Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BMCCC512.D
Acq On : 01 Jul 2023 21:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Quant Time: Jul 01 23:49:17 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 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	5661	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	21038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	10478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	19901	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	13116	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	12159	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3232	0.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.333	152	12315	0.418	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	18159	0.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	3162	0.349	ng/ul#	83
5) Naphthalene	10.788	128	23060	0.397	ng/ul	99
7) 2-Methylnaphthalene	12.404	142	13960	0.410	ng/ul	99
8) 1-Methylnaphthalene	12.619	142	13409	0.394	ng/ul	99
10) Acenaphthylene	14.293	152	19254	0.411	ng/ul	99
11) Acenaphthene	14.636	153	15251	0.386	ng/ul	99
12) Fluorene	15.626	166	16387	0.388	ng/ul	100
14) Pentachlorophenol	16.980	266	2095	0.547	ng/ul	95
15) Phenanthrene	17.365	178	23205	0.375	ng/ul	99
16) Anthracene	17.457	178	20333	0.391	ng/ul	99
19) Fluoranthene	19.383	202	23307	0.418	ng/ul	97
20) Pyrene	19.745	202	24319	0.407	ng/ul	99
21) Benzo(a)anthracene	21.486	228	18838	0.425	ng/ul	99
22) Chrysene	21.541	228	19212	0.380	ng/ul	99
24) Benzo(b)fluoranthene	23.178	252	18924	0.402	ng/ul	98
25) Benzo(k)fluoranthene	23.228	252	17859	0.385	ng/ul	98
26) Benzo(a)pyrene	23.807	252	16212	0.382	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.414	276	20086	0.340	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.437	278	16081	0.348	ng/ul	99
29) Benzo(g,h,i)perylene	27.182	276	16521	0.319	ng/ul	99

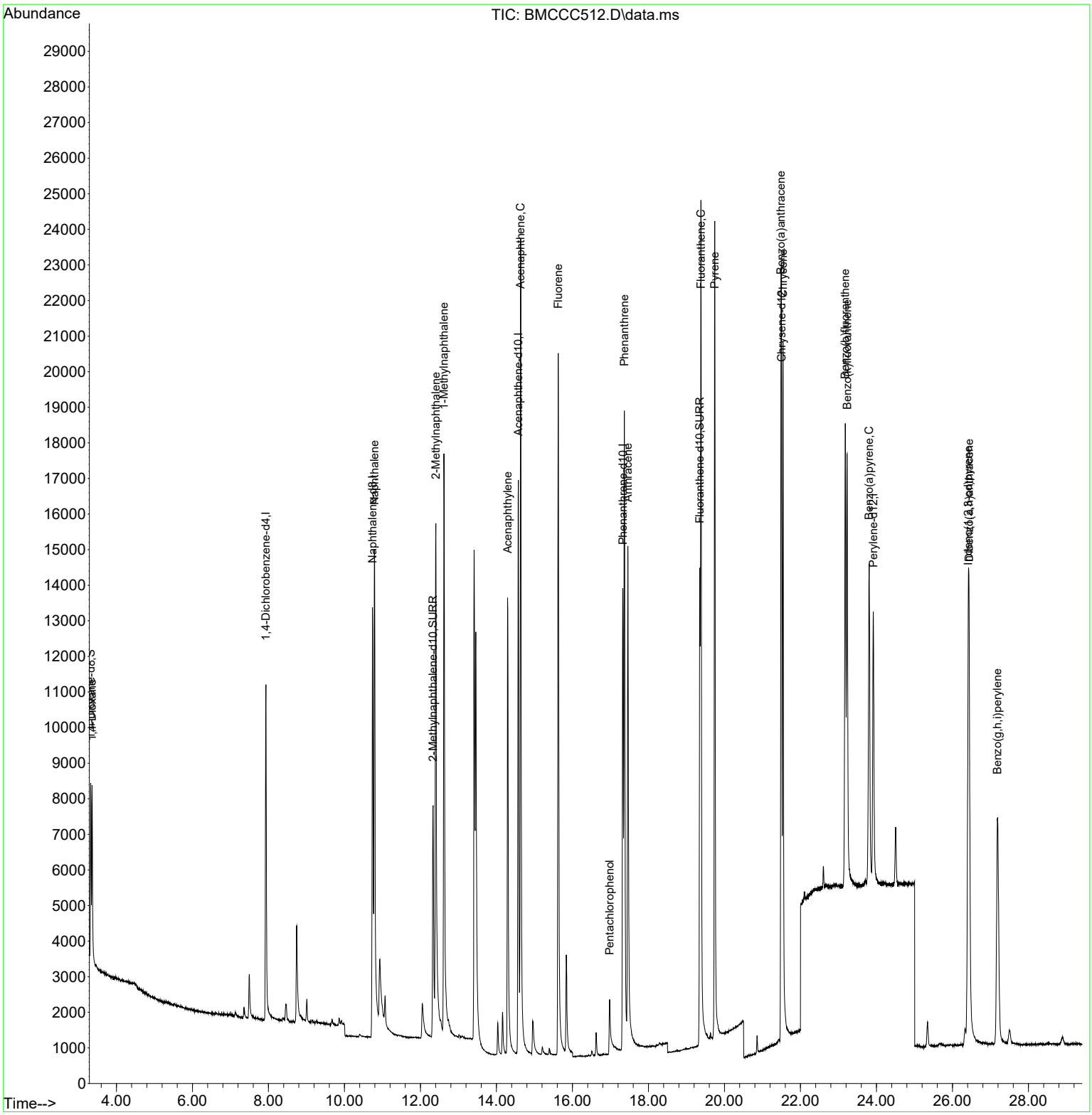
(#) = qualifier out of range (m) = manual integration (+) = signals summed

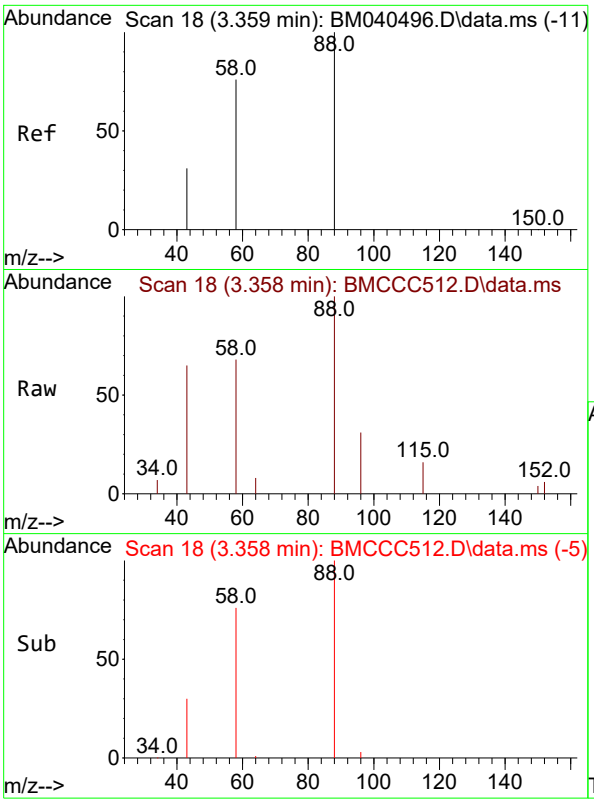
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BMCCC512.D
Acq On : 01 Jul 2023 21:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Quant Time: Jul 01 23:49:17 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 01 03:00:05 2023
Response via : Initial Calibration



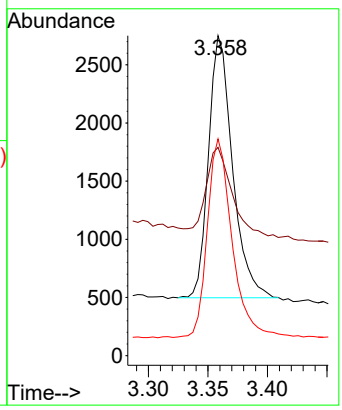


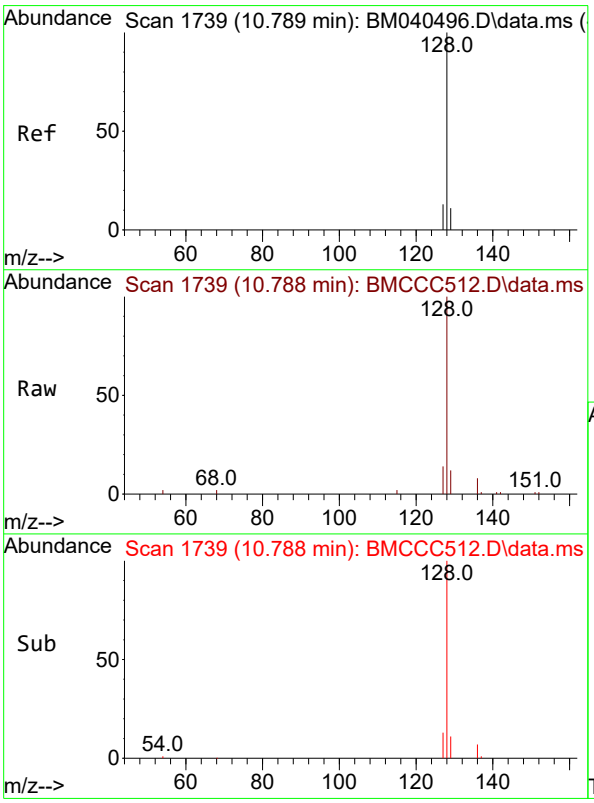
#2
1,4-Dioxane
Concen: 0.349 ng/ul
RT: 3.358 min Scan# 1
Delta R.T. -0.004 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion: 88 Resp: 3162

Ion	Ratio	Lower	Upper
88	100		
43	65.1	36.1	54.1#
58	67.8	49.8	74.8

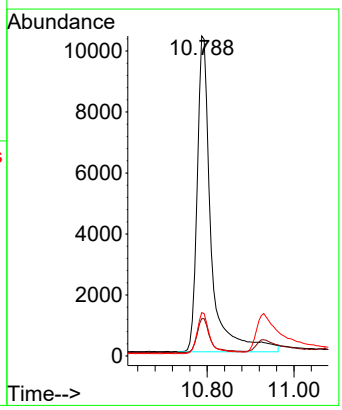


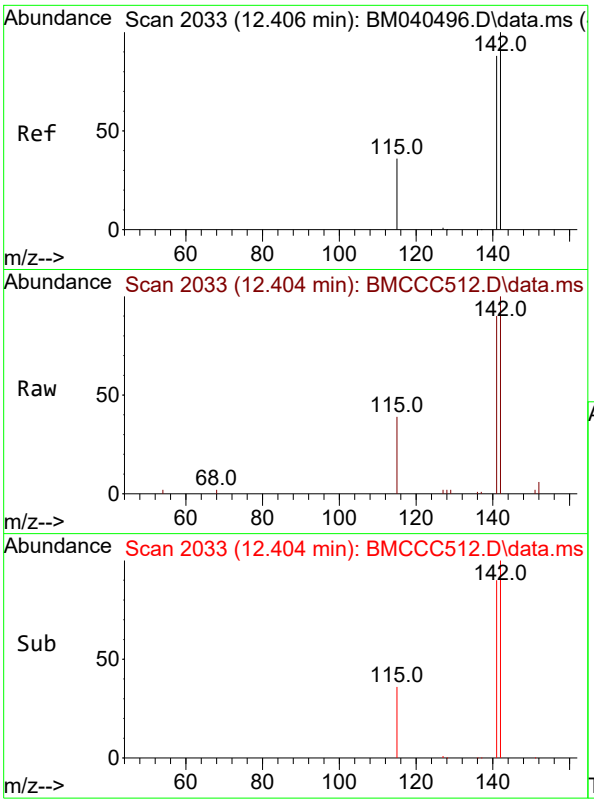


#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:128 Resp: 23060

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.5	10.6	15.8



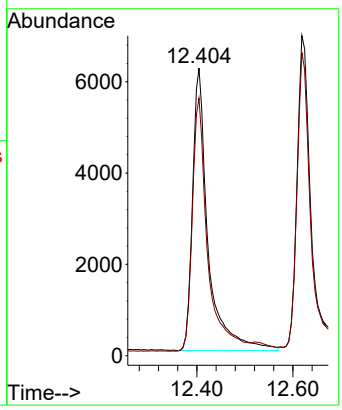


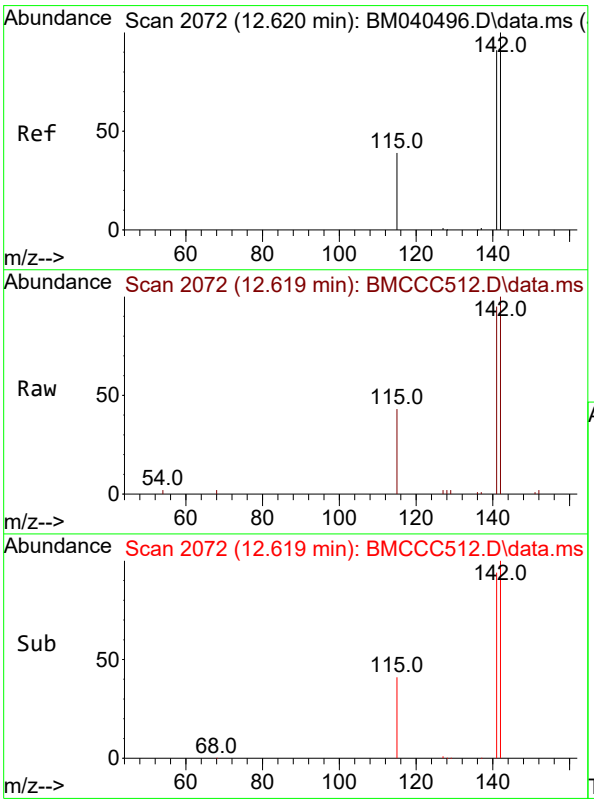
#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.001 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:142 Resp: 13960

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9

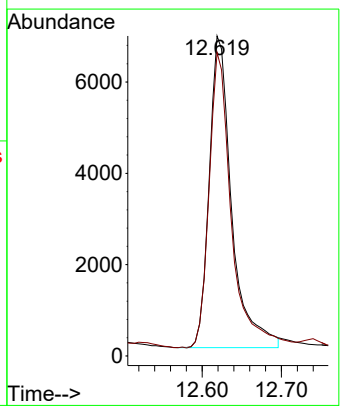


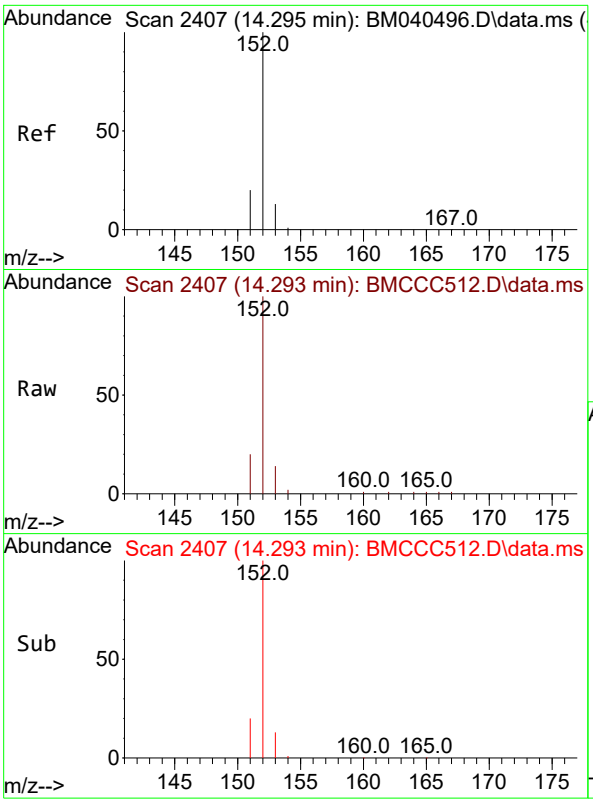


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:142 Resp: 13409

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5



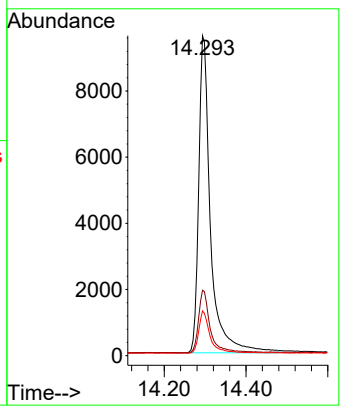


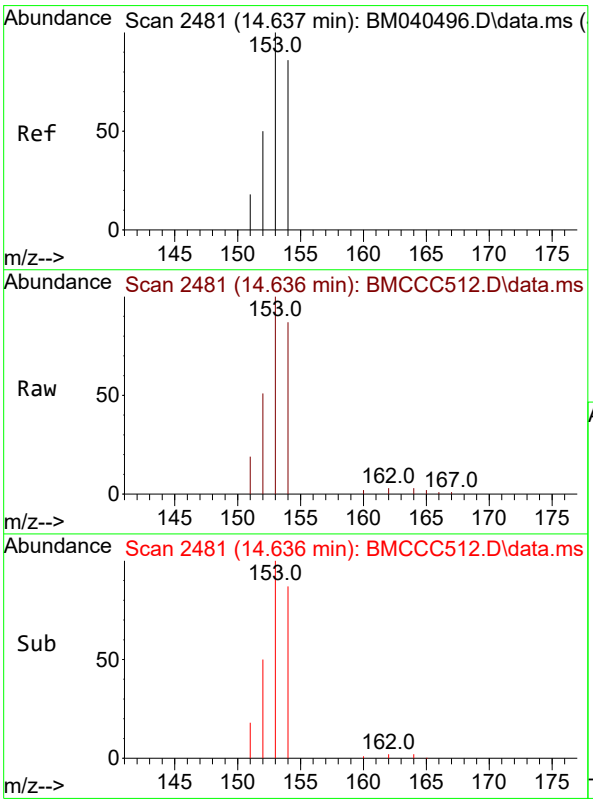
#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.293 min Scan# 24
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:152 Resp: 19254

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	14.0	10.9	16.3

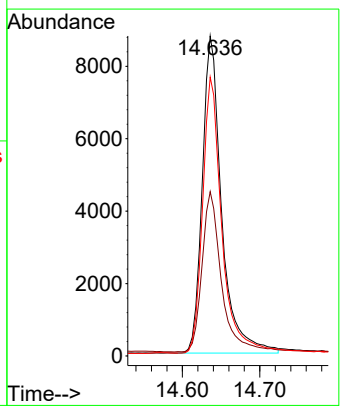


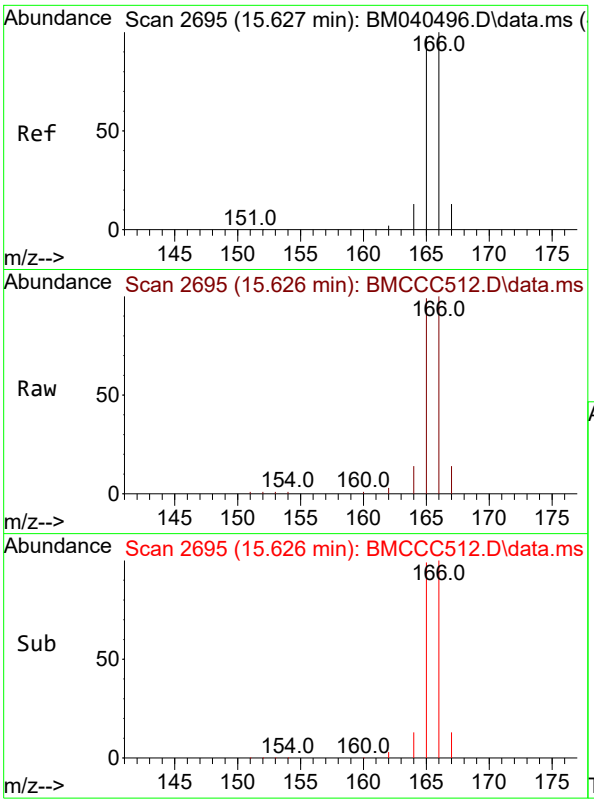


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.636 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:153 Resp: 15251

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.0	61.4
154	87.1	70.8	106.2



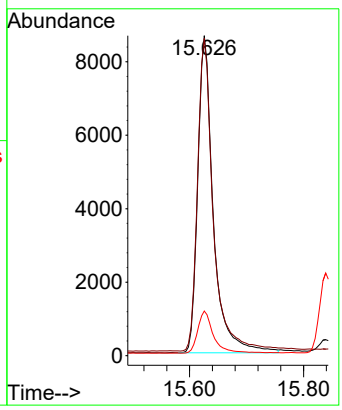


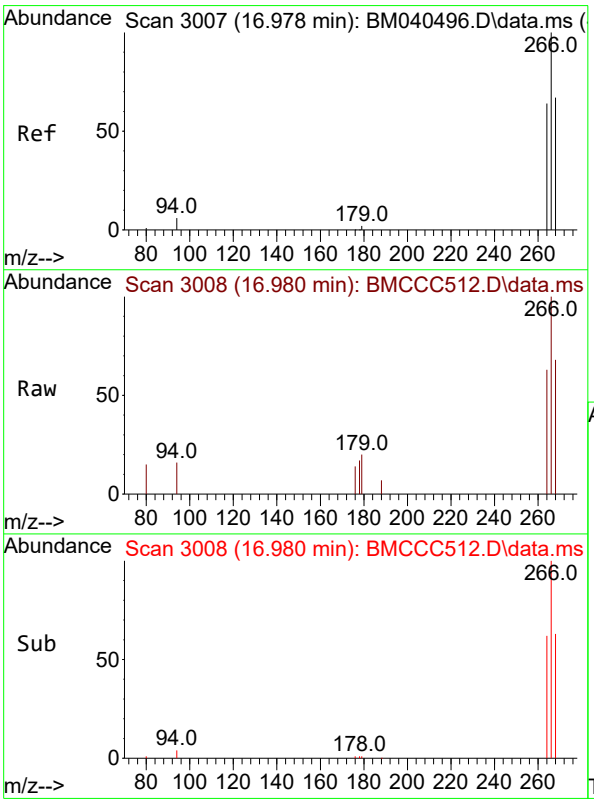
#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.626 min Scan# 2
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:166 Resp: 16387

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.6	119.4
167	14.0	11.4	17.0

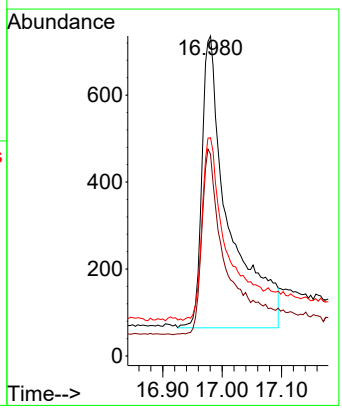


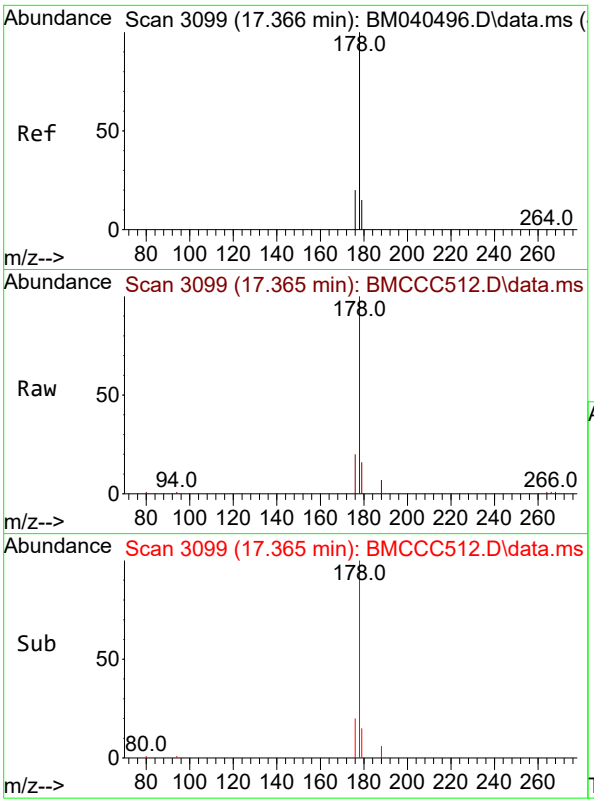


#14
Pentachlorophenol
Concen: 0.547 ng/ul
RT: 16.980 min Scan# 3008
Delta R.T. -0.001 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:266 Resp: 2095

Ion	Ratio	Lower	Upper
266	100		
264	60.5	45.4	68.0
268	62.7	47.2	70.8



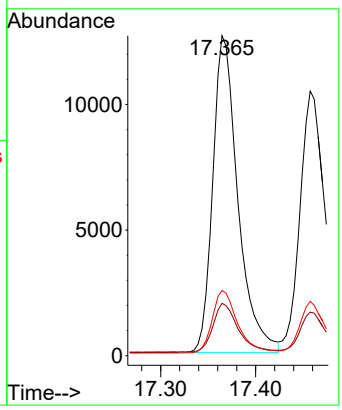


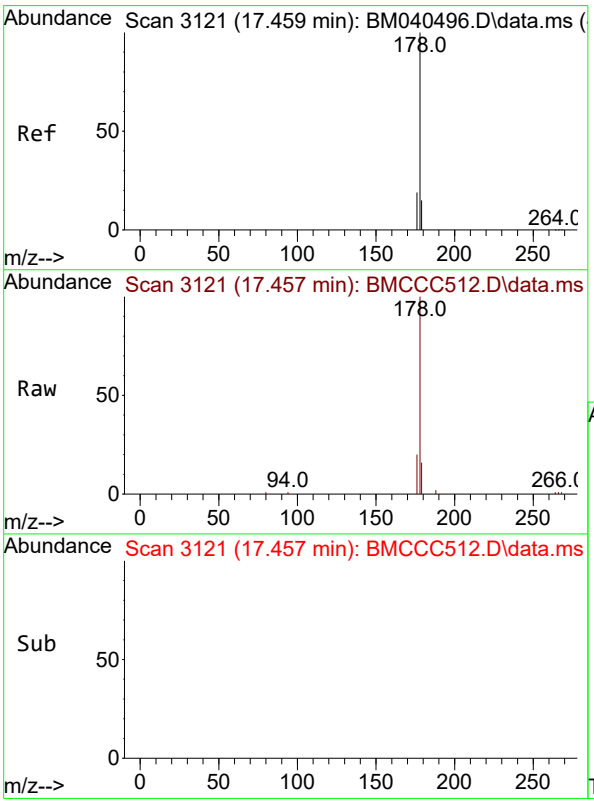
#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.365 min Scan# 3
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:178 Resp: 23205

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

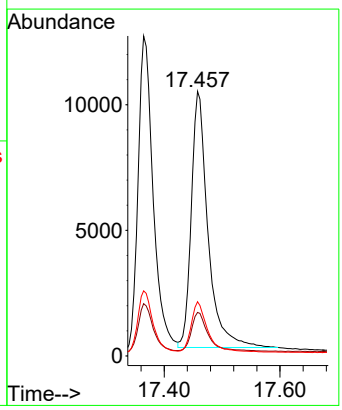


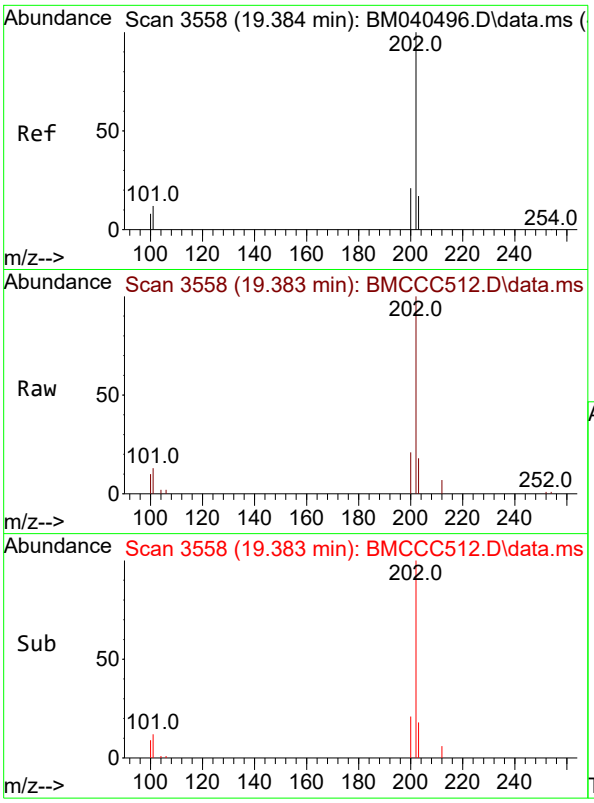


#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.457 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:178 Resp: 20333

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	20.5	15.8	23.6



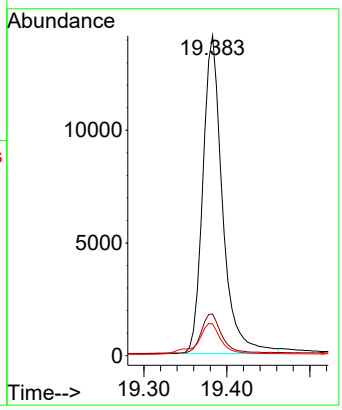


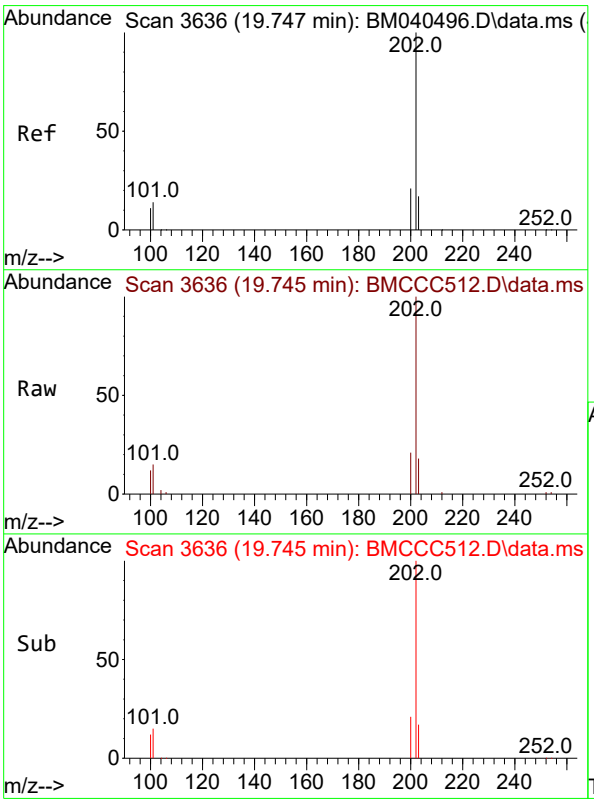
#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.383 min Scan# 3
Delta R.T. -0.001 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:202 Resp: 23307

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	9.9	8.7	13.1

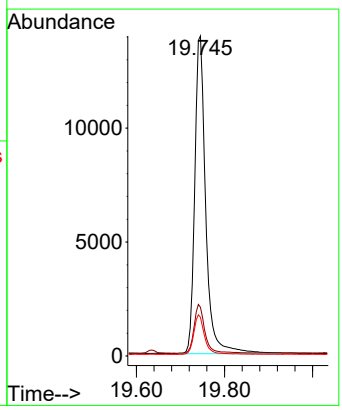


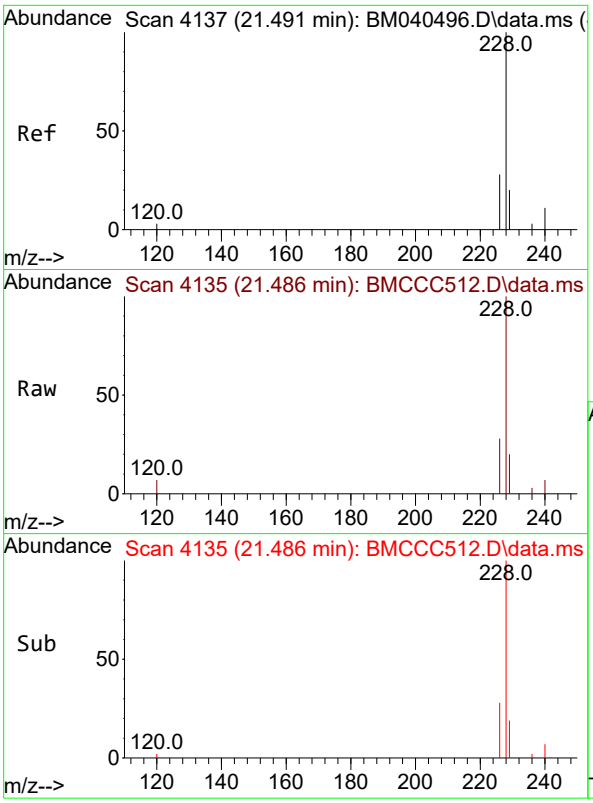


#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.745 min Scan# 3636
Delta R.T. -0.001 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:202 Resp: 24319

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	12.1	9.8	14.6



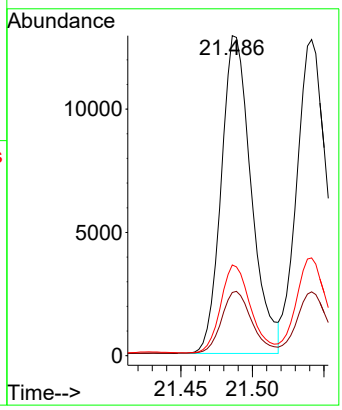


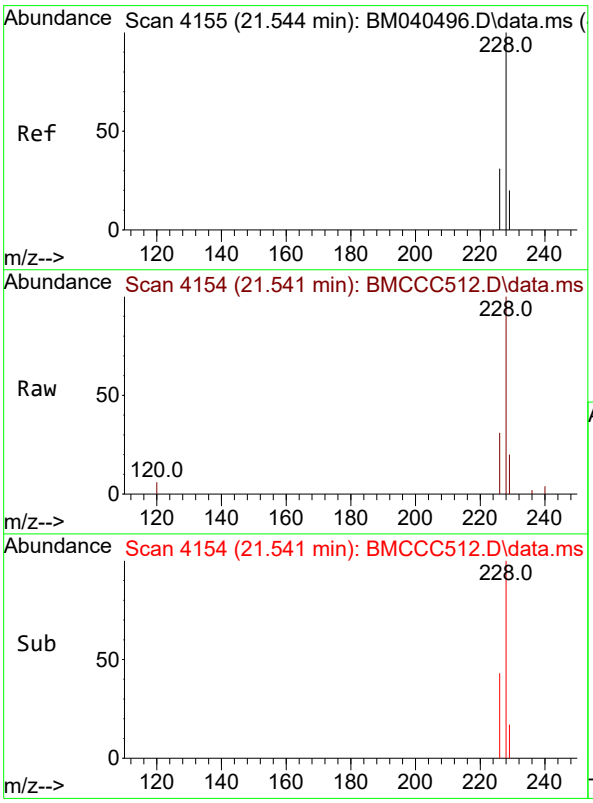
#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. -0.005 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:228 Resp: 18838

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.0	24.0
226	28.4	22.3	33.5

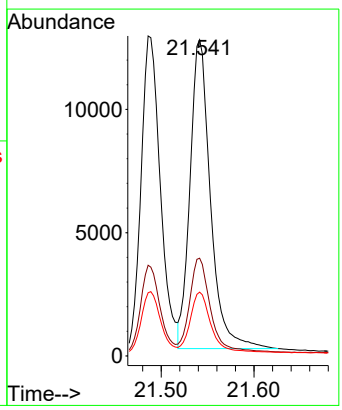


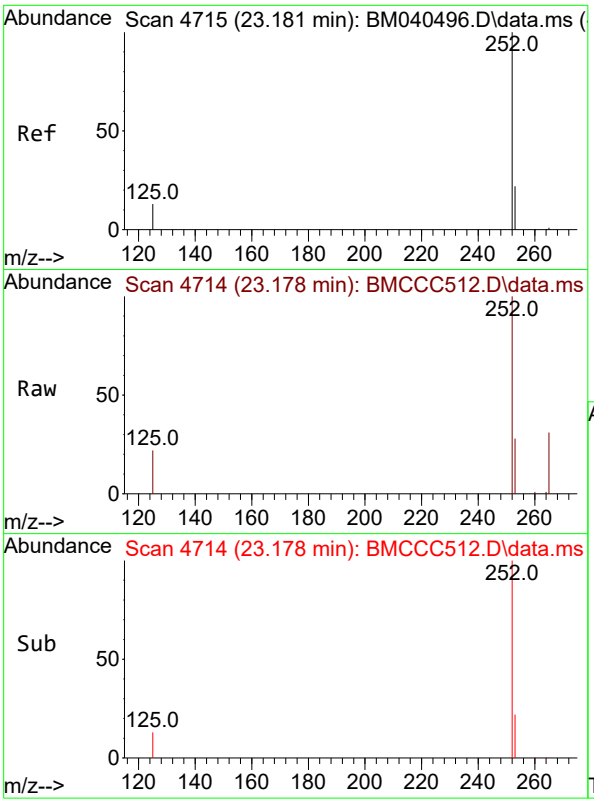


#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.002 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:228 Resp: 19212

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	15.8	23.6



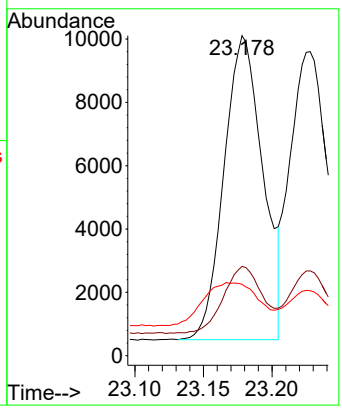


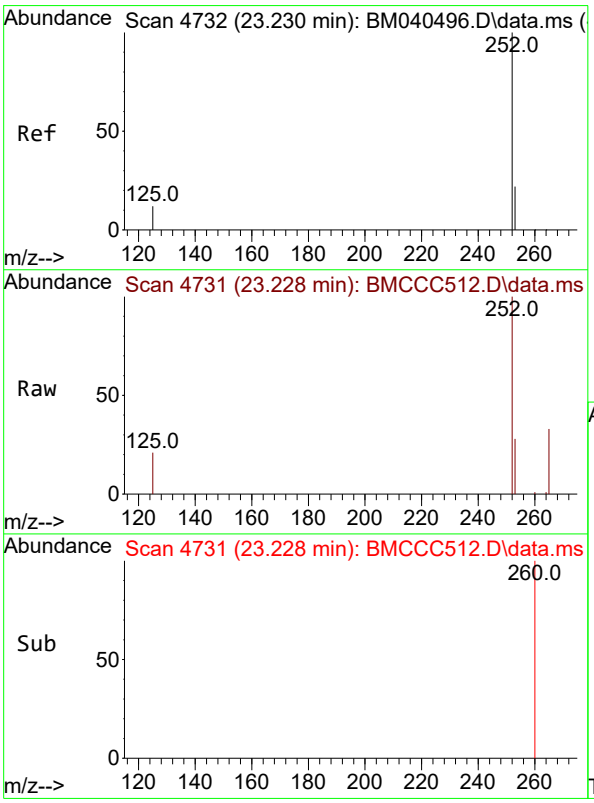
#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.178 min Scan# 4
Delta R.T. -0.002 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:252 Resp: 18924

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	52.8
125	22.3	0.0	43.0

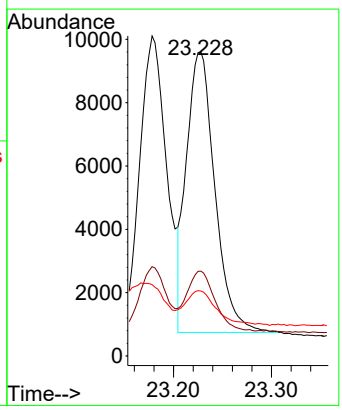


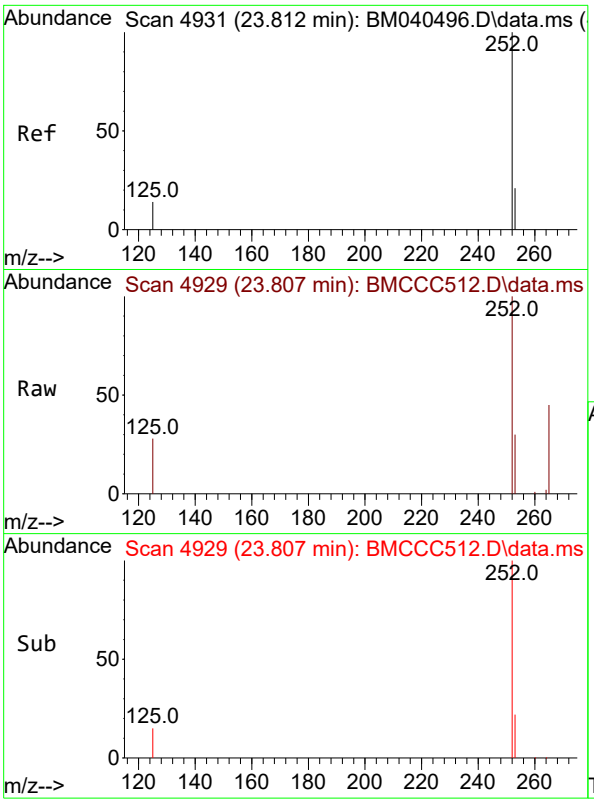


#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.228 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:252 Resp: 17859

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.2	31.8
125	21.4	16.4	24.6



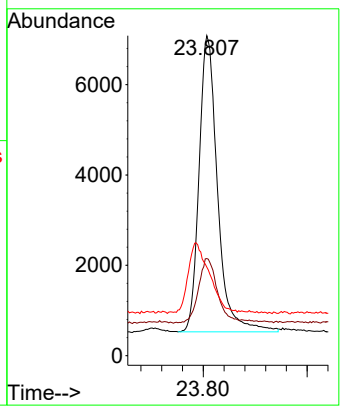


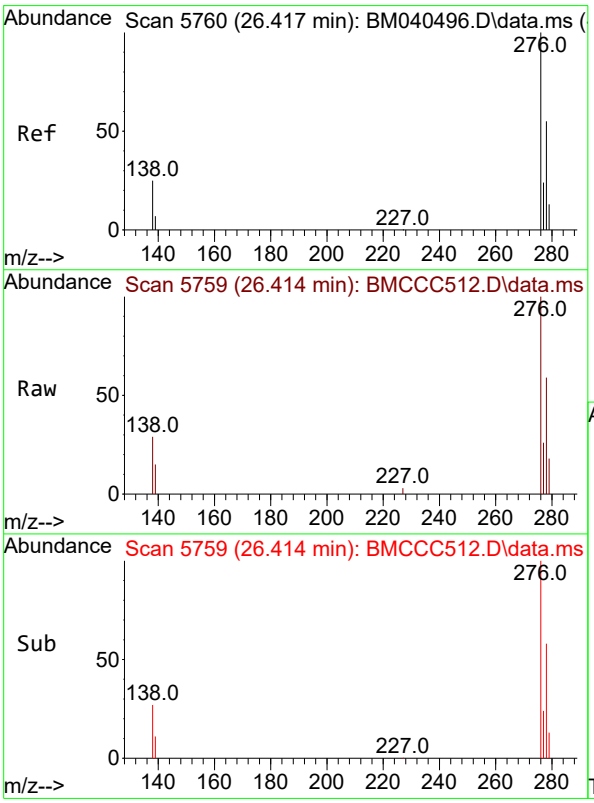
#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.807 min Scan# 4
Delta R.T. -0.005 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:252 Resp: 16212

Ion	Ratio	Lower	Upper
252	100		
253	30.3	22.9	34.3
125	27.7	21.0	31.4

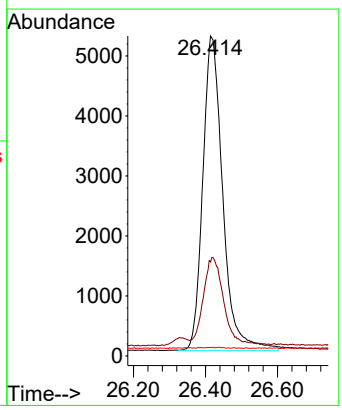


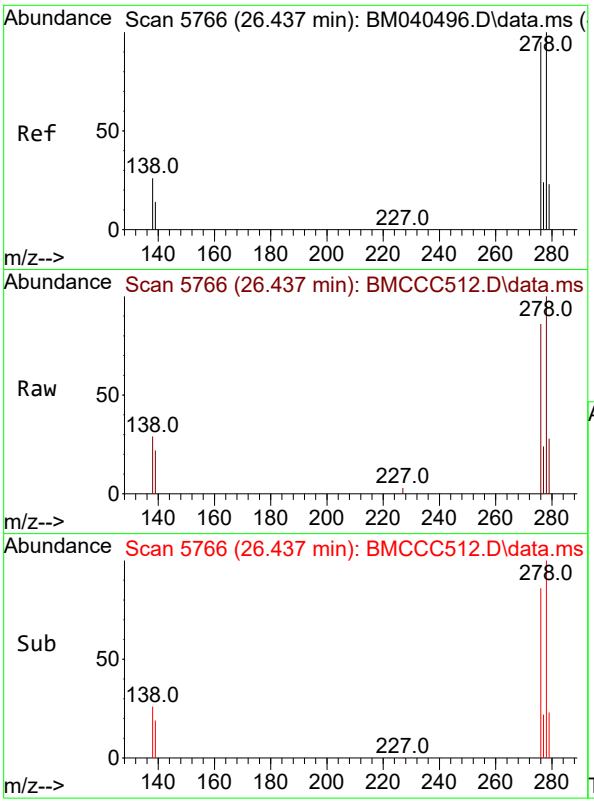


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.006 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:276 Resp: 20086

Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.5	36.7
227	0.0	0.1	0.1#



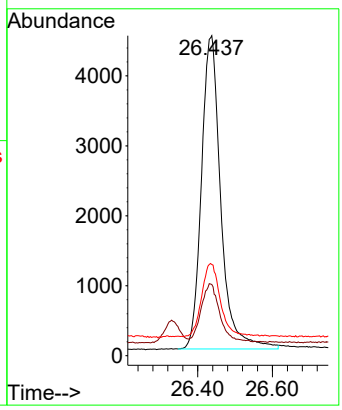


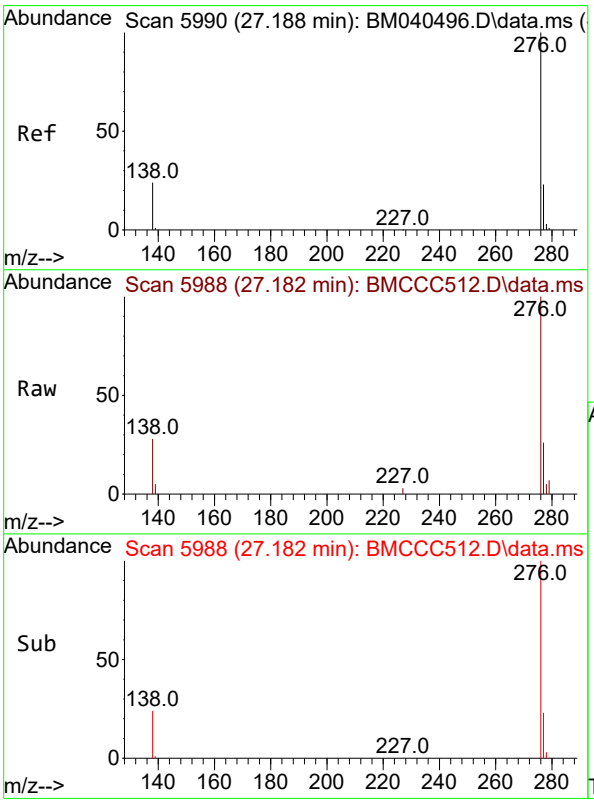
#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.437 min Scan# 5
Delta R.T. 0.000 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:278 Resp: 16081

Ion	Ratio	Lower	Upper
278	100		
139	22.3	17.9	26.9
279	28.5	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.182 min Scan# 5988
Delta R.T. -0.003 min
Lab File: BMCCC512.D
Acq: 01 Jul 2023 21:05

Tgt Ion:276 Resp: 16521

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.0	34.6
277	25.8	20.3	30.5