Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041715.D
Acq On : 08 Sep 2023 03:42
Operator : MA/JU
Sample : PB155169BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS169

Quant Time: Sep 08 04:13:44 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	7.996	152	7041	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.812	136	17043	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.638	164	7346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	14495	0.400	ng/ul	-0.01
17) Chrysene-d12	21.553	240	5051	0.400	ng/ul	-0.02
23) Perylene-d12	23.983	264	4566	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7206	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	8957	0.408	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	10862	0.443	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	17299	1.548	ng/ul	89
5) Naphthalene	10.867	128	20372	0.364	ng/ul	98
7) 2-Methylnaphthalene	12.467	142	12118	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	12760	0.400	ng/ul	100
10) Acenaphthylene	14.365	152	17188	0.379	ng/ul	99
11) Acenaphthene	14.703	153	13403	0.380	ng/ul	98
12) Fluorene	15.689	166	15158	0.383	ng/ul	99
14) Pentachlorophenol	17.012	266	3475	0.599	ng/ul	100
15) Phenanthrene	17.430	178	23482	0.384	ng/ul	99
16) Anthracene	17.523	178	20161	0.384	ng/ul	99
19) Fluoranthene	19.436	202	24121	0.405	ng/ul	99
20) Pyrene	19.803	202	23954	0.405	ng/ul	98
21) Benzo(a)anthracene	21.539	228	15244	0.370	ng/ul	100
22) Chrysene	21.591	228	15856	0.357	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	14447	0.354	ng/ul	99
25) Benzo(k)fluoranthene	23.284	252	14113	0.353	ng/ul	99
26) Benzo(a)pyrene	23.871	252	11763	0.354	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.502	276	14937	0.328	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.522	278	10505	0.329	ng/ul	98
29) Benzo(g,h,i)perylene	27.286	276	12789	0.317	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
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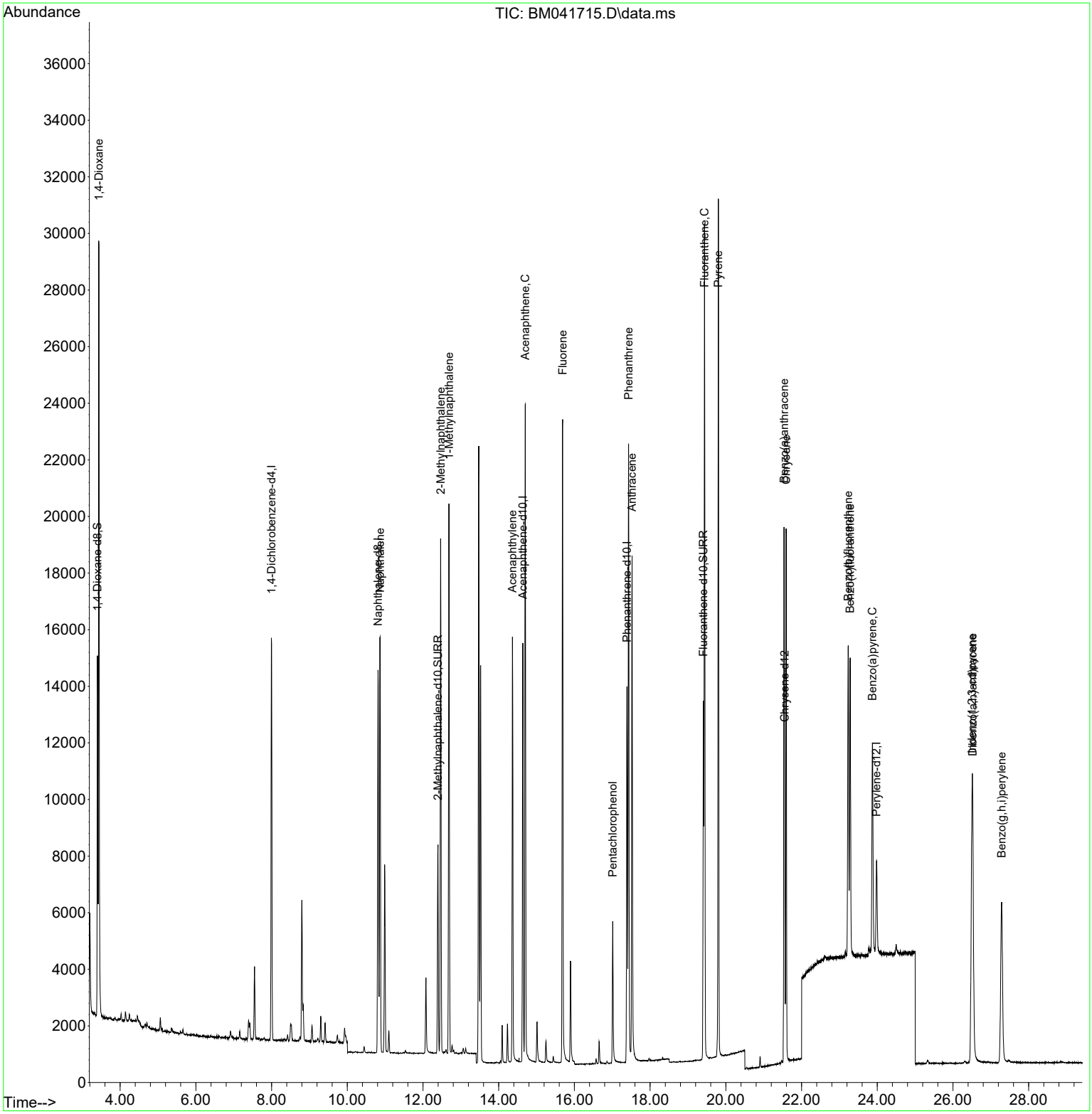
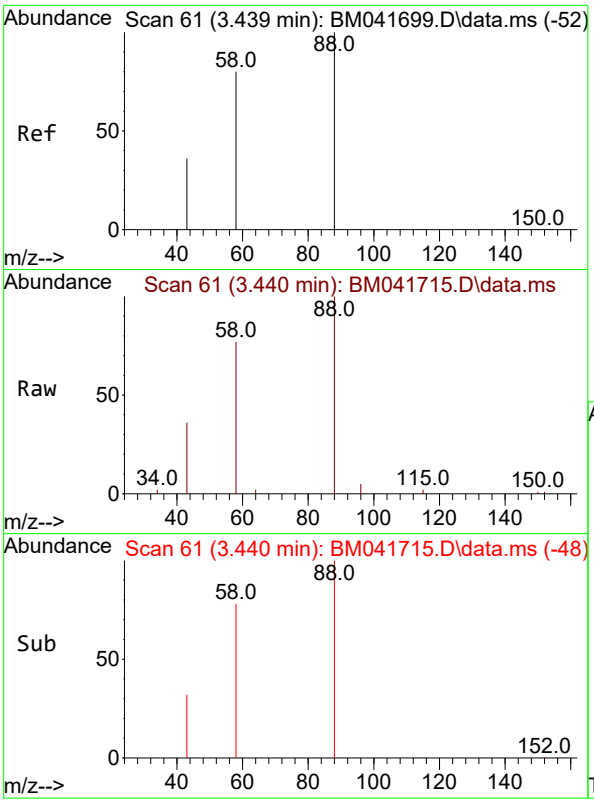
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



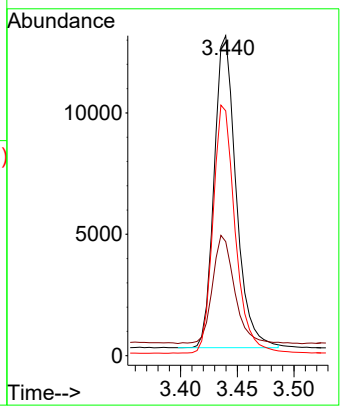


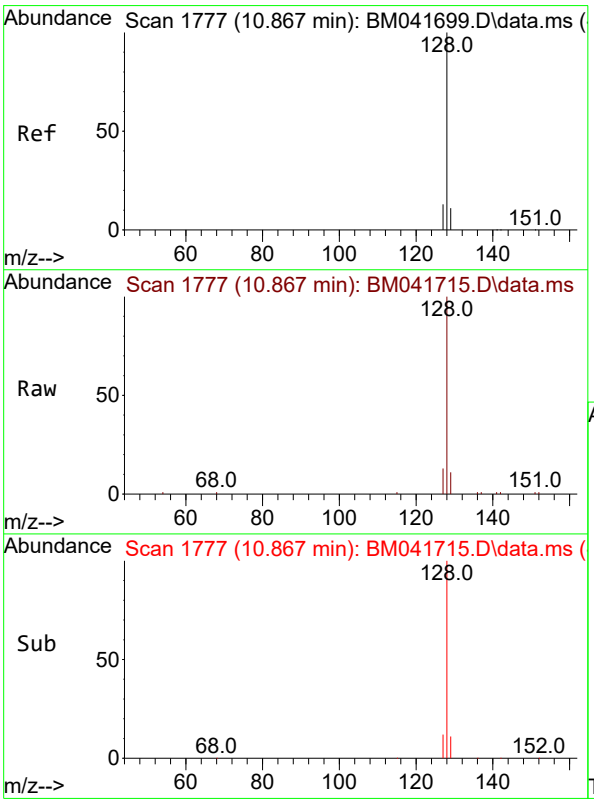
#2
1,4-Dioxane
Concen: 1.548 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion: 88 Resp: 17299

Ion	Ratio	Lower	Upper
88	100		
43	35.7	33.8	50.6
58	76.5	54.2	81.2

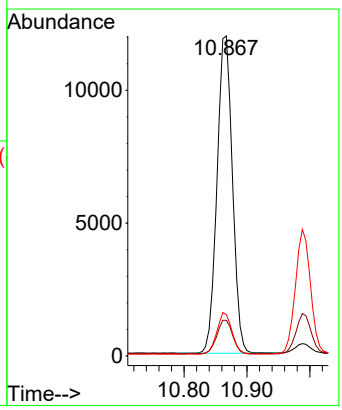


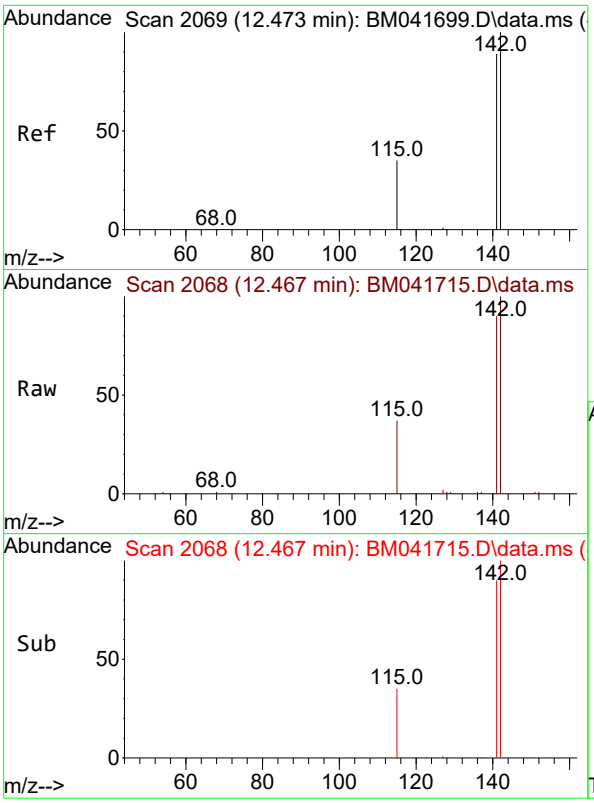


#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:128 Resp: 20372

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	12.9	11.0	16.6



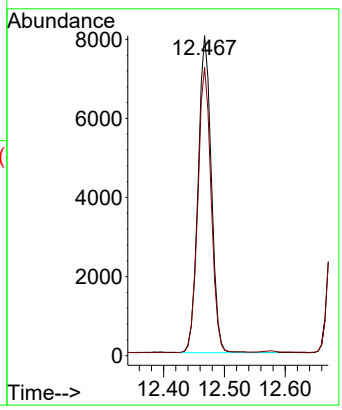


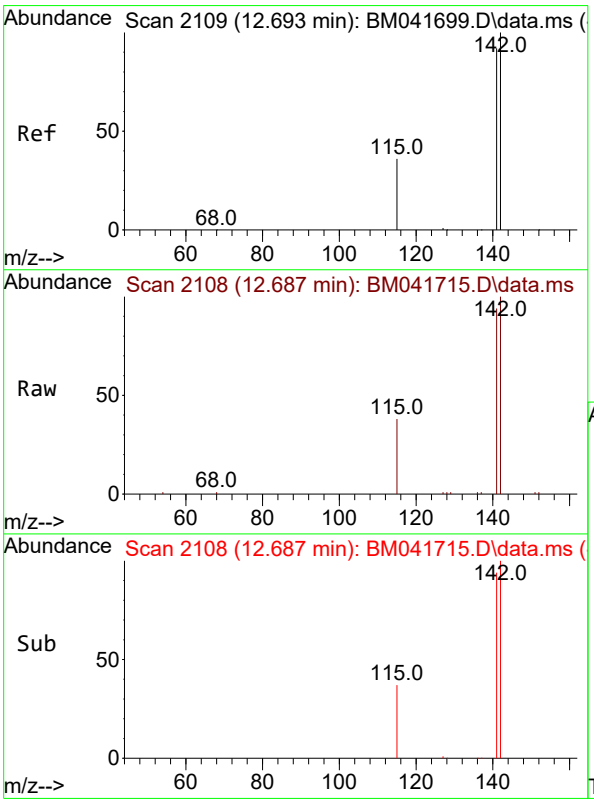
#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:142 Resp: 12118

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2

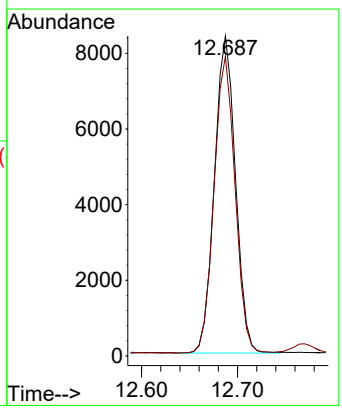


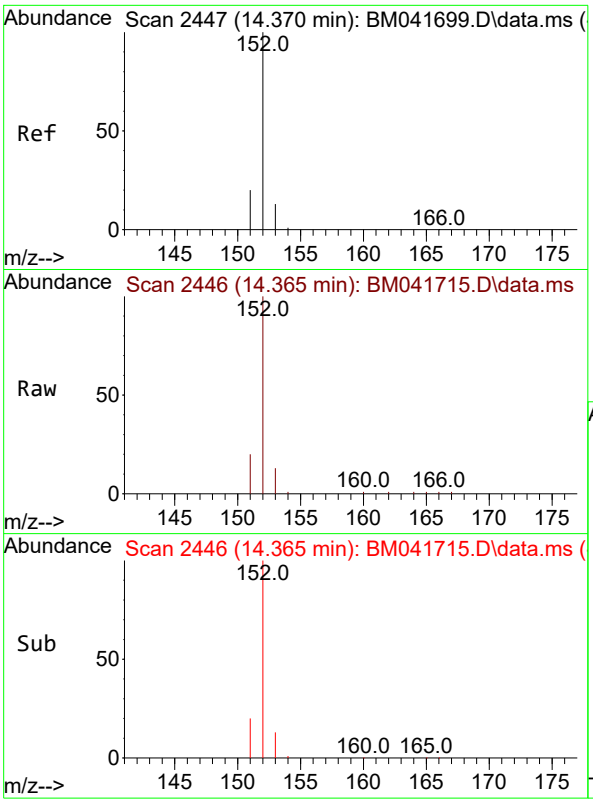


#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:142 Resp: 12760

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6



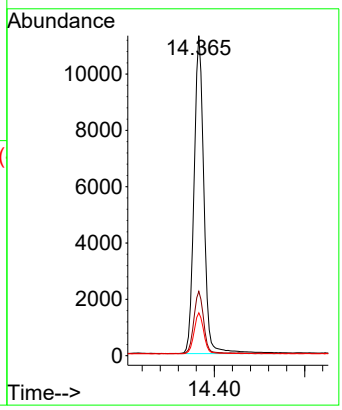


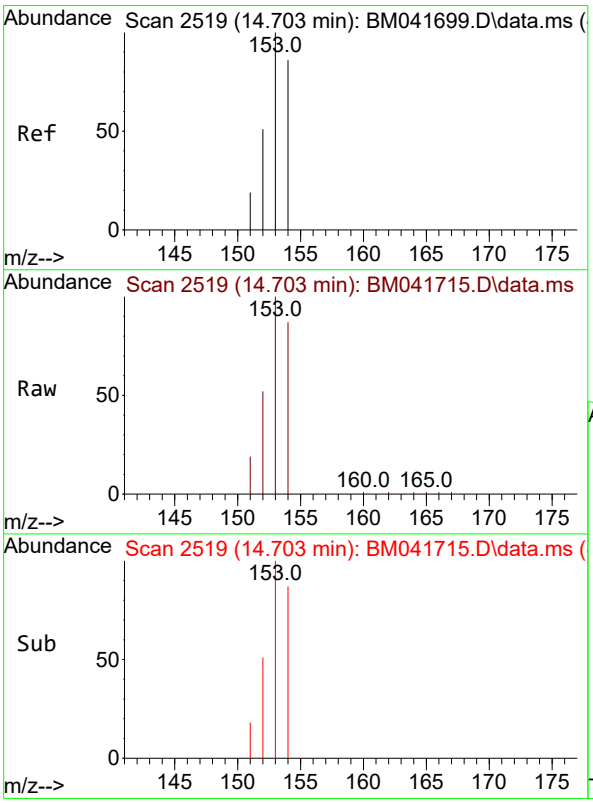
#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.365 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:152 Resp: 17188

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.4	11.1	16.7

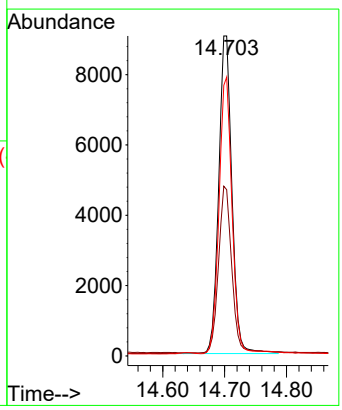


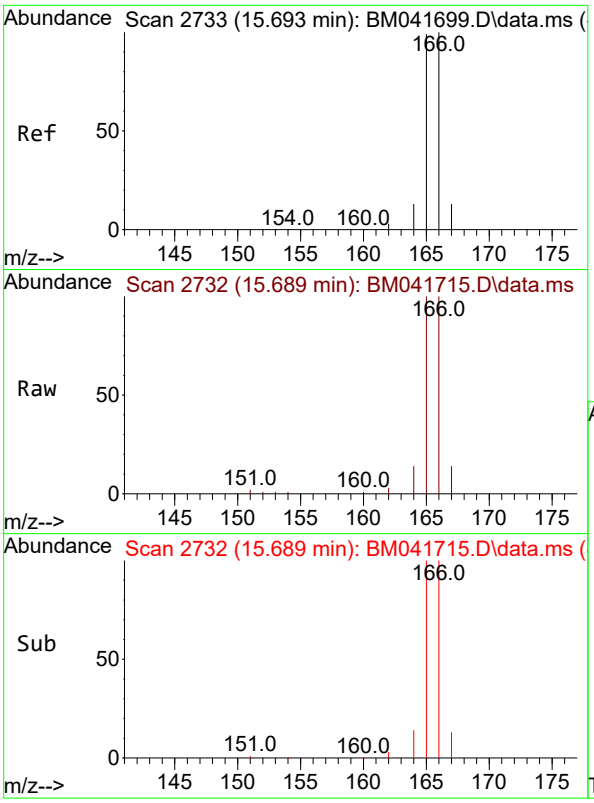


#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:153 Resp: 13403

Ion	Ratio	Lower	Upper
153	100		
152	52.0	43.4	65.2
154	87.2	69.4	104.0



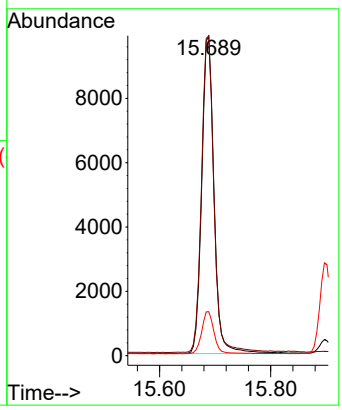


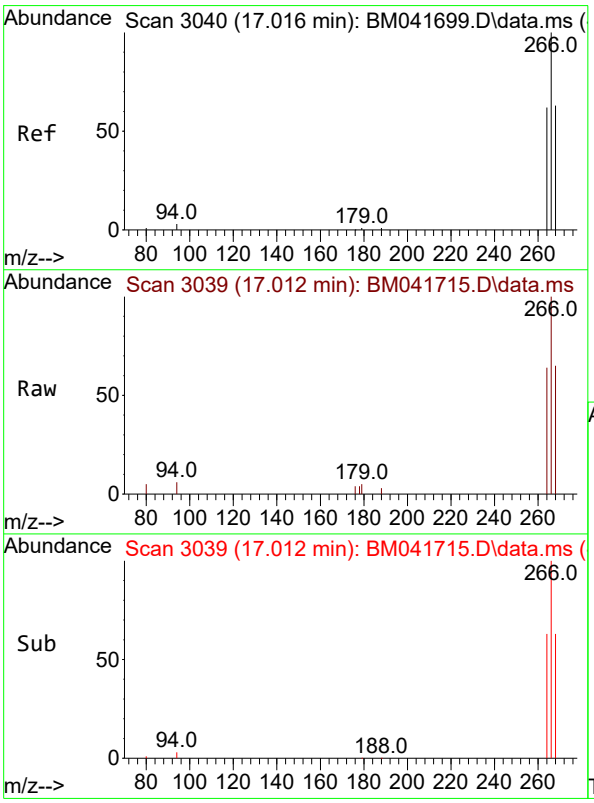
#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.689 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:166 Resp: 15158

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.4	119.2
167	13.8	11.3	16.9

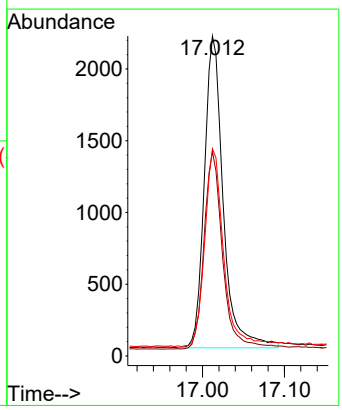


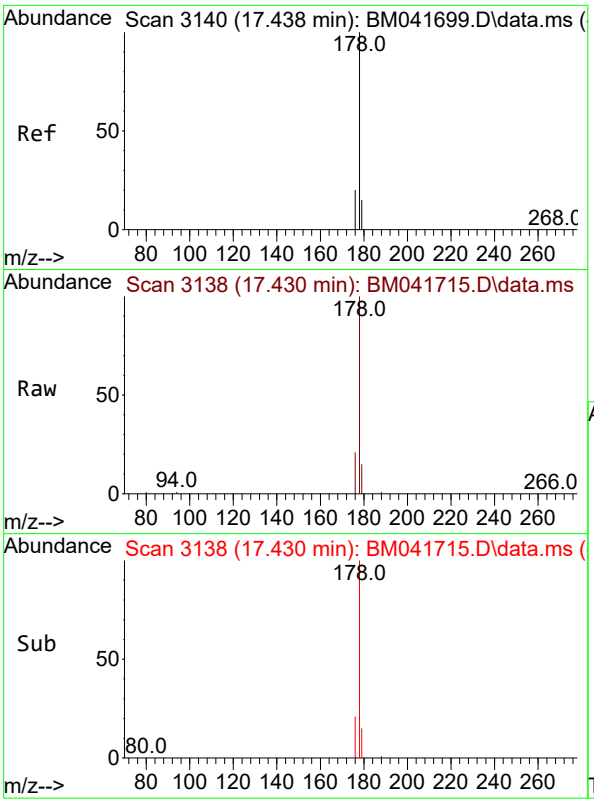


#14
Pentachlorophenol
Concen: 0.599 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.013 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:266 Resp: 3475

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	63.7	50.8	76.2



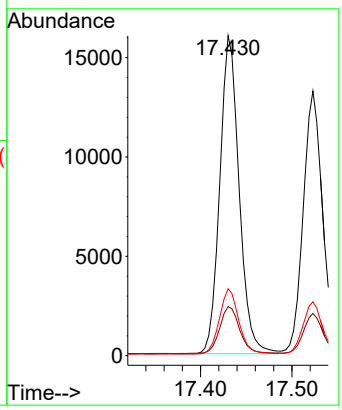


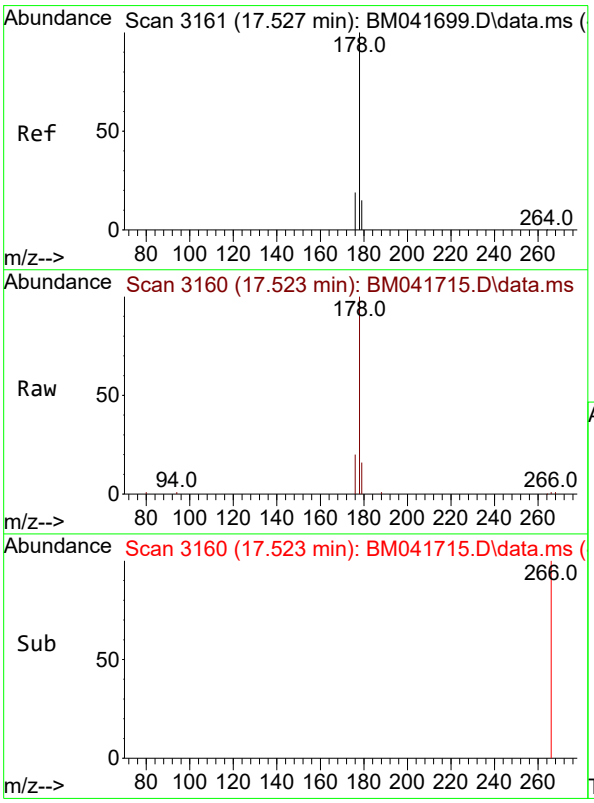
#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.430 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:178 Resp: 23482

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	20.9	16.9	25.3

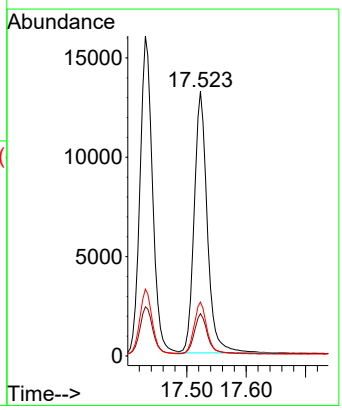


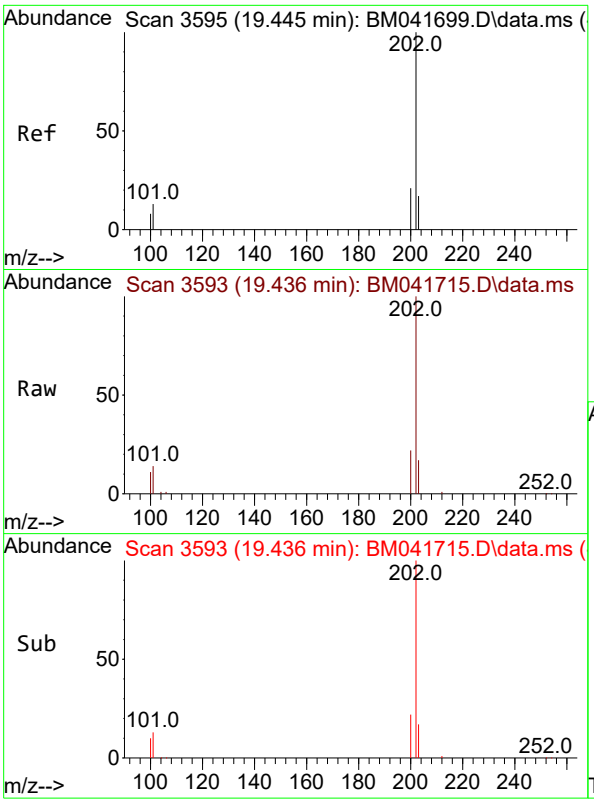


#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:178 Resp: 20161

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.4	15.8	23.8



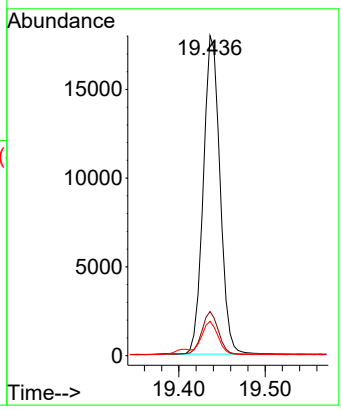


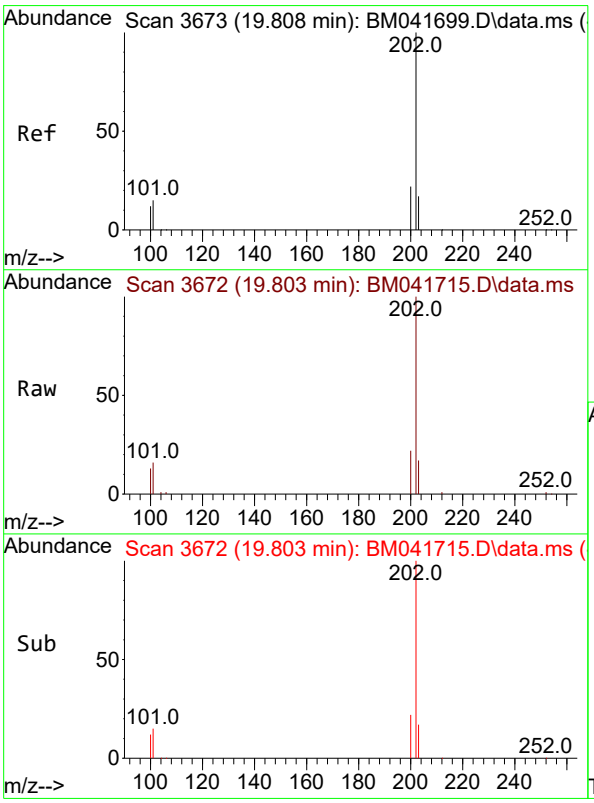
#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:202 Resp: 24121

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.5	15.7
100	10.7	8.4	12.6

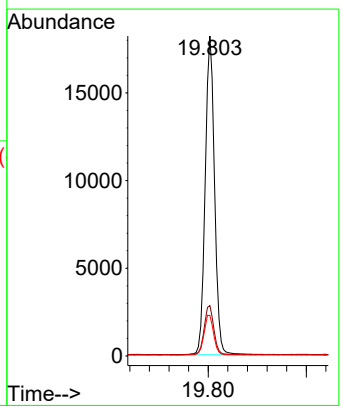


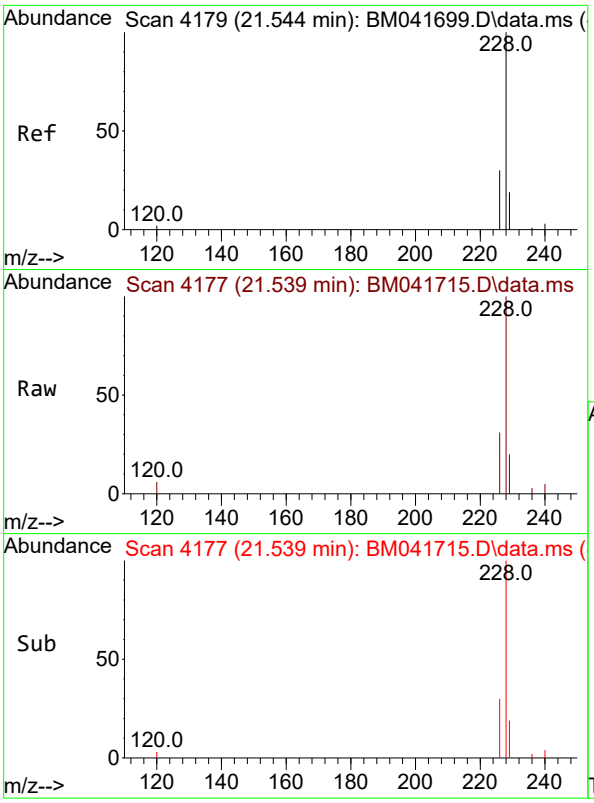


#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:202 Resp: 23954

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.8	17.8
100	12.6	9.8	14.6



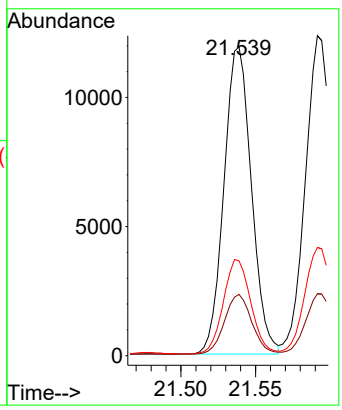


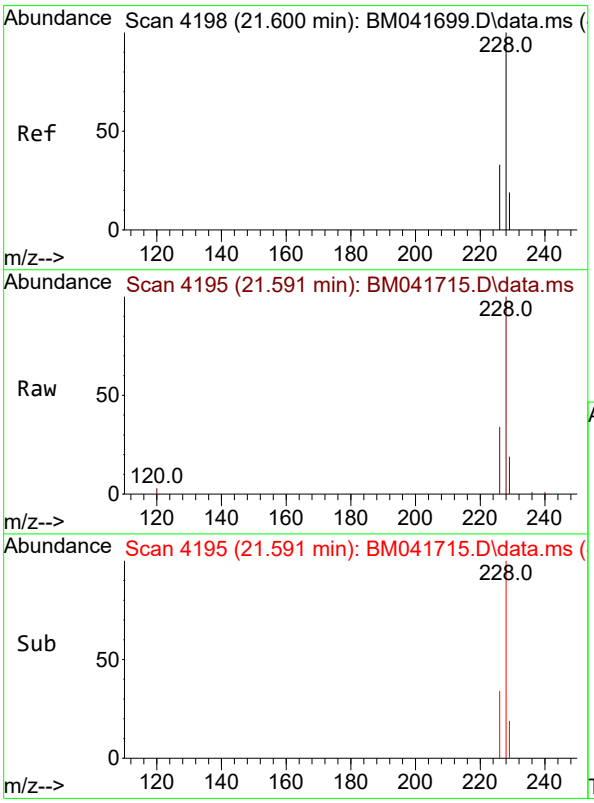
#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:228 Resp: 15244

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	30.7	24.8	37.2

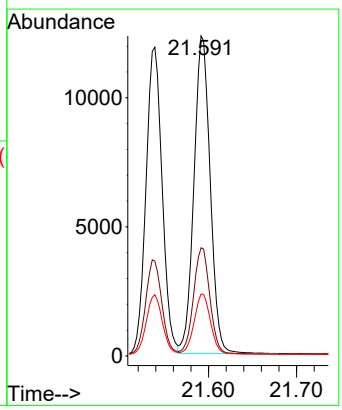


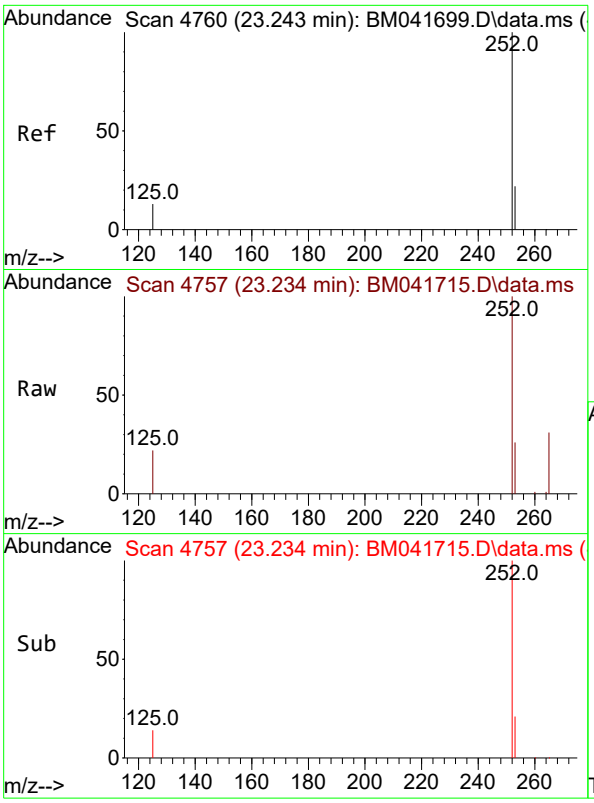


#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.017 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:228 Resp: 15856

Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.0	40.6
229	19.4	15.4	23.2



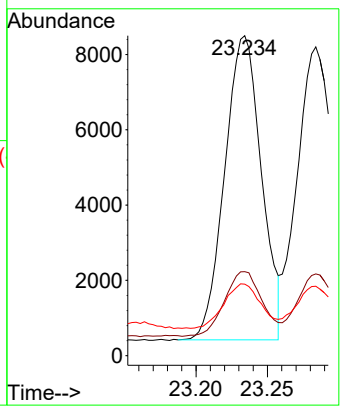


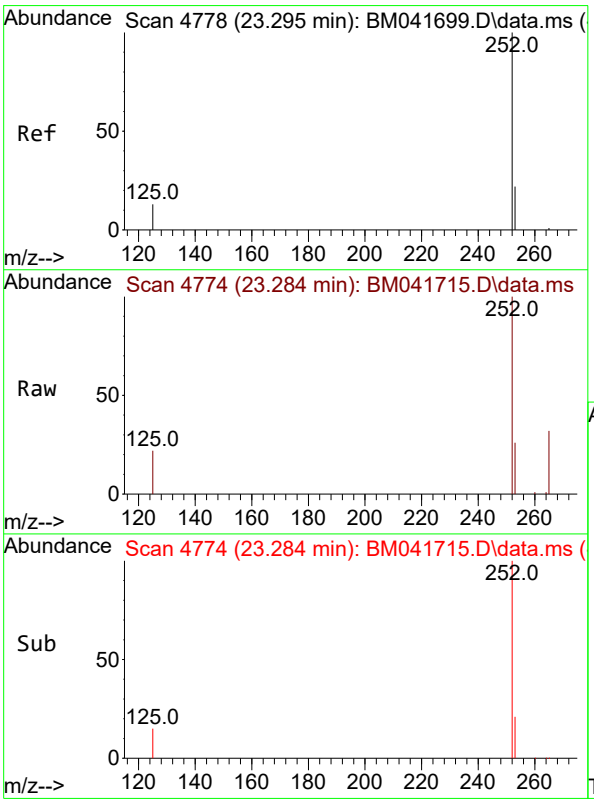
#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:252 Resp: 14447

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.4
125	22.4	0.0	42.8

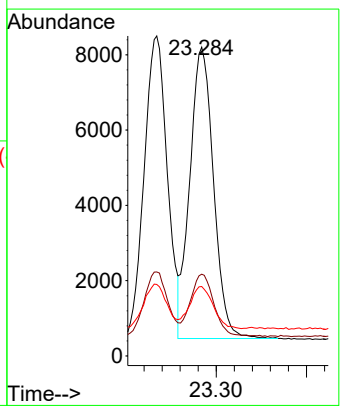


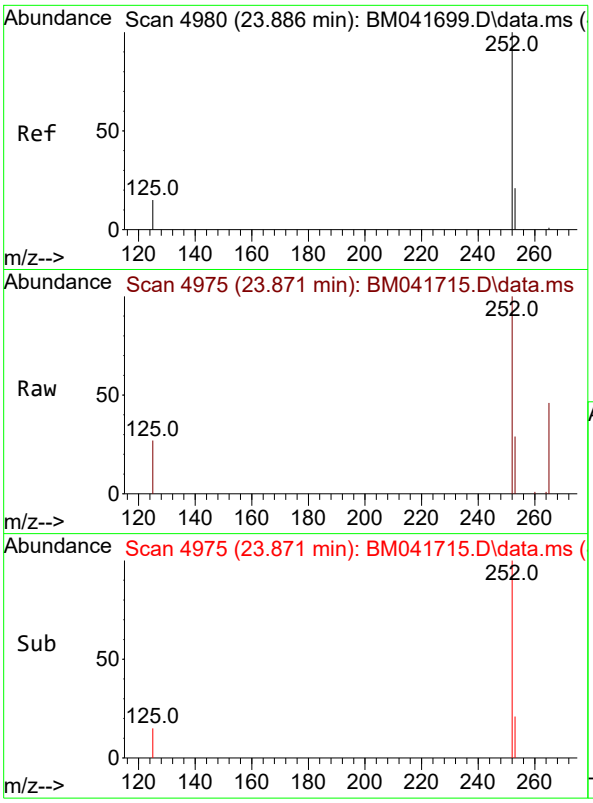


#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.020 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:252 Resp: 14113

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.3	31.9
125	22.5	17.4	26.0



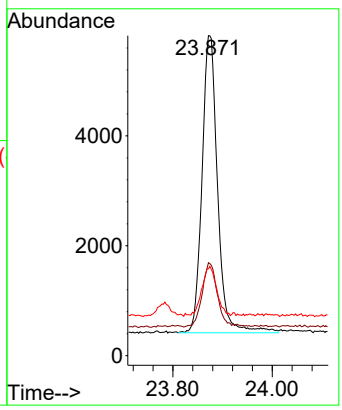


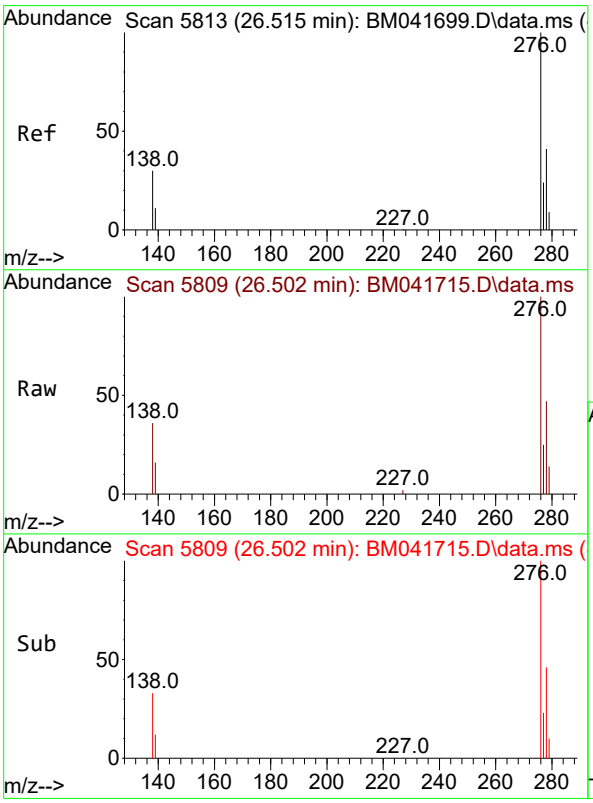
#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.871 min Scan# 4
Delta R.T. -0.026 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:252 Resp: 11763

Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.4	33.6
125	27.2	21.0	31.4

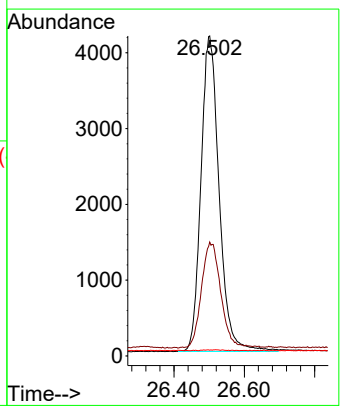


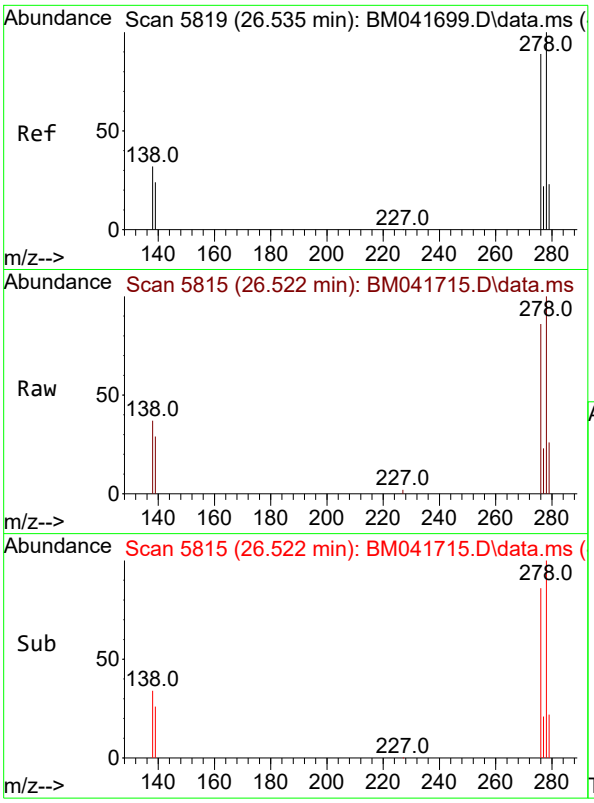


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. -0.030 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:276 Resp: 14937

Ion	Ratio	Lower	Upper
276	100		
138	35.1	26.4	39.6
227	0.0	0.1	0.1#



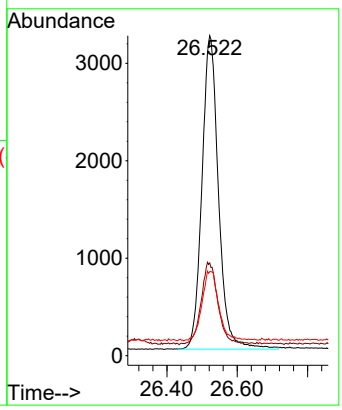


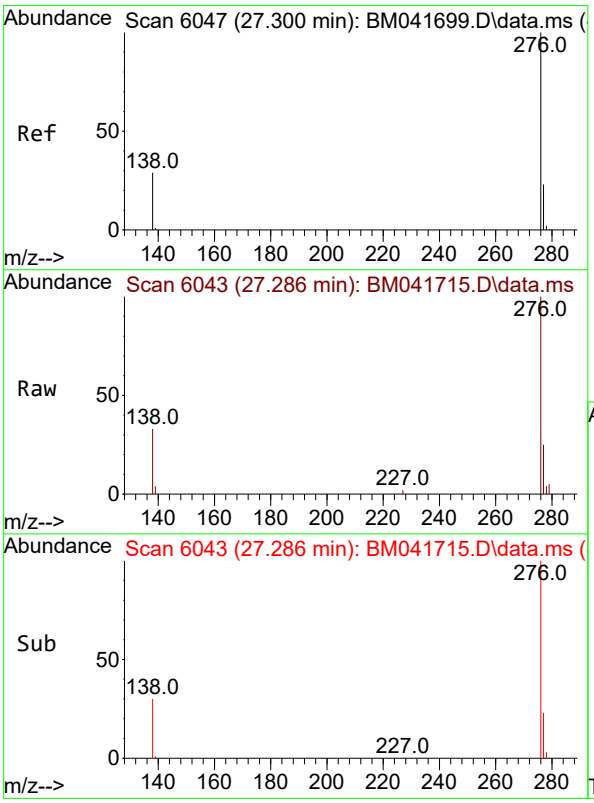
#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:278 Resp: 10505

Ion	Ratio	Lower	Upper
278	100		
139	29.0	23.0	34.6
279	26.2	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.317 ng/ul
RT: 27.286 min Scan# 6043
Delta R.T. -0.030 min
Lab File: BM041715.D
Acq: 08 Sep 2023 03:42

Tgt Ion:276 Resp: 12789

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.4
277	24.9	20.2	30.2