Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041714.D
Acq On : 08 Sep 2023 03:05
Operator : MA/JU
Sample : PB155166BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS166

Quant Time: Sep 08 03:52:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	17318	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	7597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	14869	0.400	ng/ul	-0.01
17) Chrysene-d12	21.556	240	5017	0.400	ng/ul	-0.01
23) Perylene-d12	23.982	264	4702	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	6612	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	8639	0.388	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	10384	0.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	15907	1.432	ng/ul	90
5) Naphthalene	10.867	128	19249	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	11532	0.357	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	12235	0.377	ng/ul	100
10) Acenaphthylene	14.365	152	16373	0.349	ng/ul	99
11) Acenaphthene	14.703	153	12778	0.350	ng/ul	98
12) Fluorene	15.688	166	14279	0.349	ng/ul	99
14) Pentachlorophenol	17.012	266	3288	0.553	ng/ul	99
15) Phenanthrene	17.430	178	22214	0.354	ng/ul	100
16) Anthracene	17.523	178	19210	0.357	ng/ul	99
19) Fluoranthene	19.440	202	22382	0.378	ng/ul	98
20) Pyrene	19.803	202	22534	0.383	ng/ul	98
21) Benzo(a)anthracene	21.539	228	14256	0.348	ng/ul	100
22) Chrysene	21.594	228	14685	0.333	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	13689	0.325	ng/ul	97
25) Benzo(k)fluoranthene	23.284	252	12841	0.312	ng/ul	96
26) Benzo(a)pyrene	23.874	252	10860	0.318	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.501	276	14109	0.301	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.525	278	10043	0.305	ng/ul	99
29) Benzo(g,h,i)perylene	27.283	276	12151	0.292	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041714.D
Acq On : 08 Sep 2023 03:05
Operator : MA/JU
Sample : PB155166BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
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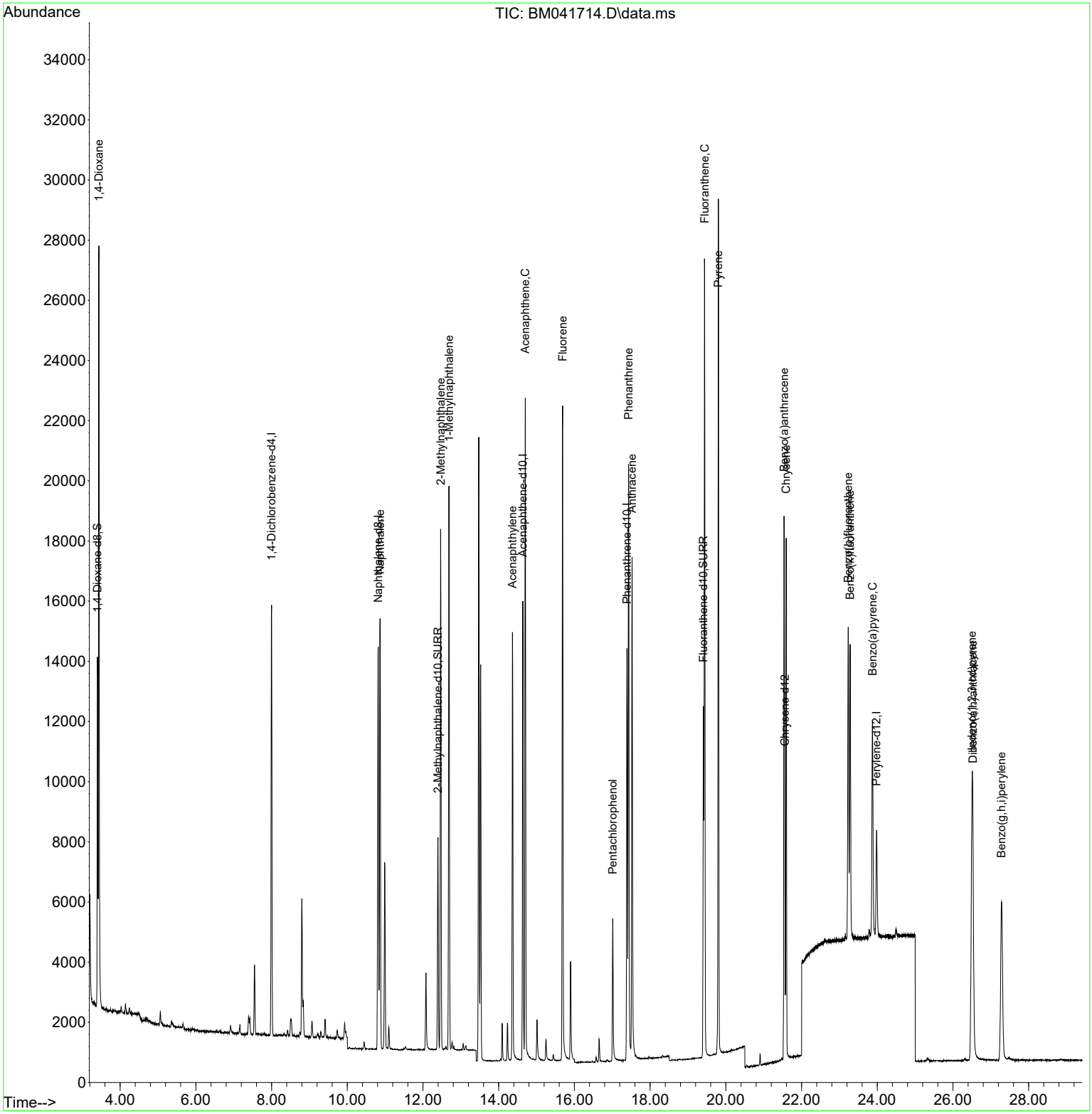
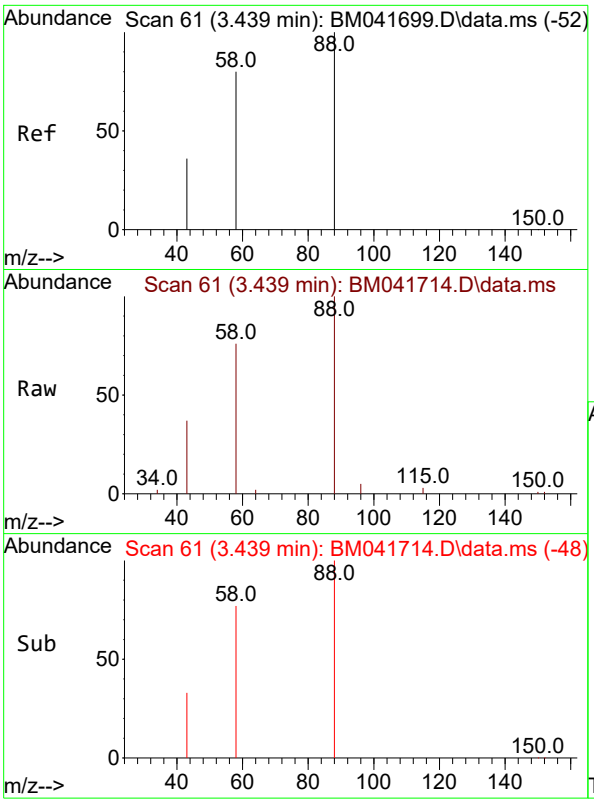
Quant Time: Sep 08 03:52:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



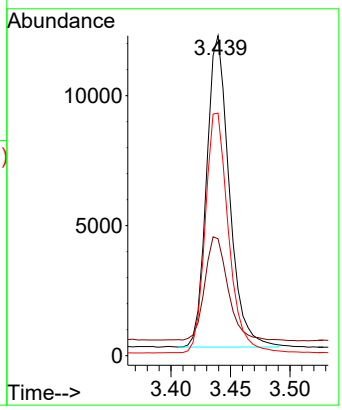


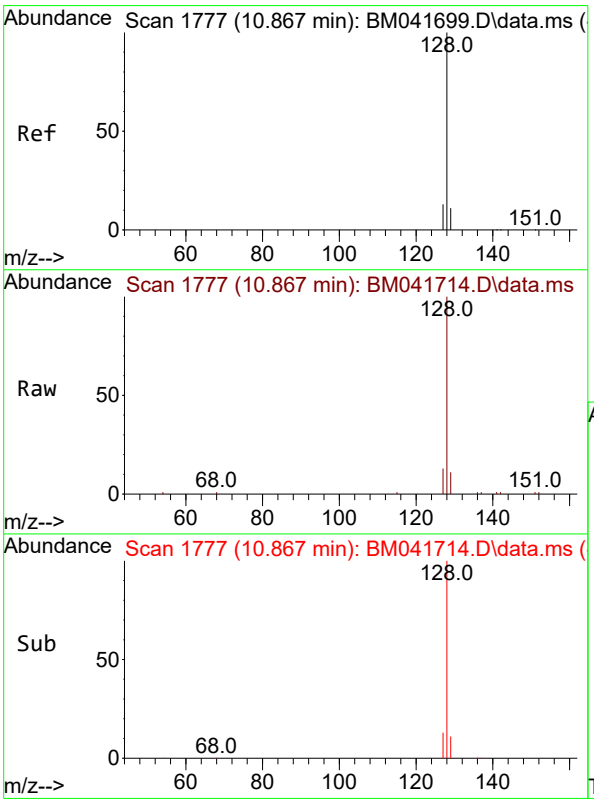
#2
1,4-Dioxane
Concen: 1.432 ng/ul
RT: 3.439 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion: 88 Resp: 15907

Ion	Ratio	Lower	Upper
88	100		
43	36.6	33.8	50.6
58	75.8	54.2	81.2

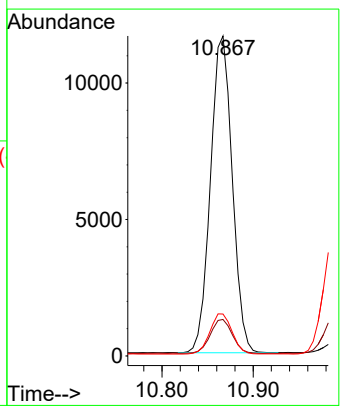


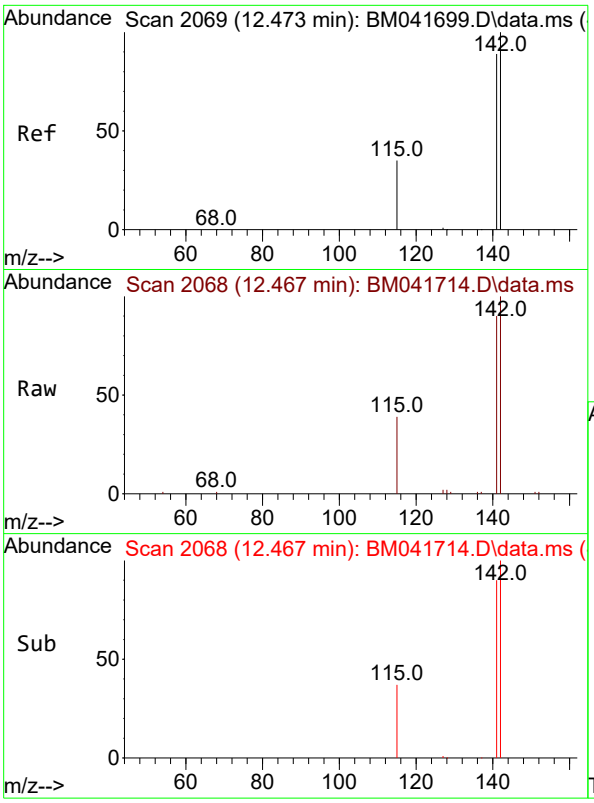


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:128 Resp: 19249

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.1	11.0	16.6



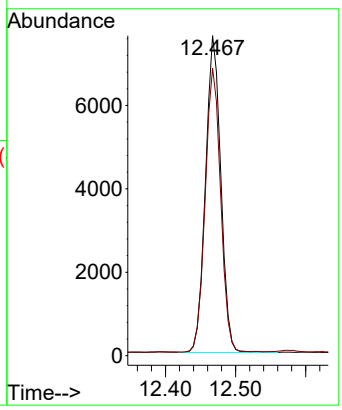


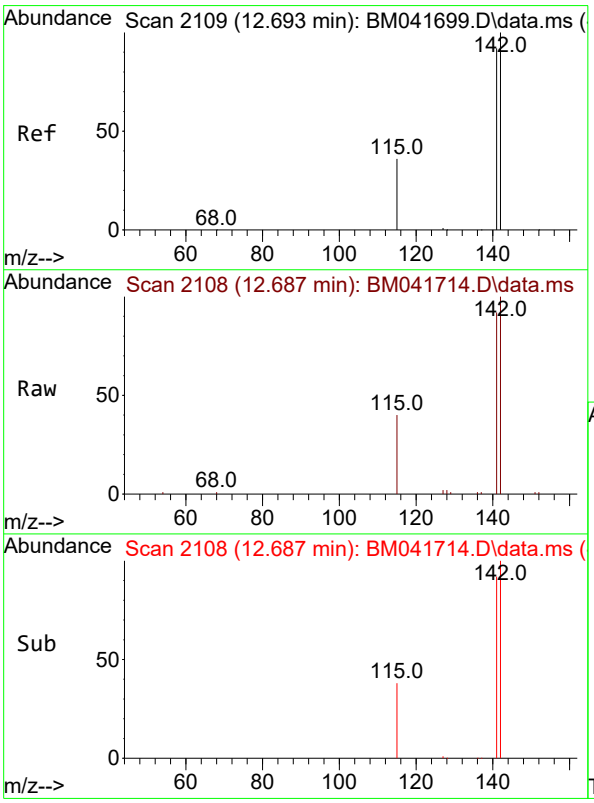
#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:142 Resp: 11532

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.2

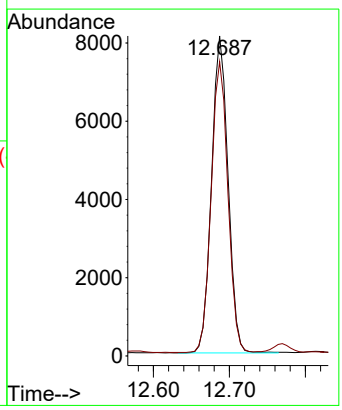


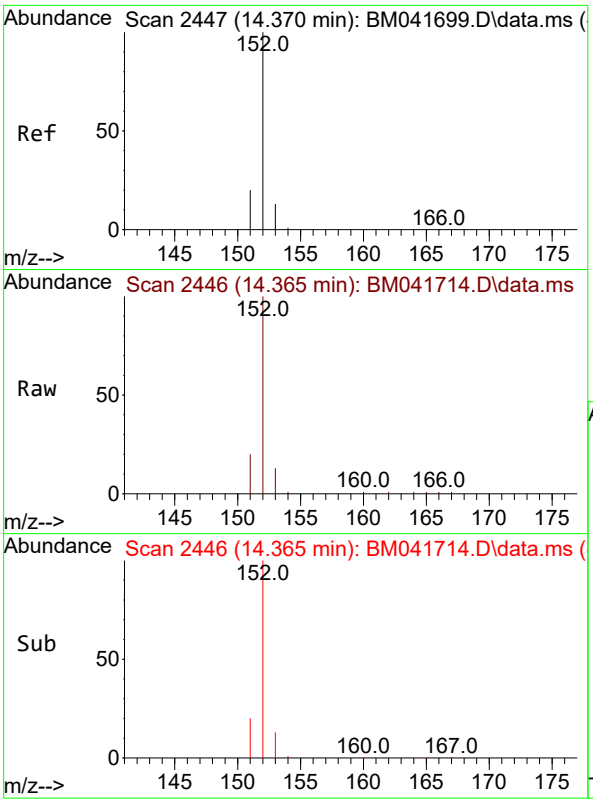


#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:142 Resp: 12235

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.4	111.6



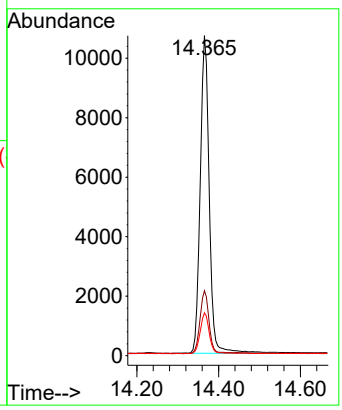


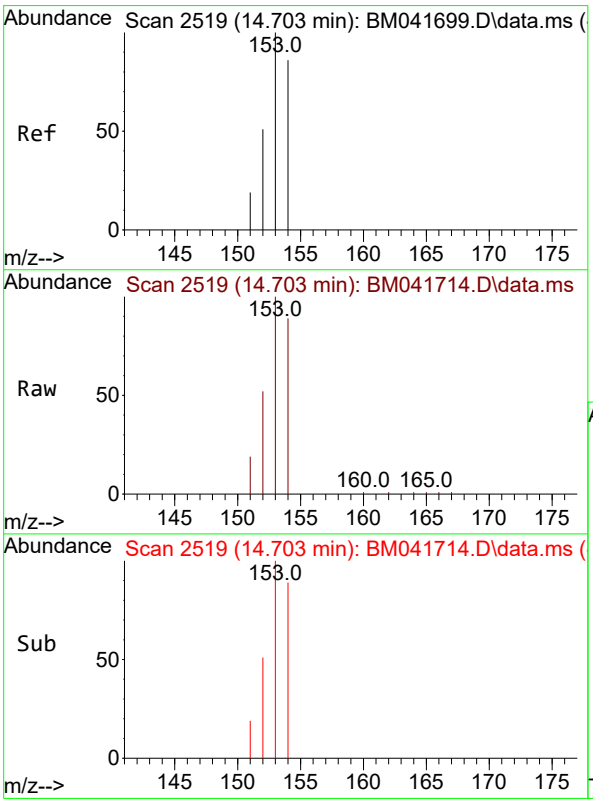
#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.365 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:152 Resp: 16373

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.4	11.1	16.7

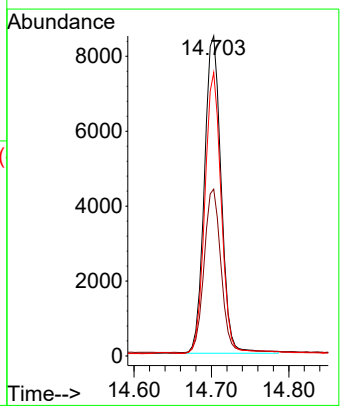


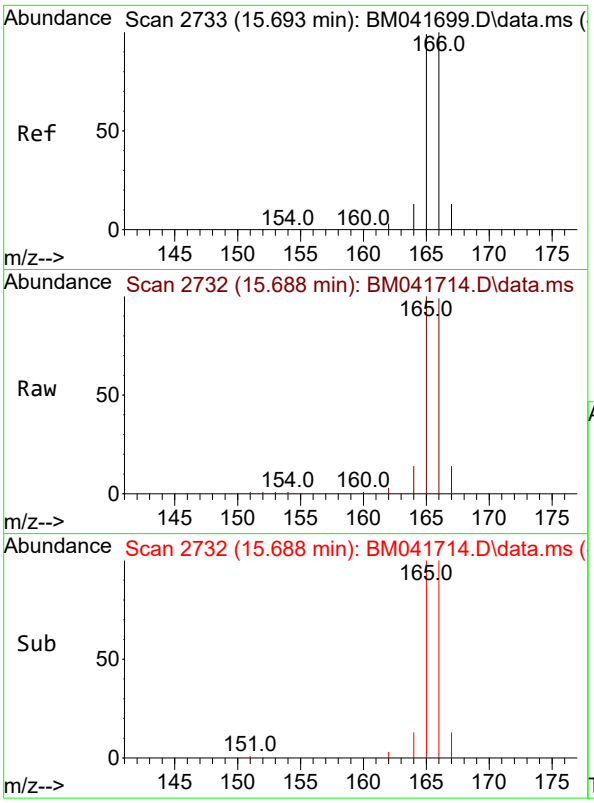


#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:153 Resp: 12778

Ion	Ratio	Lower	Upper
153	100		
152	52.2	43.4	65.2
154	88.6	69.4	104.0



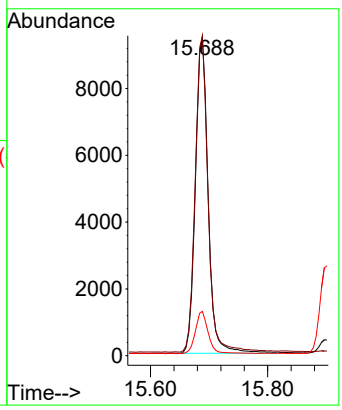


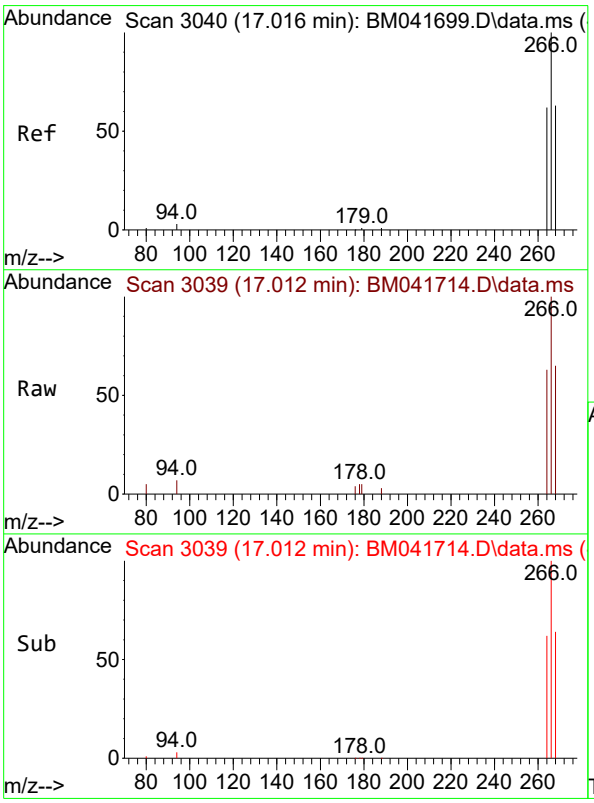
#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.688 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:166 Resp: 14279

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.4	119.2
167	13.9	11.3	16.9

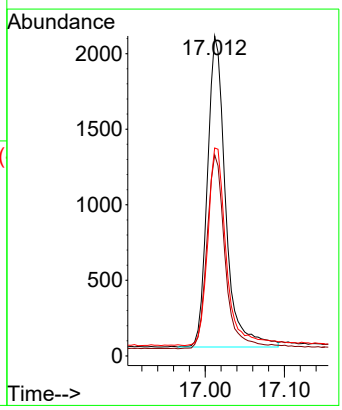


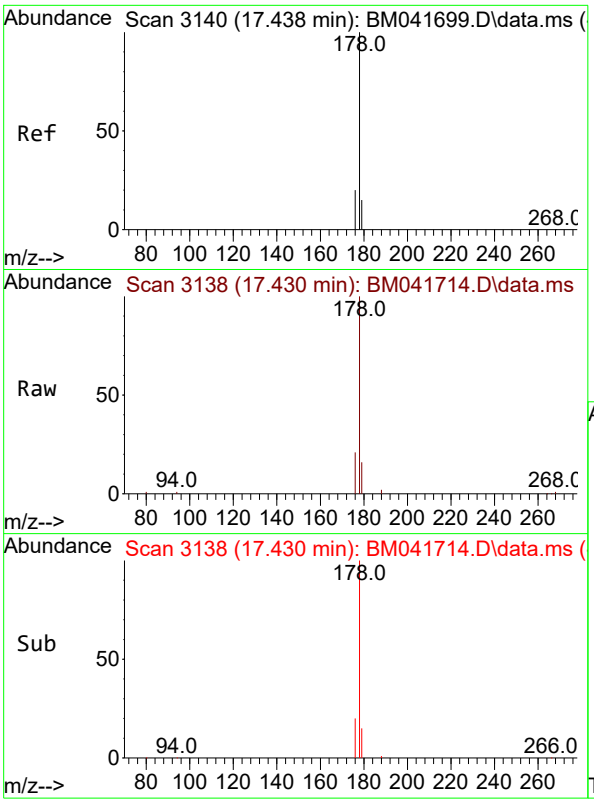


#14
Pentachlorophenol
Concen: 0.553 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.013 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:266 Resp: 3288

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.0	75.0
268	64.8	50.8	76.2



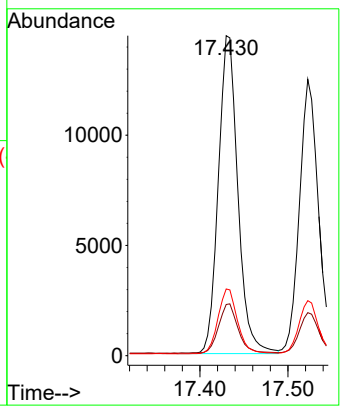


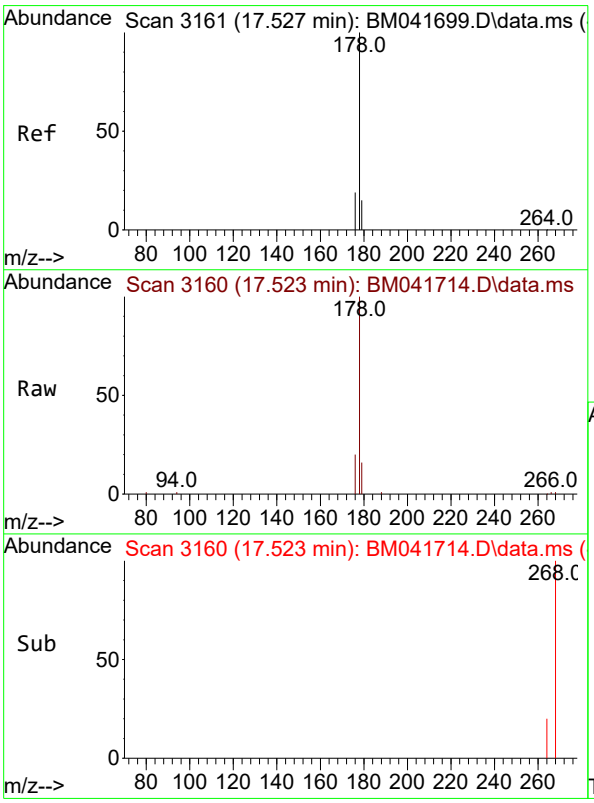
#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.430 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:178 Resp: 22214

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.8	16.9	25.3

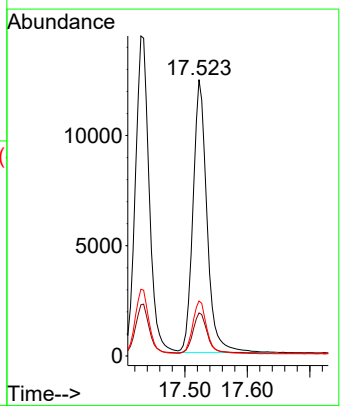


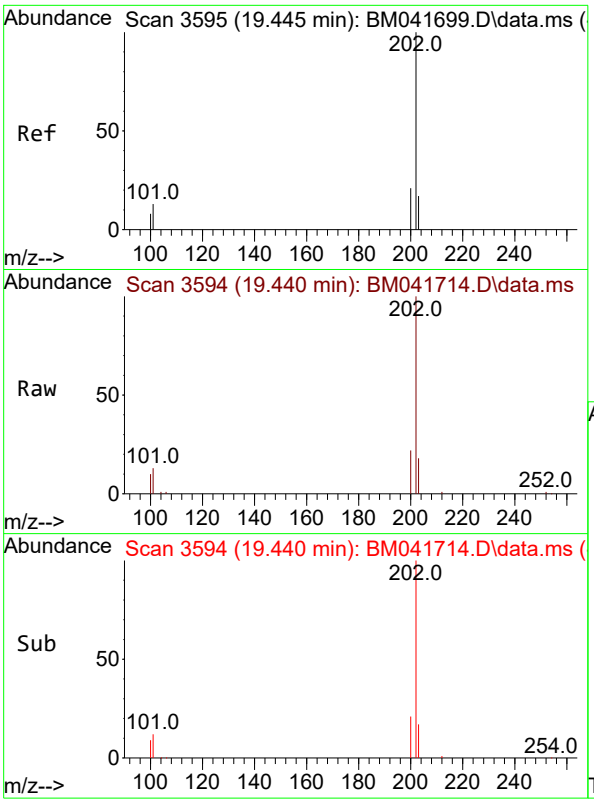


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:178 Resp: 19210

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.9	15.8	23.8



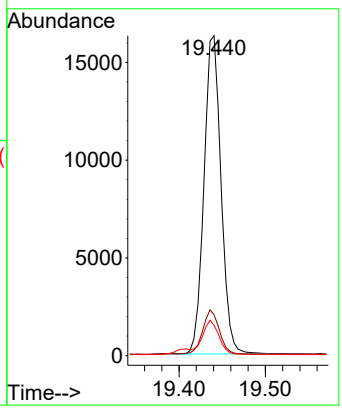


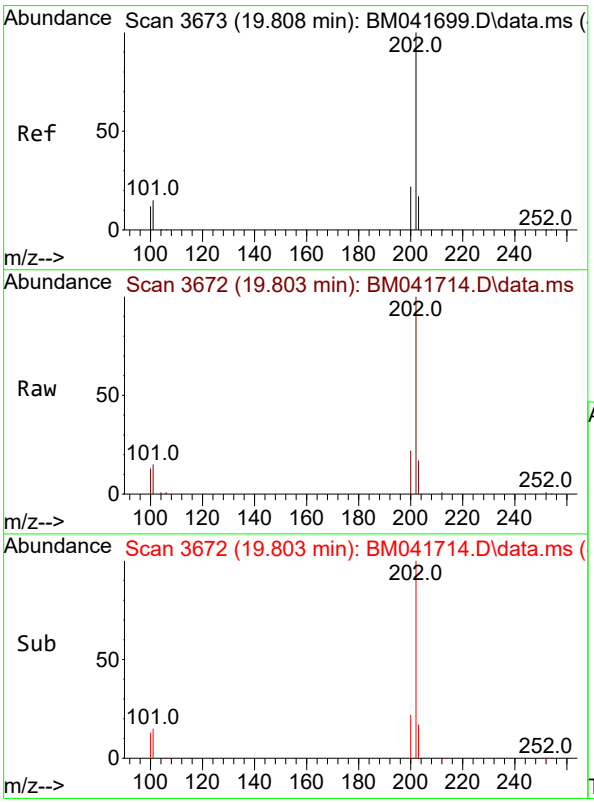
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:202 Resp: 22382

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.5	15.7
100	9.5	8.4	12.6

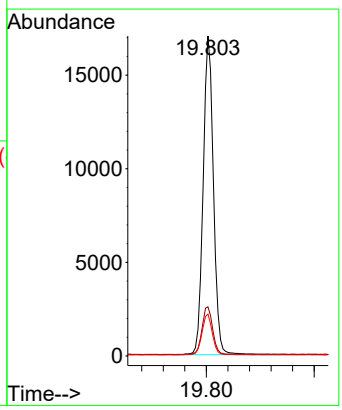


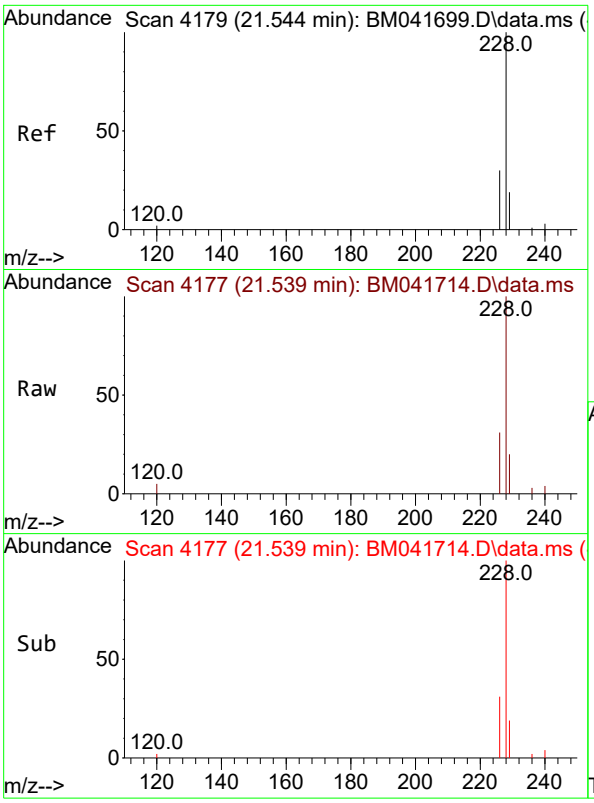


#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:202 Resp: 22534

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.8	17.8
100	13.1	9.8	14.6



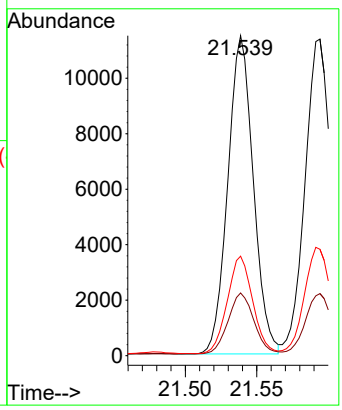


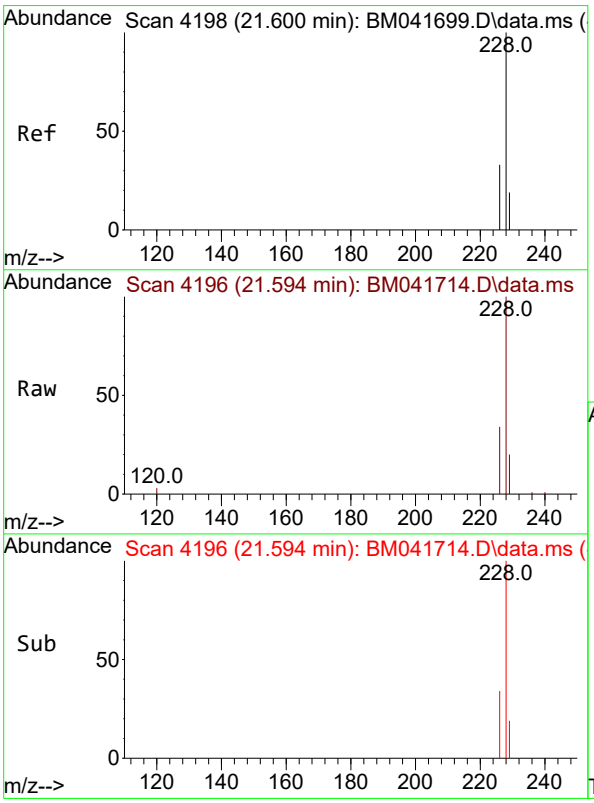
#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:228 Resp: 14256

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	31.1	24.8	37.2

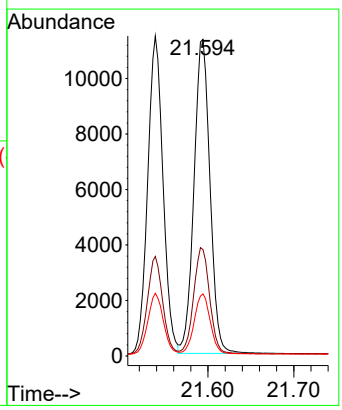


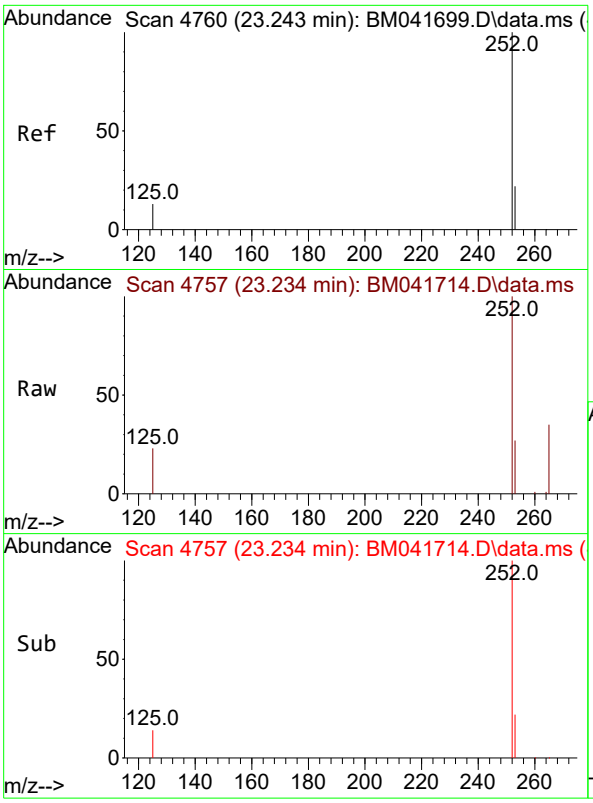


#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.594 min Scan# 4196
Delta R.T. -0.015 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:228 Resp: 14685

Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.0	40.6
229	19.6	15.4	23.2



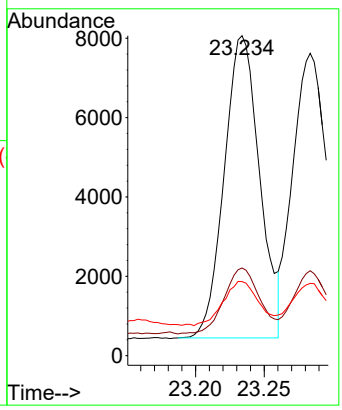


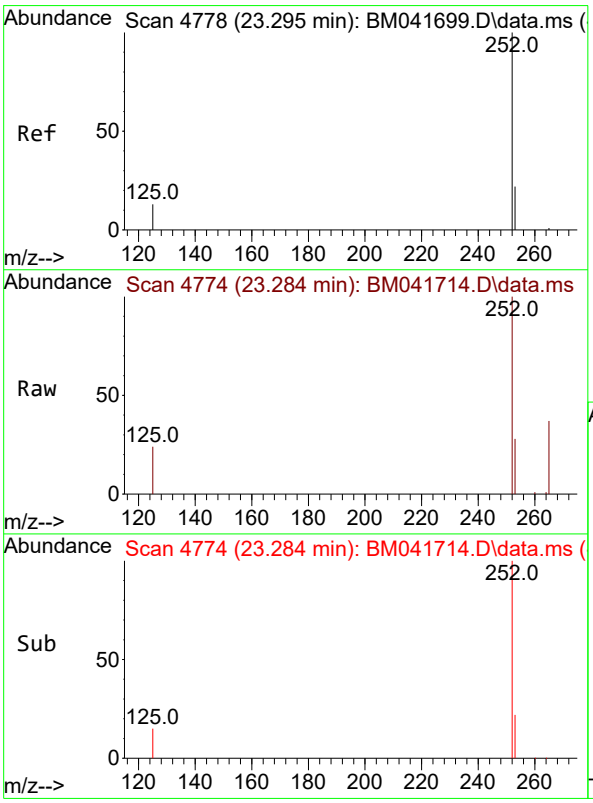
#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:252 Resp: 13689

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	52.4
125	23.2	0.0	42.8

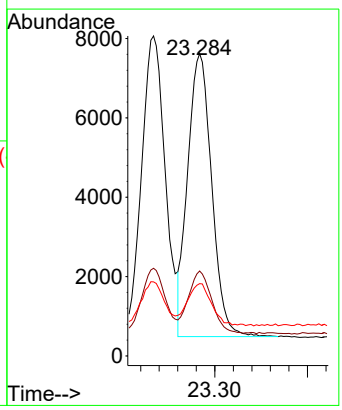


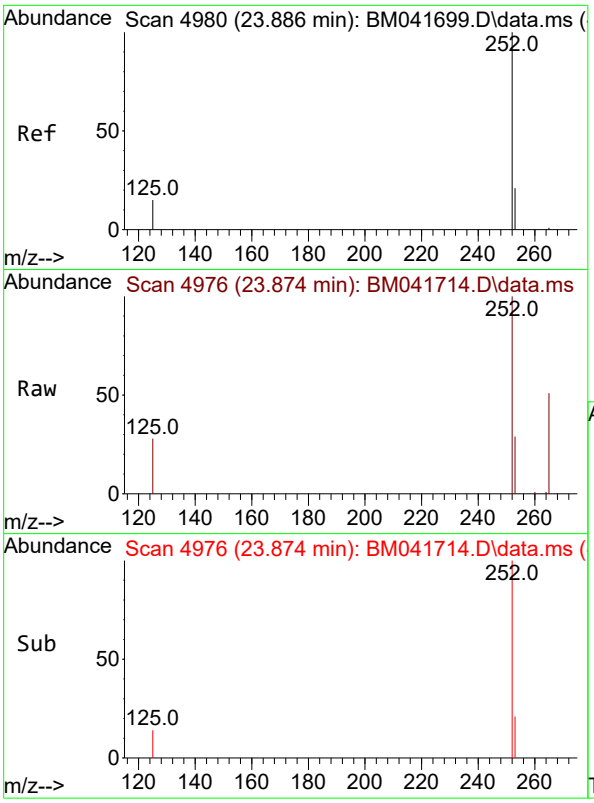


#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.021 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:252 Resp: 12841

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.3	31.9
125	23.9	17.4	26.0



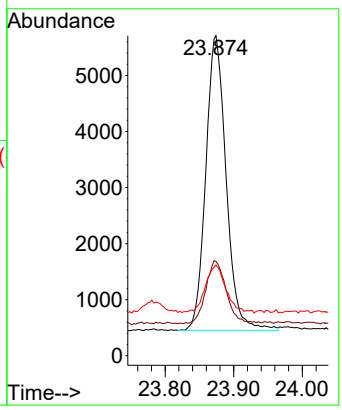


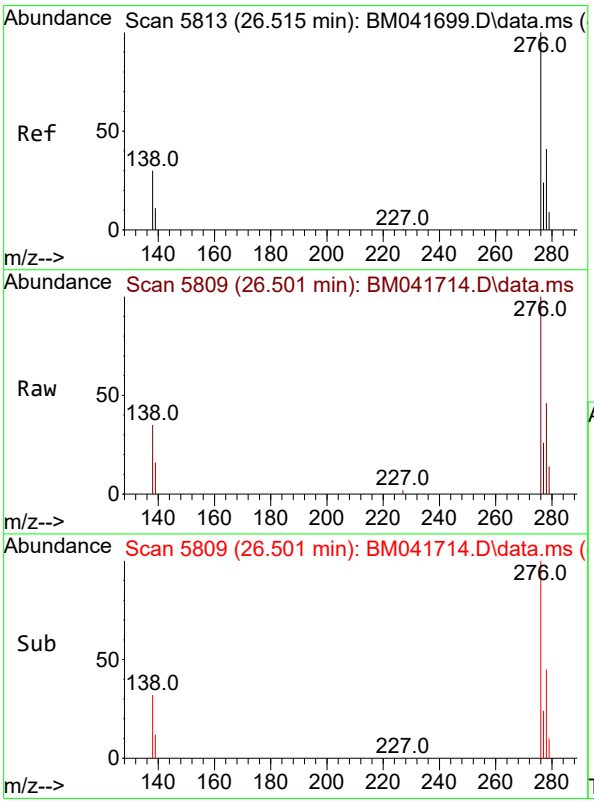
#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.874 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:252 Resp: 10860

Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.4	33.6
125	28.4	21.0	31.4

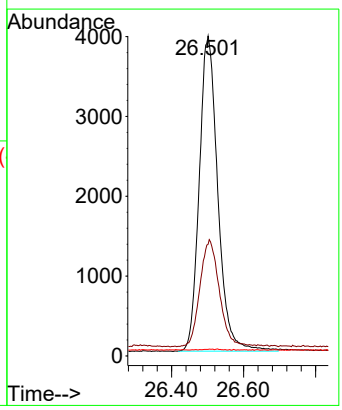


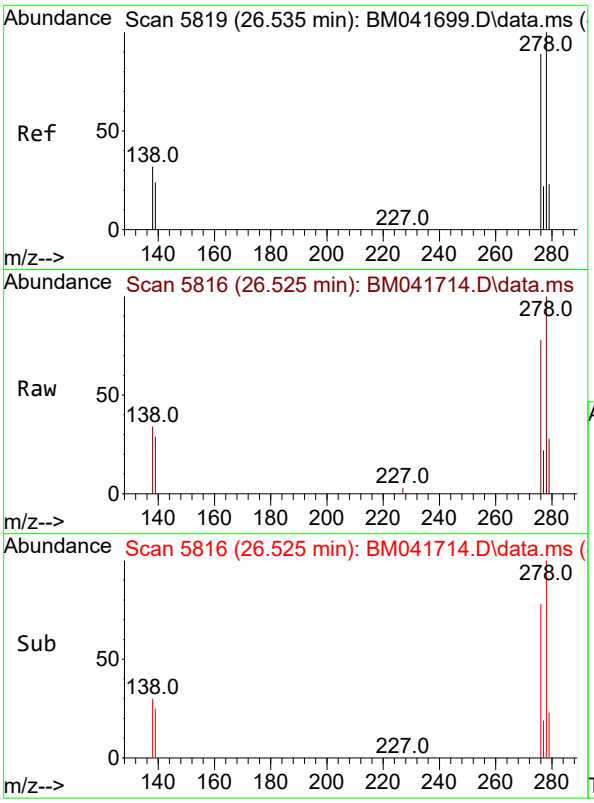


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.501 min Scan# 5809
Delta R.T. -0.030 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:276 Resp: 14109

Ion	Ratio	Lower	Upper
276	100		
138	35.4	26.4	39.6
227	0.1	0.1	0.1#



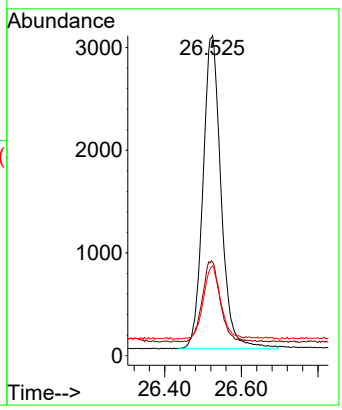


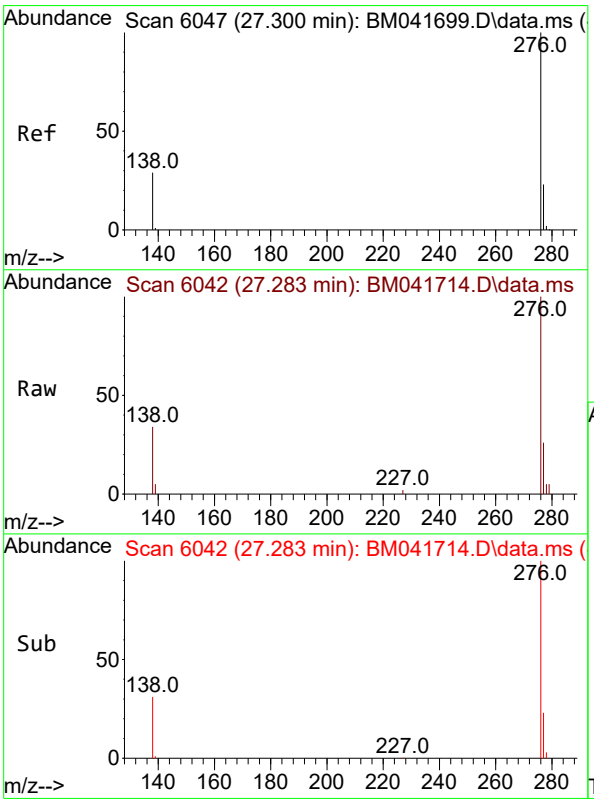
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.525 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Instrument :
BNA_M
ClientSampleId :
SLCS166

Tgt Ion:278 Resp: 10043

Ion	Ratio	Lower	Upper
278	100		
139	29.3	23.0	34.6
279	28.0	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 27.283 min Scan# 6042
Delta R.T. -0.034 min
Lab File: BM041714.D
Acq: 08 Sep 2023 03:05

Tgt Ion:276 Resp: 12151

Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.4
277	25.9	20.2	30.2