Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040862.D
Acq On : 13 Jul 2023 23:03
Operator : MA/JU
Sample : 03418-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J1

Quant Time: Jul 14 03:18:15 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	7.861	152	5640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	20403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	9229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	17214	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9950	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	10175	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	16882	1.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	4026	0.141	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5726	0.180	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.713	128	1791	0.032	ng/ul#	85
11) Acenaphthene	14.573	153	1410	0.040	ng/ul	98
12) Fluorene	15.563	166	1641	0.044	ng/ul#	98
15) Phenanthrene	17.303	178	27036	0.506	ng/ul	99
16) Anthracene	17.392	178	4830	0.107	ng/ul	95
19) Fluoranthene	19.320	202	51765	1.225	ng/ul	98
20) Pyrene	19.687	202	41644	0.919	ng/ul	97
21) Benzo(a)anthracene	21.433	228	15479	0.460	ng/ul	97
22) Chrysene	21.486	228	19750	0.514	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	23921	0.607	ng/ul	99
26) Benzo(a)pyrene	23.722	252	14014	0.395	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	11789	0.239	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.300	278	2628	0.068	ng/ul#	64
29) Benzo(g,h,i)perylene	27.048	276	11839	0.273	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_M
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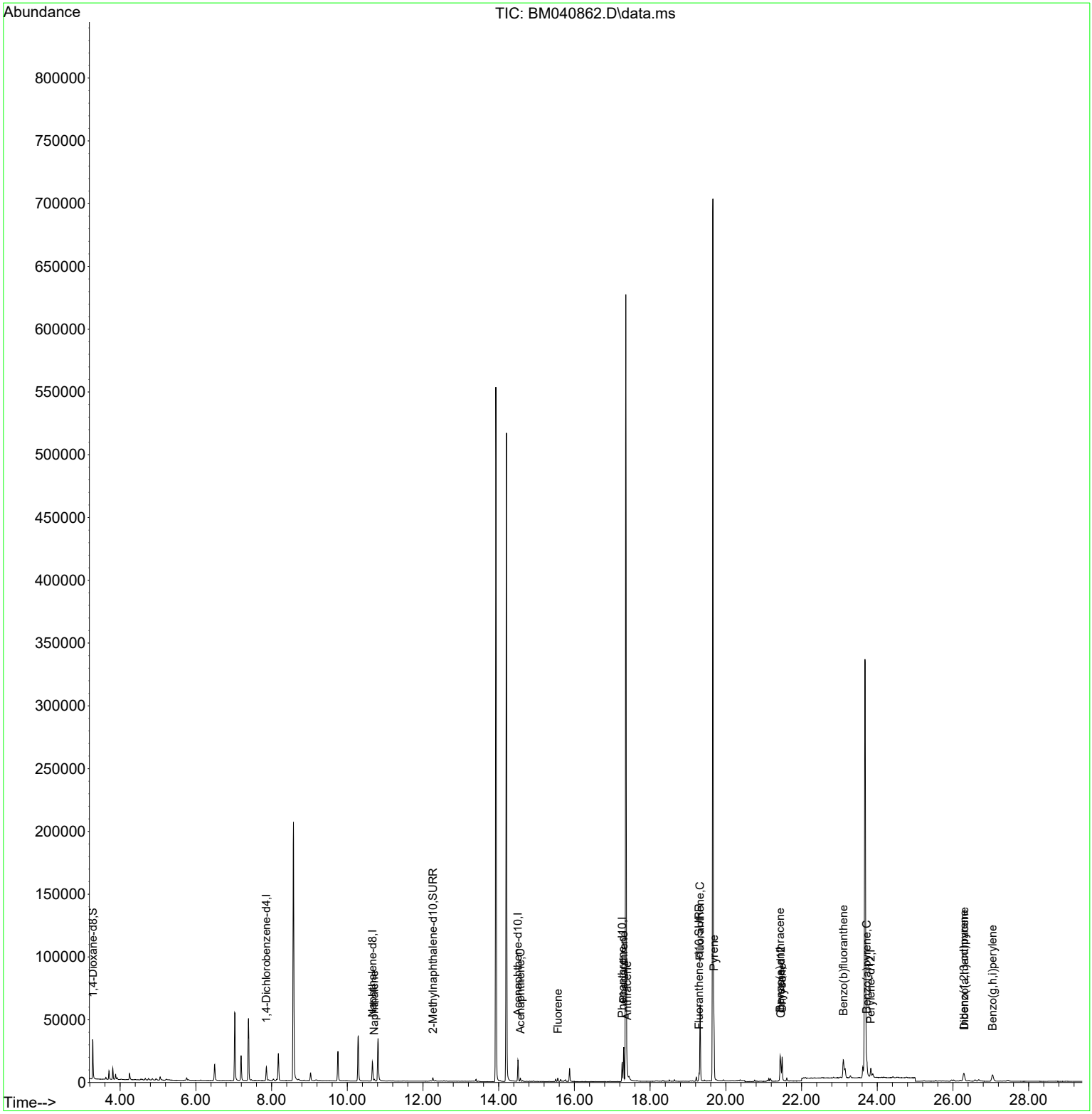
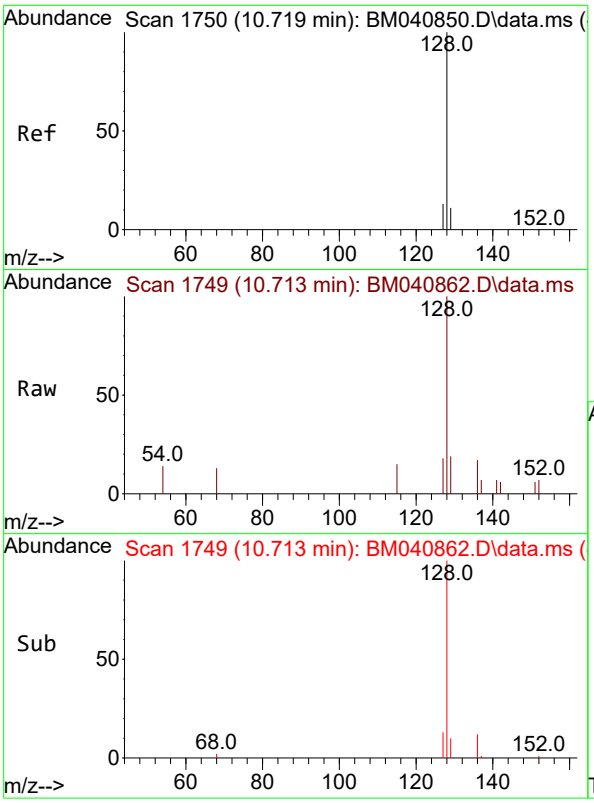
Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration



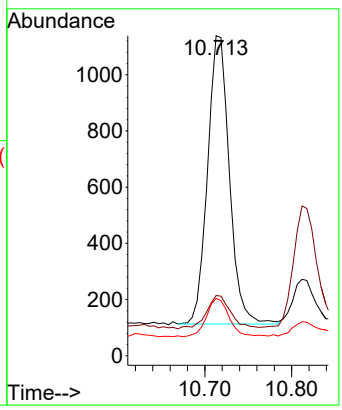


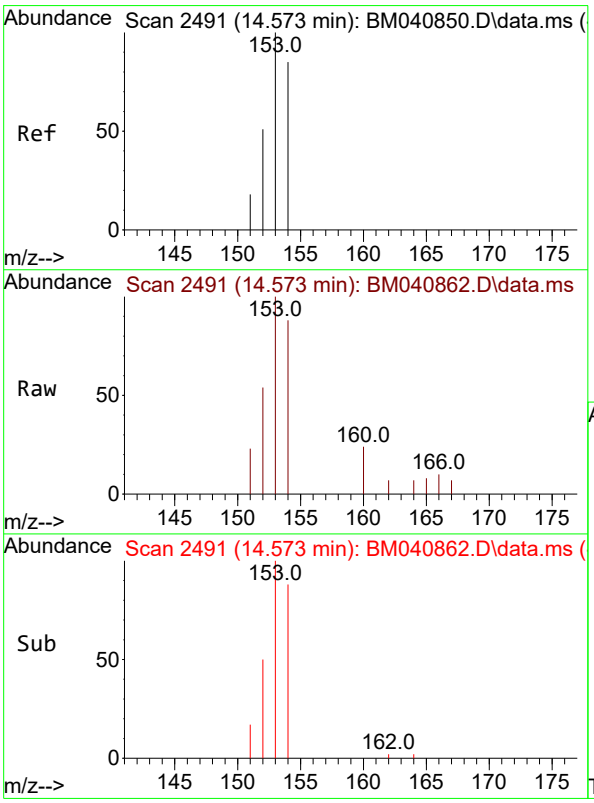
#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.713 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:128 Resp: 1791

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.2	13.8#
127	17.9	10.6	15.8#

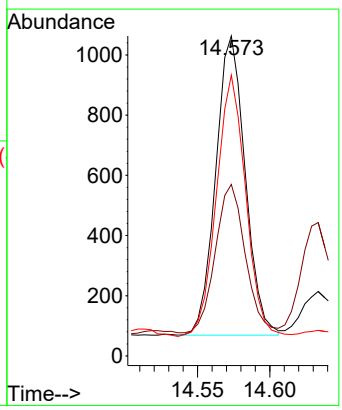


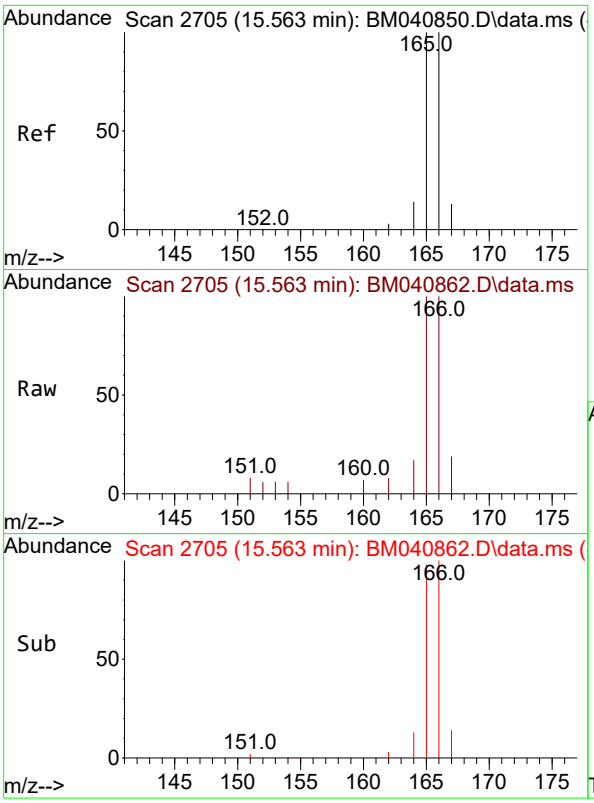


#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.573 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:153 Resp: 1410

Ion	Ratio	Lower	Upper
153	100		
152	53.6	41.0	61.4
154	87.8	70.8	106.2



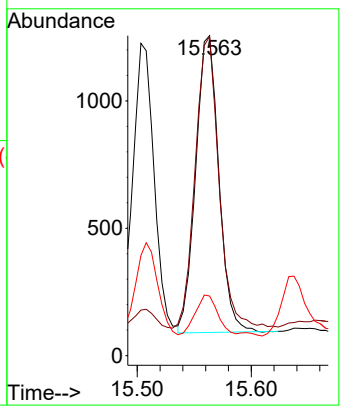


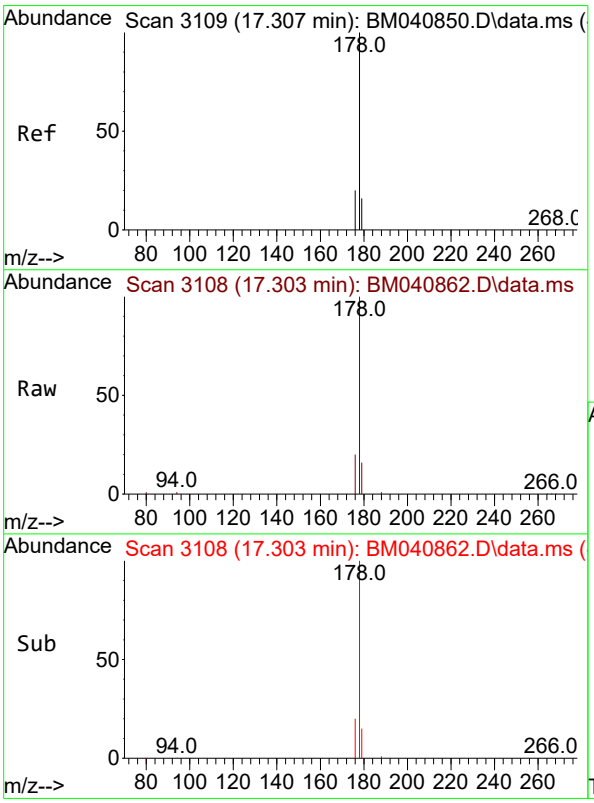
#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.563 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:166 Resp: 1641

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.6	119.4
167	18.6	11.4	17.0#

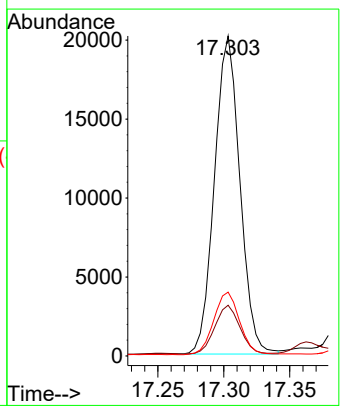


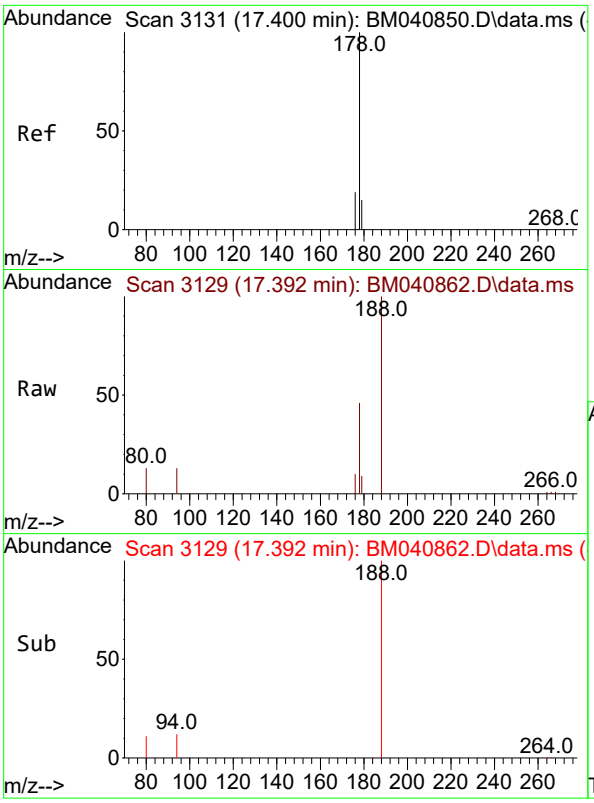


#15
Phenanthrene
Concen: 0.506 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:178 Resp: 27036

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	16.4	24.6



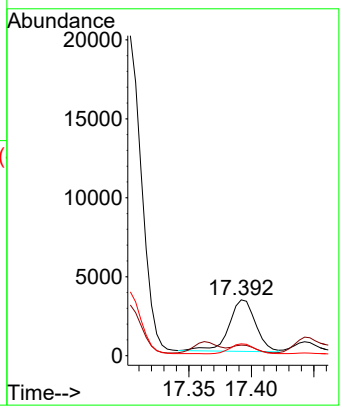


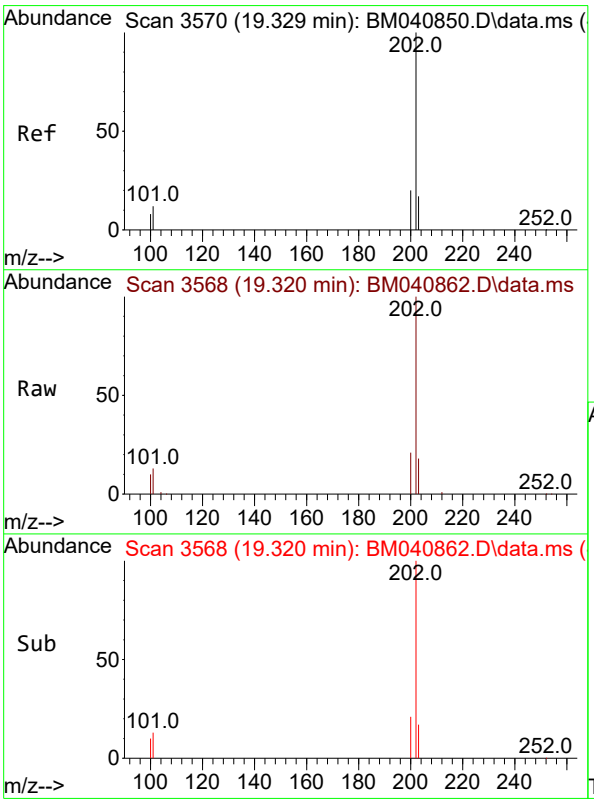
#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:178 Resp: 4830

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.9	19.3
176	21.2	15.8	23.6

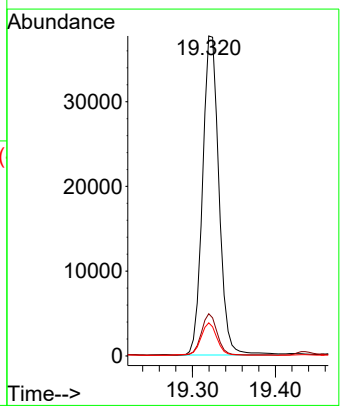


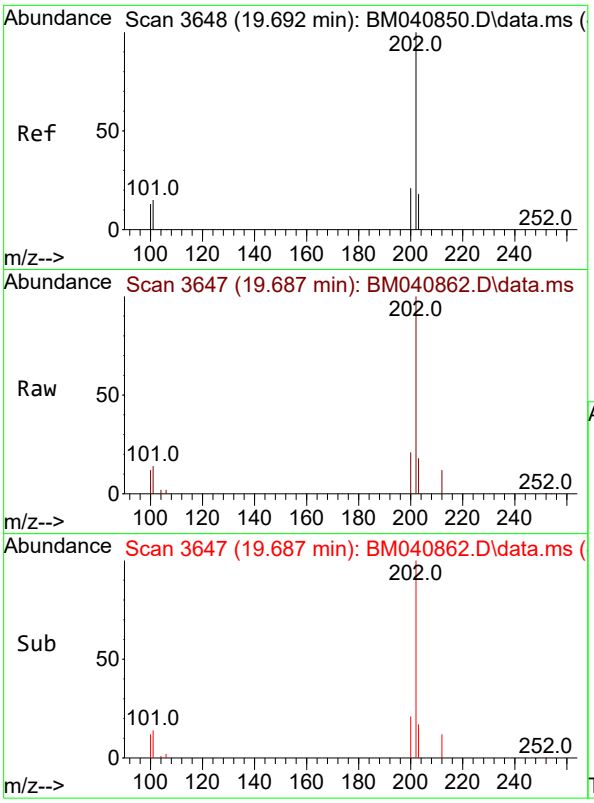


#19
Fluoranthene
Concen: 1.225 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:202 Resp: 51765

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	10.3	8.7	13.1



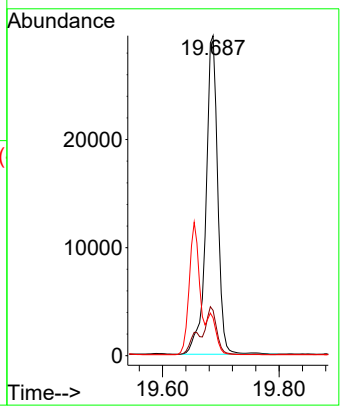


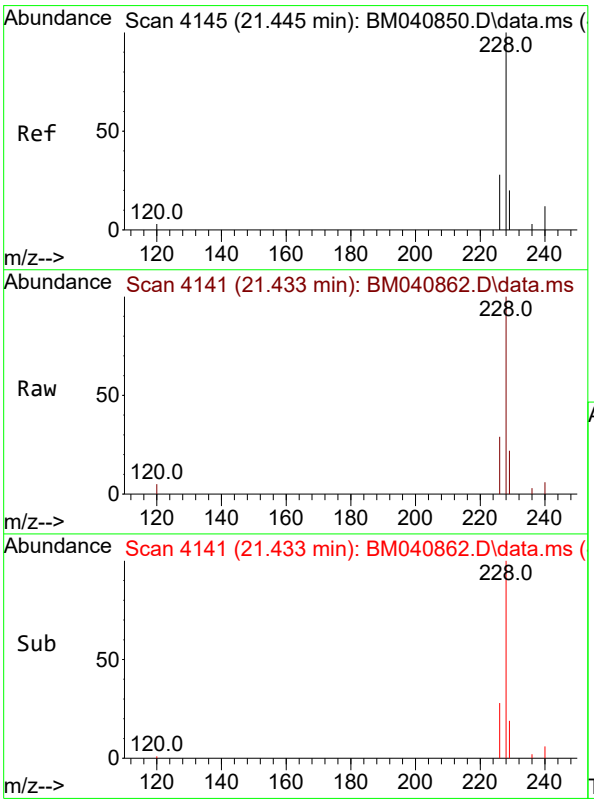
#20
Pyrene
Concen: 0.919 ng/ul
RT: 19.687 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:202 Resp: 41644

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.8	9.8	14.6

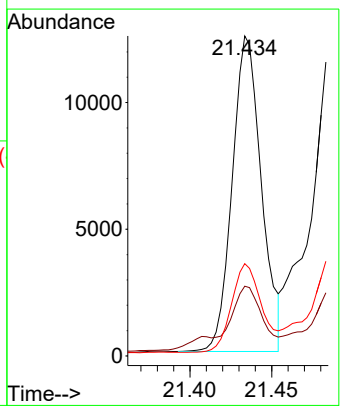


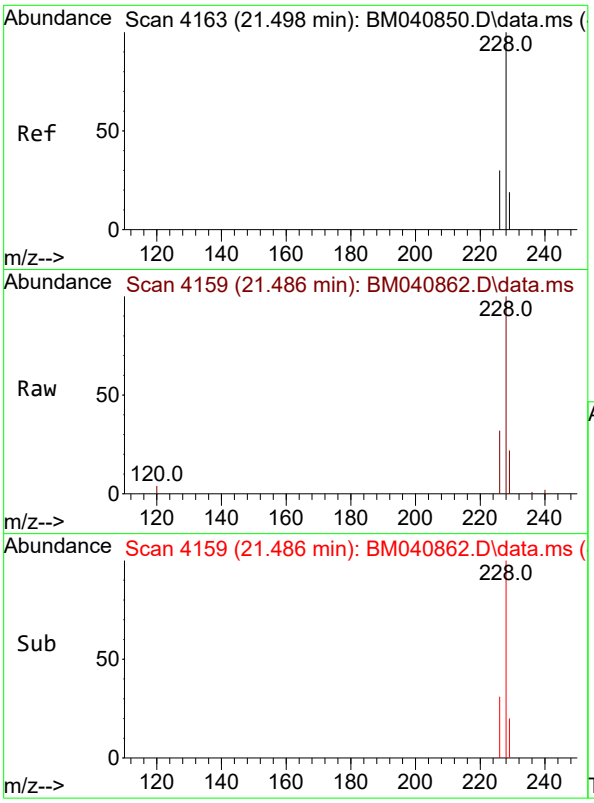


#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.433 min Scan# 4141
Delta R.T. -0.012 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:228 Resp: 15479

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	28.9	22.3	33.5



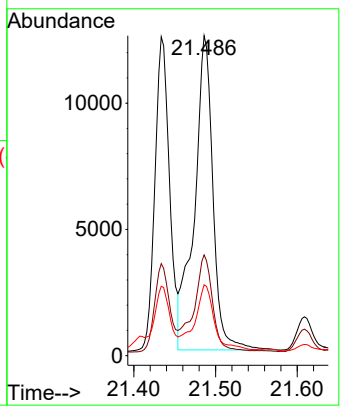


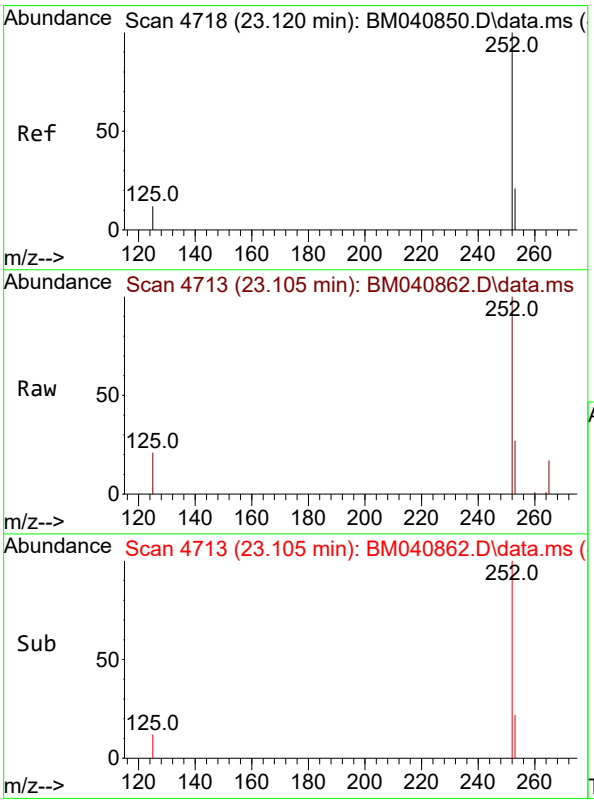
#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:228 Resp: 19750

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.1	15.8	23.6

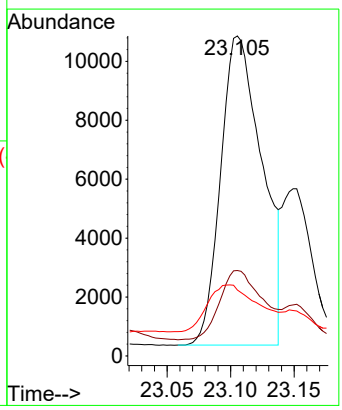


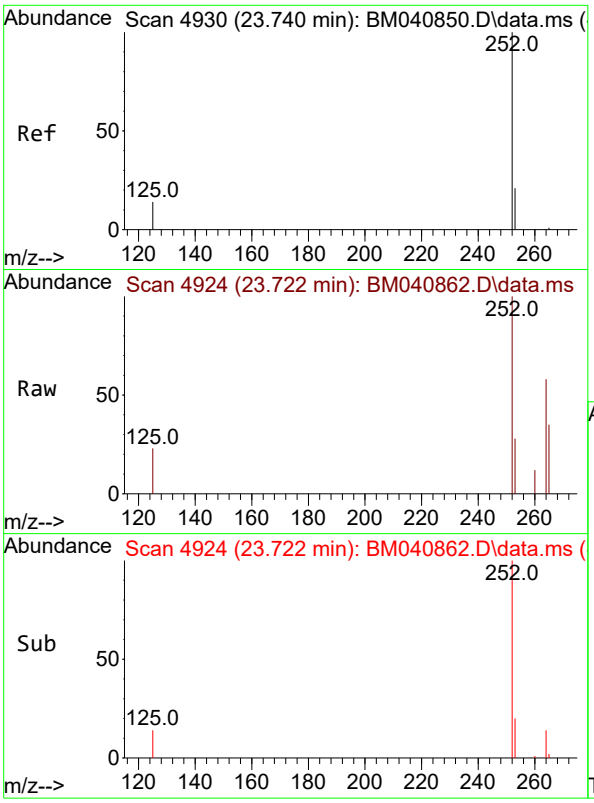


#24
Benzo(b)fluoranthene
Concen: 0.607 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.015 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:252 Resp: 23921

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	52.8
125	20.6	0.0	43.0



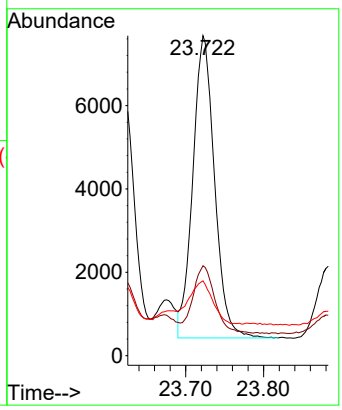


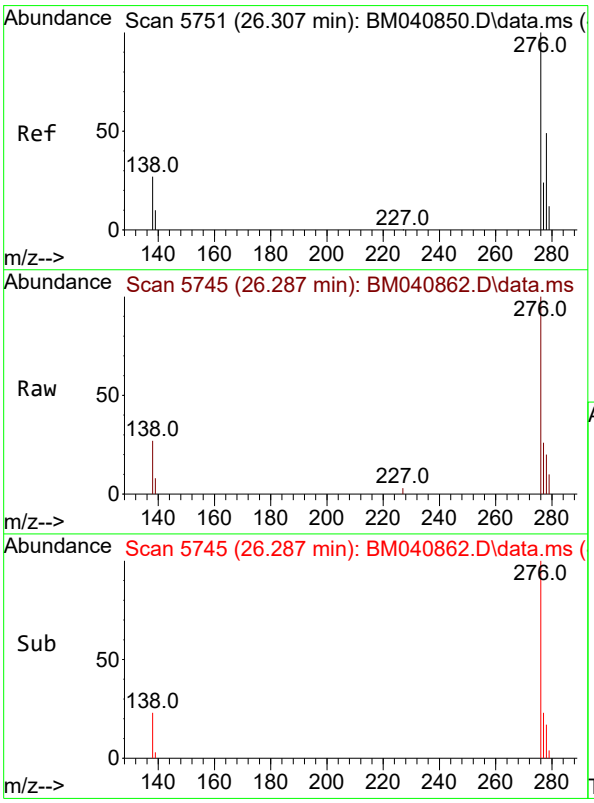
#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.722 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:252 Resp: 14014

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.9	34.3
125	23.4	21.0	31.4

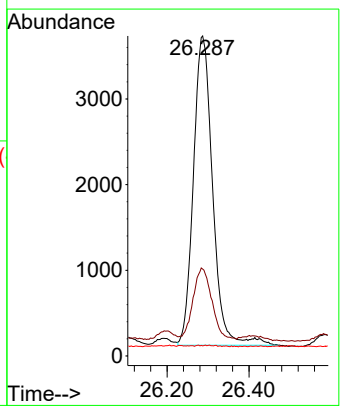


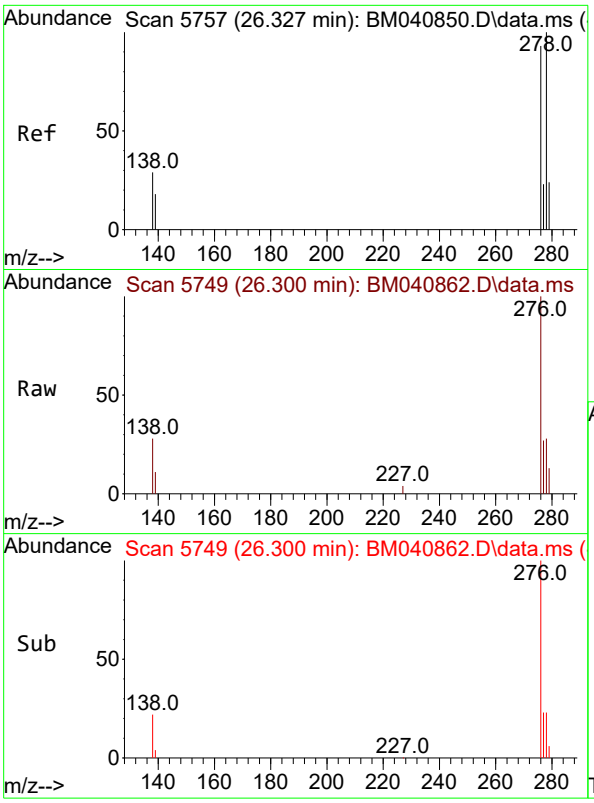


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:276 Resp: 11789

Ion	Ratio	Lower	Upper
276	100		
138	22.9	24.5	36.7#
227	0.1	0.1	0.1



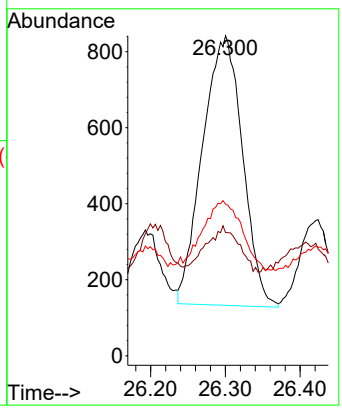


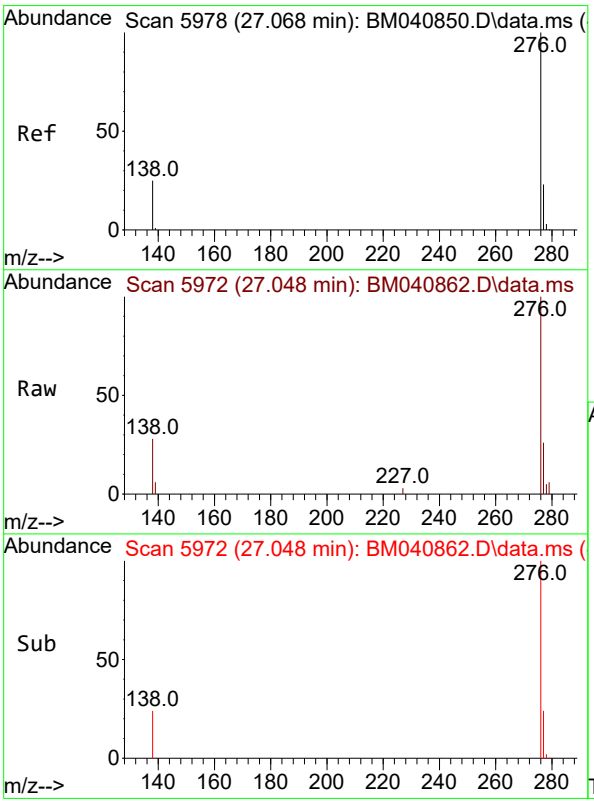
#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.300 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1

Tgt Ion:278 Resp: 2628

Ion	Ratio	Lower	Upper
278	100		
139	38.5	17.9	26.9#
279	47.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.020 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Tgt Ion:276 Resp: 11839

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.0	34.6
277	26.3	20.3	30.5