Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037799.D
Acq On : 30 Nov 2022 11:27
Operator : CG/JU
Sample : SSTD0.493
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Quant Time: Nov 30 23:29:51 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	4332	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	13134	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.730	164	6883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.467	188	14156	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.632	240	10203	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	10257	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	2288	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	7603	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	13676	0.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	2382	0.395	ng/ul#	77
5) Naphthalene	10.976	128	16390	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.571	142	9979	0.399	ng/ul	98
8) 1-Methylnaphthalene	12.791	142	10310	0.402	ng/ul	99
10) Acenaphthylene	14.452	152	13777	0.399	ng/ul	99
11) Acenaphthene	14.790	153	11480	0.401	ng/ul	99
12) Fluorene	15.771	166	12598	0.397	ng/ul	95
14) Pentachlorophenol	17.113	266	1780	0.383	ng/ul	99
15) Phenanthrene	17.505	178	20219	0.394	ng/ul	98
16) Anthracene	17.598	178	18089	0.396	ng/ul	99
19) Fluoranthene	19.510	202	22204	0.392	ng/ul#	84
20) Pyrene	19.872	202	23367	0.394	ng/ul#	85
21) Benzo(a)anthracene	21.614	228	19484	0.394	ng/ul	99
22) Chrysene	21.670	228	19763	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.353	252	21130	0.393	ng/ul#	81
25) Benzo(k)fluoranthene	23.403	252	20568	0.397	ng/ul#	81
26) Benzo(a)pyrene	24.002	252	18086	0.394	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.709	276	24104	0.402	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.732	278	18805	0.400	ng/ul#	86
29) Benzo(g,h,i)perylene	27.517	276	20377	0.405	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037799.D
Acq On : 30 Nov 2022 11:27
Operator : CG/JU
Sample : SSTD0.493
Misc :
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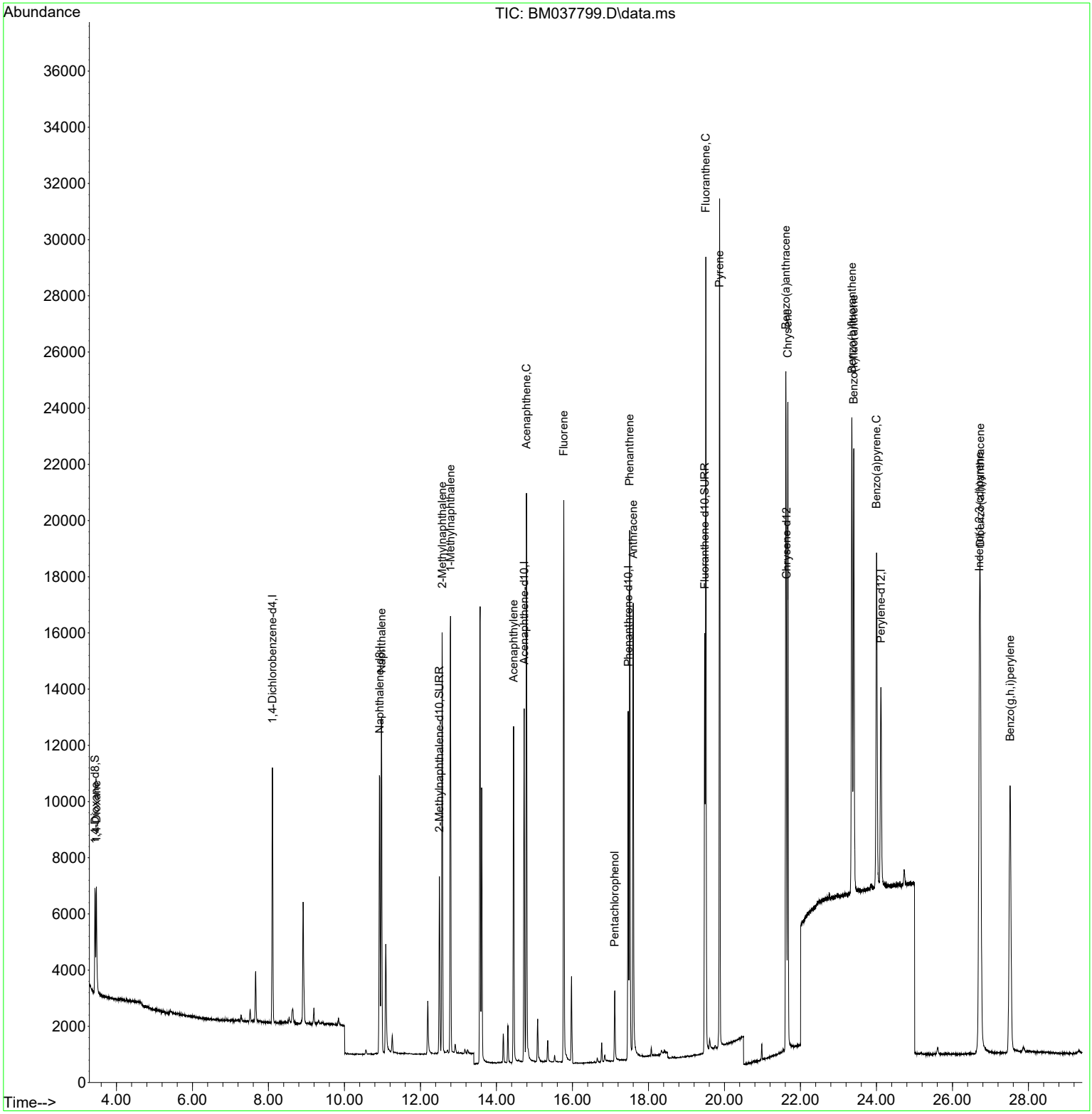
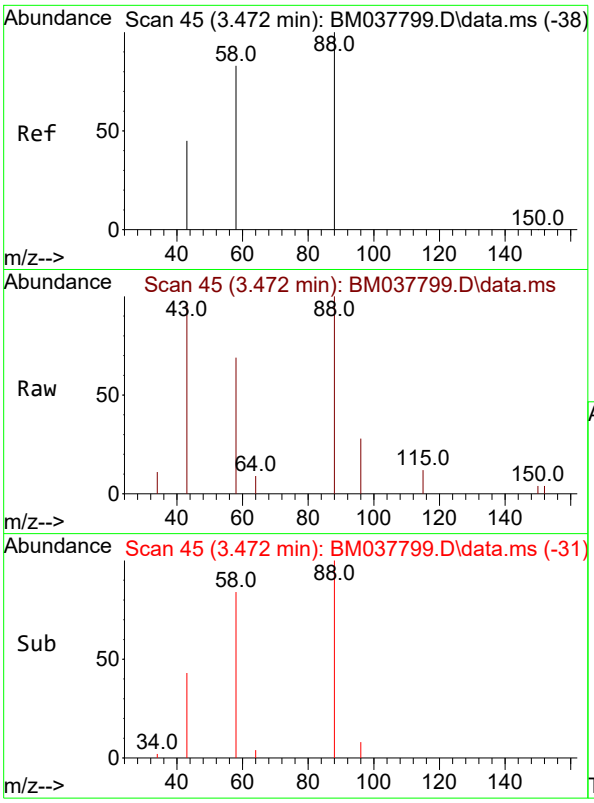
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Quant Time: Nov 30 23:29:51 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



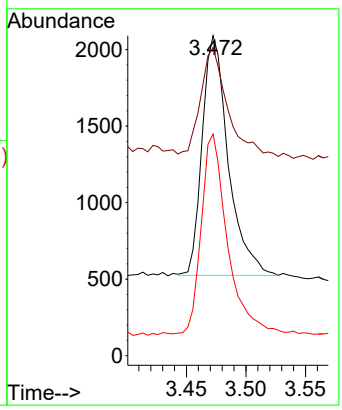


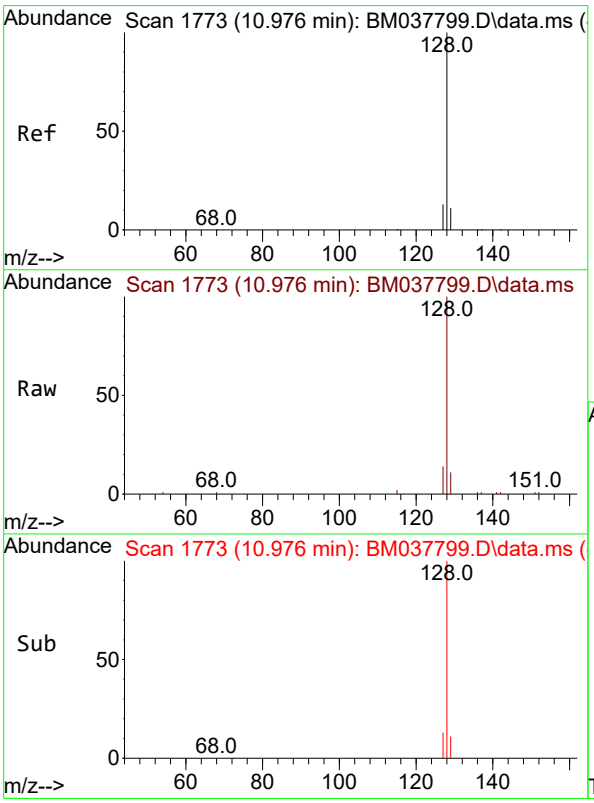
#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.472 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion: 88 Resp: 2382

Ion	Ratio	Lower	Upper
88	100		
43	96.3	102.8	154.2#
58	69.2	67.3	100.9

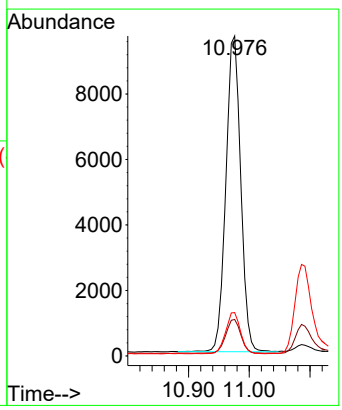


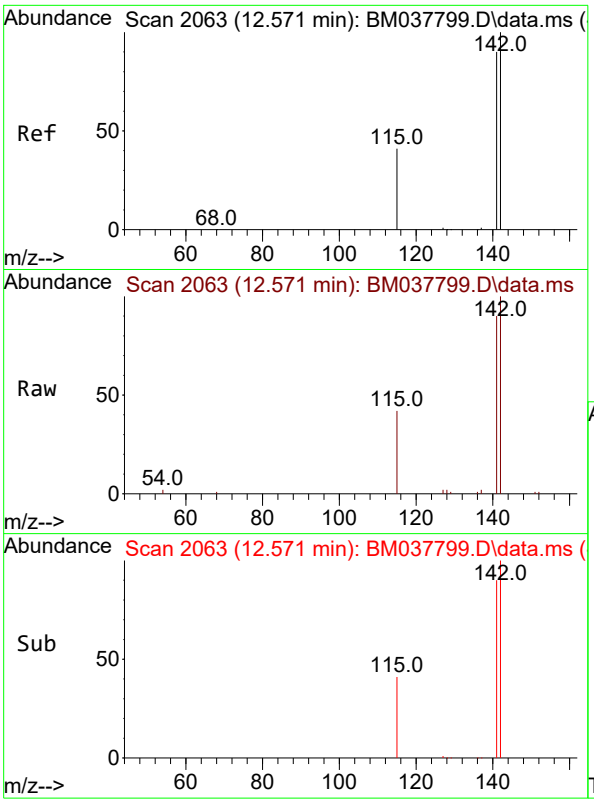


#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.976 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:128 Resp: 16390

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.6	11.0	16.4



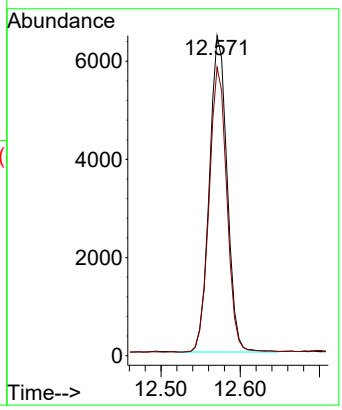


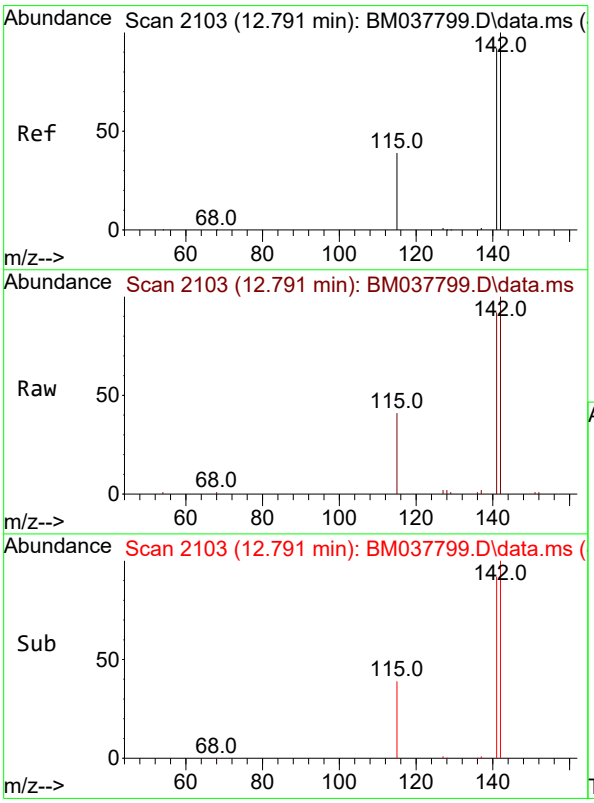
#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:142 Resp: 9979

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.4

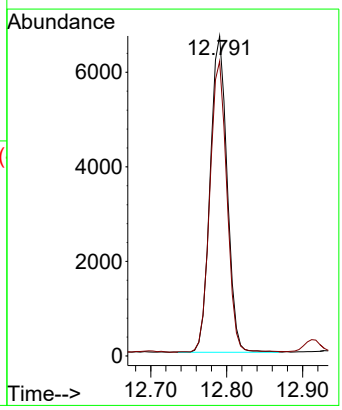


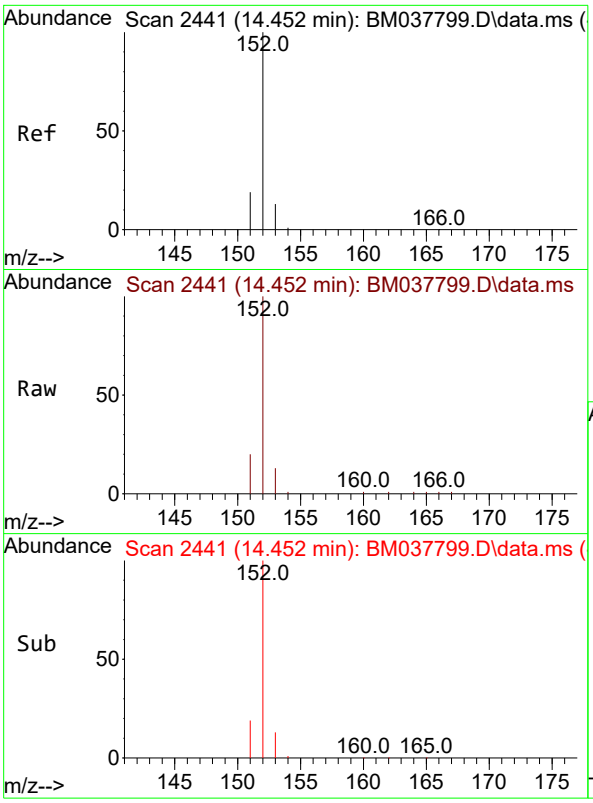


#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:142 Resp: 10310

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0



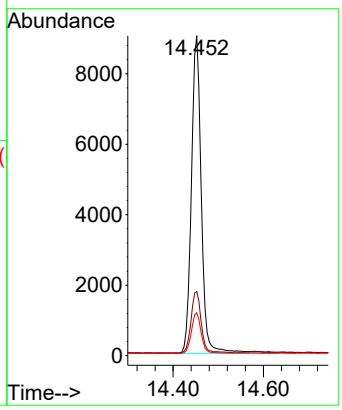


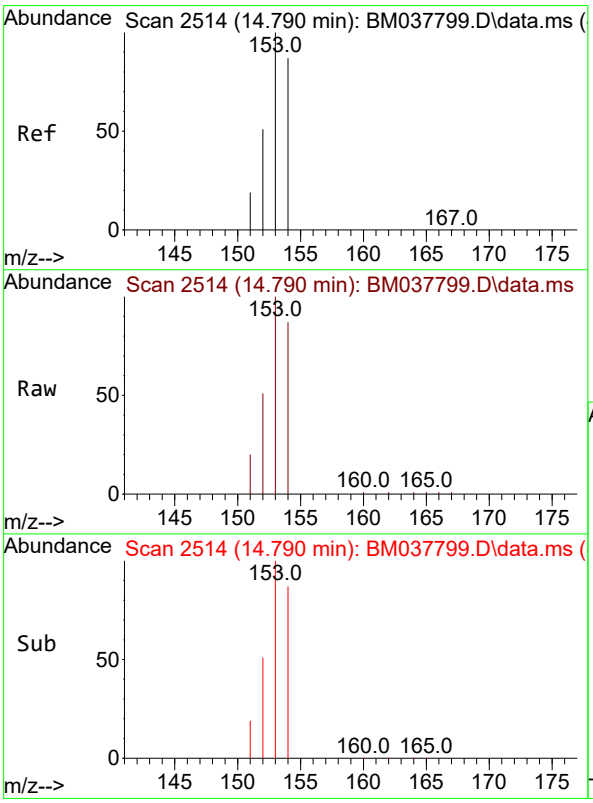
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.452 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:152 Resp: 13777

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	11.0	16.4

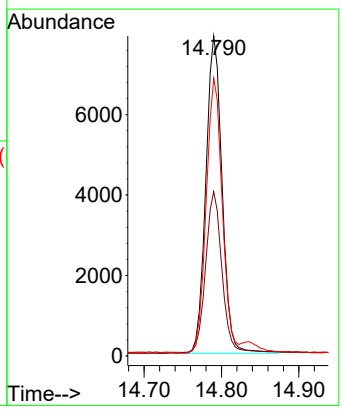


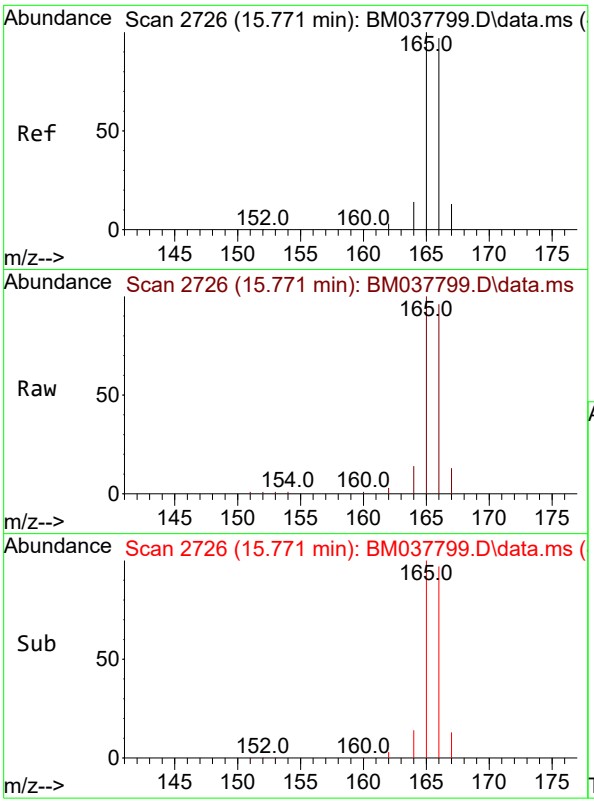


#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:153 Resp: 11480

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.4	59.0
154	86.7	69.5	104.3



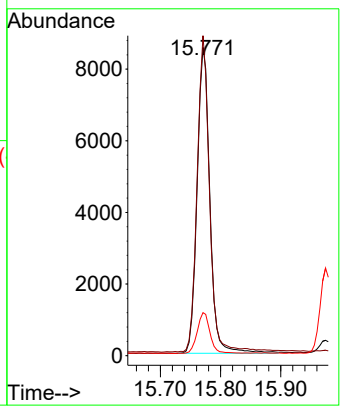


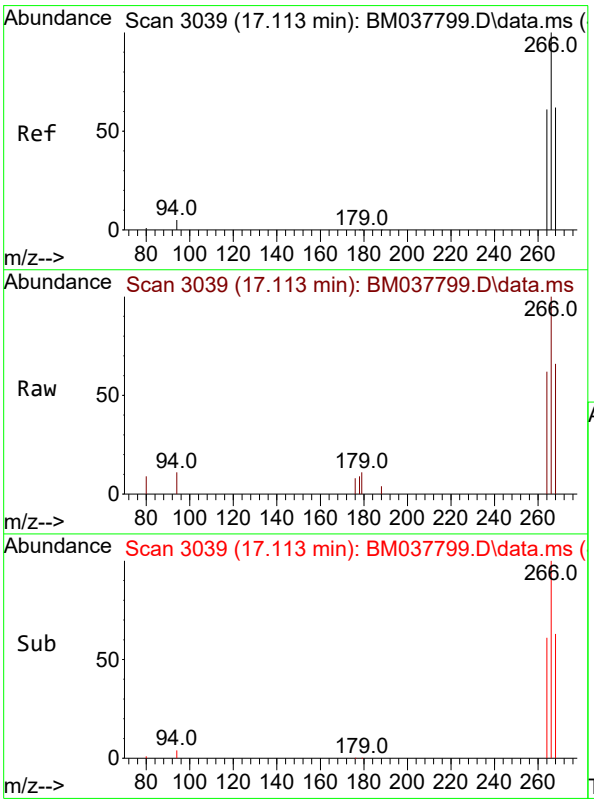
#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.771 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:166 Resp: 12598

Ion	Ratio	Lower	Upper
166	100		
165	103.8	78.7	118.1
167	14.0	11.3	16.9

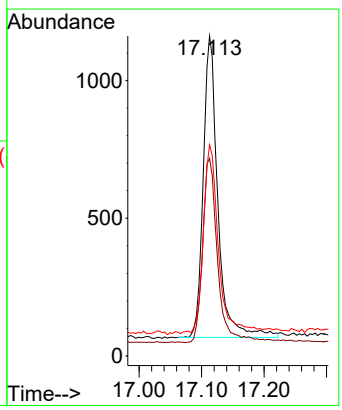


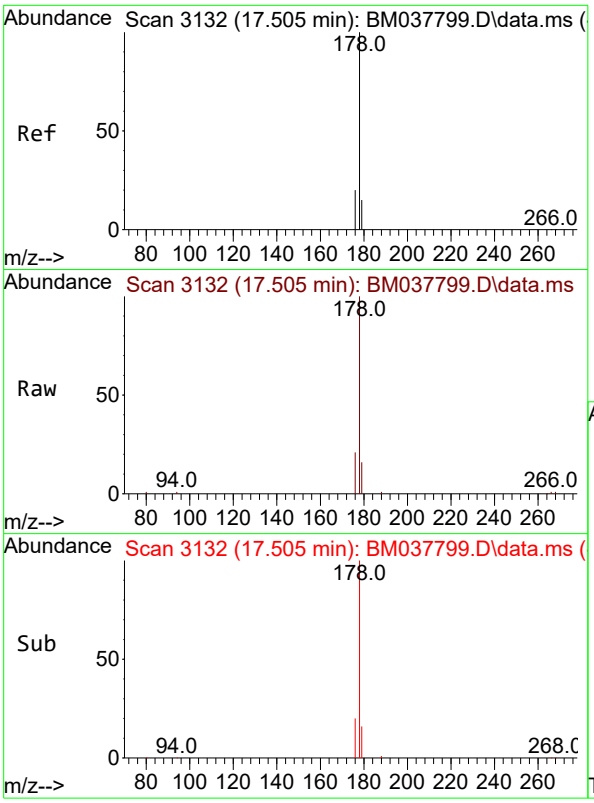


#14
Pentachlorophenol
Concen: 0.383 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:266 Resp: 1780

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	66.5	52.0	78.0



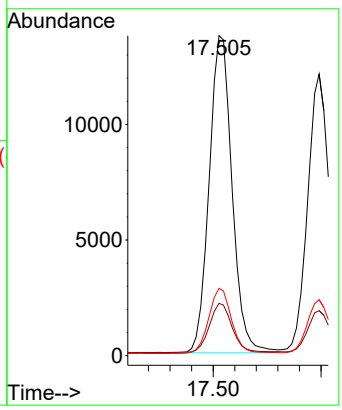


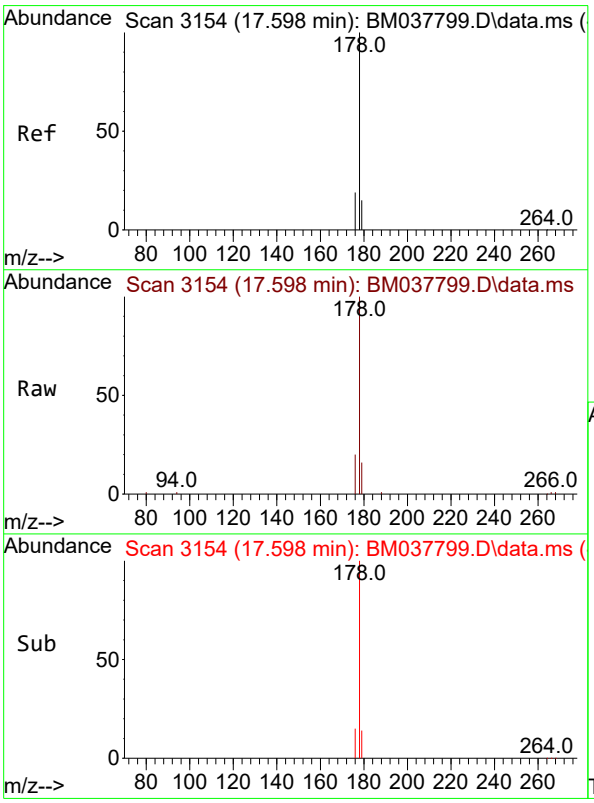
#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:178 Resp: 20219

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	21.0	16.0	24.0

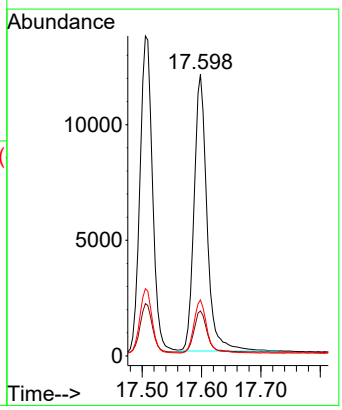


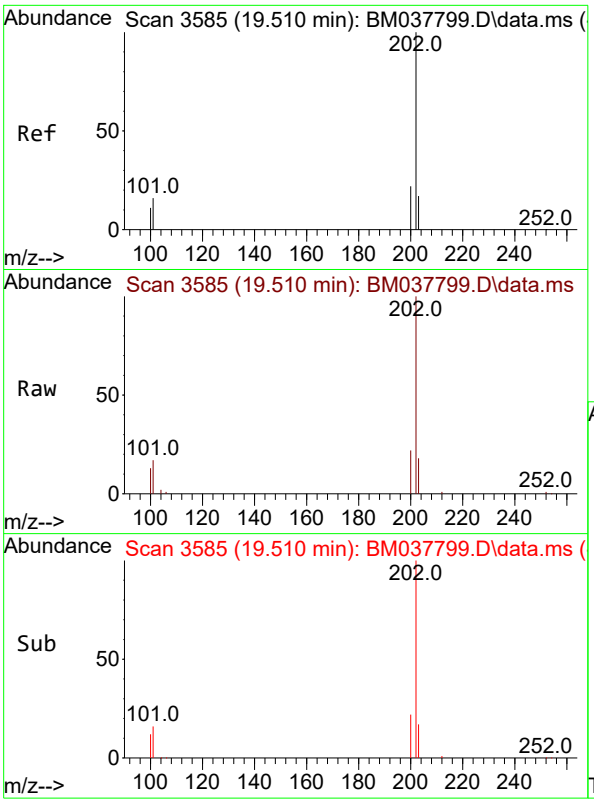


#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.598 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:178 Resp: 18089

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.9	15.0	22.6



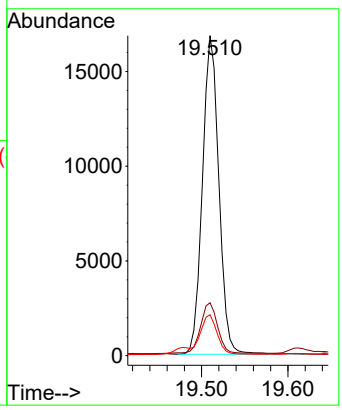


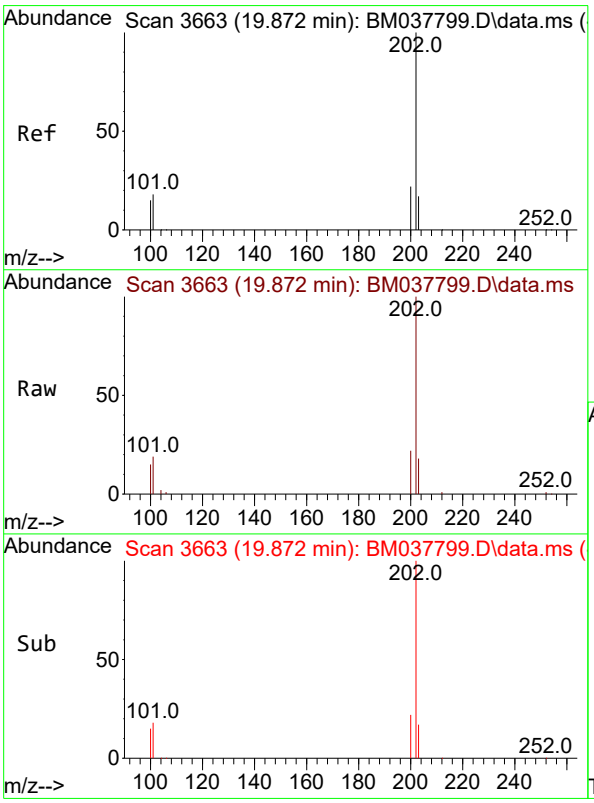
#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.510 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:202 Resp: 22204

Ion	Ratio	Lower	Upper
202	100		
101	16.6	8.2	12.2#
100	12.8	6.1	9.1#

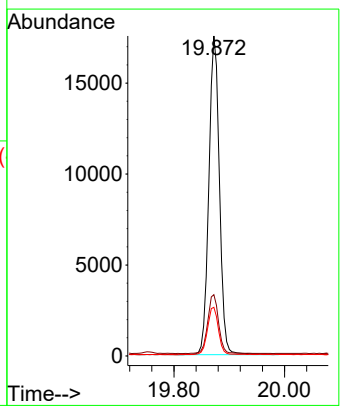


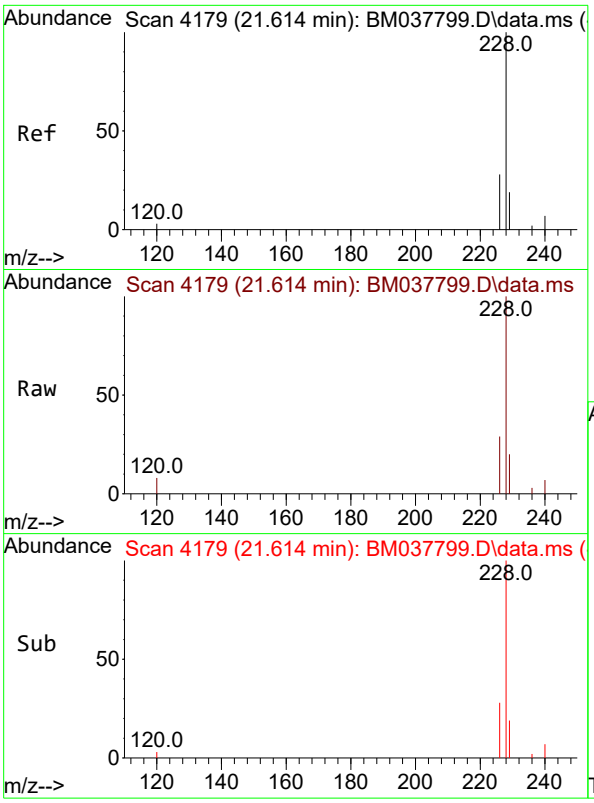


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:202 Resp: 23367

Ion	Ratio	Lower	Upper
202	100		
101	19.2	10.1	15.1#
100	15.2	8.0	12.0#



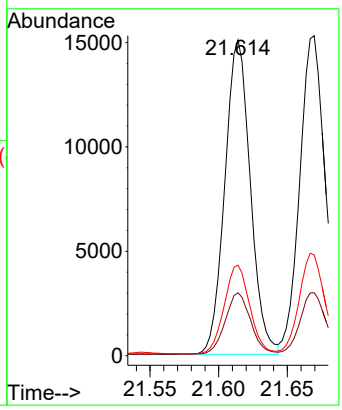


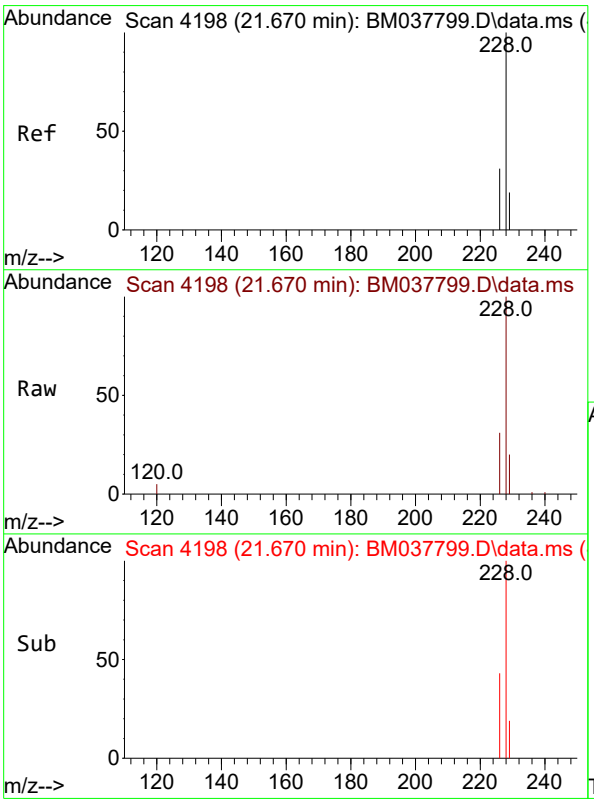
#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.614 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:228 Resp: 19484

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	28.7	22.2	33.2

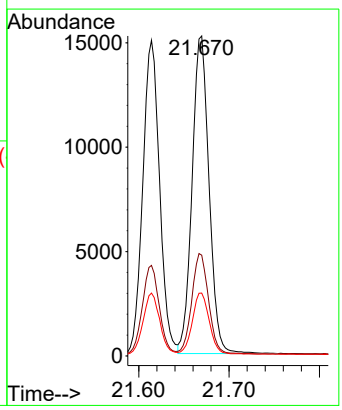


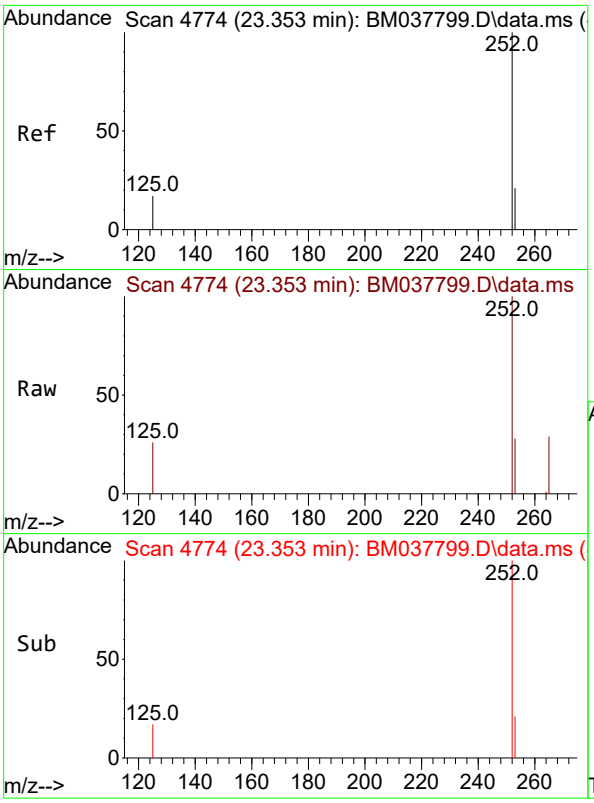


#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:228 Resp: 19763

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	19.6	15.5	23.3



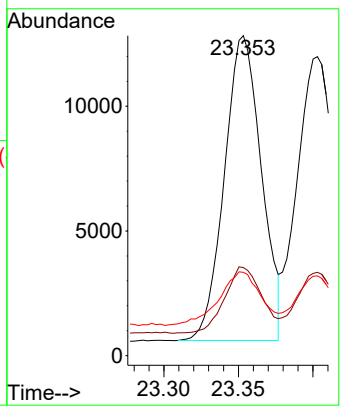


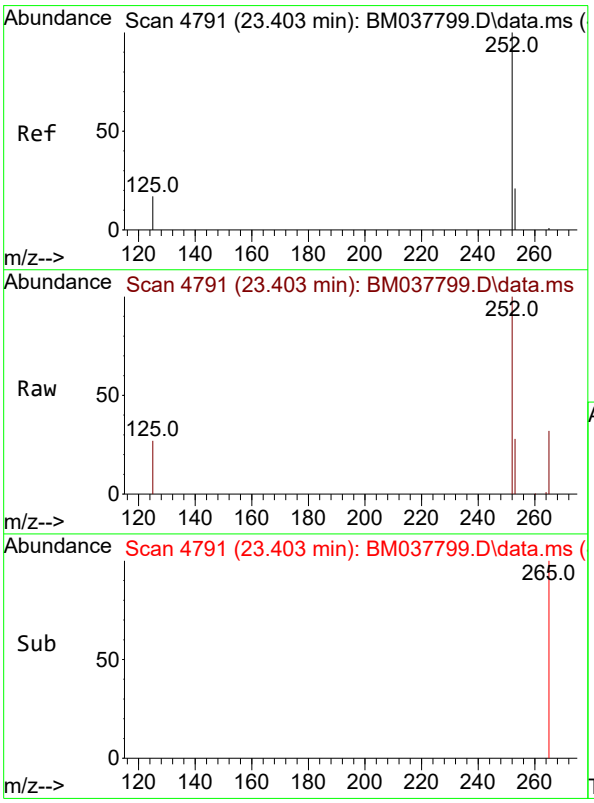
#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.353 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 21130

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	46.2
125	26.1	0.0	23.4#

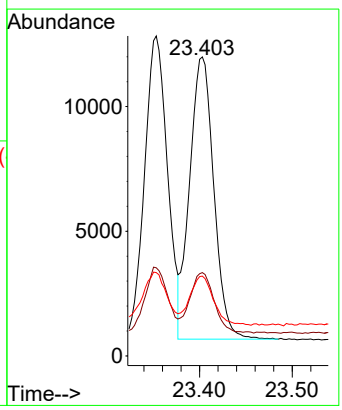


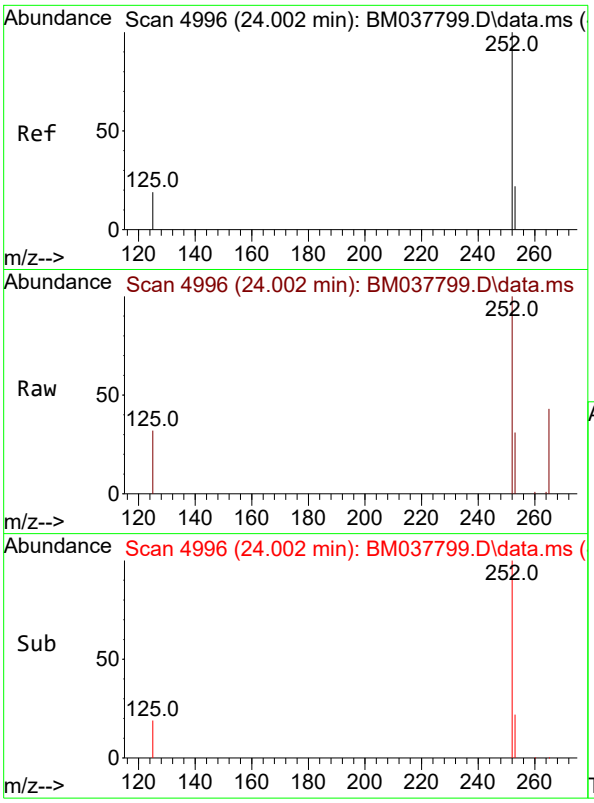


#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:252 Resp: 20568

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.8	28.2
125	26.7	9.8	14.6#



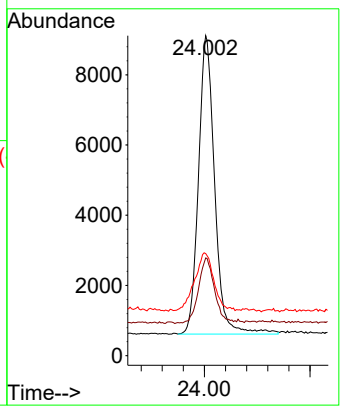


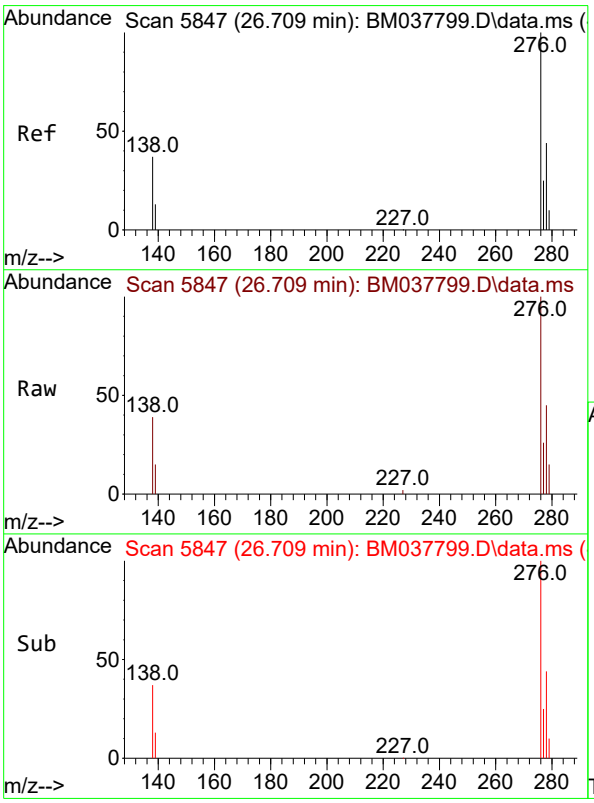
#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 24.002 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 18086

Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.8	28.2#
125	31.9	10.5	15.7#

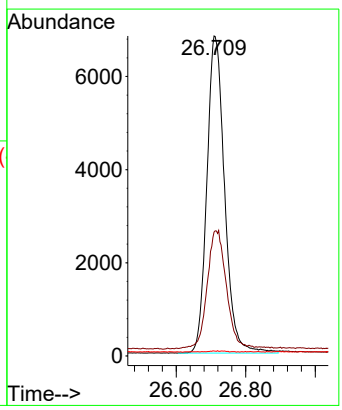


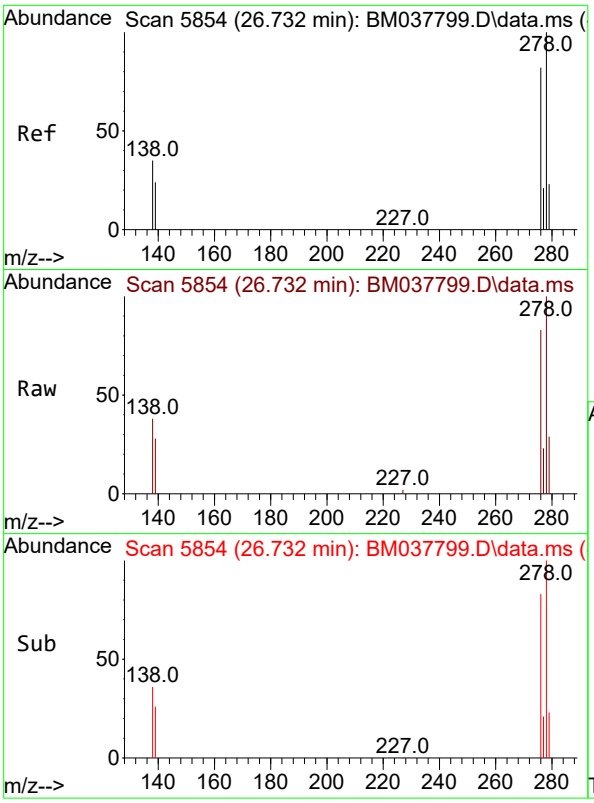


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.709 min Scan# 5847
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:276 Resp: 24104

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



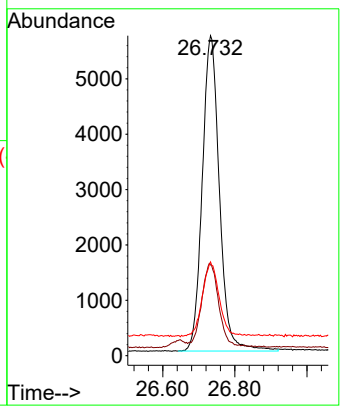


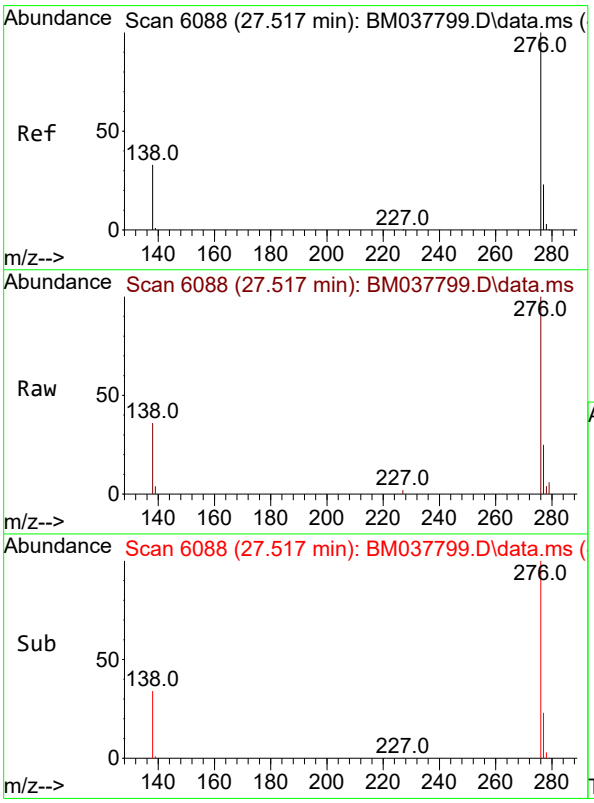
#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.732 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 18805

Ion	Ratio	Lower	Upper
278	100		
139	28.4	15.2	22.8#
279	29.3	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.517 min Scan# 6088
Delta R.T. 0.000 min
Lab File: BM037799.D
Acq: 30 Nov 2022 11:27

Tgt Ion:276 Resp: 20377

Ion	Ratio	Lower	Upper
276	100		
138	35.9	19.0	28.4#
277	24.8	19.4	29.2