratio	Lower	Upper
278	100		
139	17.3	17.9	26.9#
279	23.7	22.0	33.0