Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037801.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : SSTD1.695
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: Nov 30 23:30:11 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

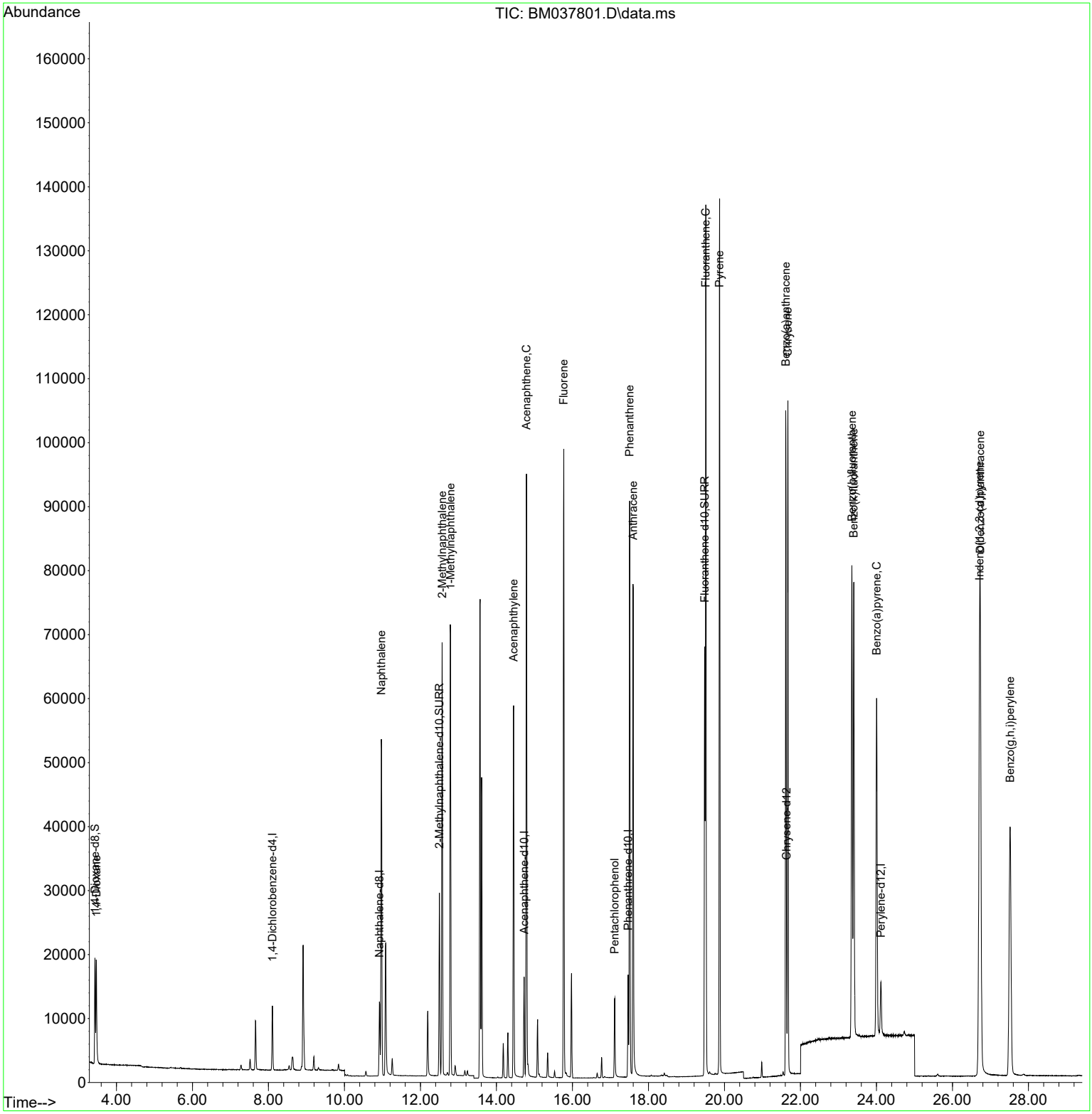
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	4785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	15029	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.730	164	8254	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.463	188	16636	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.632	240	12053	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	11671	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	9612	1.508	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	33722	1.555	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	62614	1.527	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	10313	1.549	ng/ul#	55
5) Naphthalene	10.971	128	70121	1.492	ng/ul	98
7) 2-Methylnaphthalene	12.571	142	44899	1.570	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	46014	1.569	ng/ul	99
10) Acenaphthylene	14.452	152	64417	1.557	ng/ul	99
11) Acenaphthene	14.790	153	52678	1.533	ng/ul	99
12) Fluorene	15.771	166	58467	1.537	ng/ul	99
14) Pentachlorophenol	17.113	266	8322	1.522	ng/ul	99
15) Phenanthrene	17.505	178	92386	1.532	ng/ul	100
16) Anthracene	17.594	178	84874	1.582	ng/ul	98
19) Fluoranthene	19.510	202	101429	1.517	ng/ul#	86
20) Pyrene	19.872	202	104275	1.488	ng/ul#	87
21) Benzo(a)anthracene	21.614	228	87440	1.495	ng/ul	99
22) Chrysene	21.670	228	87617	1.486	ng/ul	100
24) Benzo(b)fluoranthene	23.353	252	92231	1.508	ng/ul	94
25) Benzo(k)fluoranthene	23.403	252	90882	1.543	ng/ul#	94
26) Benzo(a)pyrene	24.005	252	78985	1.513	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.712	276	102151	1.497	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.732	278	80333	1.503	ng/ul#	91
29) Benzo(g,h,i)perylene	27.517	276	85621	1.496	ng/ul#	88

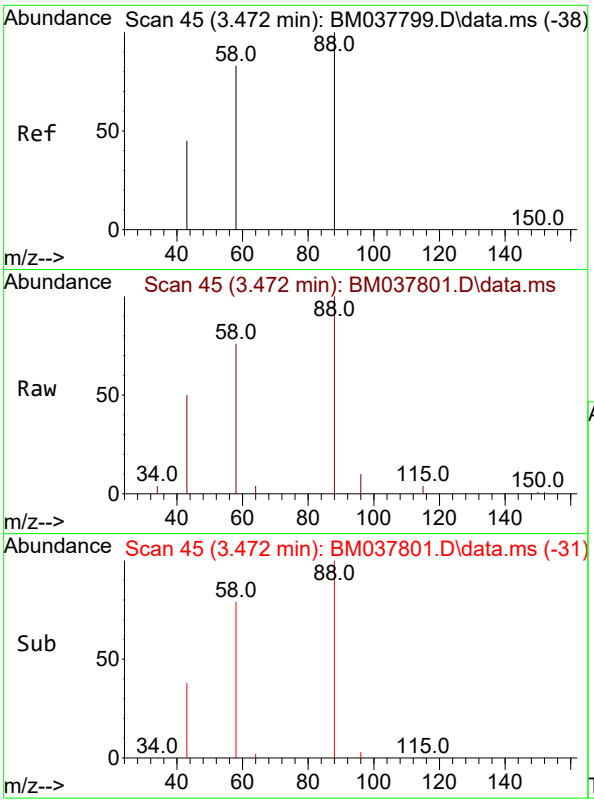
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037801.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : SSTD1.695
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: Nov 30 23:30:11 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



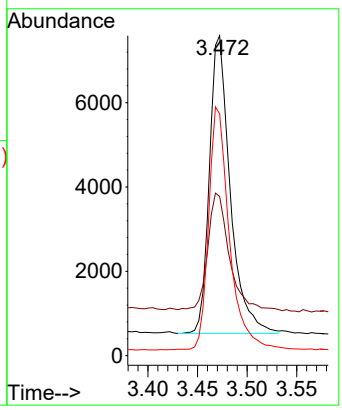


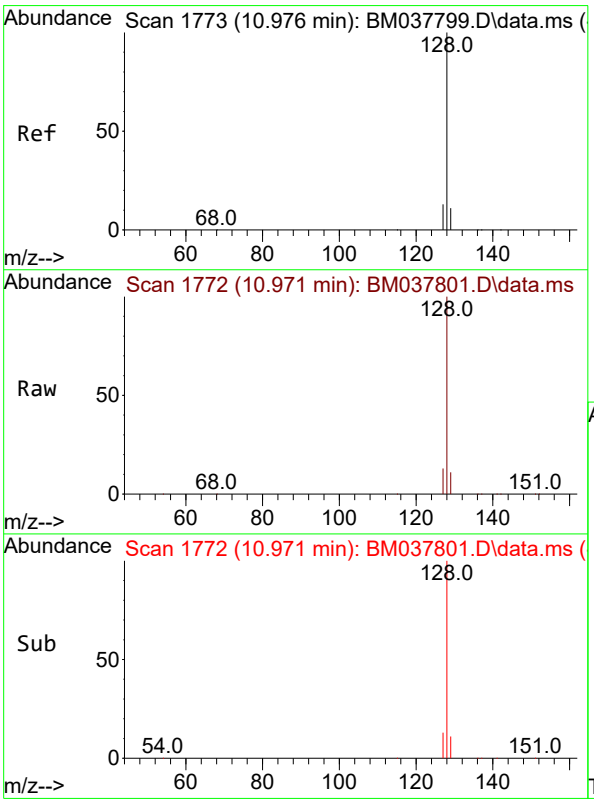
#2
1,4-Dioxane
Concen: 1.549 ng/ul
RT: 3.472 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 10313

Ion	Ratio	Lower	Upper
88	100		
43	49.8	102.8	154.2#
58	75.6	67.3	100.9

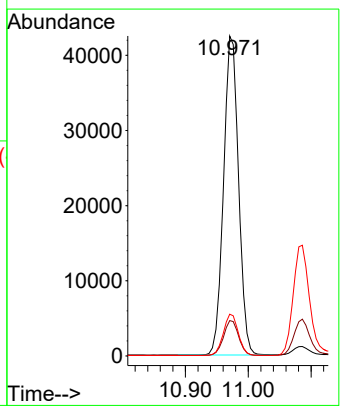


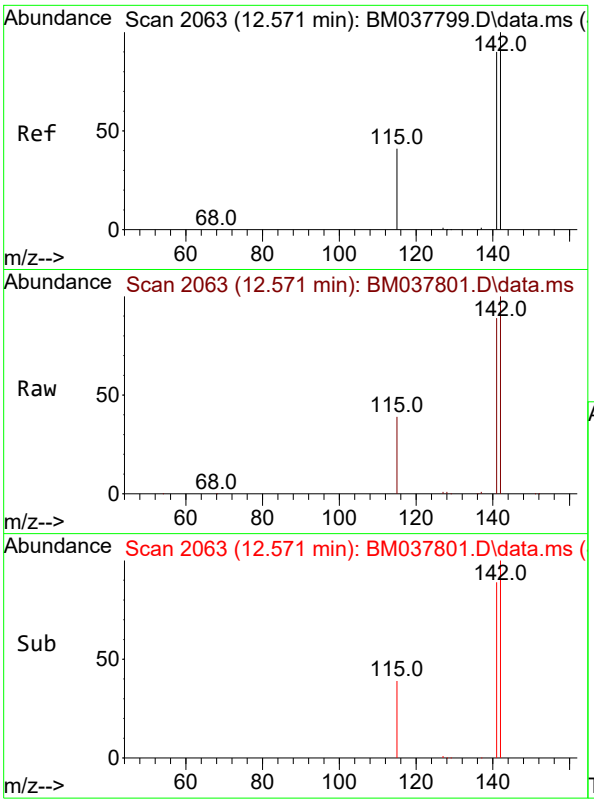


#5
Naphthalene
Concen: 1.492 ng/ul
RT: 10.971 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:128 Resp: 70121

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.0	11.0	16.4



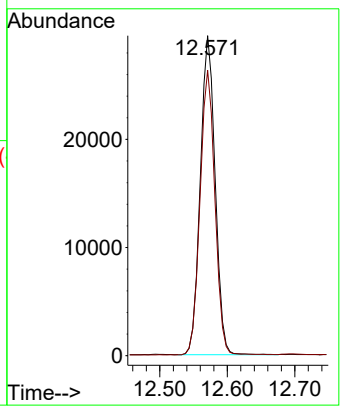


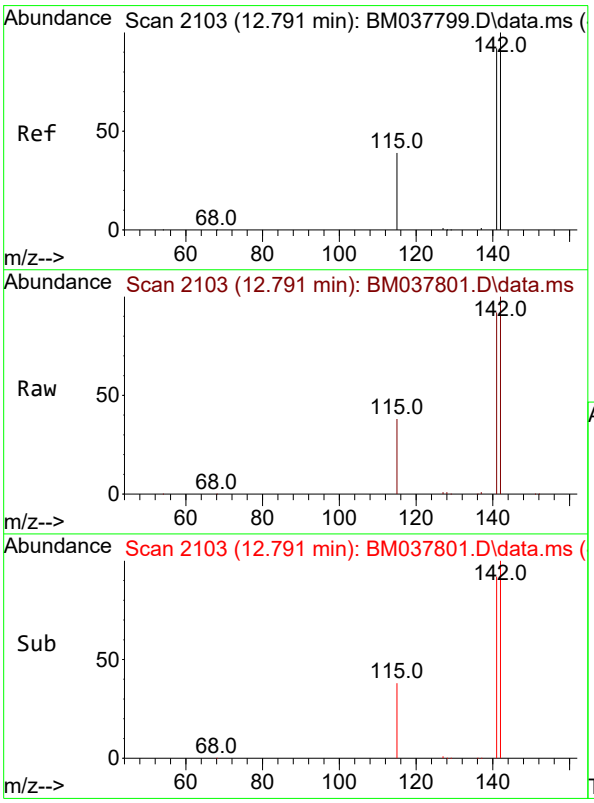
#7
2-Methylnaphthalene
Concen: 1.570 ng/ul
RT: 12.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 44899

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.4

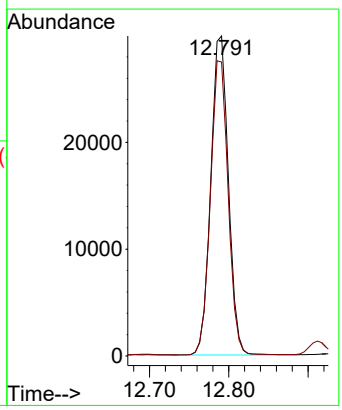


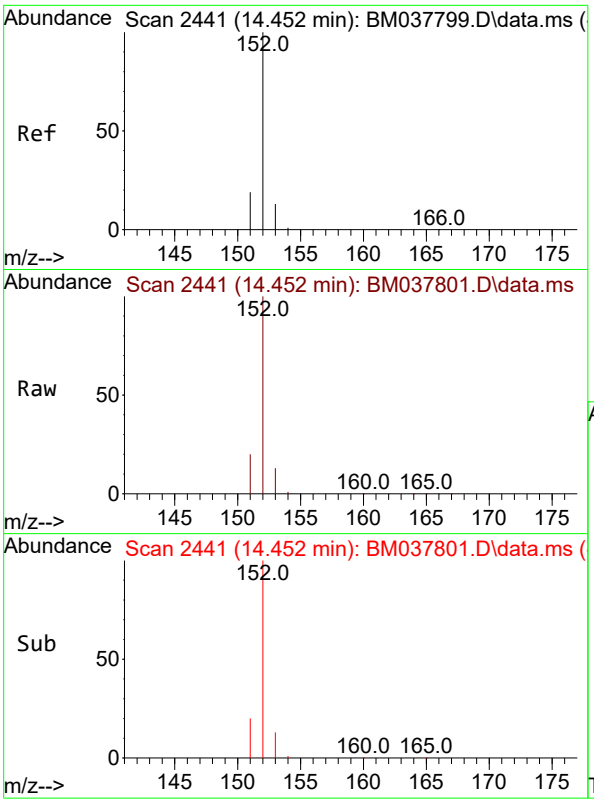


#8
1-Methylnaphthalene
Concen: 1.569 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:142 Resp: 46014

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.0



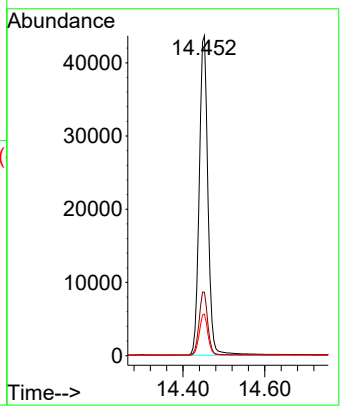


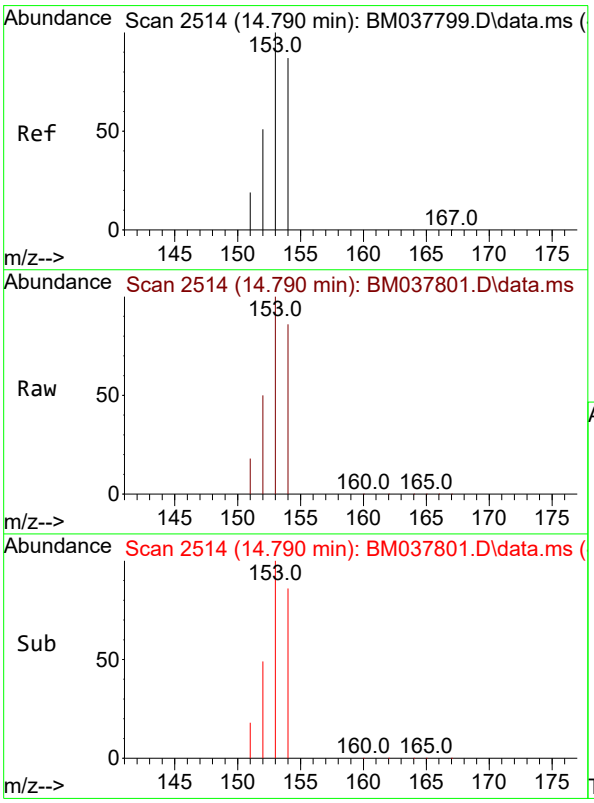
#10
Acenaphthylene
Concen: 1.557 ng/ul
RT: 14.452 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 64417

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.0	11.0	16.4

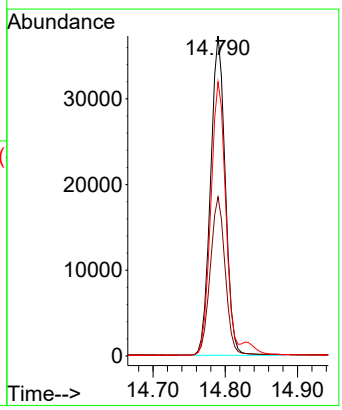


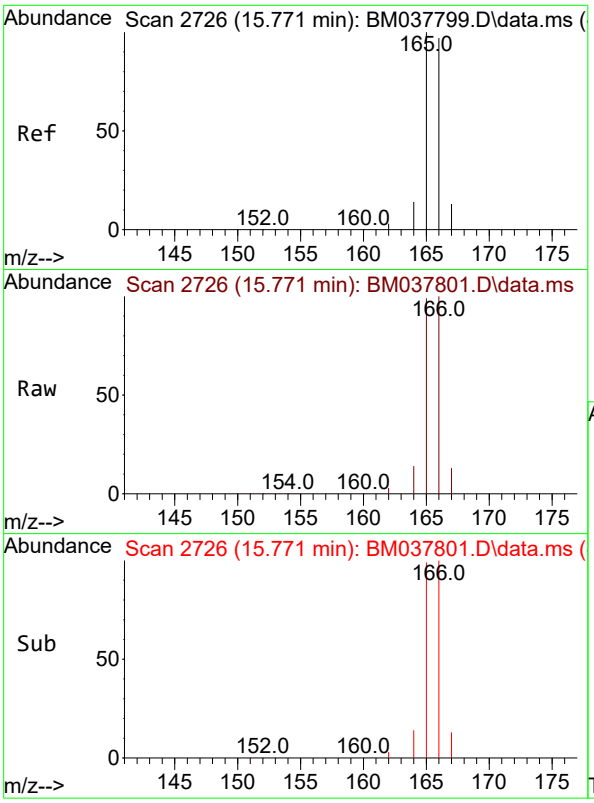


#11
Acenaphthene
Concen: 1.533 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:153 Resp: 52678

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.4	59.0
154	85.6	69.5	104.3



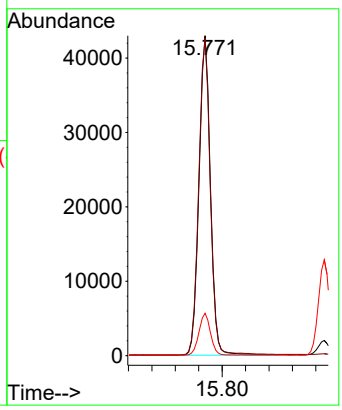


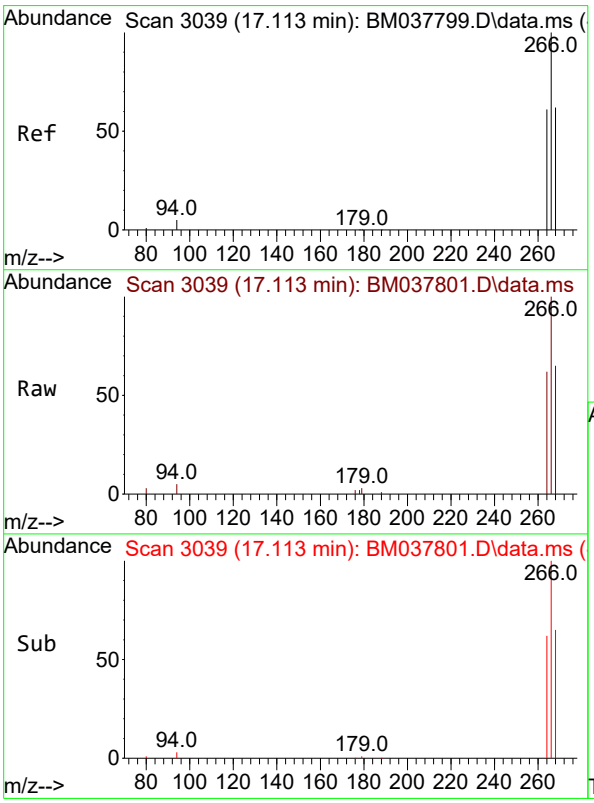
#12
Fluorene
Concen: 1.537 ng/ul
RT: 15.771 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 58467

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.7	118.1
167	13.2	11.3	16.9

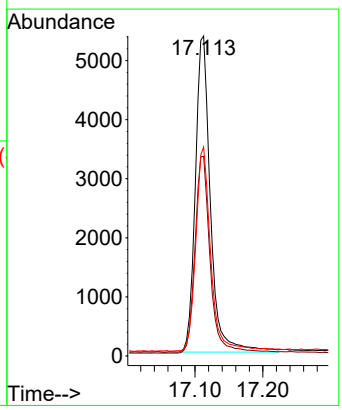


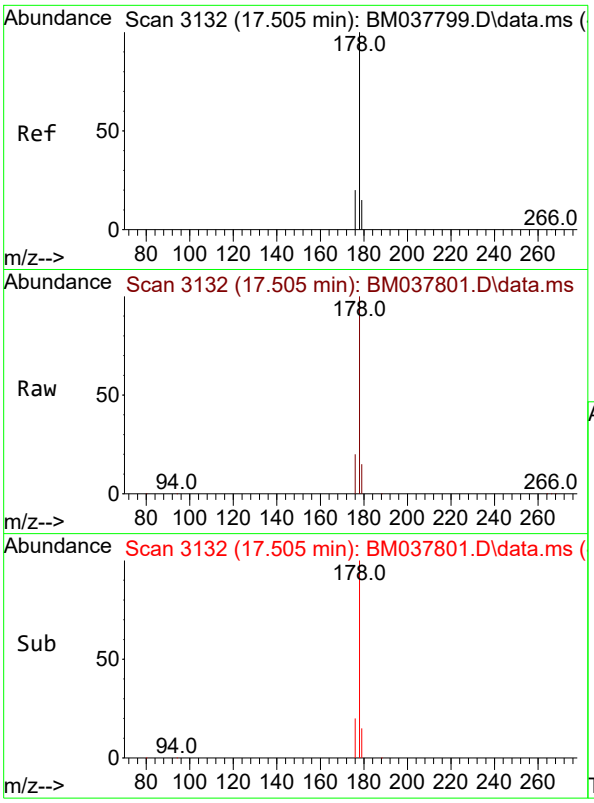


#14
Pentachlorophenol
Concen: 1.522 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:266 Resp: 8322

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.2
268	63.8	52.0	78.0



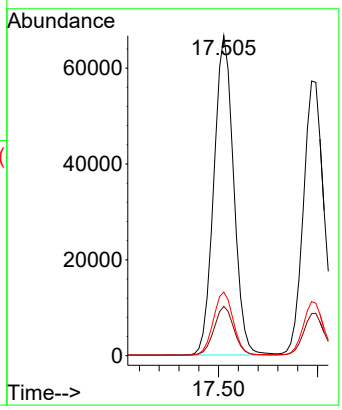


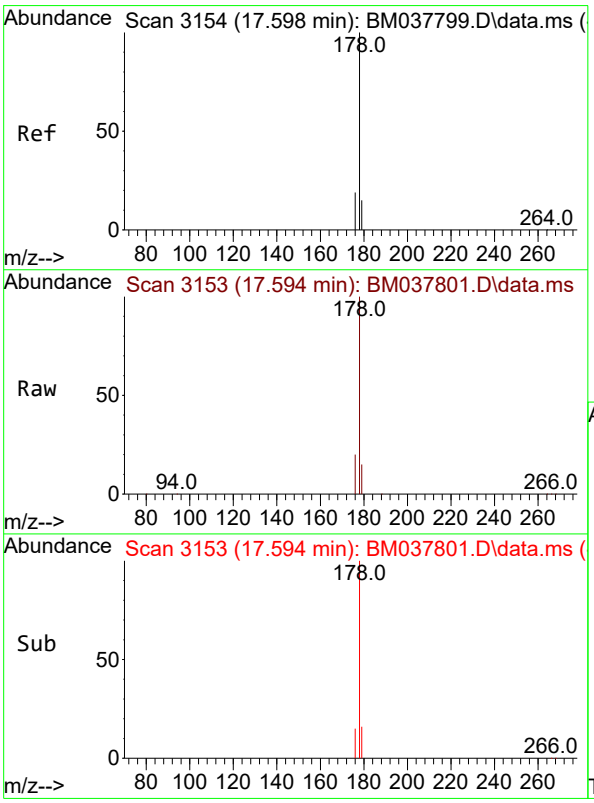
#15
Phenanthrene
Concen: 1.532 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 92386

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.9	16.0	24.0

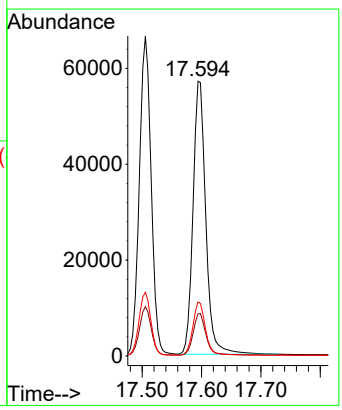


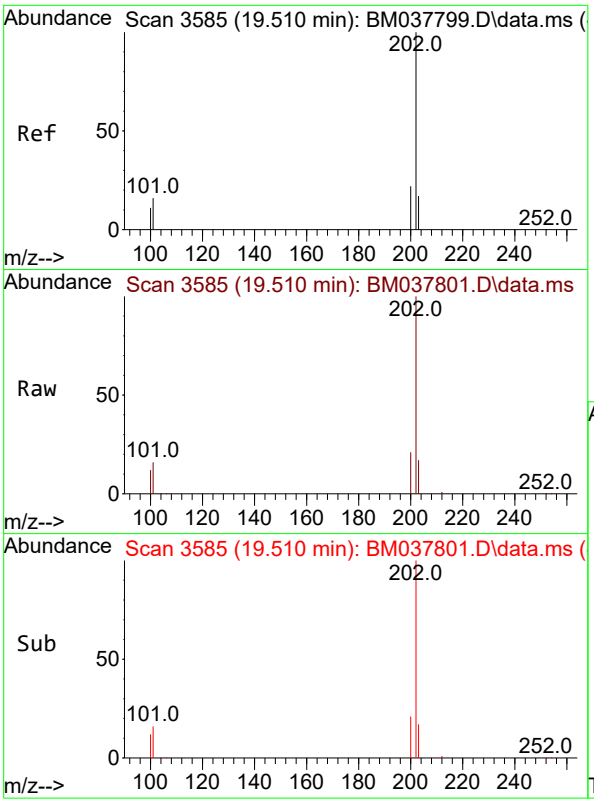


#16
Anthracene
Concen: 1.582 ng/ul
RT: 17.594 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:178 Resp: 84874

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.7	15.0	22.6



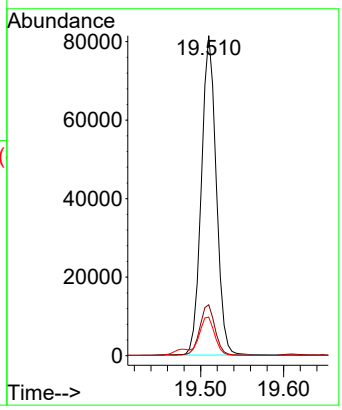


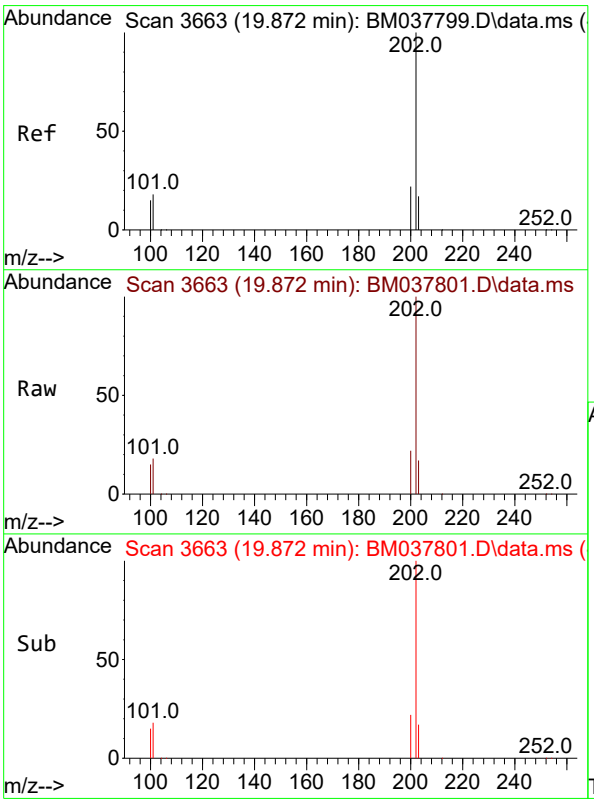
#19
Fluoranthene
Concen: 1.517 ng/ul
RT: 19.510 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 101429

Ion	Ratio	Lower	Upper
202	100		
101	15.9	8.2	12.2#
100	12.0	6.1	9.1#

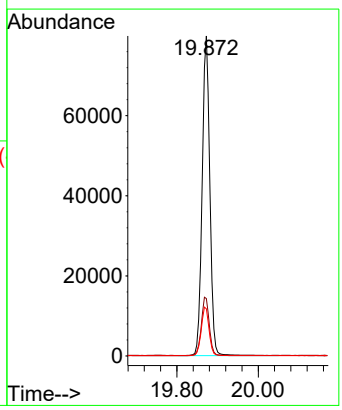


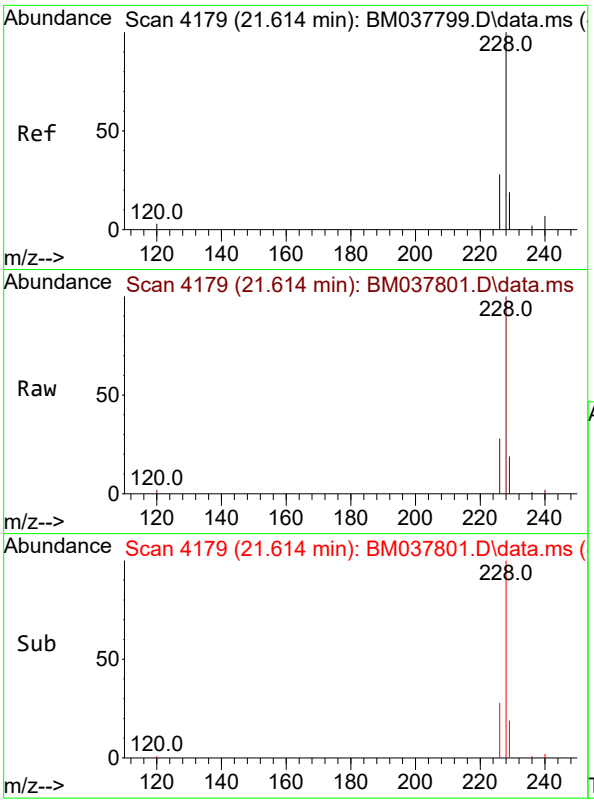


#20
Pyrene
Concen: 1.488 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:202 Resp: 104275

Ion	Ratio	Lower	Upper
202	100		
101	18.0	10.1	15.1#
100	14.7	8.0	12.0#



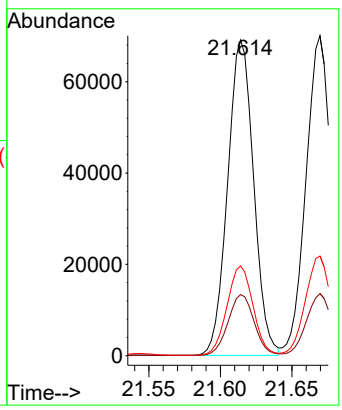


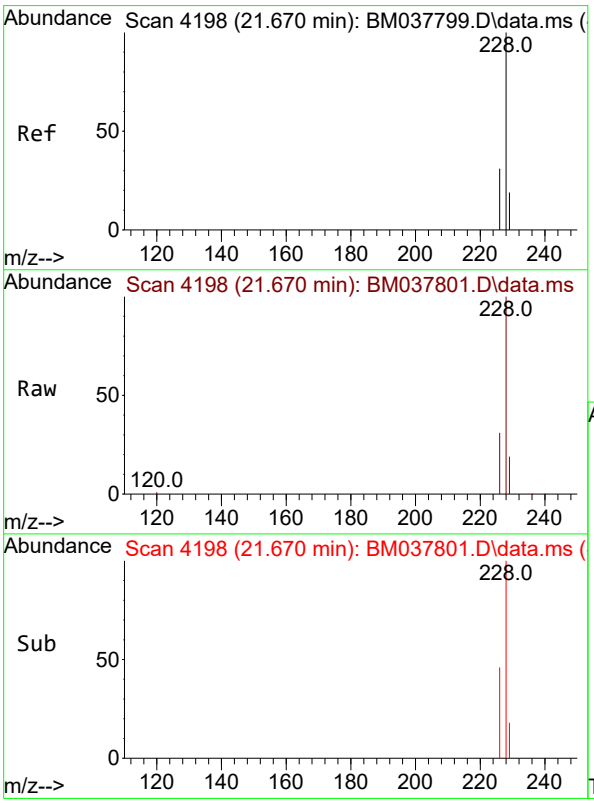
#21
Benzo(a)anthracene
Concen: 1.495 ng/ul
RT: 21.614 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:228 Resp: 87440

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	28.4	22.2	33.2

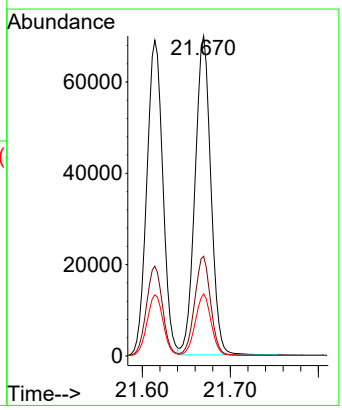


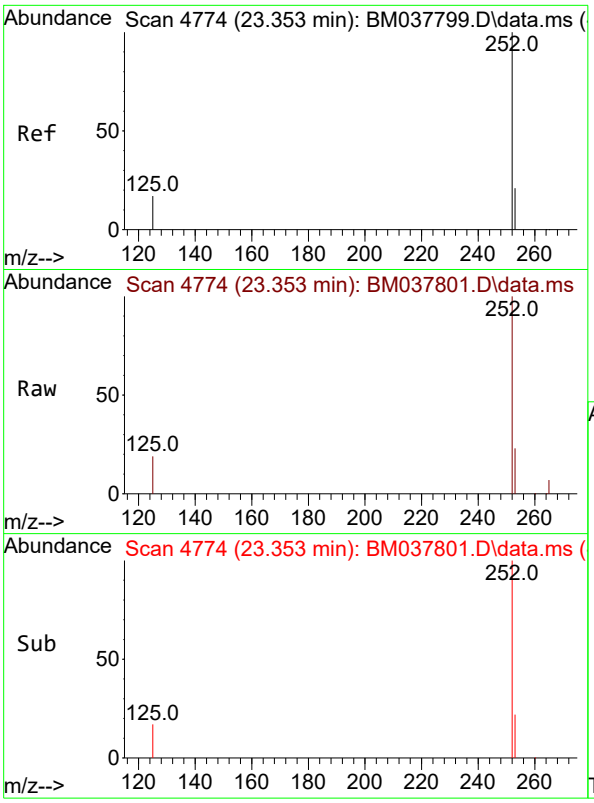


#22
Chrysene
Concen: 1.486 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:228 Resp: 87617

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	19.4	15.5	23.3



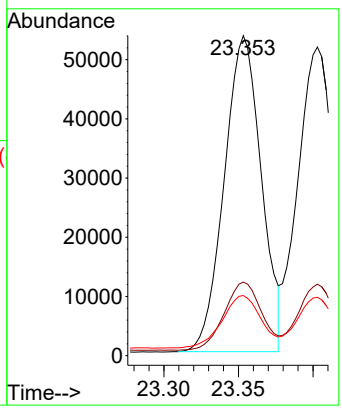


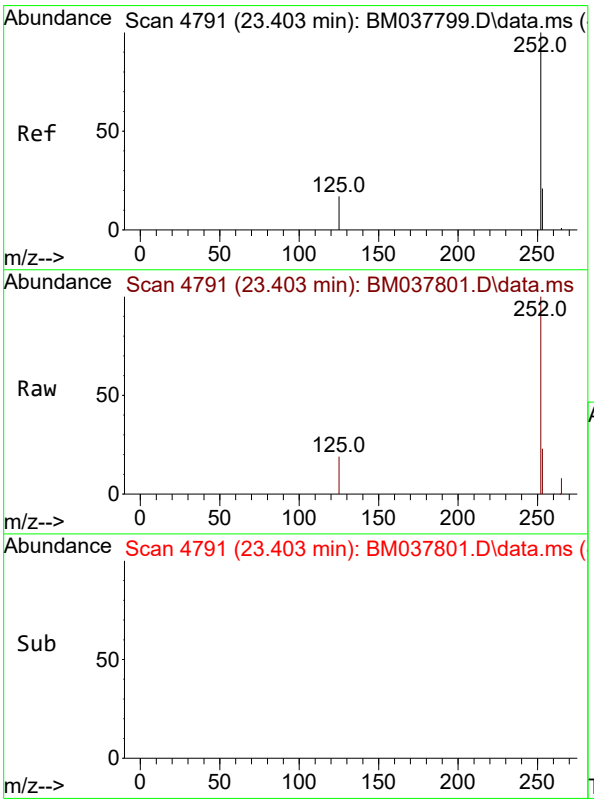
#24
Benzo(b)fluoranthene
Concen: 1.508 ng/ul
RT: 23.353 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 92231

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	46.2
125	18.8	0.0	23.4

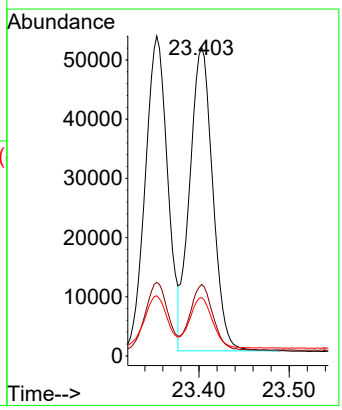


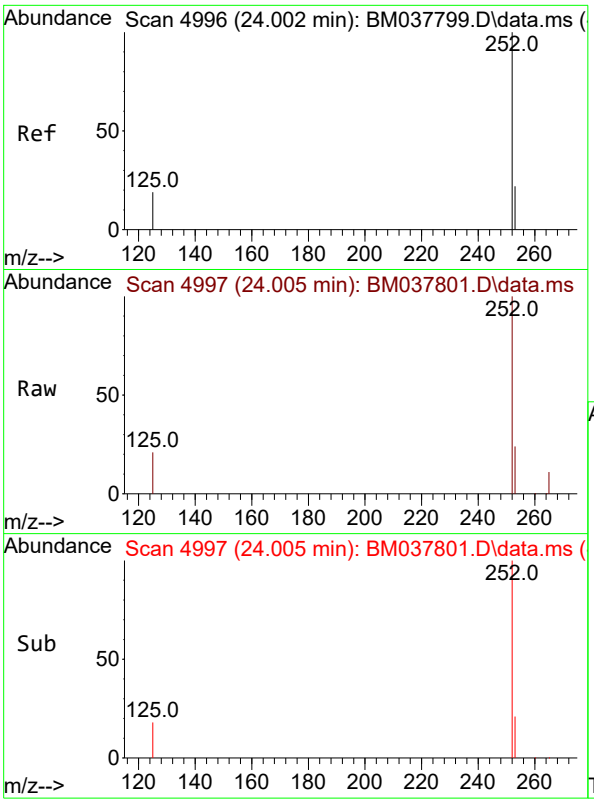


#25
Benzo(k)fluoranthene
Concen: 1.543 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:252 Resp: 90882

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	18.9	9.8	14.6#



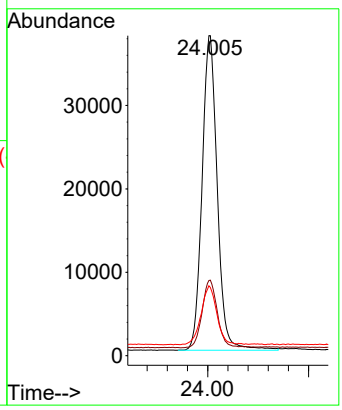


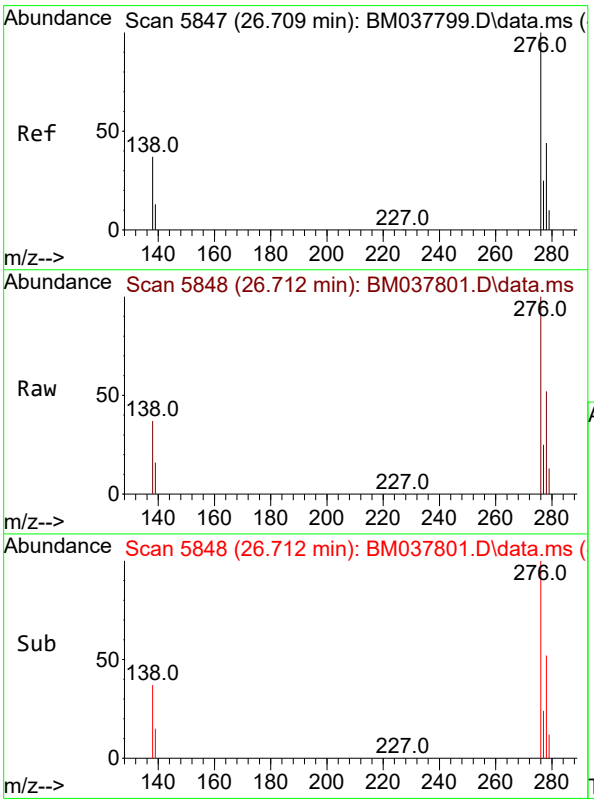
#26
Benzo(a)pyrene
Concen: 1.513 ng/ul
RT: 24.005 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 78985

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	21.3	10.5	15.7#

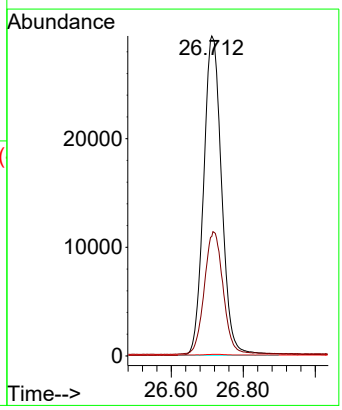


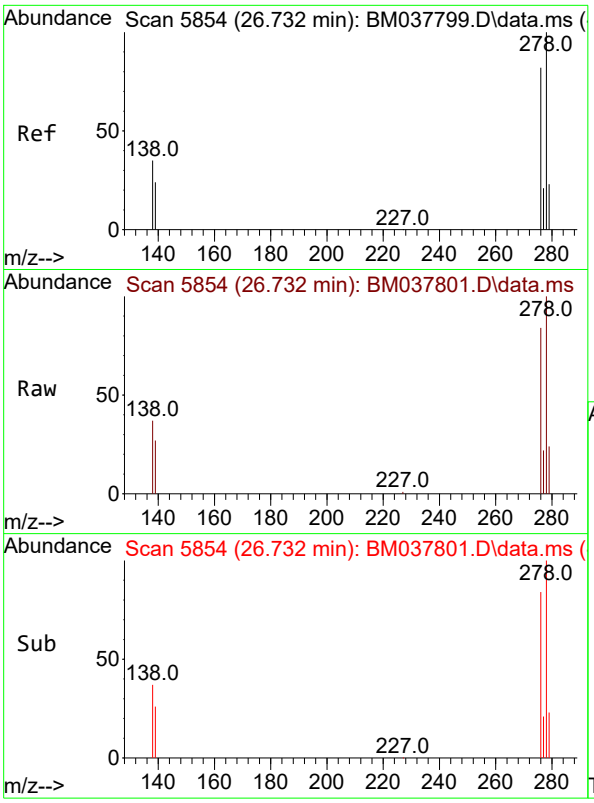


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.497 ng/ul
RT: 26.712 min Scan# 5848
Delta R.T. 0.003 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:276 Resp: 102151

Ion	Ratio	Lower	Upper
276	100		
138	40.4	21.2	31.8#
227	0.2	0.1	0.1#



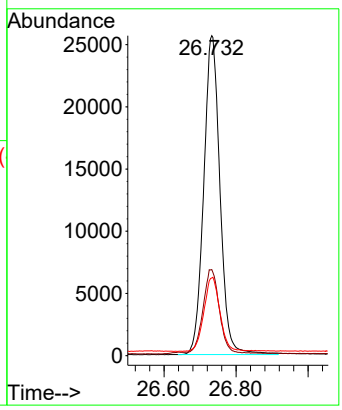


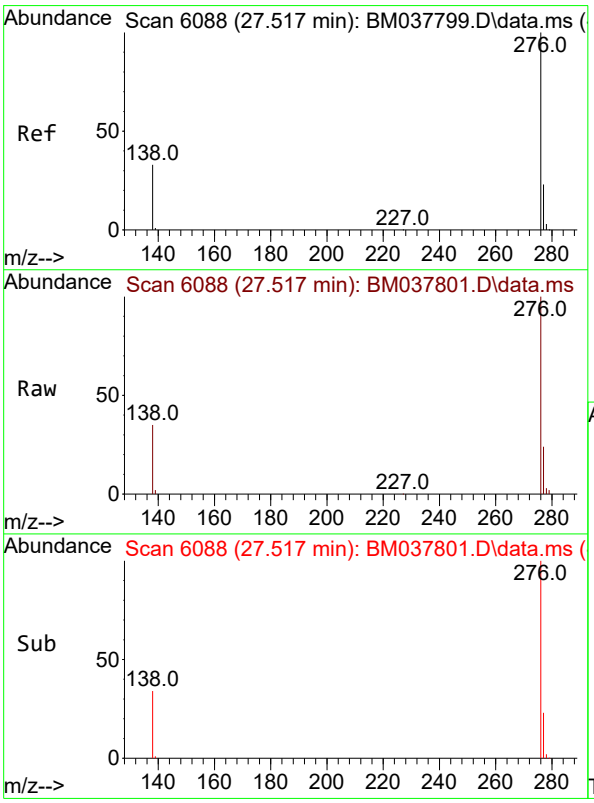
#28
Dibenzo(a,h)anthracene
Concen: 1.503 ng/ul
RT: 26.732 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 80333

Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.2	22.8#
279	24.3	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 1.496 ng/ul
RT: 27.517 min Scan# 6088
Delta R.T. 0.000 min
Lab File: BM037801.D
Acq: 30 Nov 2022 12:41

Tgt Ion:276 Resp: 85621

Ion	Ratio	Lower	Upper
276	100		
138	35.0	19.0	28.4#
277	23.8	19.4	29.2