Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
Data File : BM042169.D
Acq On : 03 Oct 2023 19:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Quant Time: Oct 04 03:13:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	10113	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	4237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	8317	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	4192	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	4443	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2224	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5185	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	7391	0.470	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2303	0.416	ng/ul#	87
5) Naphthalene	10.796	128	13098	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	7588	0.376	ng/ul	96
8) 1-Methylnaphthalene	12.627	142	7535	0.370	ng/ul	99
10) Acenaphthylene	14.314	152	10774	0.403	ng/ul	99
11) Acenaphthene	14.652	153	8362	0.413	ng/ul	99
12) Fluorene	15.642	166	9213	0.404	ng/ul	96
14) Pentachlorophenol	16.991	266	1322	0.351	ng/ul	99
15) Phenanthrene	17.388	178	14173	0.413	ng/ul	100
16) Anthracene	17.481	178	12119	0.386	ng/ul	100
19) Fluoranthene	19.394	202	15848	0.498	ng/ul	96
20) Pyrene	19.761	202	16584	0.490	ng/ul	96
21) Benzo(a)anthracene	21.498	228	11363	0.420	ng/ul	99
22) Chrysene	21.553	228	12229	0.464	ng/ul	100
24) Benzo(b)fluoranthene	23.178	252	11659	0.445	ng/ul	95
25) Benzo(k)fluoranthene	23.225	252	12152	0.471	ng/ul	94
26) Benzo(a)pyrene	23.816	252	10613	0.470	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.414	276	14606	0.456	ng/ul	90
28) Dibenzo(a,h)anthracene	26.438	278	10799	0.447	ng/ul	96
29) Benzo(g,h,i)perylene	27.186	276	12652	0.473	ng/ul	95

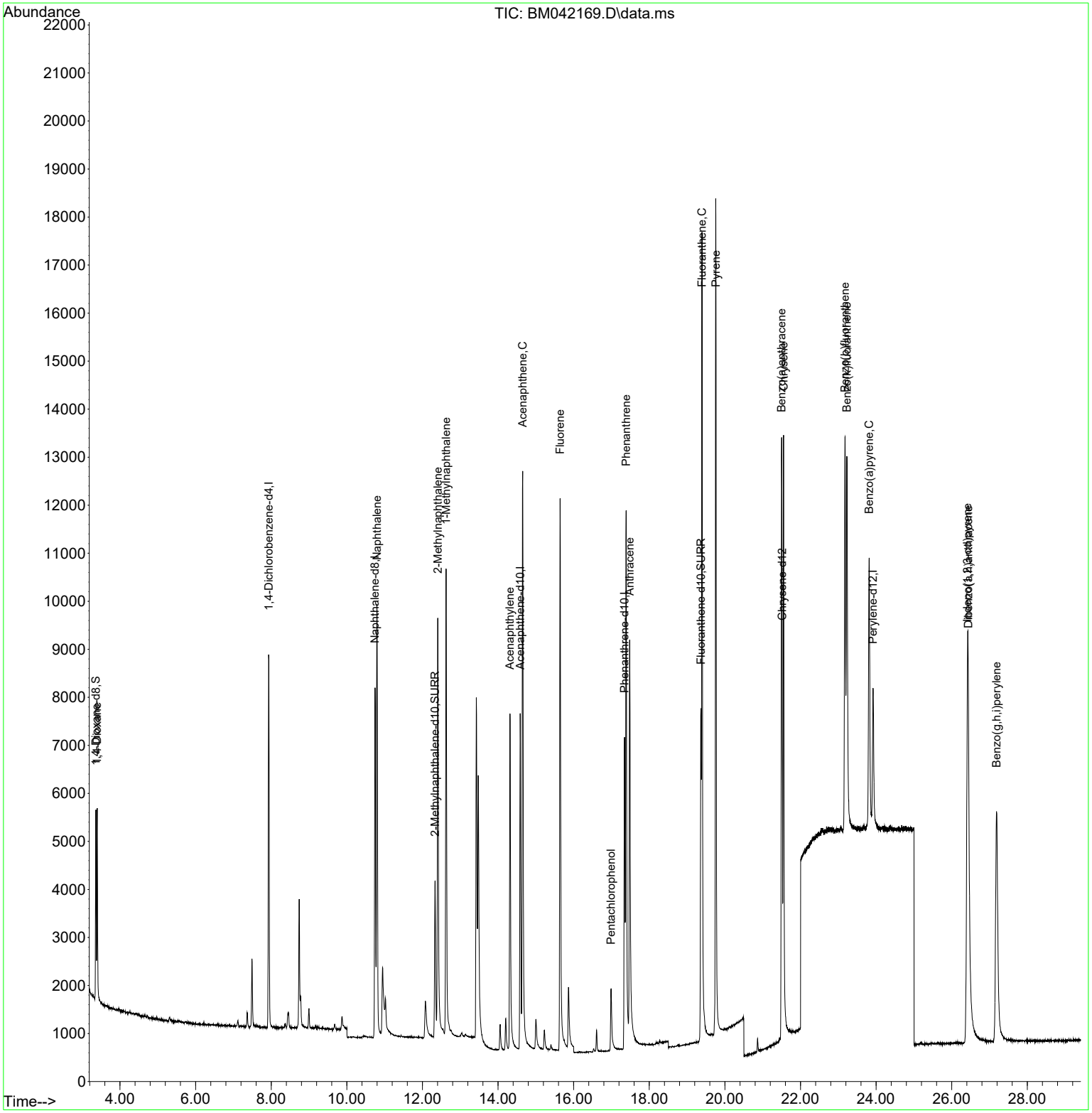
(#) = qualifier out of range (m) = manual integration (+) = signals summed

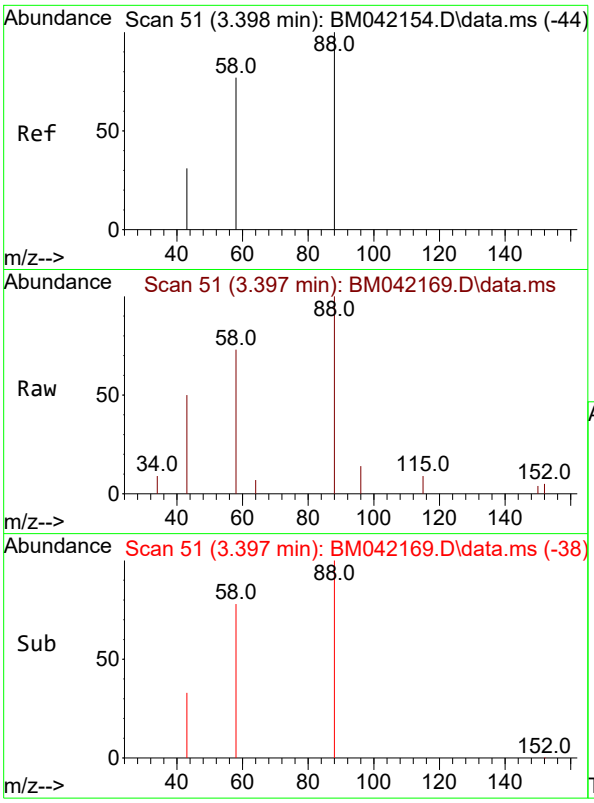
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
Data File : BM042169.D
Acq On : 03 Oct 2023 19:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Quant Time: Oct 04 03:13:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration



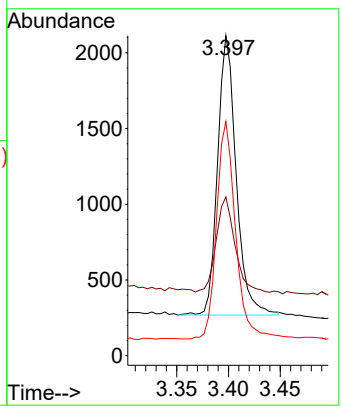


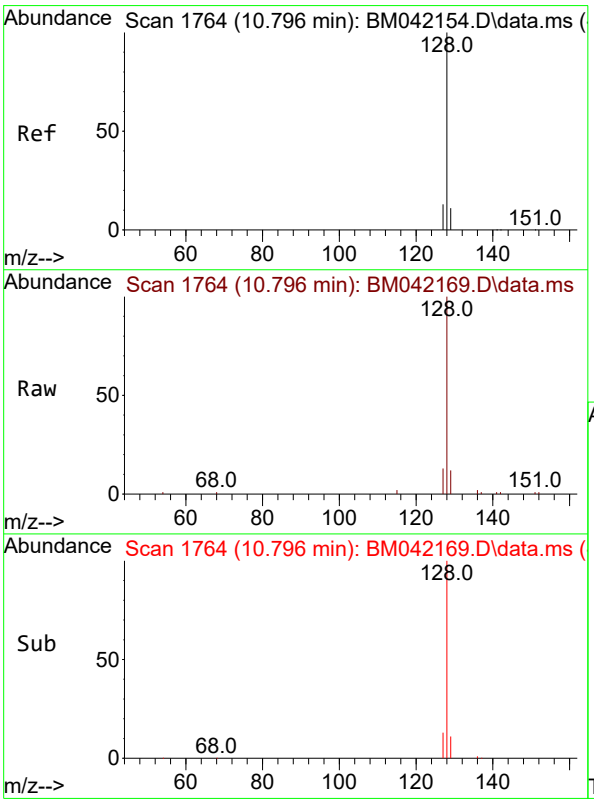
#2
1,4-Dioxane
Concen: 0.416 ng/ul
RT: 3.397 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion: 88 Resp: 2303

Ion	Ratio	Lower	Upper
88	100		
43	49.6	52.1	78.1#
58	73.2	53.8	80.6

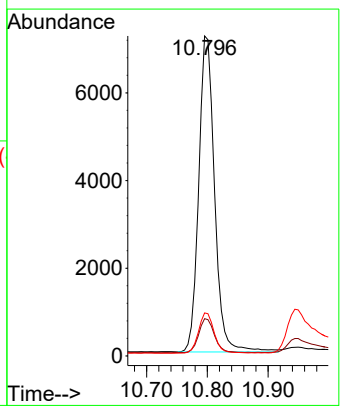


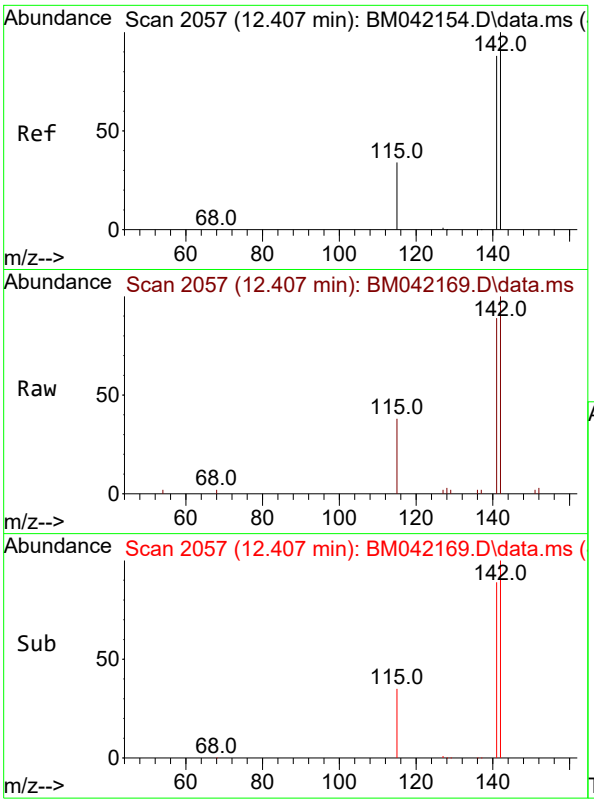


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:128 Resp: 13098

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.4	11.0	16.4



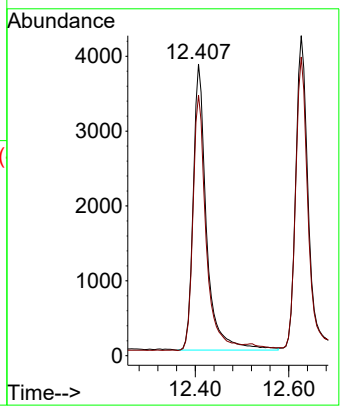


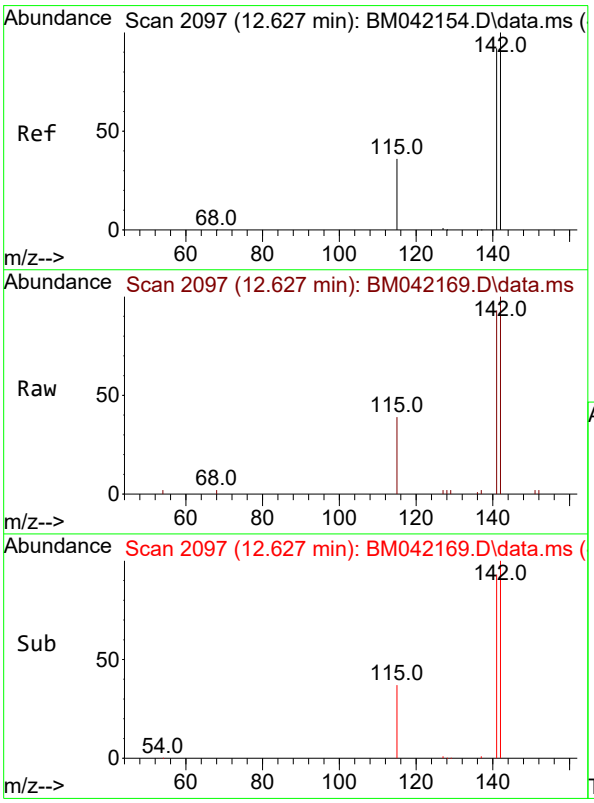
#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.407 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:142 Resp: 7588

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.2	105.4

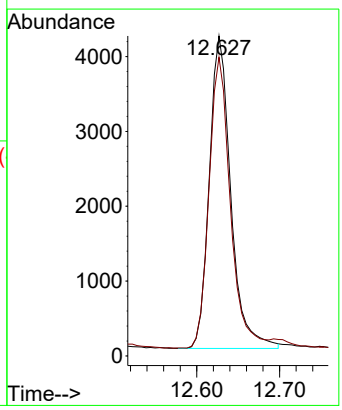


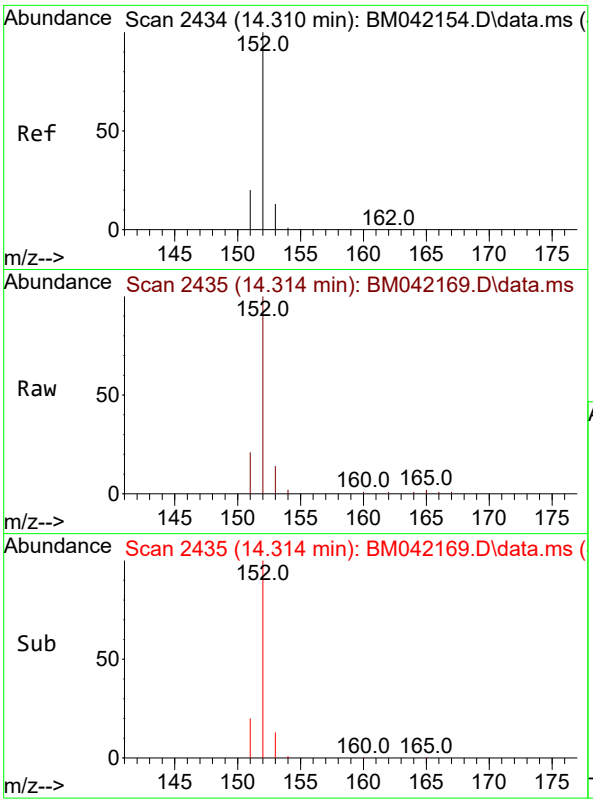


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:142 Resp: 7535

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.5	110.3



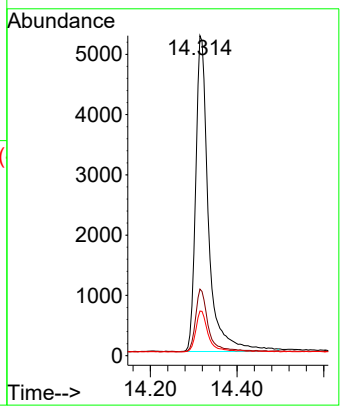


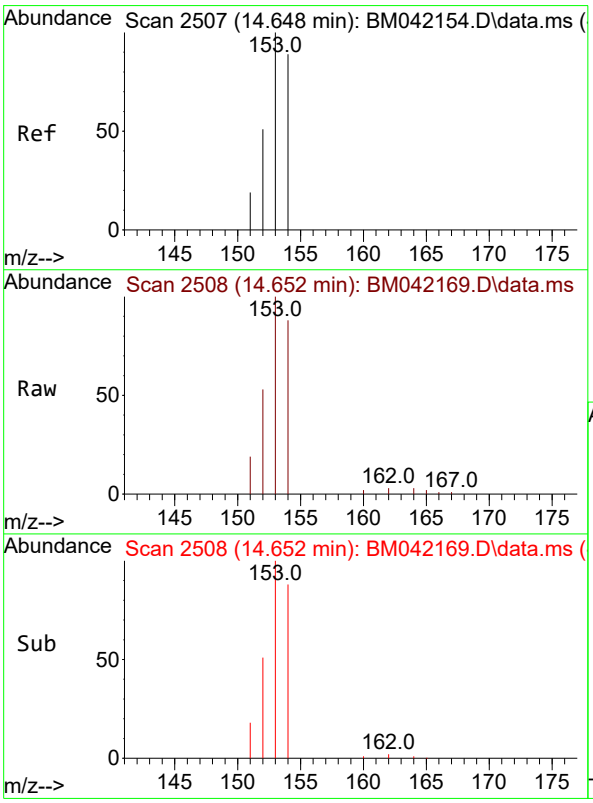
#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.314 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:152 Resp: 10774

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	14.0	10.9	16.3

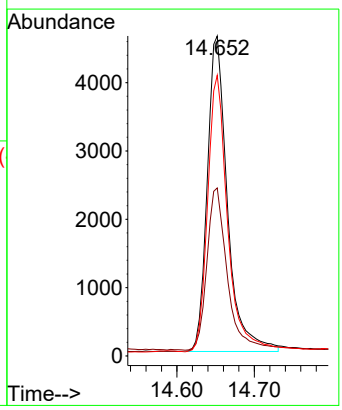


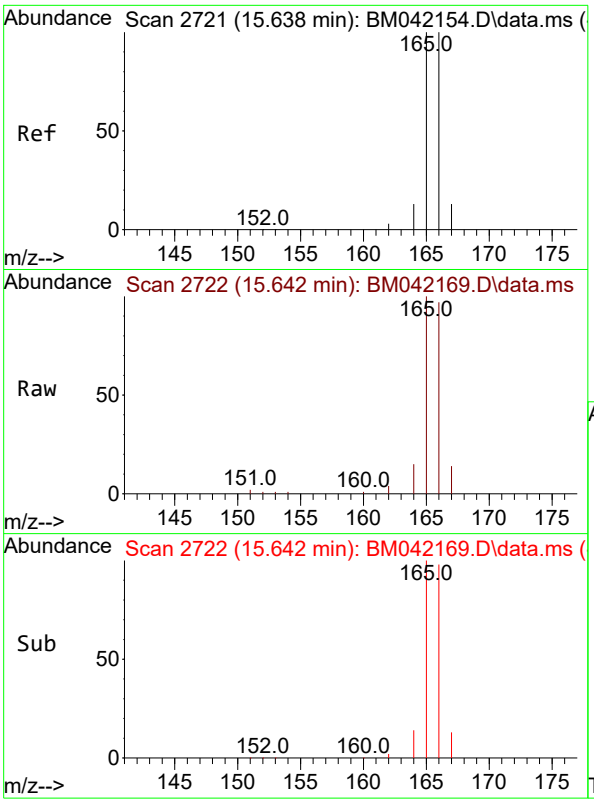


#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:153 Resp: 8362

Ion	Ratio	Lower	Upper
153	100		
152	52.5	41.1	61.7
154	87.7	69.5	104.3



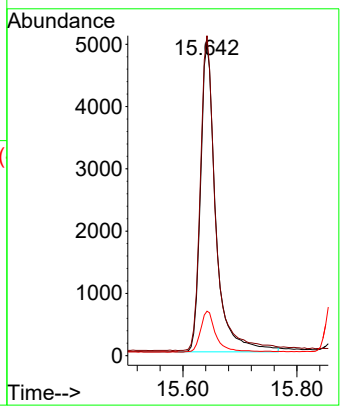


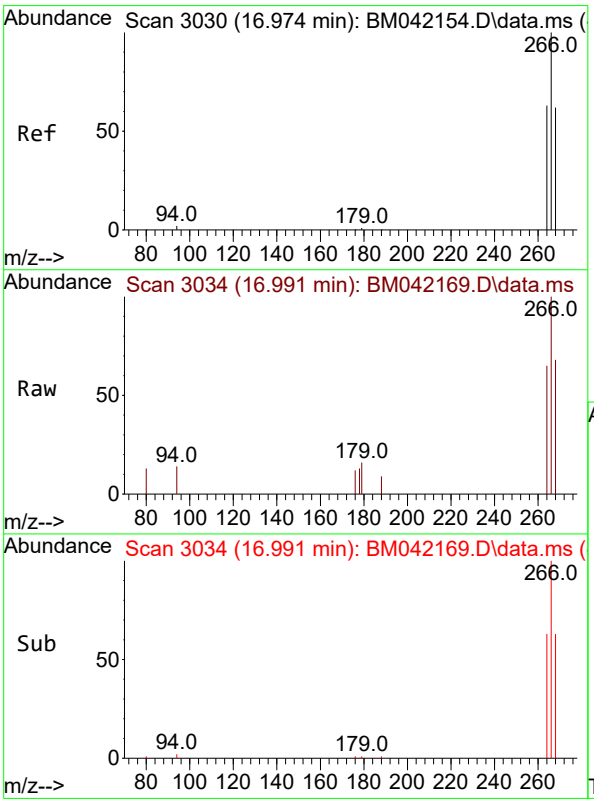
#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.642 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:166 Resp: 9213

Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.4	117.6
167	14.3	11.5	17.3

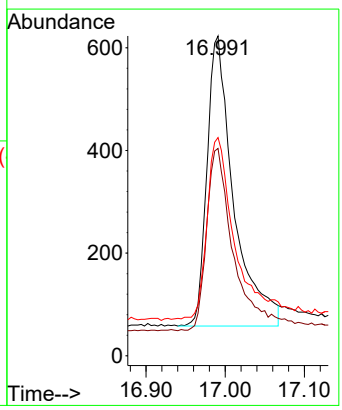


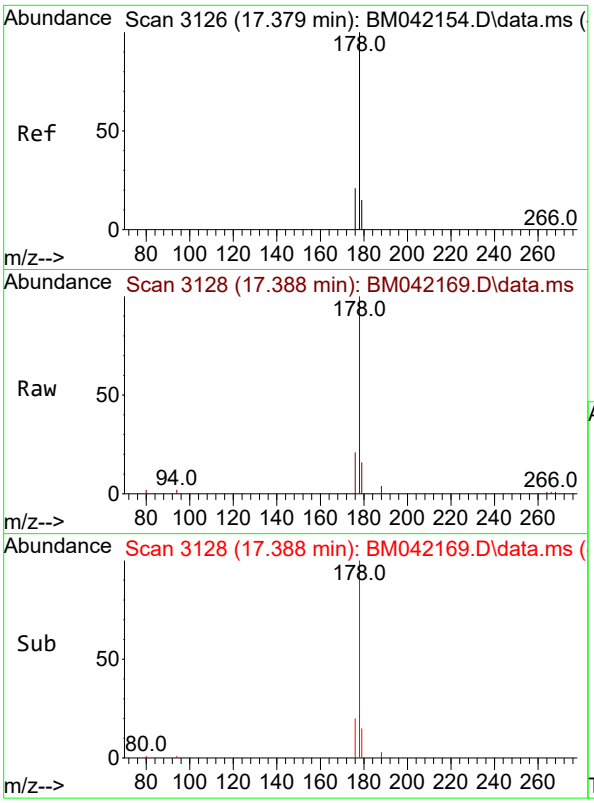


#14
Pentachlorophenol
Concen: 0.351 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.013 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:266 Resp: 1322

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.1	76.7
268	65.1	52.1	78.1



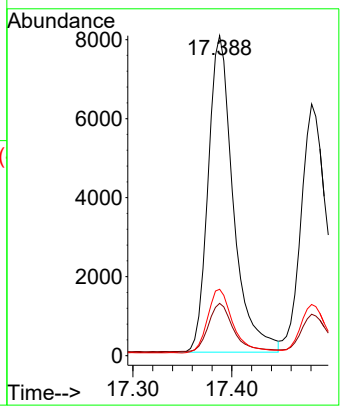


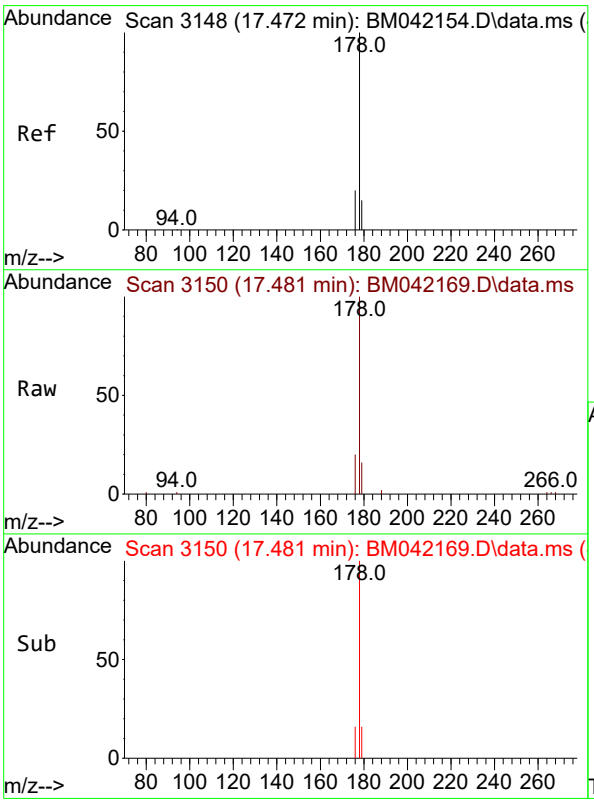
#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.388 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:178 Resp: 14173

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	20.7	16.8	25.2

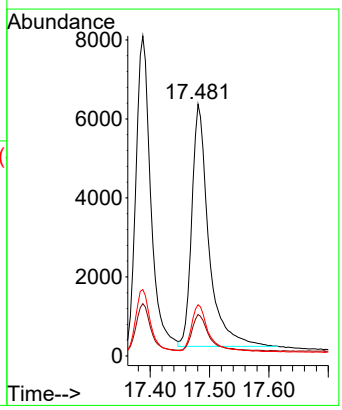


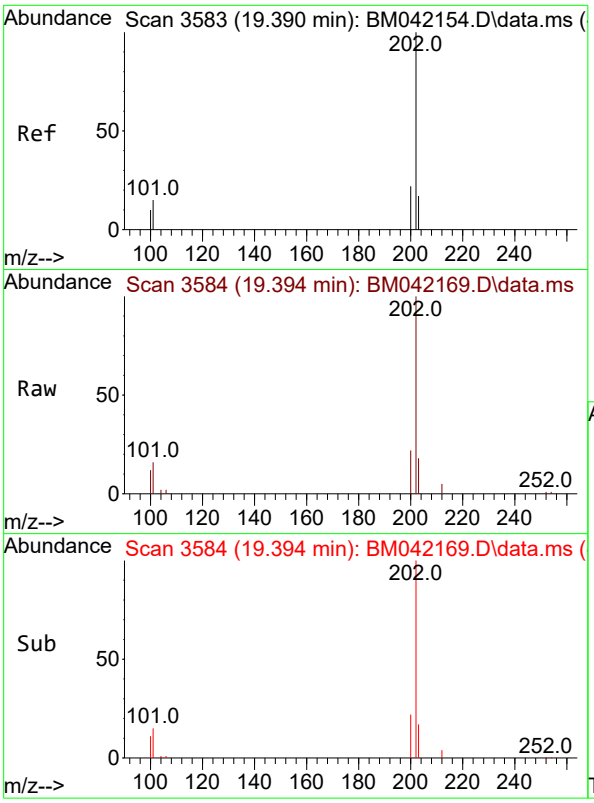


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:178 Resp: 12119

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	20.4	16.3	24.5



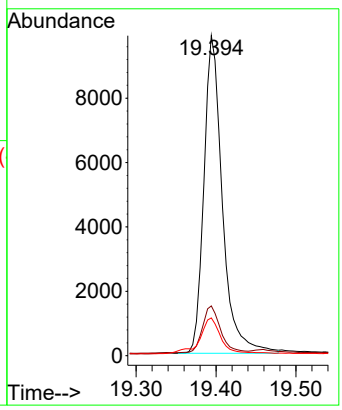


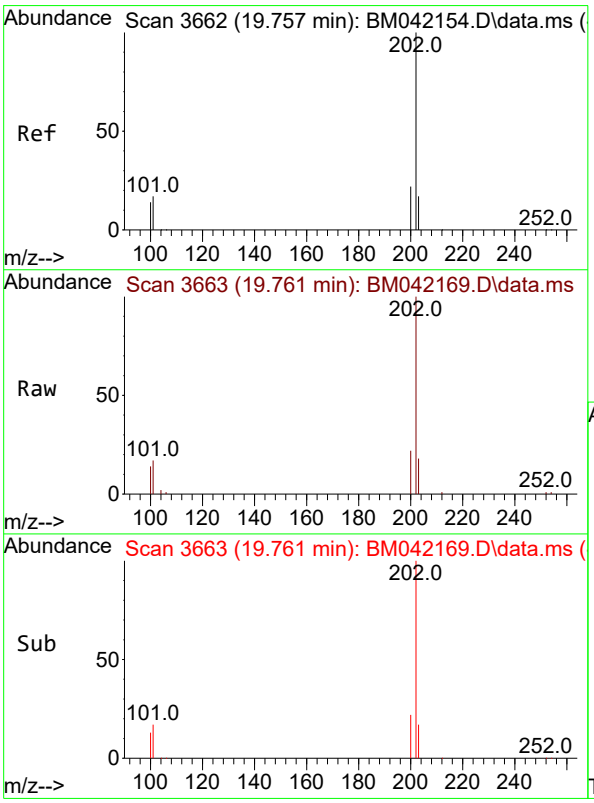
#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:202 Resp: 15848

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.1	16.7
100	11.8	8.2	12.2

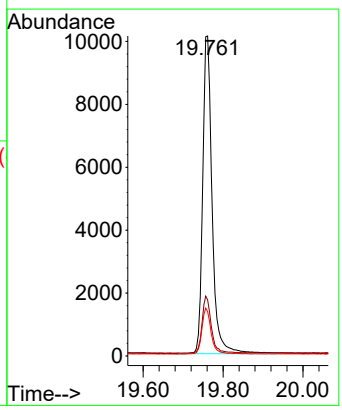


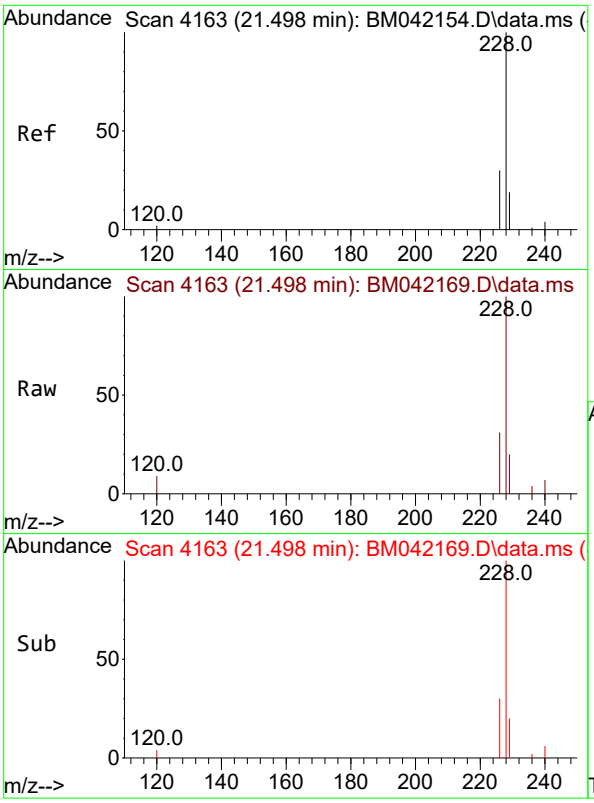


#20
Pyrene
Concen: 0.490 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:202 Resp: 16584

Ion	Ratio	Lower	Upper
202	100		
101	17.5	12.7	19.1
100	13.8	9.9	14.9



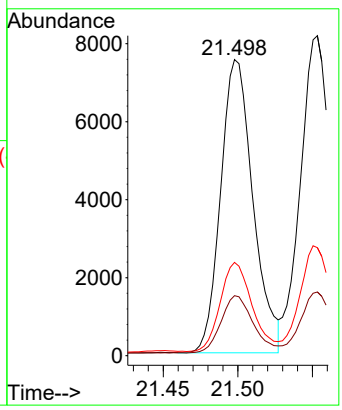


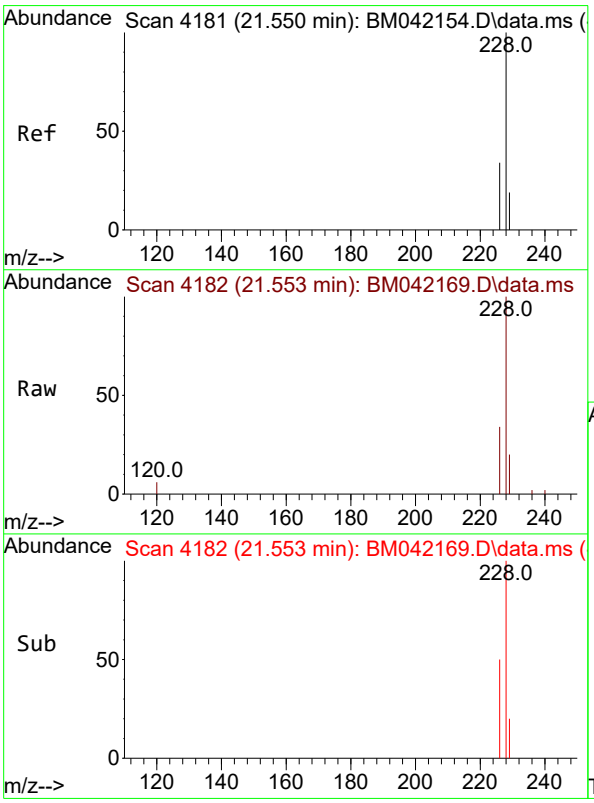
#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.498 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:228 Resp: 11363

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	31.5	24.6	37.0

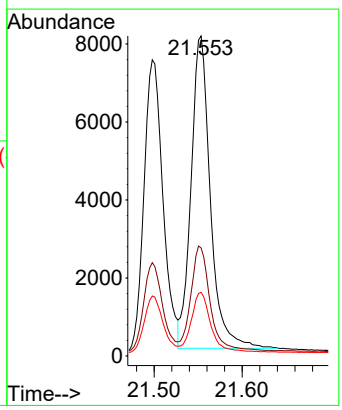


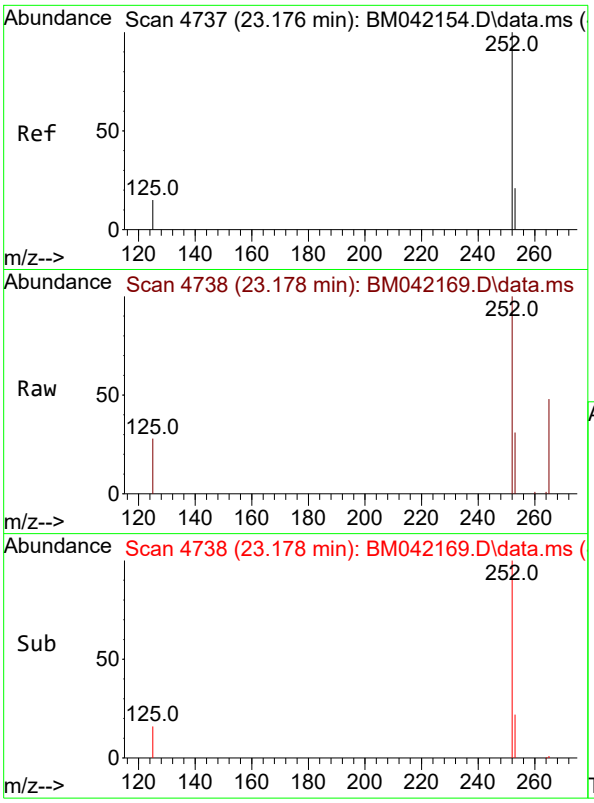


#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:228 Resp: 12229

Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.7	40.1
229	19.9	15.8	23.8



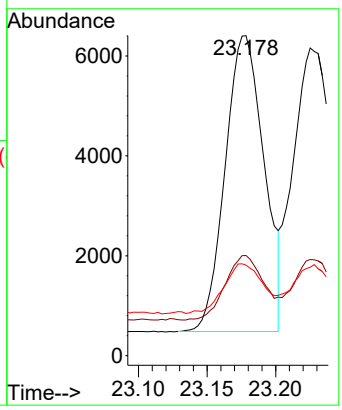


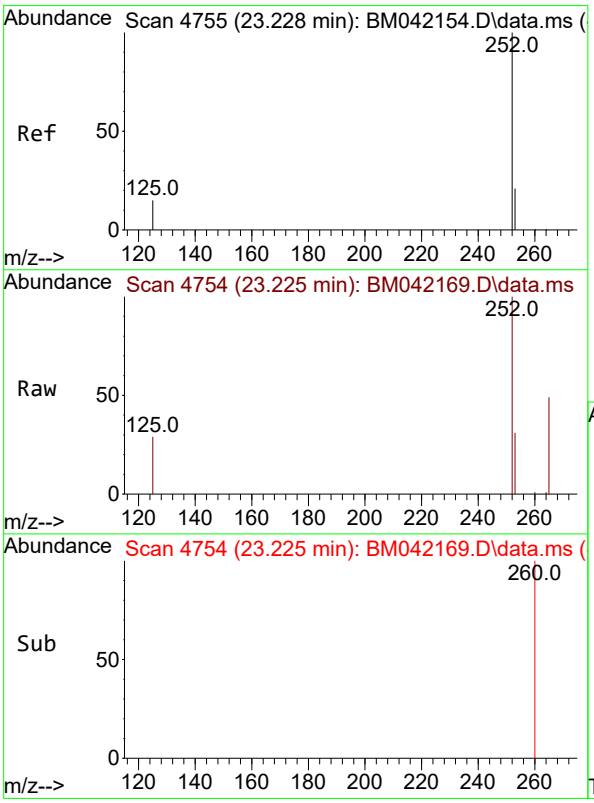
#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 23.178 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:252 Resp: 11659

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	59.0
125	28.3	0.0	49.6

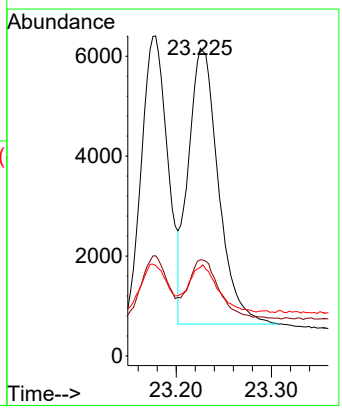


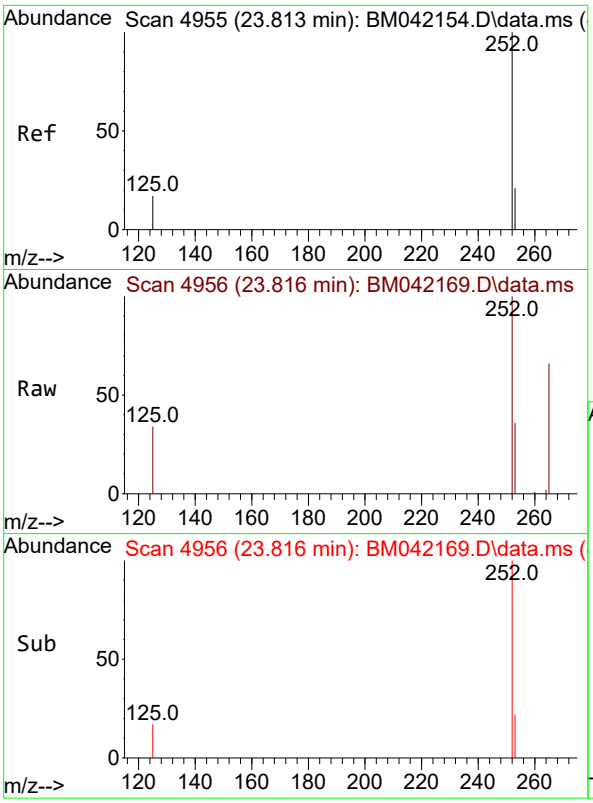


#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:252 Resp: 12152

Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.4	35.0
125	28.7	19.9	29.9



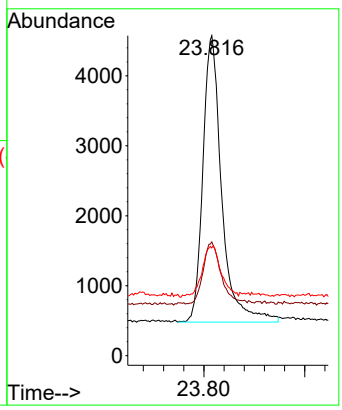


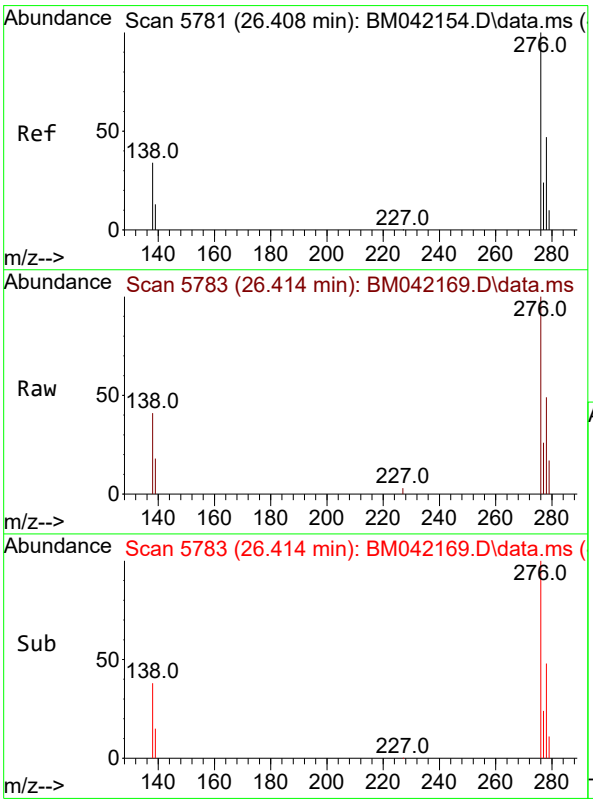
#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.816 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:252 Resp: 10613

Ion	Ratio	Lower	Upper
252	100		
253	35.5	25.3	37.9
125	33.6	23.2	34.8

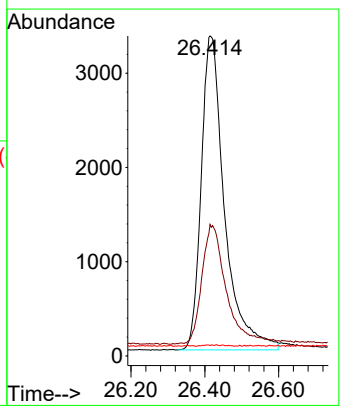


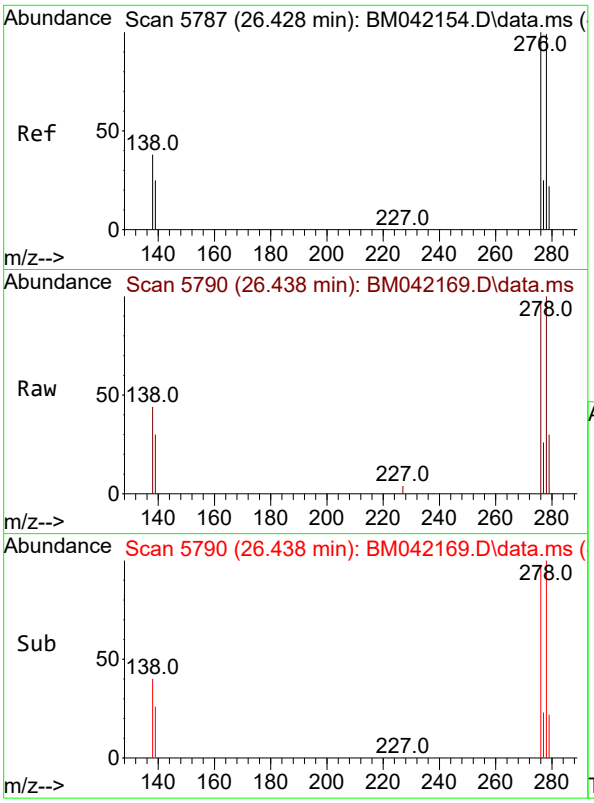


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.414 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:276 Resp: 14606

Ion	Ratio	Lower	Upper
276	100		
138	39.0	26.7	40.1
227	0.2	0.2	0.2



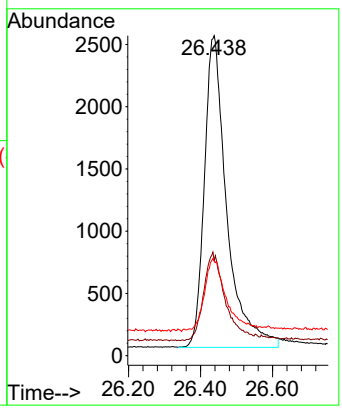


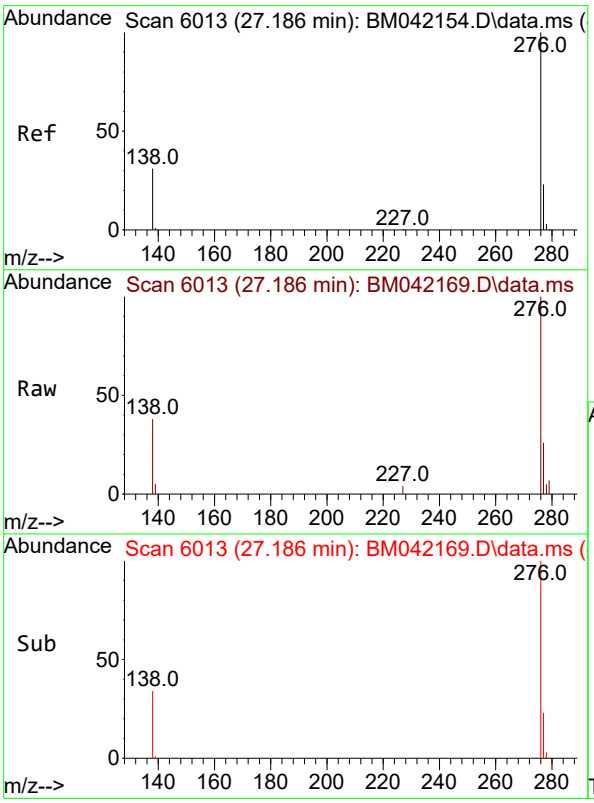
#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.438 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:278 Resp: 10799

Ion	Ratio	Lower	Upper
278	100		
139	29.6	21.7	32.5
279	29.6	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.010 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:276 Resp: 12652

Ion	Ratio	Lower	Upper
276	100		
138	37.7	26.8	40.2
277	25.5	20.1	30.1