Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037798.D
Acq On : 30 Nov 2022 10:50
Operator : CG/JU
Sample : SSTD0.292
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Nov 30 23:29:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 23:27:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	4522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	13627	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.730	164	7185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.467	188	14893	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.632	240	10468	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	10450	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	1232	0.205	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	3975	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	7232	0.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	1245	0.198	ng/ul#	83
5) Naphthalene	10.976	128	8496	0.199	ng/ul	99
7) 2-Methylnaphthalene	12.571	142	5151	0.199	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	5311	0.200	ng/ul	99
10) Acenaphthylene	14.452	152	7160	0.199	ng/ul	99
11) Acenaphthene	14.790	153	5965	0.199	ng/ul	98
12) Fluorene	15.771	166	6625	0.200	ng/ul	97
14) Pentachlorophenol	17.113	266	980	0.200	ng/ul	99
15) Phenanthrene	17.505	178	10869	0.201	ng/ul	97
16) Anthracene	17.598	178	9596	0.200	ng/ul	97
19) Fluoranthene	19.510	202	11709	0.202	ng/ul#	83
20) Pyrene	19.872	202	12409	0.204	ng/ul#	85
21) Benzo(a)anthracene	21.614	228	10318	0.203	ng/ul	98
22) Chrysene	21.670	228	10423	0.203	ng/ul	98
24) Benzo(b)fluoranthene	23.353	252	11249	0.205	ng/ul#	67
25) Benzo(k)fluoranthene	23.403	252	10497	0.199	ng/ul#	66
26) Benzo(a)pyrene	24.005	252	9555	0.204	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.712	276	12371	0.203	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.735	278	9724	0.203	ng/ul#	79
29) Benzo(g,h,i)perylene	27.517	276	10456	0.204	ng/ul#	83

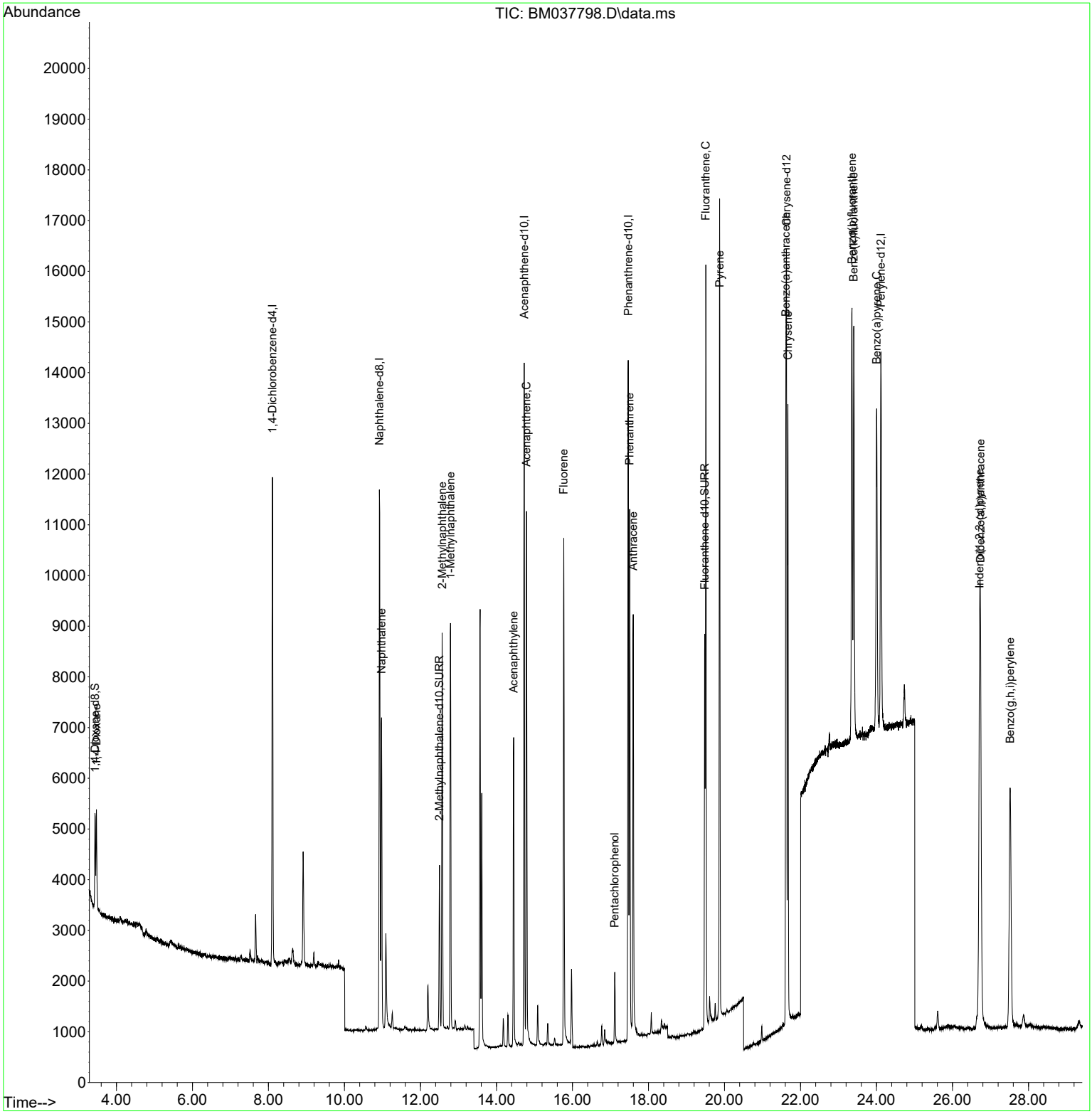
(#) = qualifier out of range (m) = manual integration (+) = signals summed

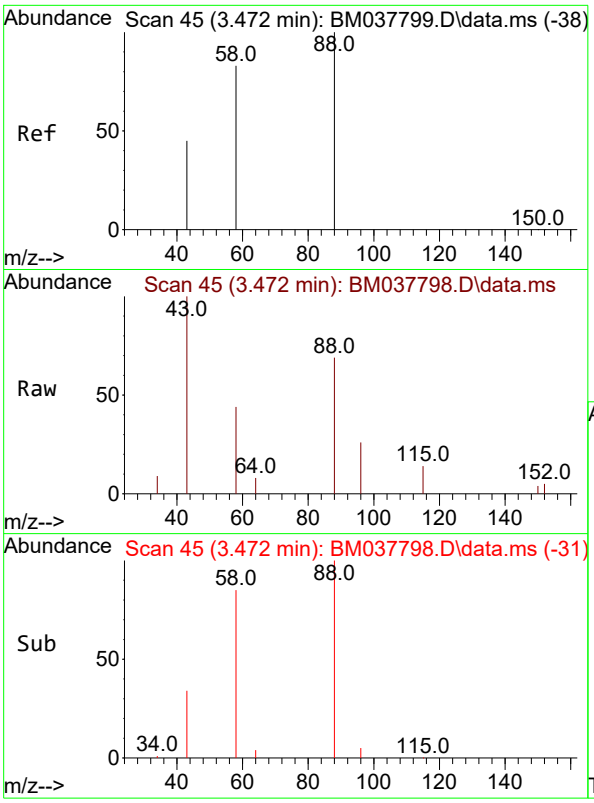
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037798.D
Acq On : 30 Nov 2022 10:50
Operator : CG/JU
Sample : SSTD0.292
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Nov 30 23:29:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 23:27:43 2022
Response via : Initial Calibration



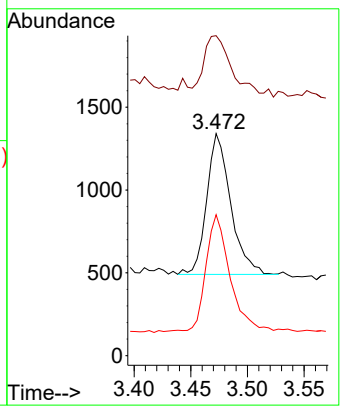


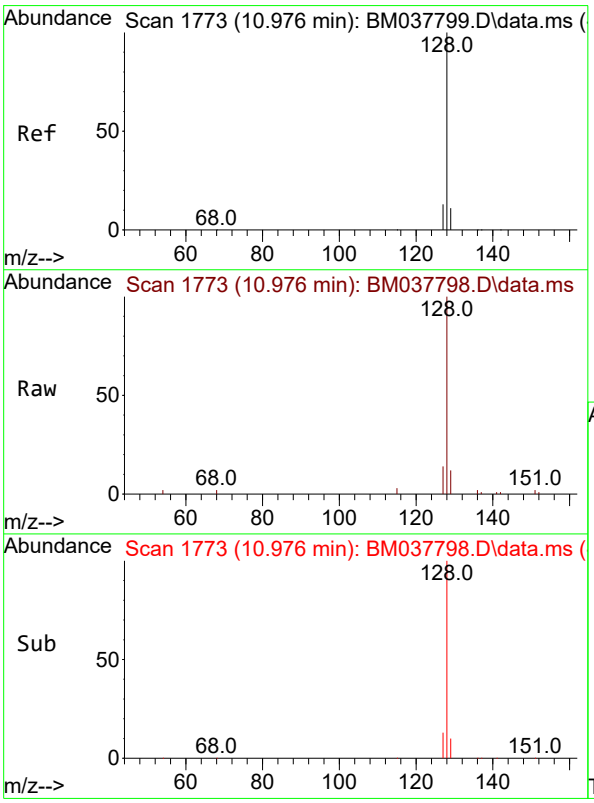
#2
1,4-Dioxane
Concen: 0.198 ng/ul
RT: 3.472 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion: 88 Resp: 1245

Ion	Ratio	Lower	Upper
88	100		
43	144.1	102.8	154.2
58	63.5	67.3	100.9#

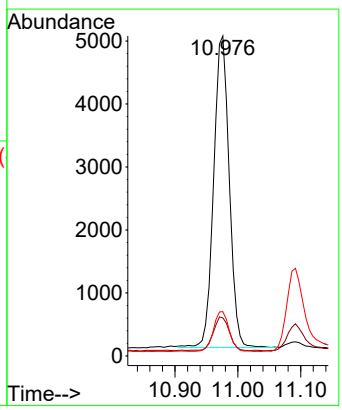


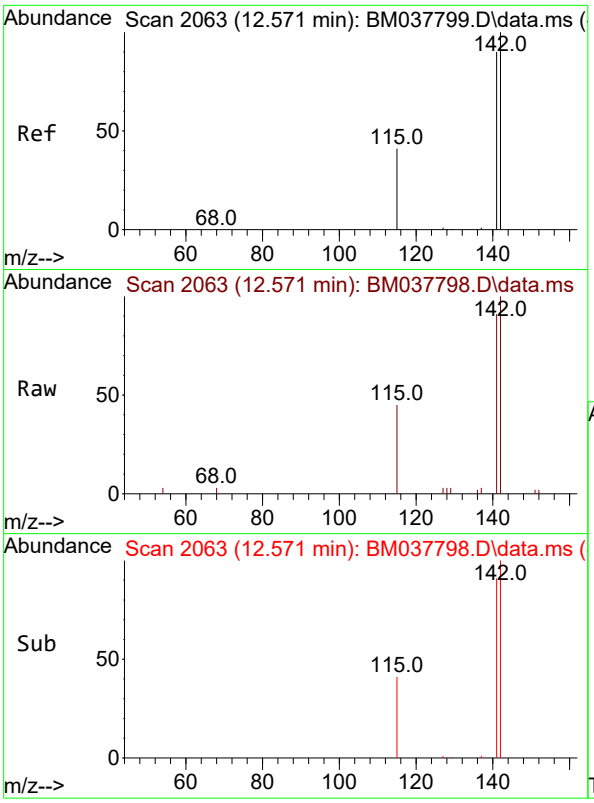


#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.976 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:128 Resp: 8496

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.8
127	13.9	11.0	16.4



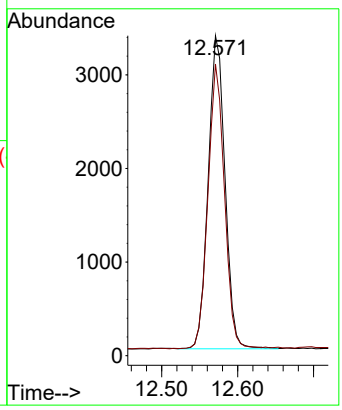


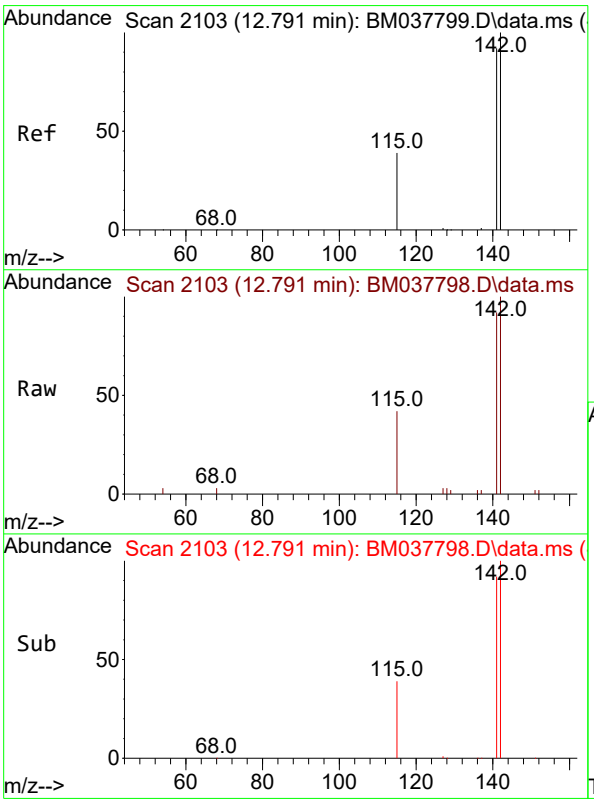
#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:142 Resp: 5151

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4

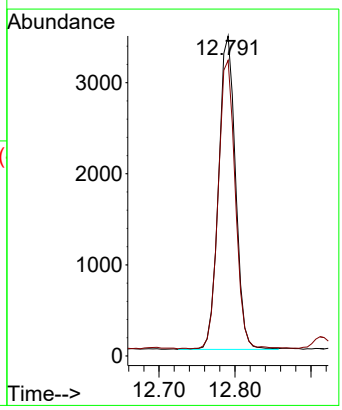


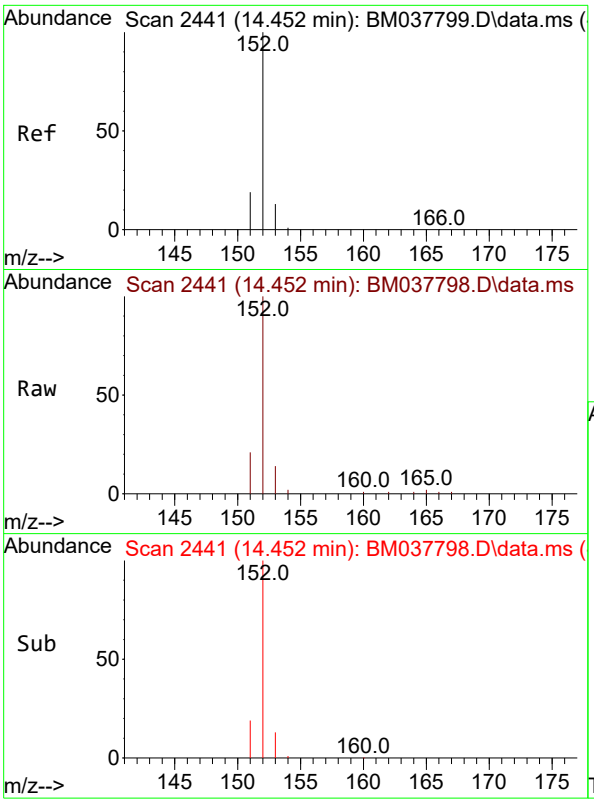


#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:142 Resp: 5311

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.4	110.0



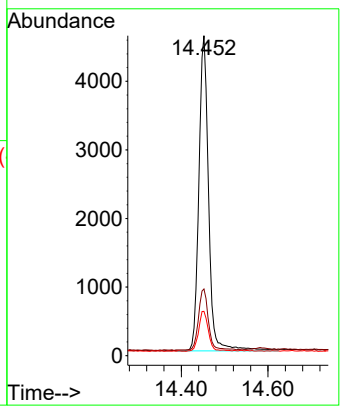


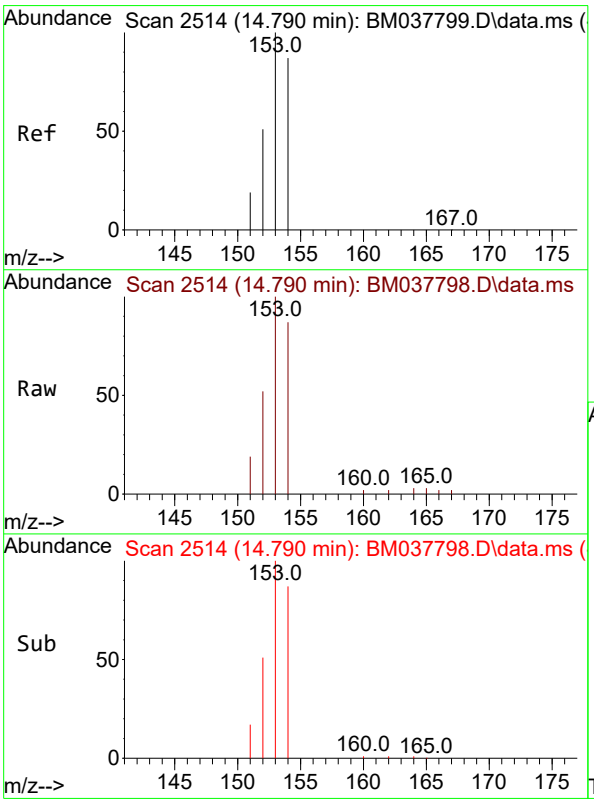
#10
Acenaphthylene
Concen: 0.199 ng/ul
RT: 14.452 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:152 Resp: 7160

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	13.9	11.0	16.4

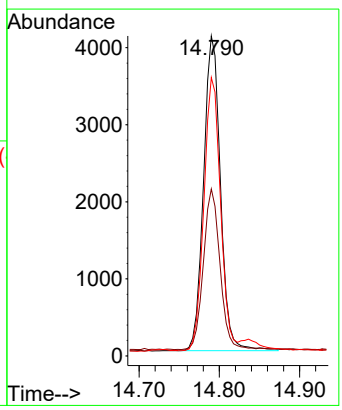


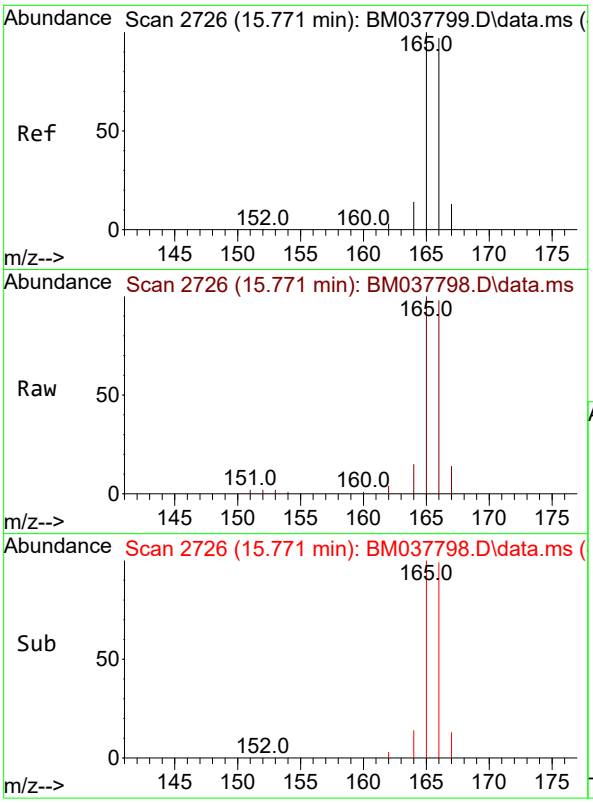


#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:153 Resp: 5965

Ion	Ratio	Lower	Upper
153	100		
152	52.2	39.4	59.0
154	87.0	69.5	104.3



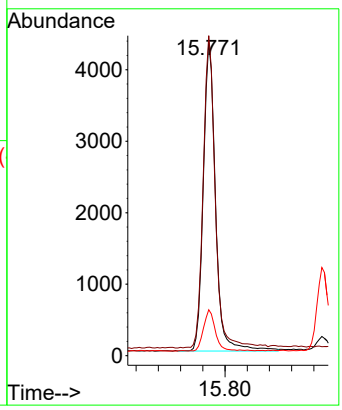


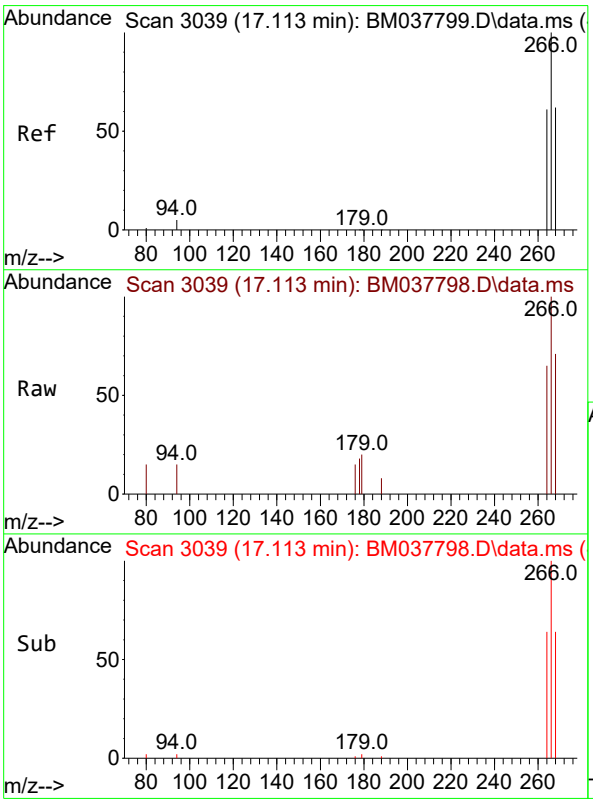
#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.771 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:166 Resp: 6625

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.7	118.1
167	14.6	11.3	16.9

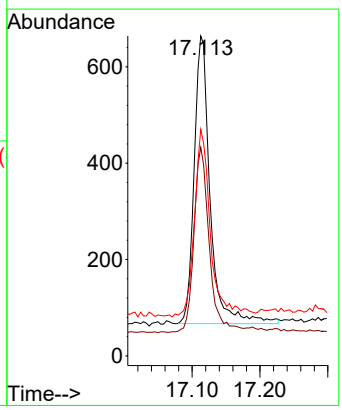


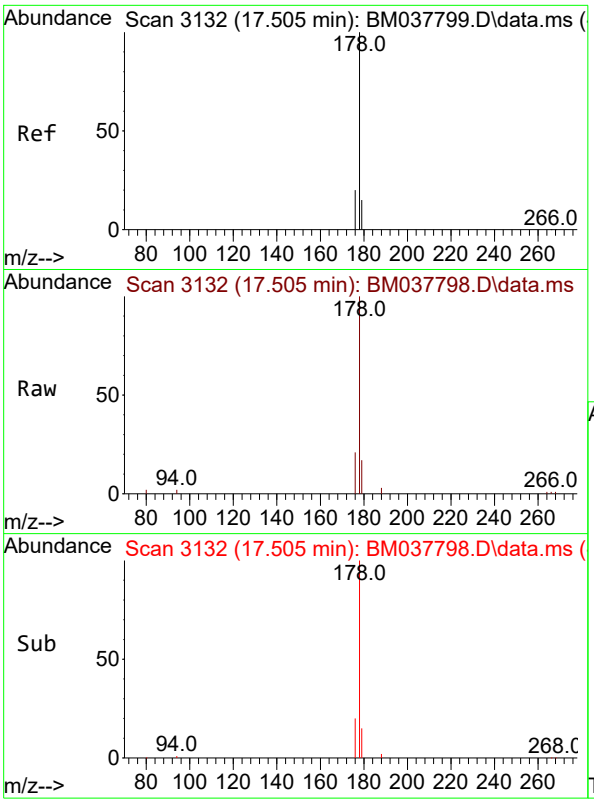


#14
Pentachlorophenol
Concen: 0.200 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:266 Resp: 980

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	66.4	52.0	78.0



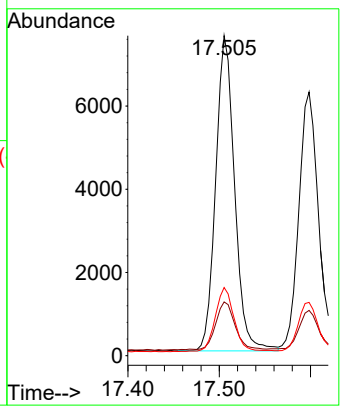


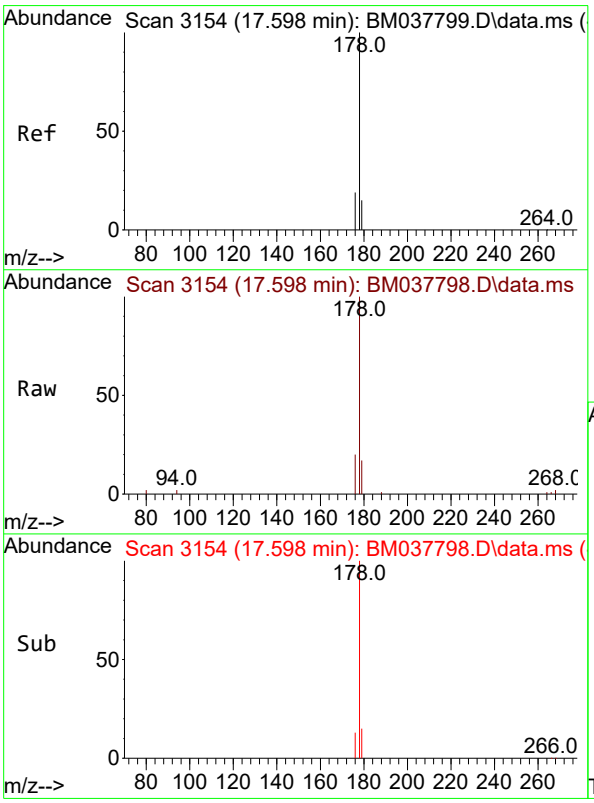
#15
Phenanthrene
Concen: 0.201 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:178 Resp: 10869

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	21.3	16.0	24.0

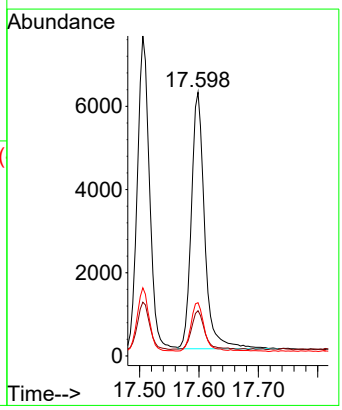


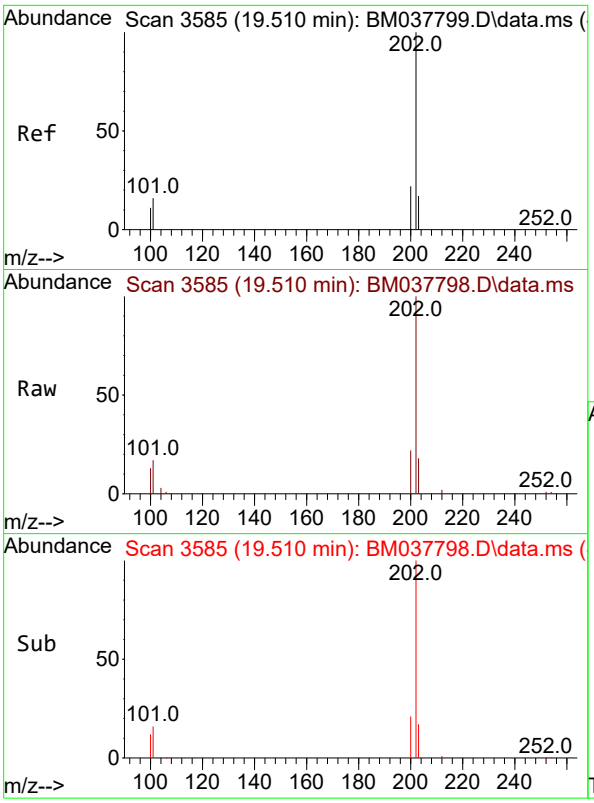


#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.598 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:178 Resp: 9596

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.2	15.0	22.6



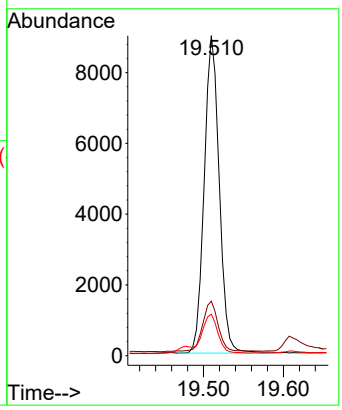


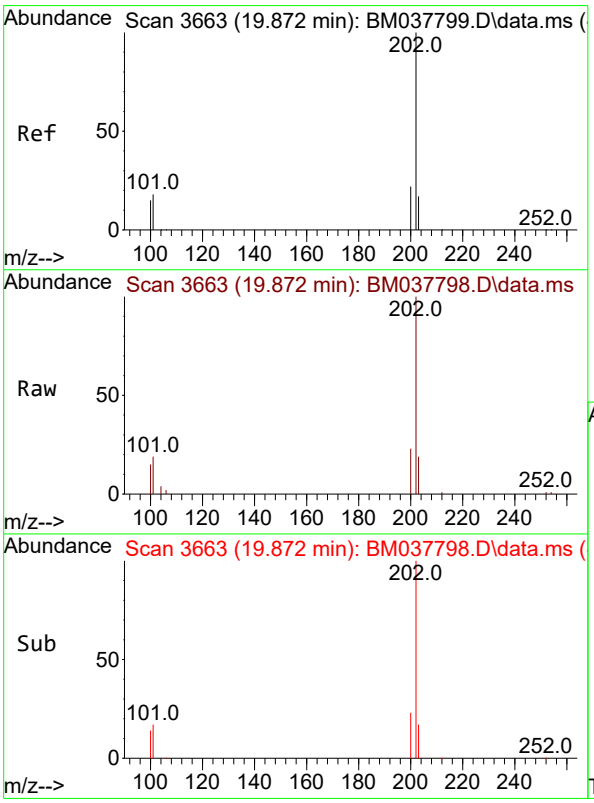
#19
Fluoranthene
Concen: 0.202 ng/ul
RT: 19.510 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:202 Resp: 11709

Ion	Ratio	Lower	Upper
202	100		
101	17.1	8.2	12.2#
100	13.0	6.1	9.1#

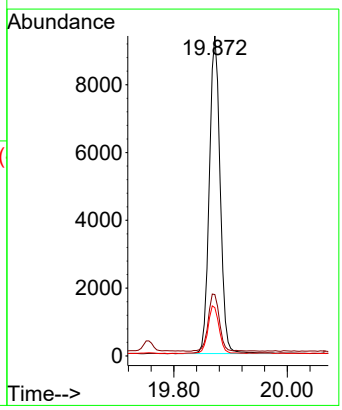


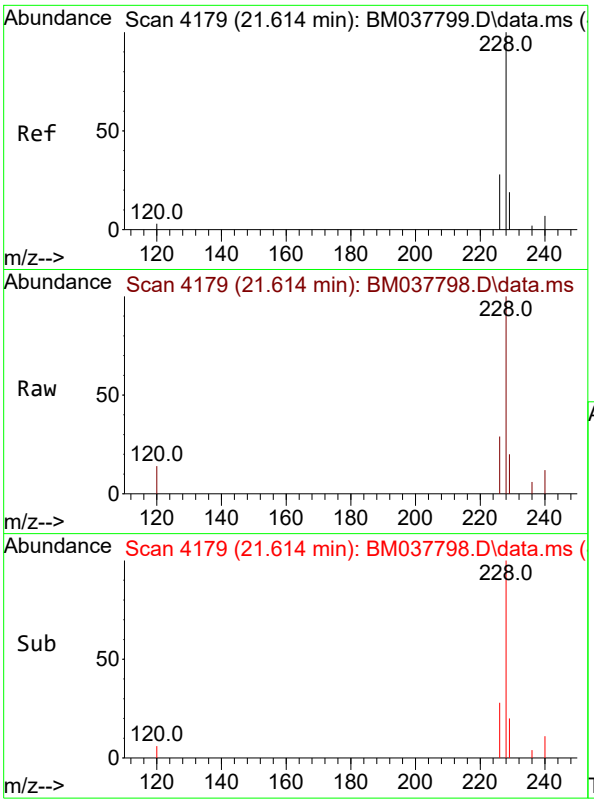


#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:202 Resp: 12409

Ion	Ratio	Lower	Upper
202	100		
101	19.2	10.1	15.1#
100	15.1	8.0	12.0#



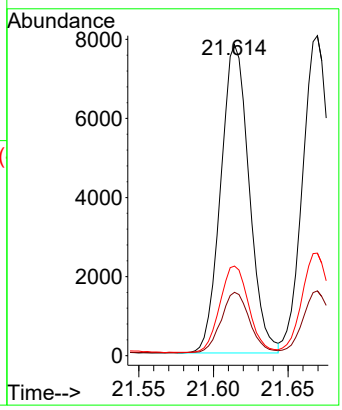


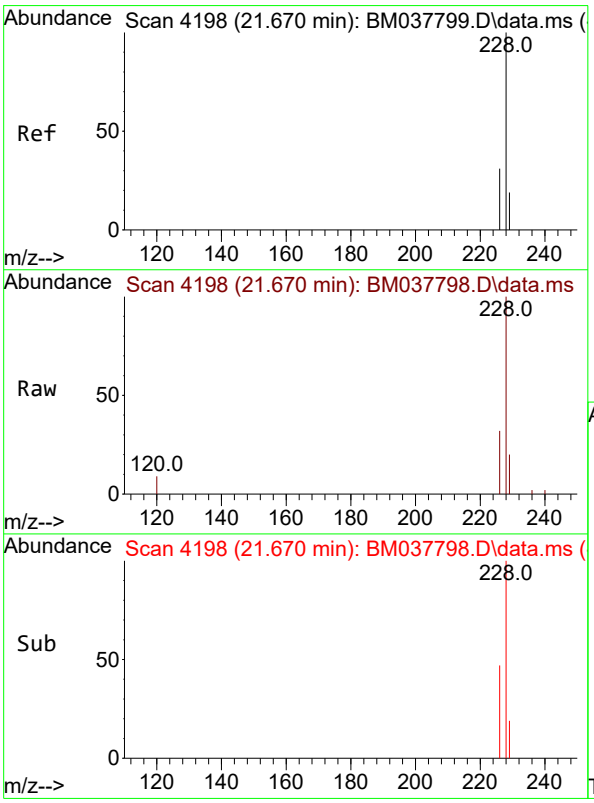
#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.614 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:228 Resp: 10318

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.8	22.2	33.2

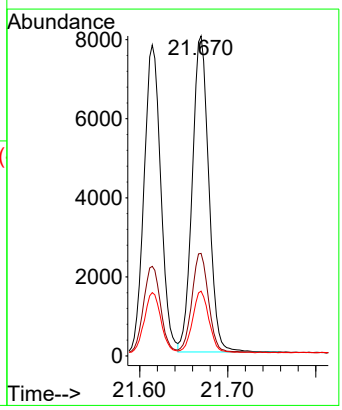


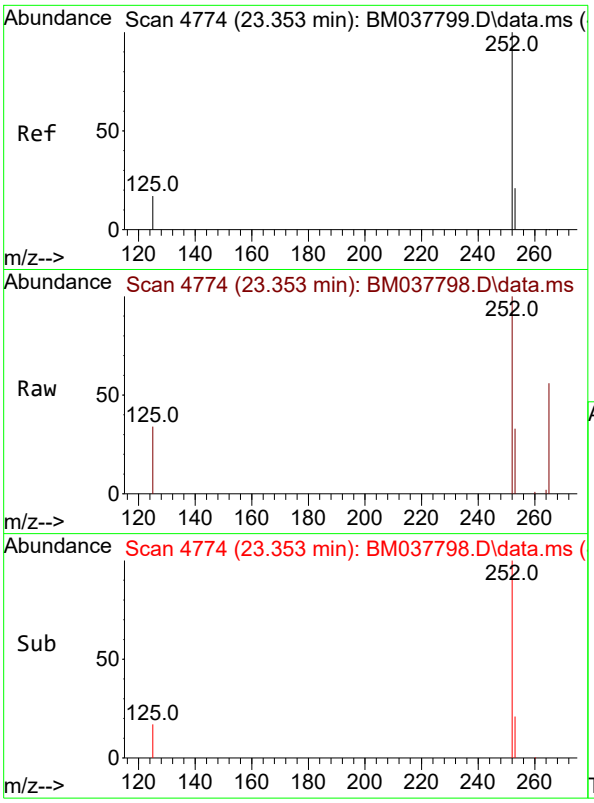


#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:228 Resp: 10423

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	20.2	15.5	23.3



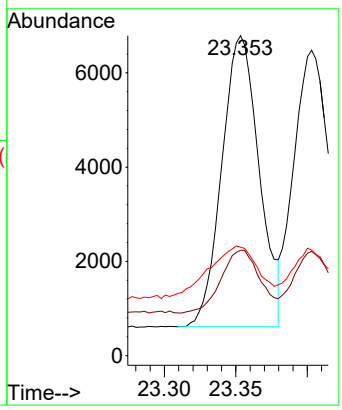


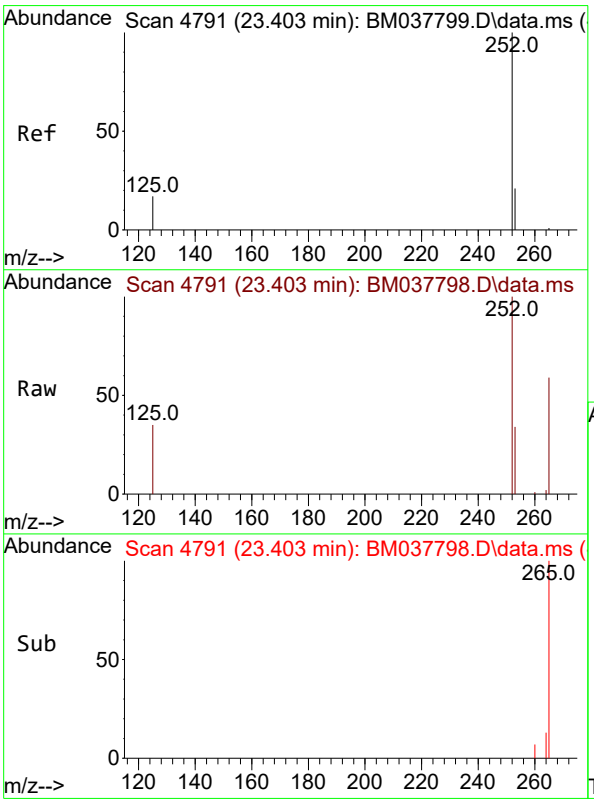
#24
Benzo(b)fluoranthene
Concen: 0.205 ng/ul
RT: 23.353 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 11249

Ion	Ratio	Lower	Upper
252	100		
253	33.0	0.0	46.2
125	33.9	0.0	23.4#

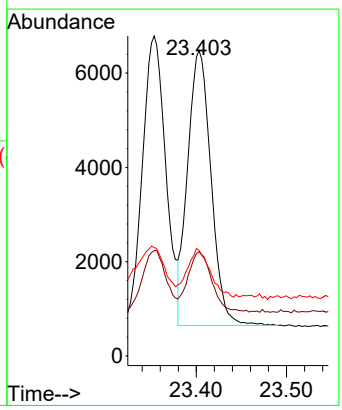


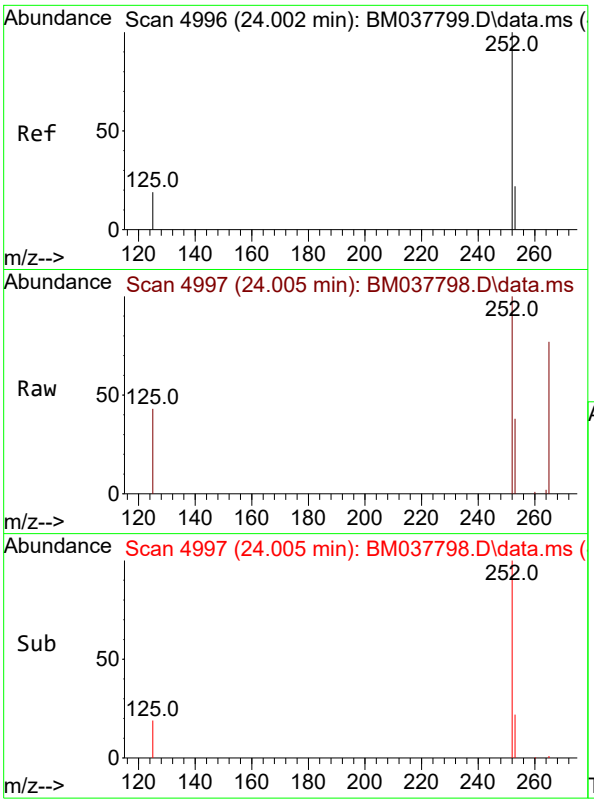


#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. 0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:252 Resp: 10497

Ion	Ratio	Lower	Upper
252	100		
253	34.2	18.8	28.2#
125	34.6	9.8	14.6#



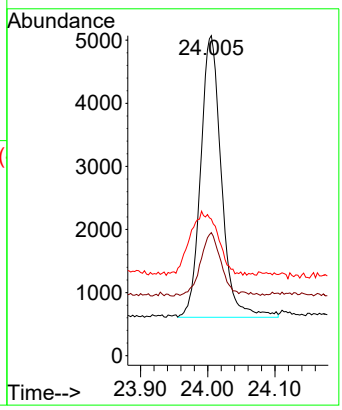


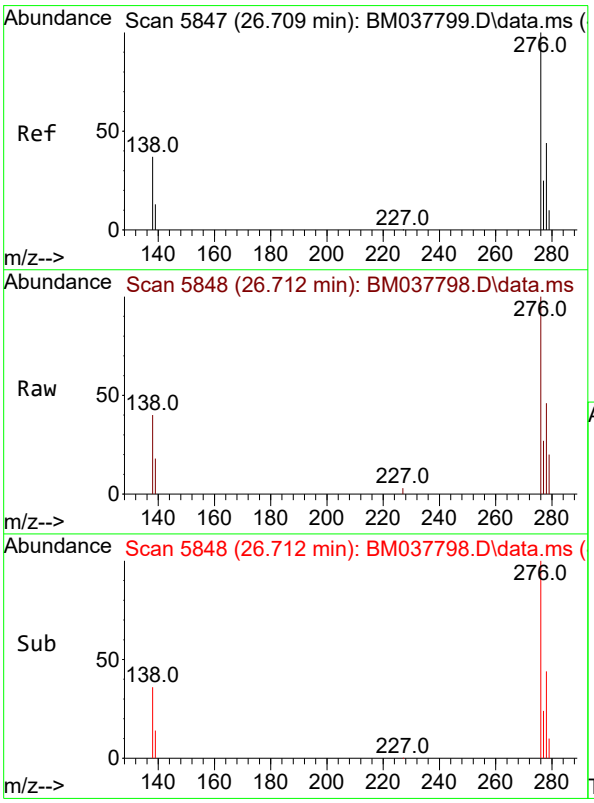
#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 24.005 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 9555

Ion	Ratio	Lower	Upper
252	100		
253	38.4	18.8	28.2#
125	42.7	10.5	15.7#

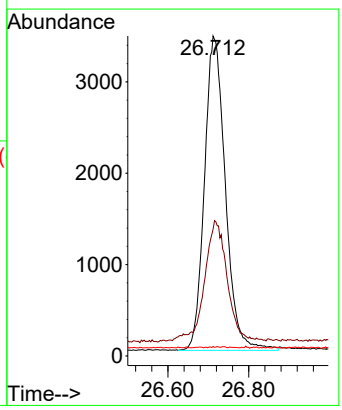


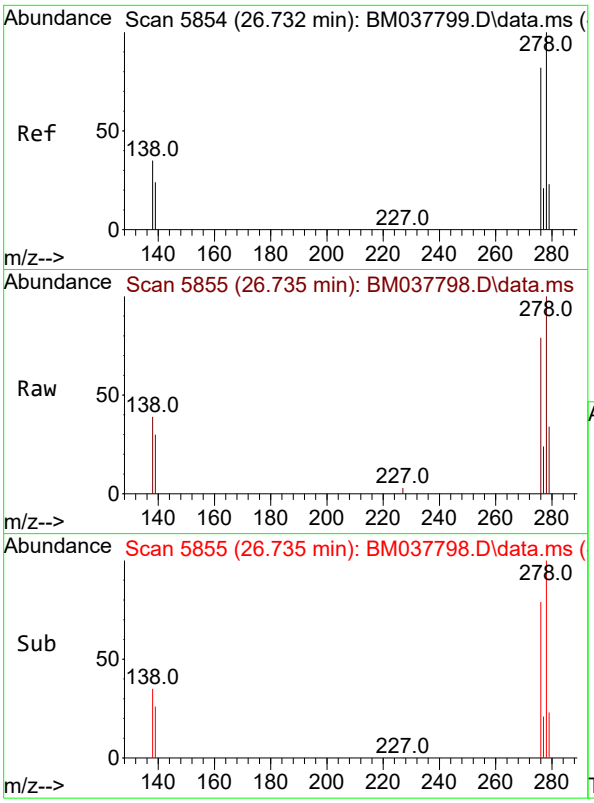


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 26.712 min Scan# 5848
Delta R.T. 0.003 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:276 Resp: 12371

Ion	Ratio	Lower	Upper
276	100		
138	39.8	21.2	31.8#
227	0.0	0.1	0.1#



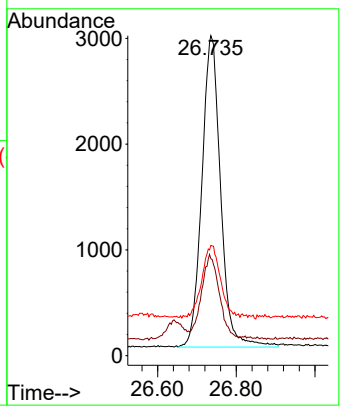


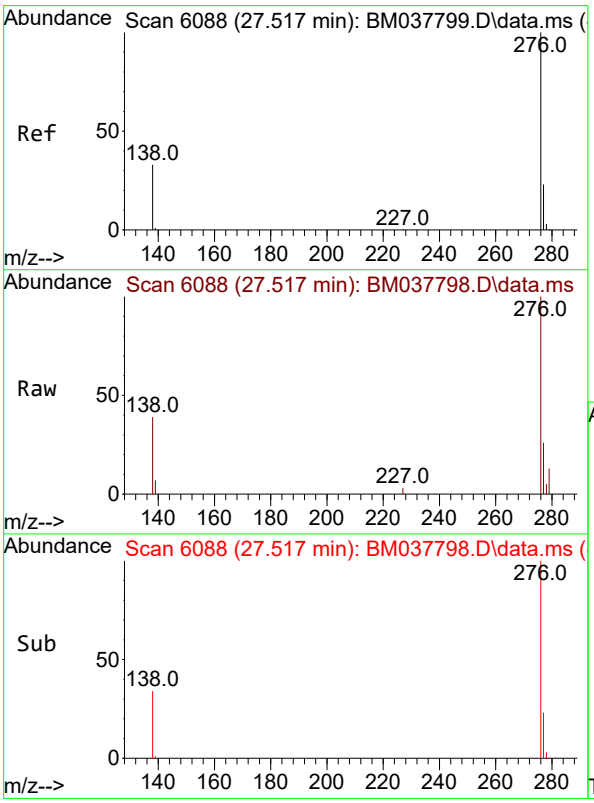
#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 26.735 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 9724

Ion	Ratio	Lower	Upper
278	100		
139	30.3	15.2	22.8#
279	34.4	20.2	30.2#





#29
Benzo(g,h,i)perylene
Concen: 0.204 ng/ul
RT: 27.517 min Scan# 6088
Delta R.T. -0.000 min
Lab File: BM037798.D
Acq: 30 Nov 2022 10:50

Tgt Ion:276 Resp: 10456

Ion	Ratio	Lower	Upper
276	100		
138	38.8	19.0	28.4#
277	26.1	19.4	29.2