Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040894.D
Acq On : 15 Jul 2023 00:36
Operator : MA/JU
Sample : 03437-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46G6

Quant Time: Jul 15 04:00:55 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 : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	3437	0.400	ng/ul		0.00
4) Naphthalene-d8	10.664	136	11066	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.509	164	5103	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.257	188	9454	0.400	ng/ul		0.00
17) Chrysene-d12	21.451	240	6916	0.400	ng/ul		0.00
23) Perylene-d12	23.827	264	8129	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.280	96	47722	8.839	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.253	152	7246	0.467	ng/ul		0.00
18) Fluoranthene-d10	19.287	212	10846	0.489	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.713	128	12411	0.407	ng/ul		99
7) 2-Methylnaphthalene	12.330	142	656	0.037	ng/ul		97
10) Acenaphthylene	14.227	152	540	0.024	ng/ul	#	31
11) Acenaphthene	14.569	153	639	0.033	ng/ul		97
12) Fluorene	15.559	166	765	0.037	ng/ul	#	95
15) Phenanthrene	17.299	178	13150	0.448	ng/ul		100
16) Anthracene	17.392	178	2038	0.083	ng/ul	#	89
19) Fluoranthene	19.320	202	23143	0.788	ng/ul		97
20) Pyrene	19.682	202	17189	0.546	ng/ul		98
21) Benzo(a)anthracene	21.434	228	8054	0.344	ng/ul		98
22) Chrysene	21.486	228	11342	0.425	ng/ul		98
24) Benzo(b)fluoranthene	23.105	252	13247	0.421	ng/ul		95
26) Benzo(a)pyrene	23.719	252	2786	0.098	ng/ul	#	59
27) Indeno(1,2,3-cd)pyrene	26.287	276	4020	0.102	ng/ul	#	88
28) Dibenzo(a,h)anthracene	26.297	278	1729	0.056	ng/ul	#	56

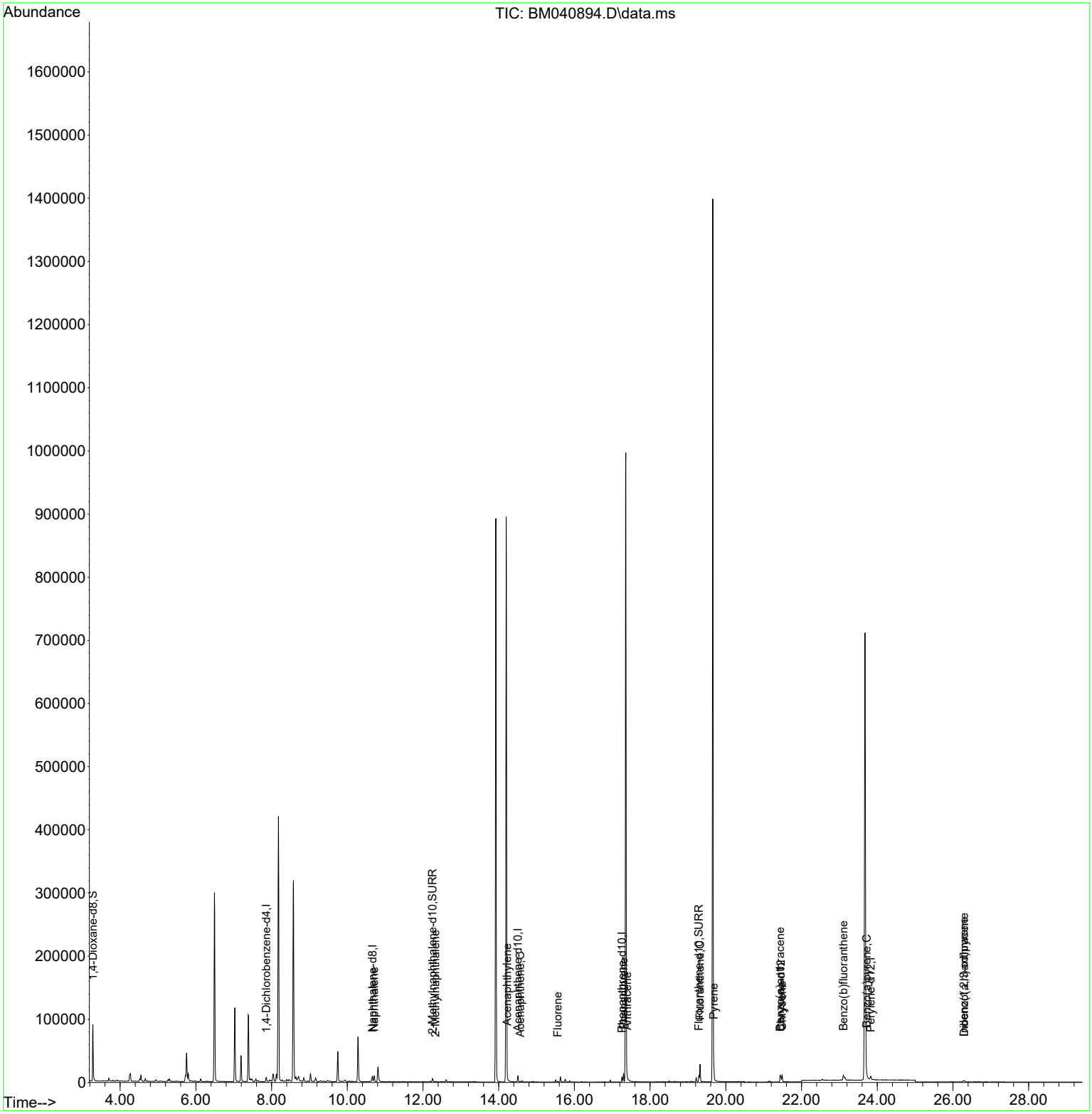
(#) = qualifier out of range (m) = manual integration (+) = signals summed

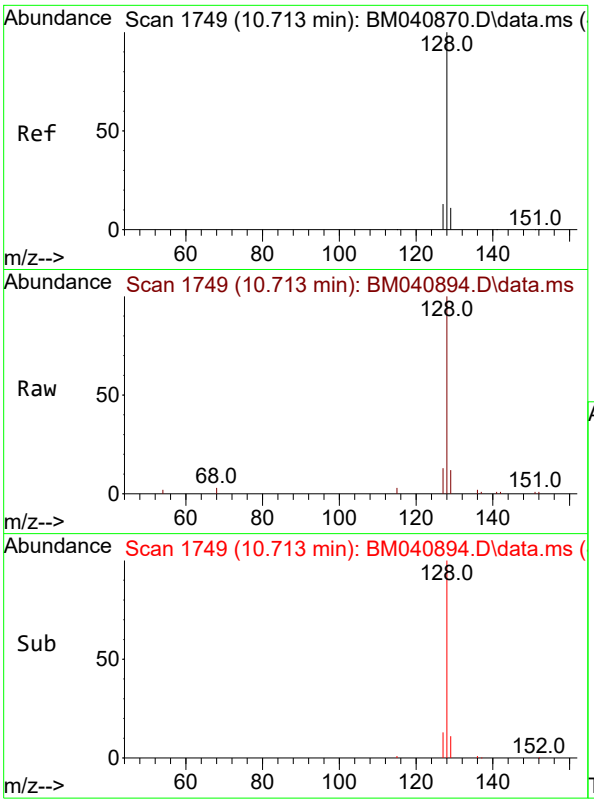
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040894.D
Acq On : 15 Jul 2023 00:36
Operator : MA/JU
Sample : 03437-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46G6

Quant Time: Jul 15 04:00:55 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 : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration



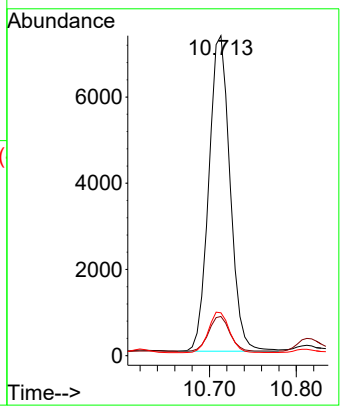


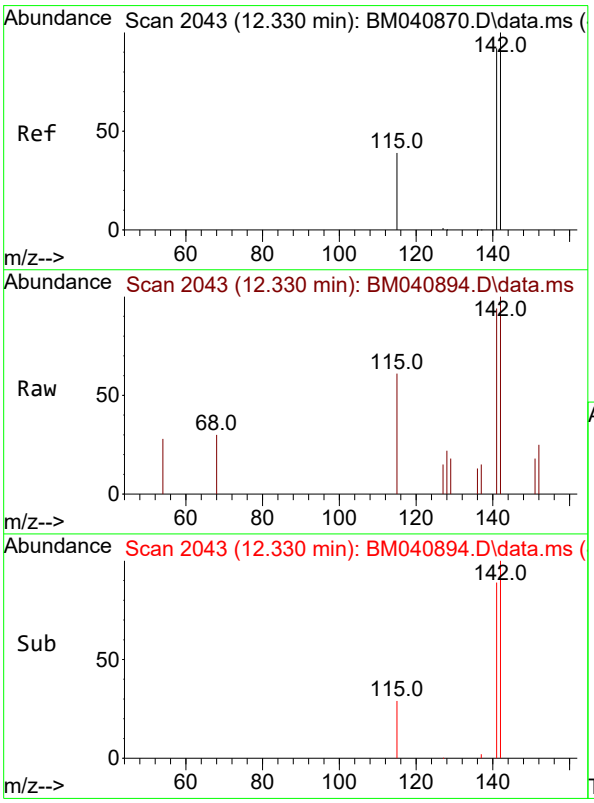
#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:128 Resp: 12411

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.4	10.6	15.8

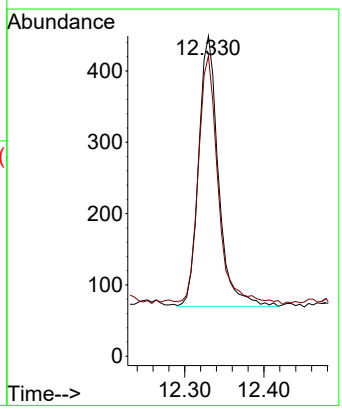


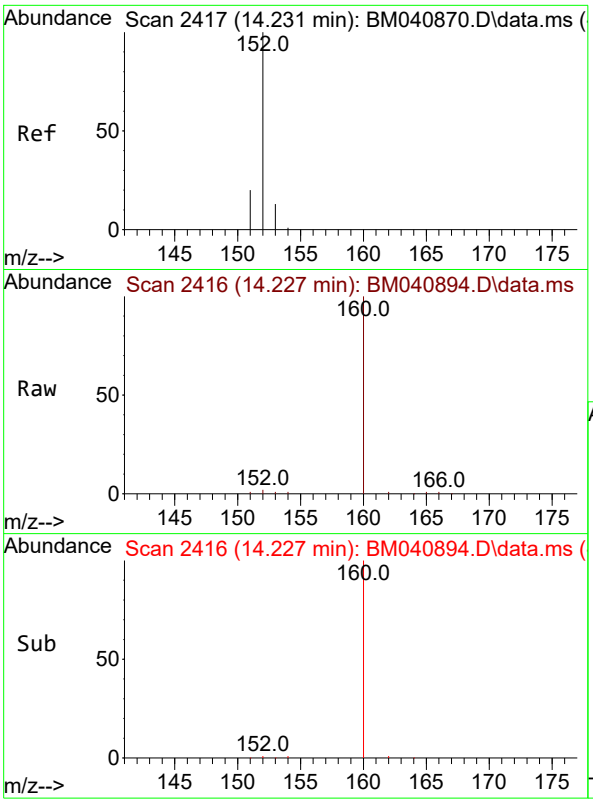


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:142 Resp: 656

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.9	107.9



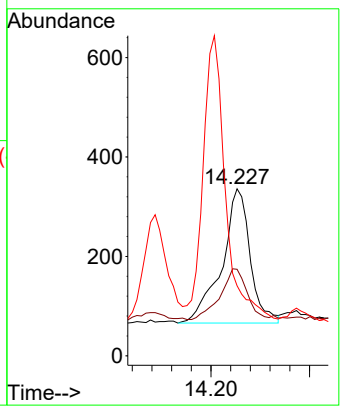


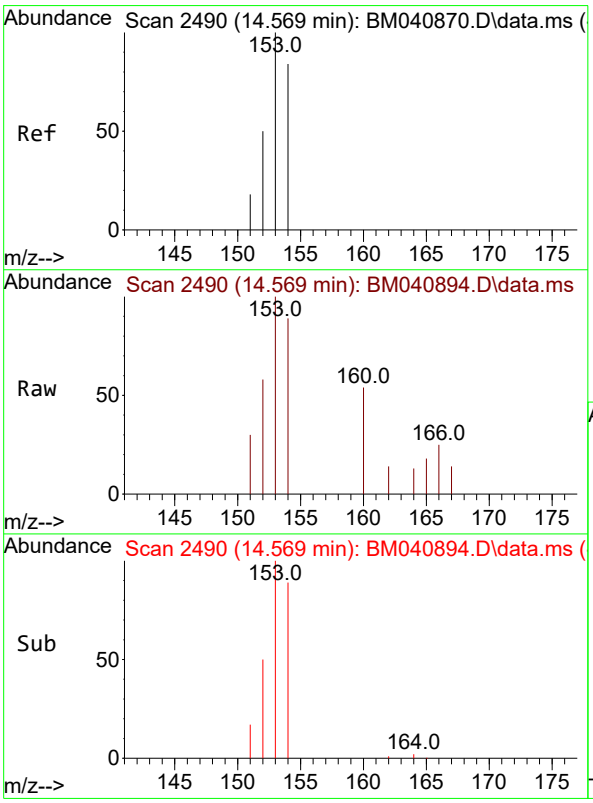
#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.227 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:152 Resp: 540

Ion	Ratio	Lower	Upper
152	100		
151	51.8	16.2	24.2#
153	42.0	10.9	16.3#

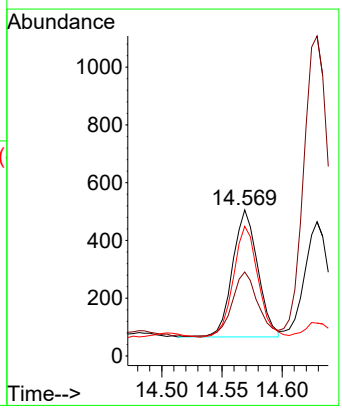


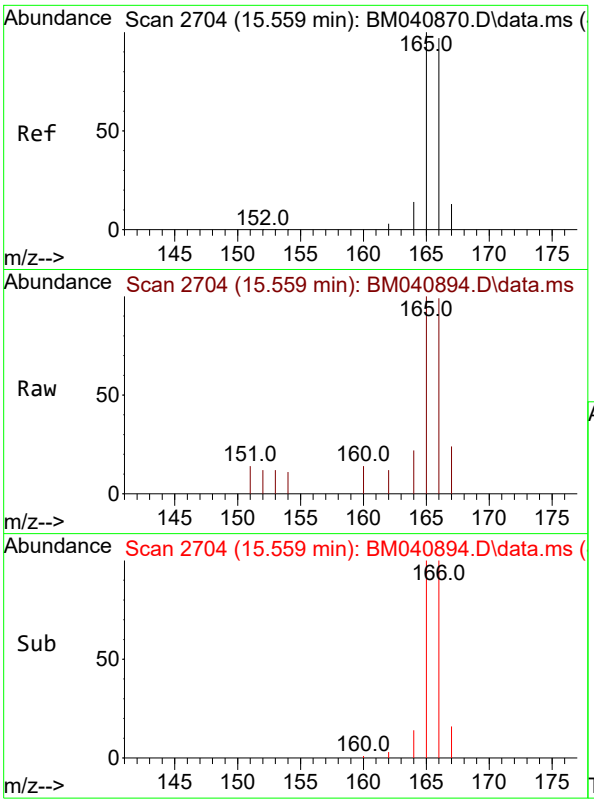


#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:153 Resp: 639

Ion	Ratio	Lower	Upper
153	100		
152	57.5	41.0	61.4
154	88.7	70.8	106.2



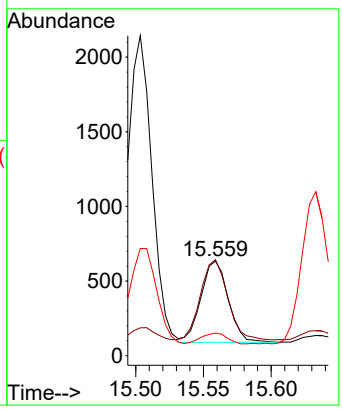


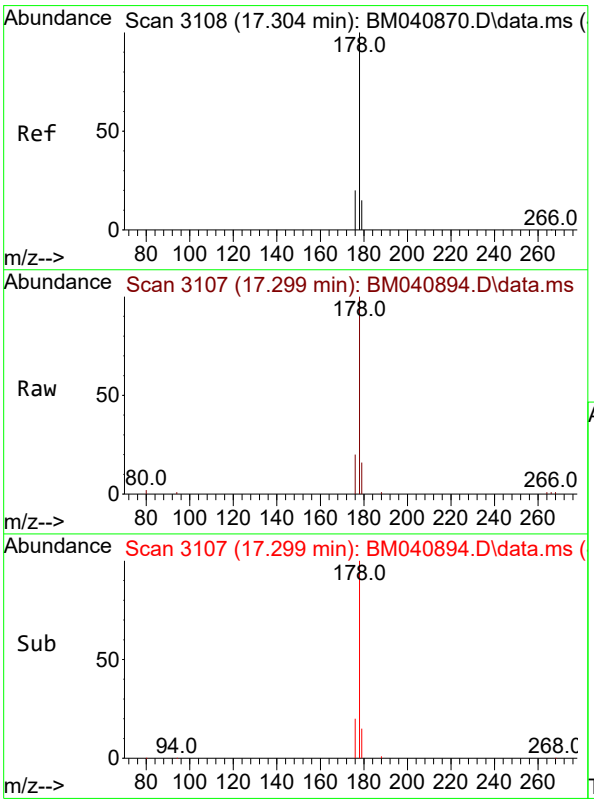
#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.559 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:166 Resp: 765

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.6	119.4
167	24.0	11.4	17.0#

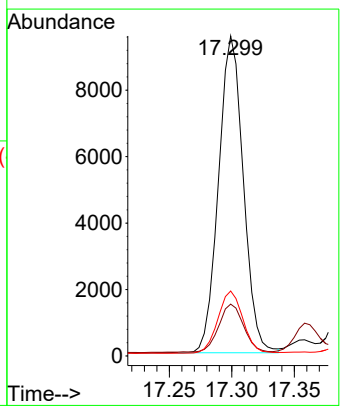


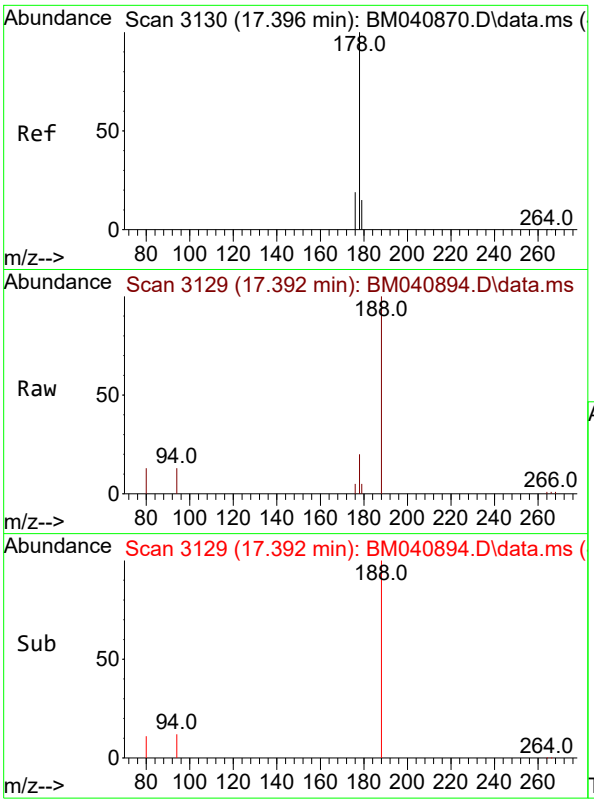


#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:178 Resp: 13150

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.3	16.4	24.6



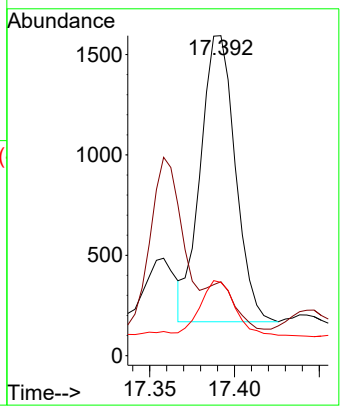


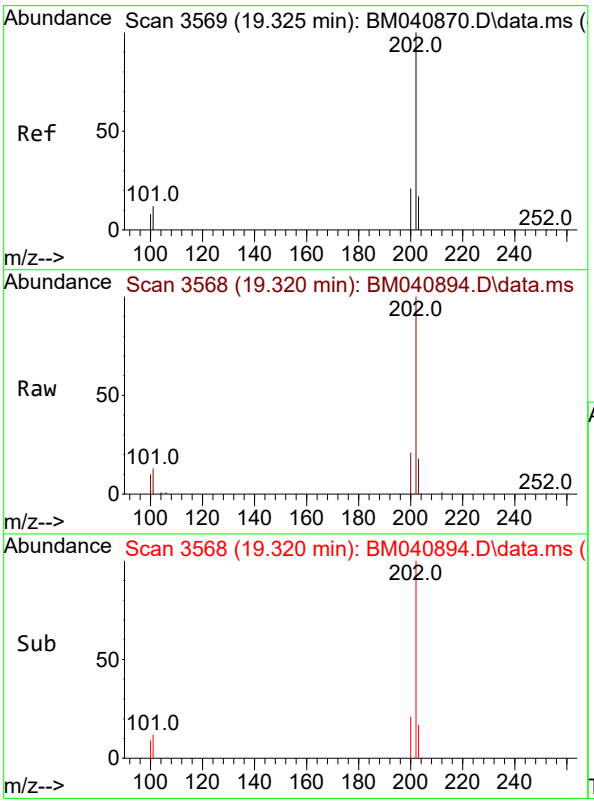
#16
Anthracene
Concen: 0.083 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:178 Resp: 2038

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.9	19.3#
176	22.9	15.8	23.6

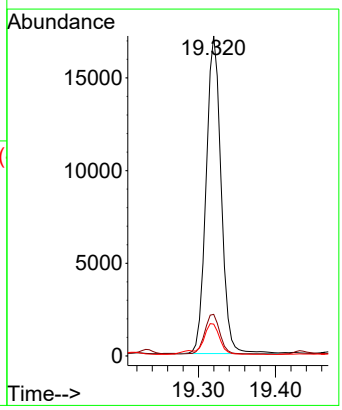


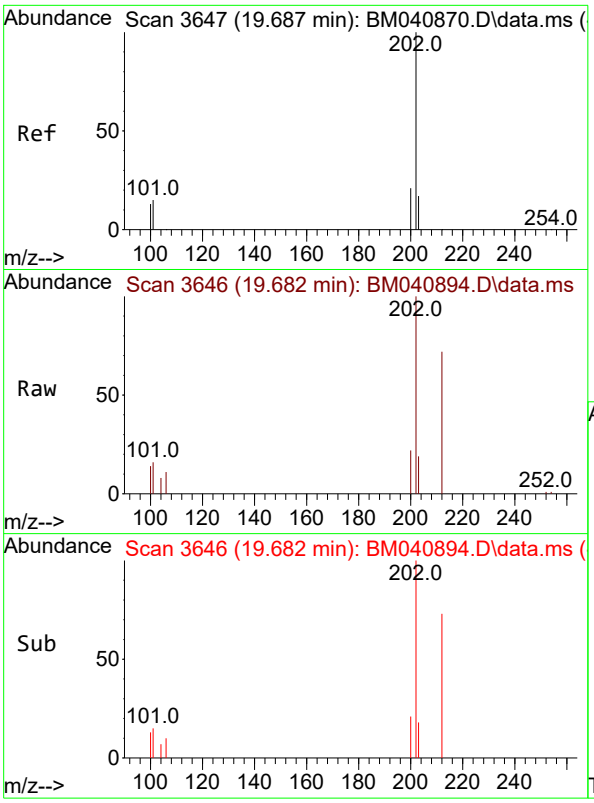


#19
Fluoranthene
Concen: 0.788 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:202 Resp: 23143

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	10.0	8.7	13.1



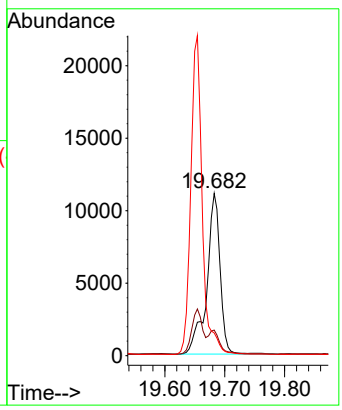


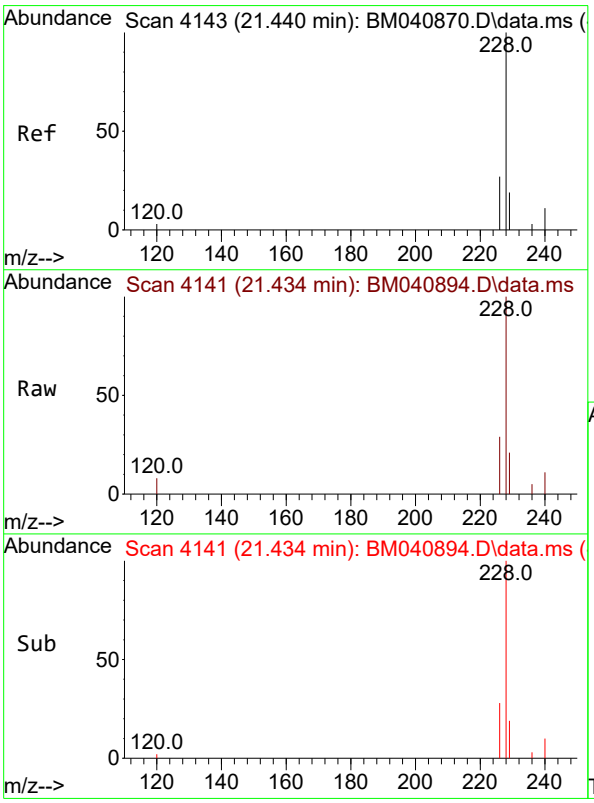
#20
Pyrene
Concen: 0.546 ng/ul
RT: 19.682 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:202 Resp: 17189

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.6	18.8
100	14.1	9.8	14.6

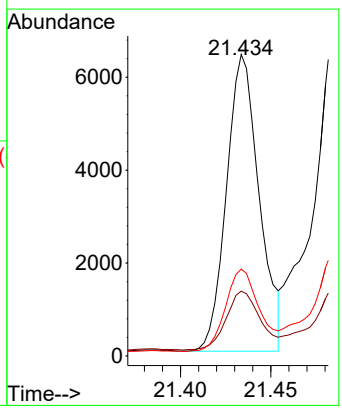


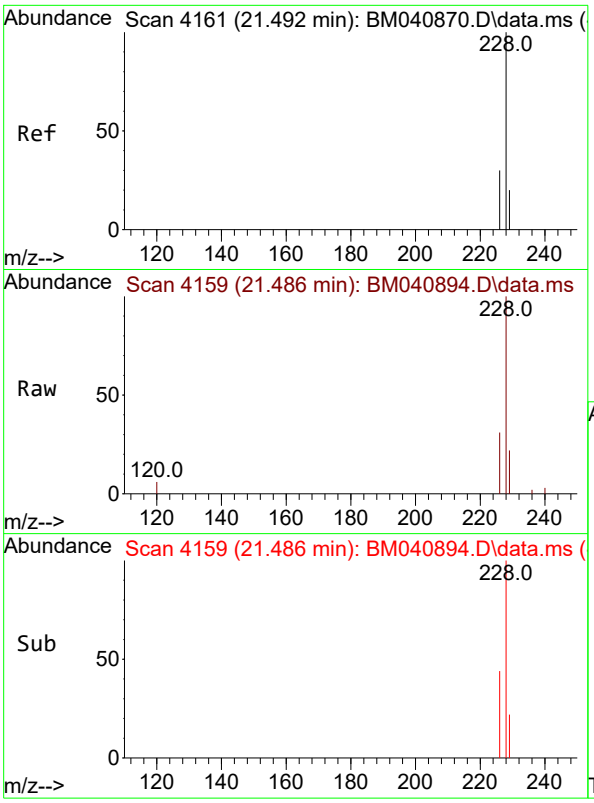


#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:228 Resp: 8054

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.0	24.0
226	28.8	22.3	33.5



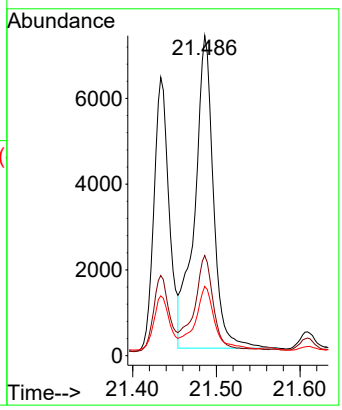


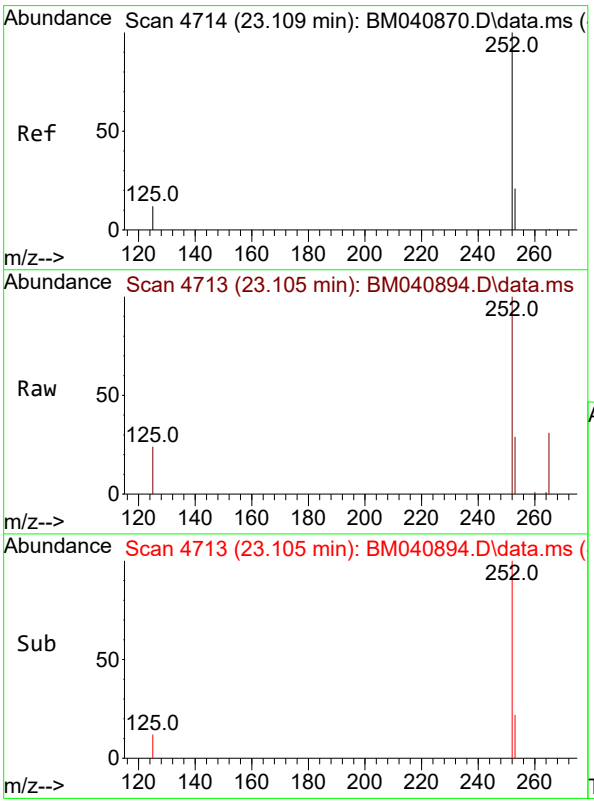
#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:228 Resp: 11342

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.6	15.8	23.6

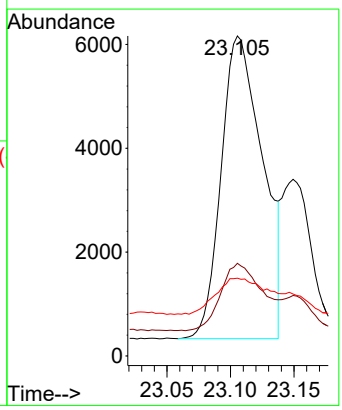


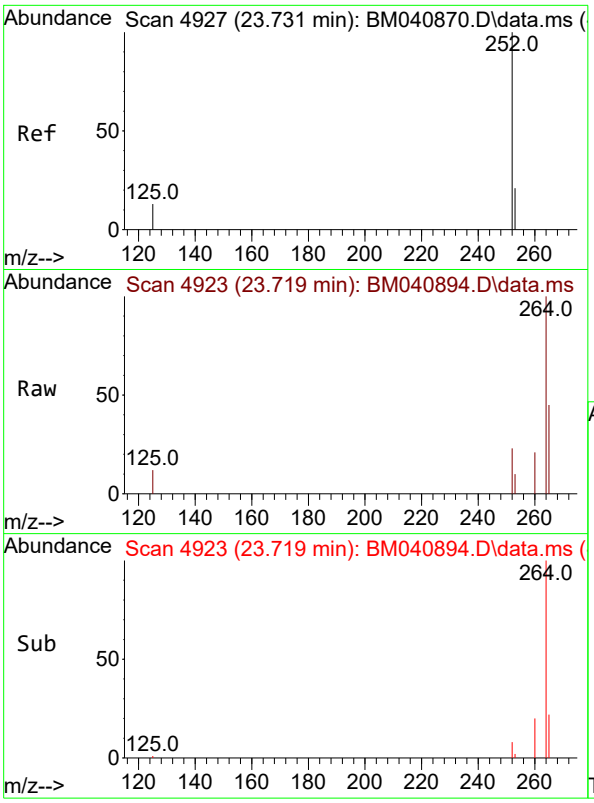


#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:252 Resp: 13247

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	52.8
125	24.3	0.0	43.0



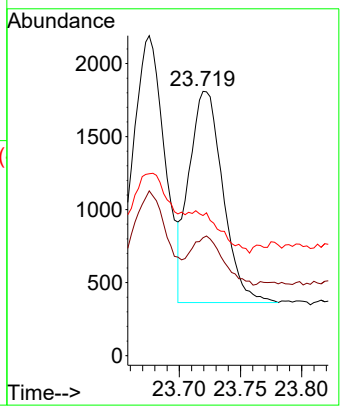


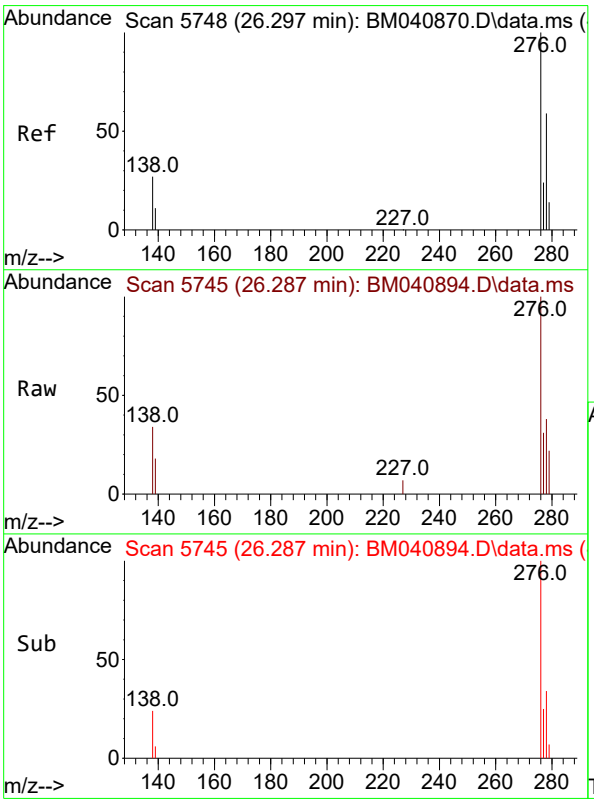
#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.719 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:252 Resp: 2786

Ion	Ratio	Lower	Upper
252	100		
253	44.6	22.9	34.3#
125	53.0	21.0	31.4#

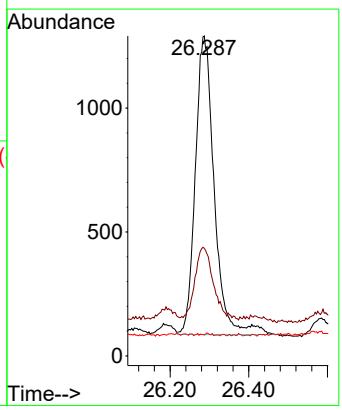


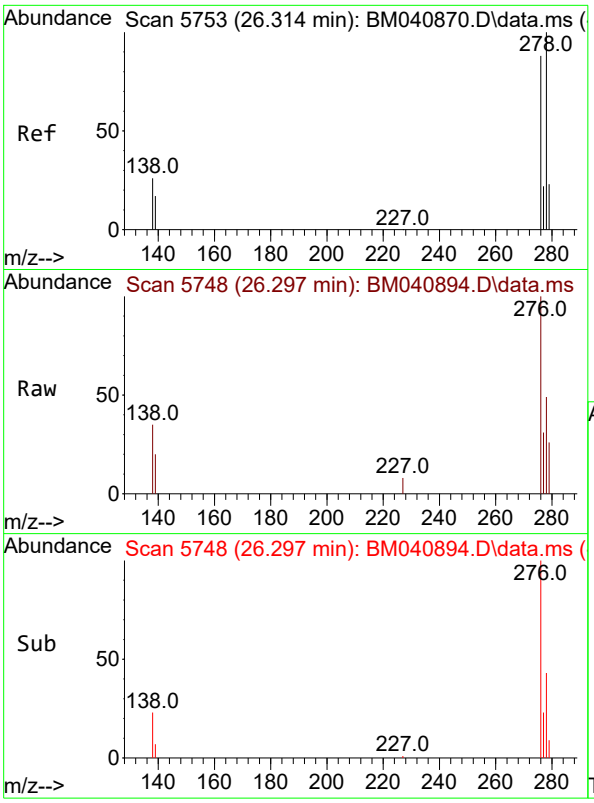


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:276 Resp: 4020

Ion	Ratio	Lower	Upper
276	100		
138	23.8	24.5	36.7#
227	0.2	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.297 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
A46G6

Tgt Ion:278 Resp: 1729

Ion	Ratio	Lower	Upper
278	100		
139	40.4	17.9	26.9#
279	53.0	22.0	33.0#