Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037802.D
Acq On : 30 Nov 2022 13:18
Operator : CG/JU
Sample : SSTD3.296
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: Nov 30 23:30:21 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	4519	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	14215	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.730	164	7976	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.463	188	16084	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.632	240	11810	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	11322	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	18852	3.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	69630	3.396	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	130063	3.237	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	20174	3.209	ng/ul#	52
5) Naphthalene	10.971	128	142805	3.213	ng/ul	97
7) 2-Methylnaphthalene	12.571	142	92010	3.401	ng/ul	100
8) 1-Methylnaphthalene	12.791	142	96718	3.486	ng/ul	99
10) Acenaphthylene	14.452	152	138021	3.452	ng/ul	99
11) Acenaphthene	14.790	153	107963	3.252	ng/ul	99
12) Fluorene	15.771	166	121738	3.312	ng/ul	100
14) Pentachlorophenol	17.113	266	18070	3.419	ng/ul	99
15) Phenanthrene	17.505	178	188831	3.239	ng/ul	99
16) Anthracene	17.598	178	178555	3.441	ng/ul	98
19) Fluoranthene	19.510	202	209222	3.193	ng/ul#	86
20) Pyrene	19.872	202	217017	3.160	ng/ul#	87
21) Benzo(a)anthracene	21.614	228	183450	3.202	ng/ul	99
22) Chrysene	21.667	228	180290	3.120	ng/ul	99
24) Benzo(b)fluoranthene	23.350	252	192676	3.247	ng/ul	94
25) Benzo(k)fluoranthene	23.403	252	188877	3.305	ng/ul#	93
26) Benzo(a)pyrene	24.002	252	164496	3.247	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.712	276	213092	3.220	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.729	278	167110	3.223	ng/ul#	91
29) Benzo(g,h,i)perylene	27.514	276	176744	3.184	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
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Quant Time: Nov 30 23:30:21 2022
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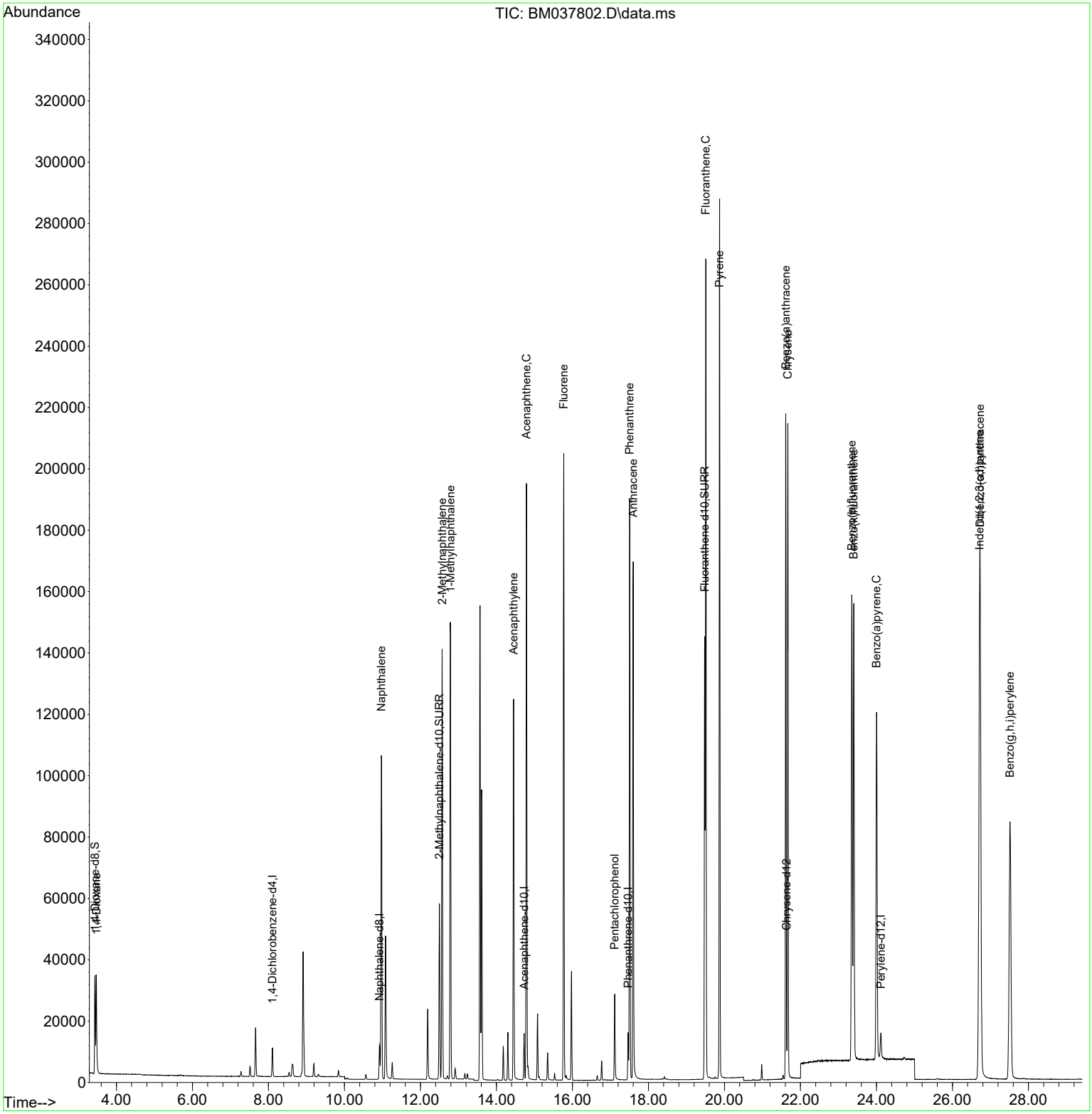
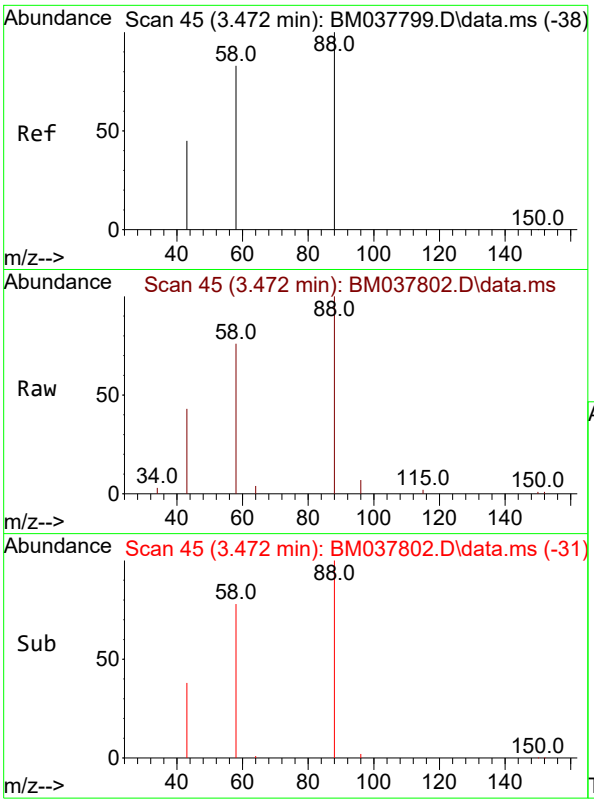


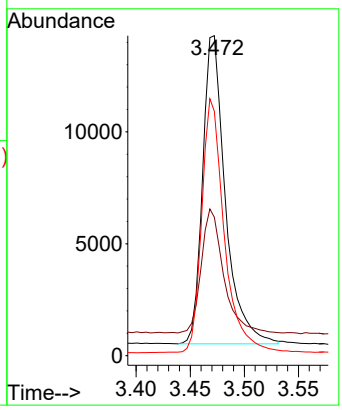


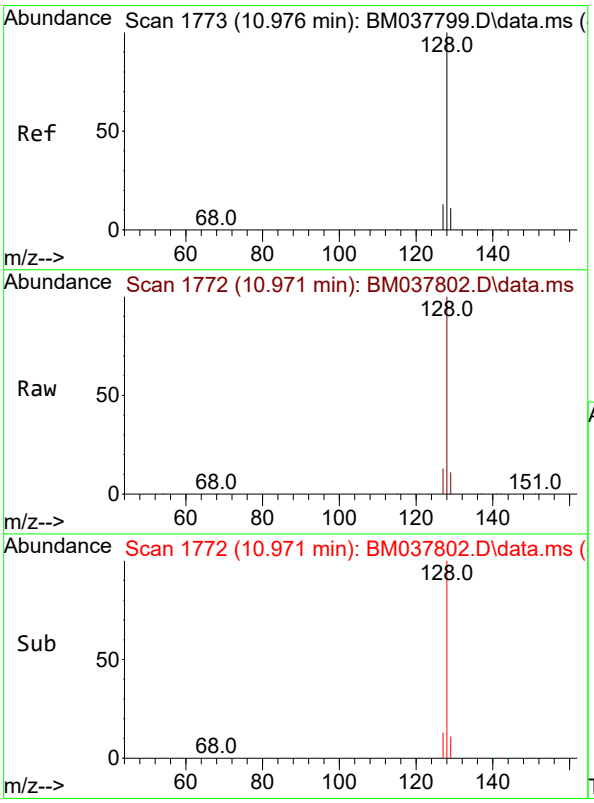
#2
1,4-Dioxane
Concen: 3.209 ng/ul
RT: 3.472 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 20174

Ion	Ratio	Lower	Upper
88	100		
43	43.2	102.8	154.2#
58	76.4	67.3	100.9

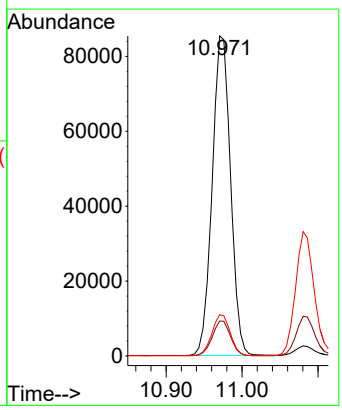


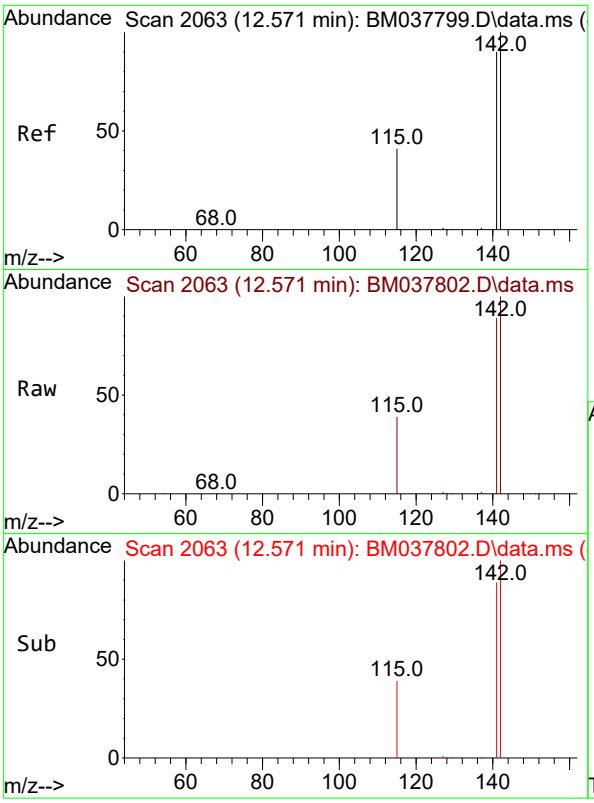


#5
Naphthalene
Concen: 3.213 ng/ul
RT: 10.971 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:128 Resp: 142805

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.8
127	12.9	11.0	16.4



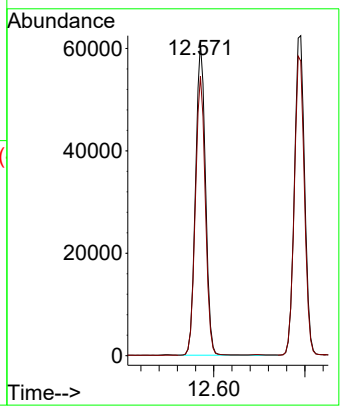


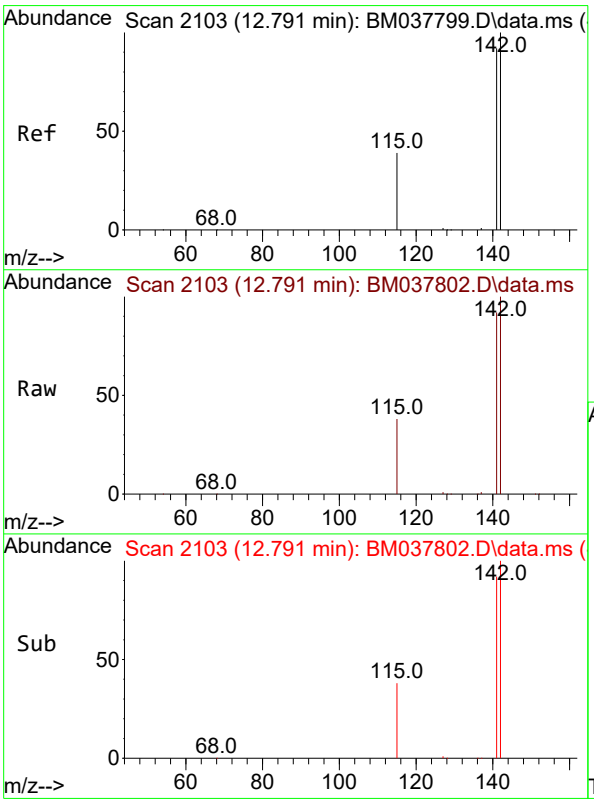
#7
2-Methylnaphthalene
Concen: 3.401 ng/ul
RT: 12.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 92010

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4

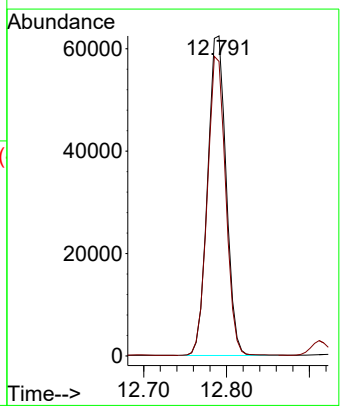


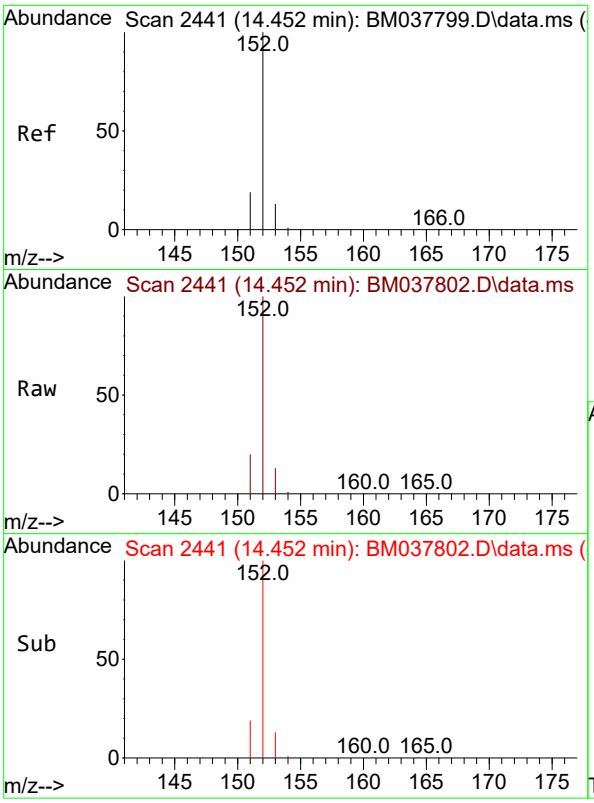


#8
1-Methylnaphthalene
Concen: 3.486 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:142 Resp: 96718

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.0



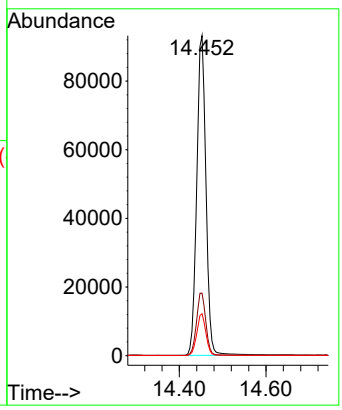


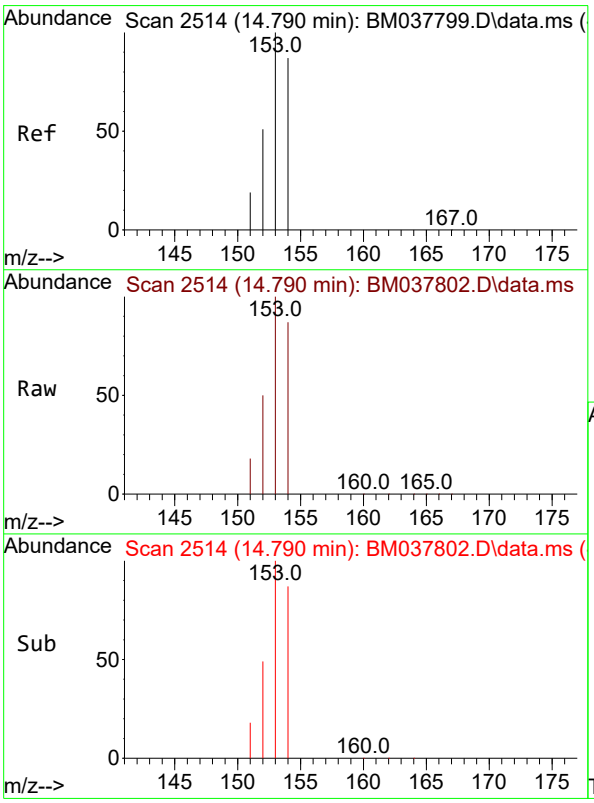
#10
Acenaphthylene
Concen: 3.452 ng/ul
RT: 14.452 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 138021

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.1	11.0	16.4

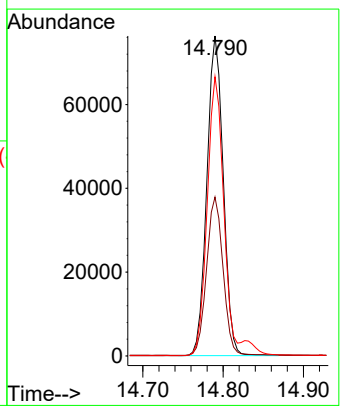


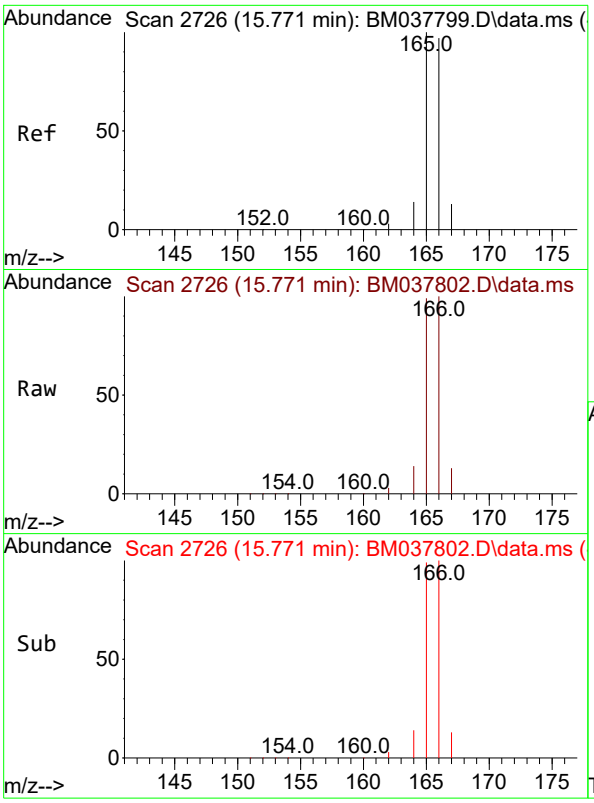


#11
Acenaphthene
Concen: 3.252 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:153 Resp: 107963

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.4	59.0
154	87.3	69.5	104.3



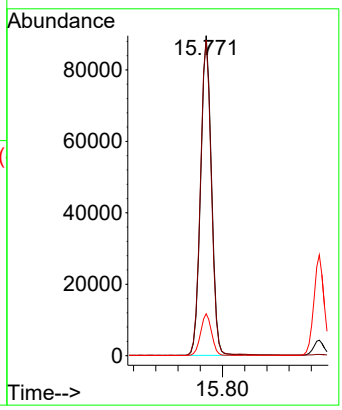


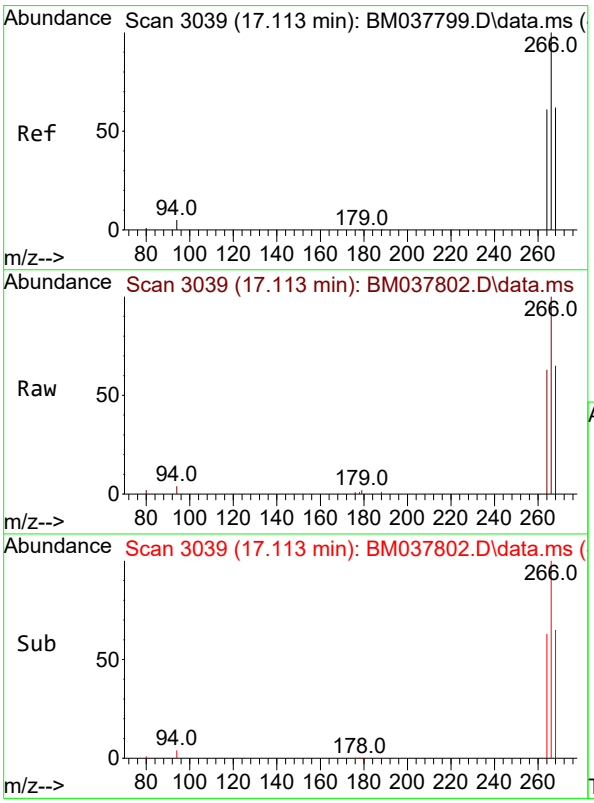
#12
Fluorene
Concen: 3.312 ng/ul
RT: 15.771 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 121738

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.7	118.1
167	13.1	11.3	16.9

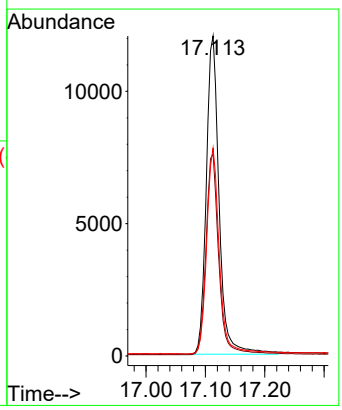


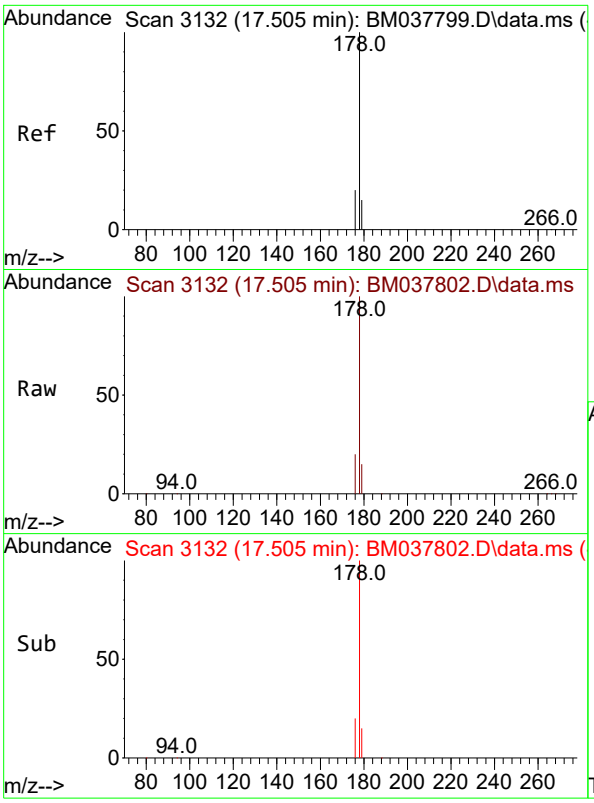


#14
Pentachlorophenol
Concen: 3.419 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:266 Resp: 18070

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	63.9	52.0	78.0



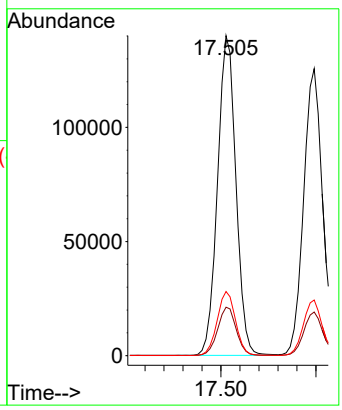


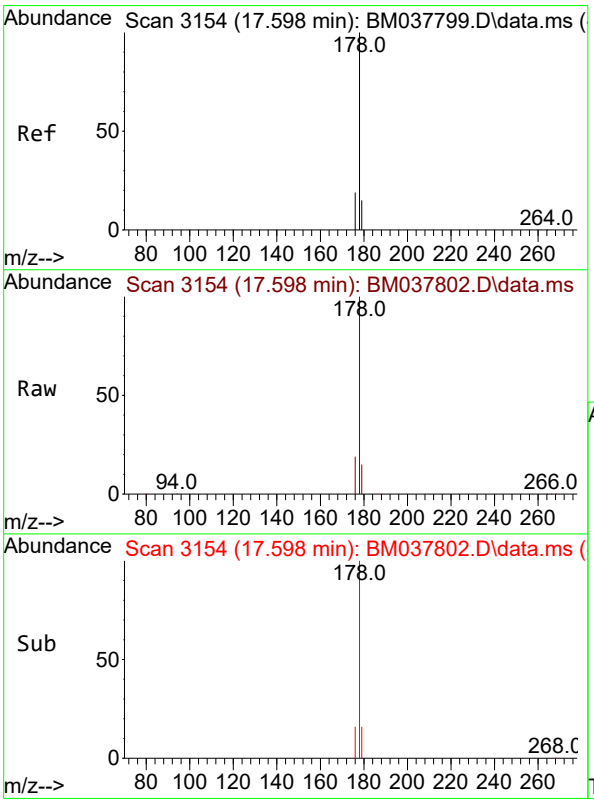
#15
Phenanthrene
Concen: 3.239 ng/ul
RT: 17.505 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 188831

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	20.1	16.0	24.0

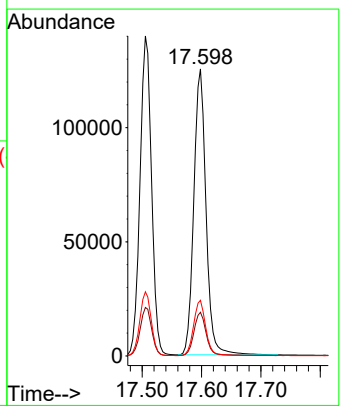


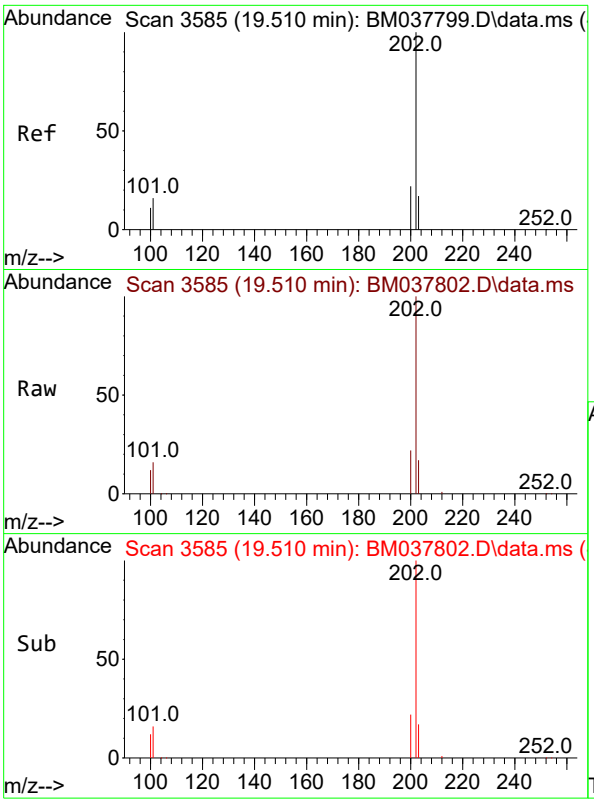


#16
Anthracene
Concen: 3.441 ng/ul
RT: 17.598 min Scan# 3154
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:178 Resp: 178555

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.4	15.0	22.6



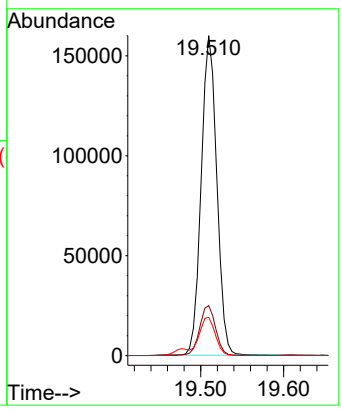


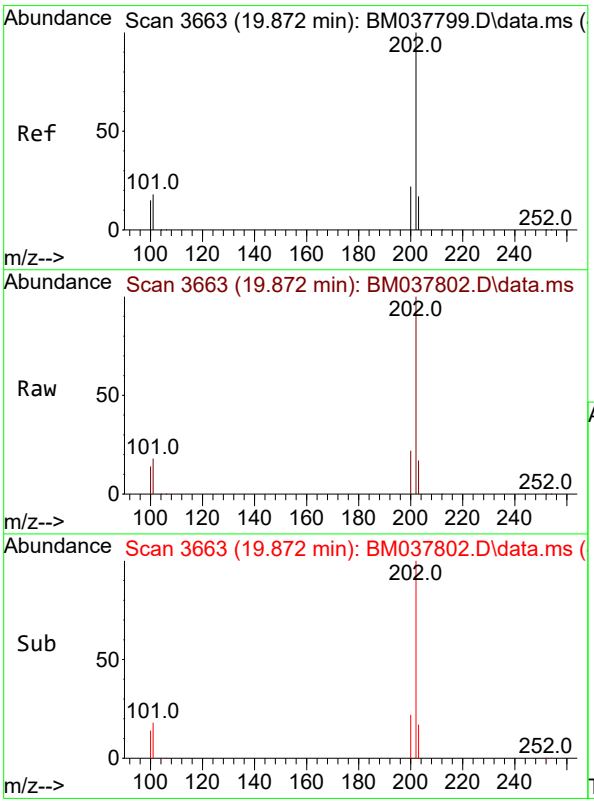
#19
Fluoranthene
Concen: 3.193 ng/ul
RT: 19.510 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 209222

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.2	12.2#
100	12.0	6.1	9.1#

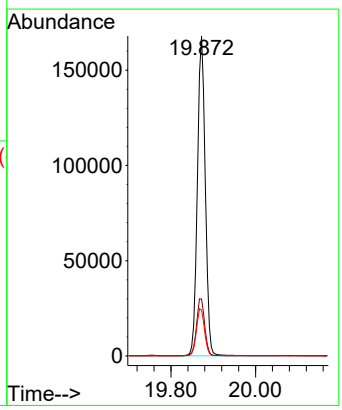


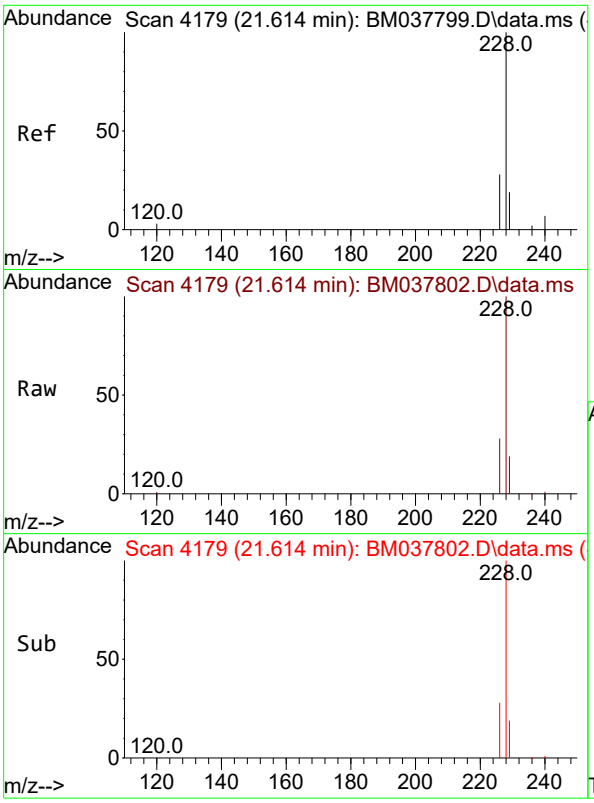


#20
Pyrene
Concen: 3.160 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:202 Resp: 217017

Ion	Ratio	Lower	Upper
202	100		
101	17.8	10.1	15.1#
100	14.4	8.0	12.0#



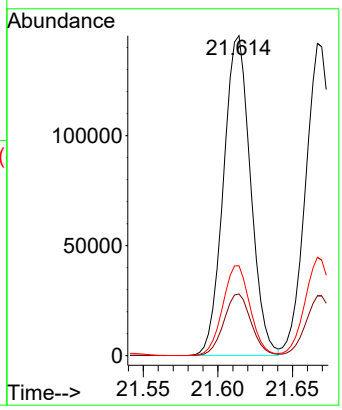


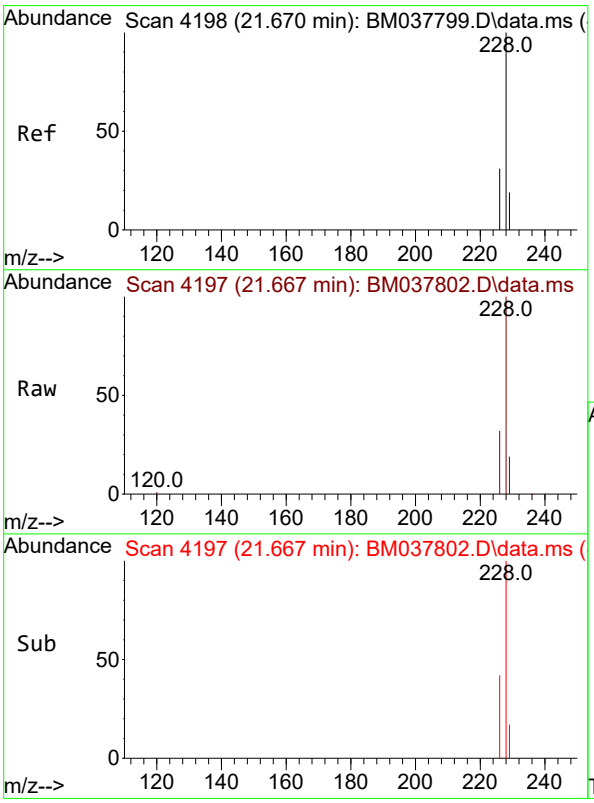
#21
Benzo(a)anthracene
Concen: 3.202 ng/ul
RT: 21.614 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 183450

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	28.1	22.2	33.2

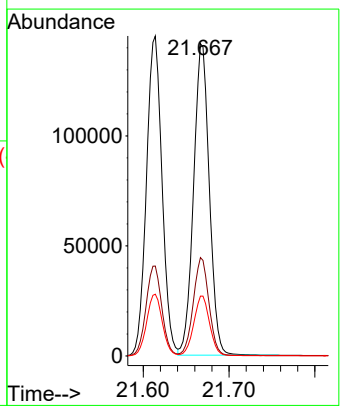


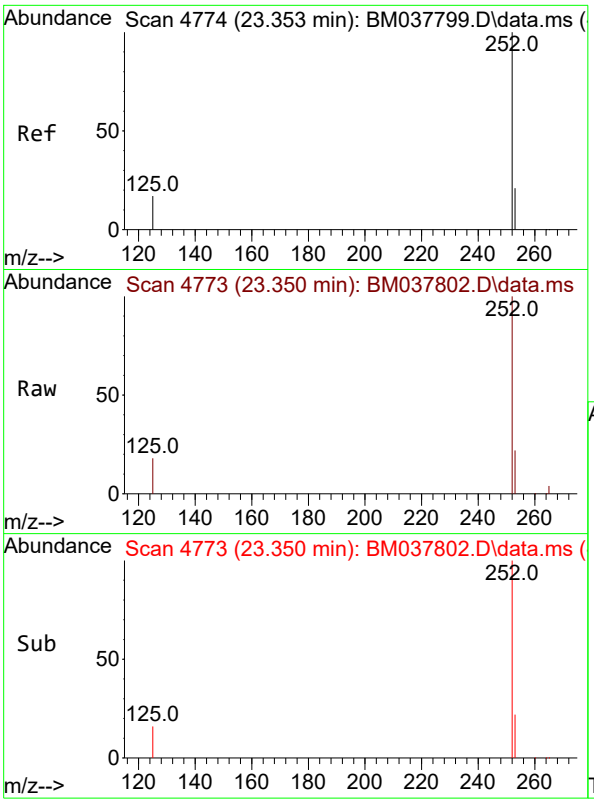


#22
Chrysene
Concen: 3.120 ng/ul
RT: 21.667 min Scan# 4197
Delta R.T. -0.003 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:228 Resp: 180290

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	19.2	15.5	23.3



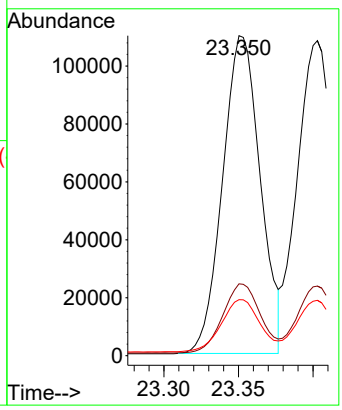


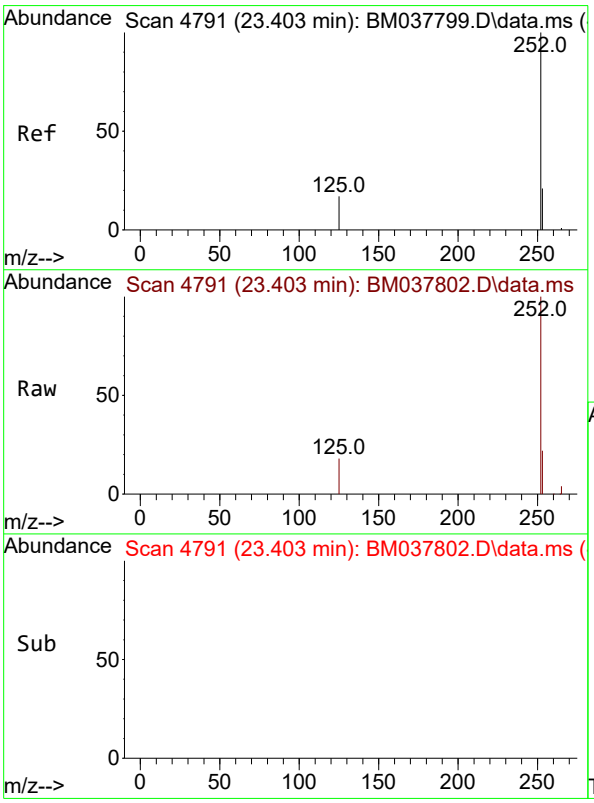
#24
Benzo(b)fluoranthene
Concen: 3.247 ng/ul
RT: 23.350 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 192676

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	46.2
125	17.5	0.0	23.4

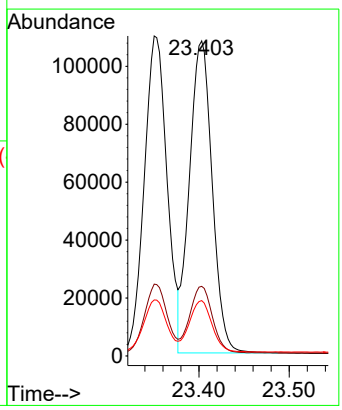


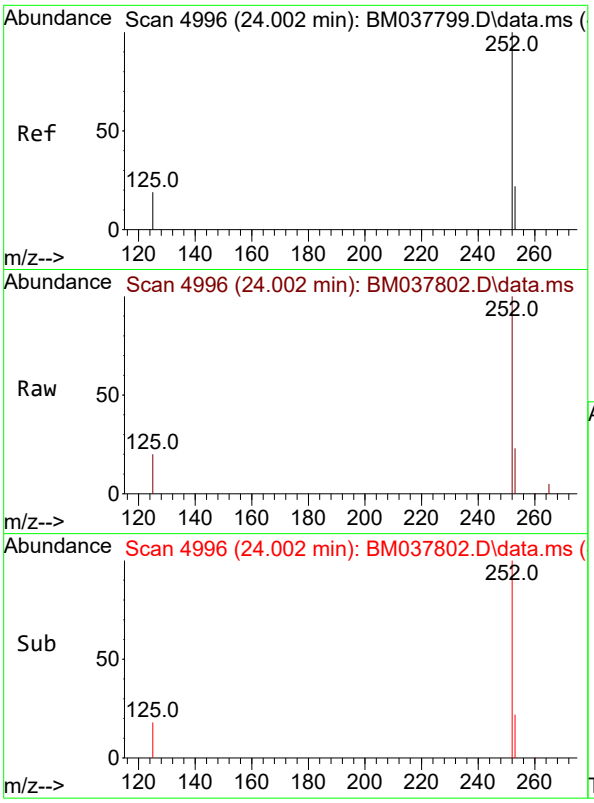


#25
Benzo(k)fluoranthene
Concen: 3.305 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:252 Resp: 188877

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	17.6	9.8	14.6#



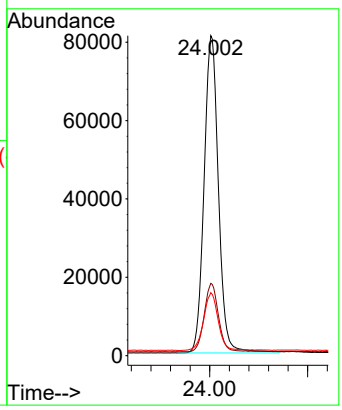


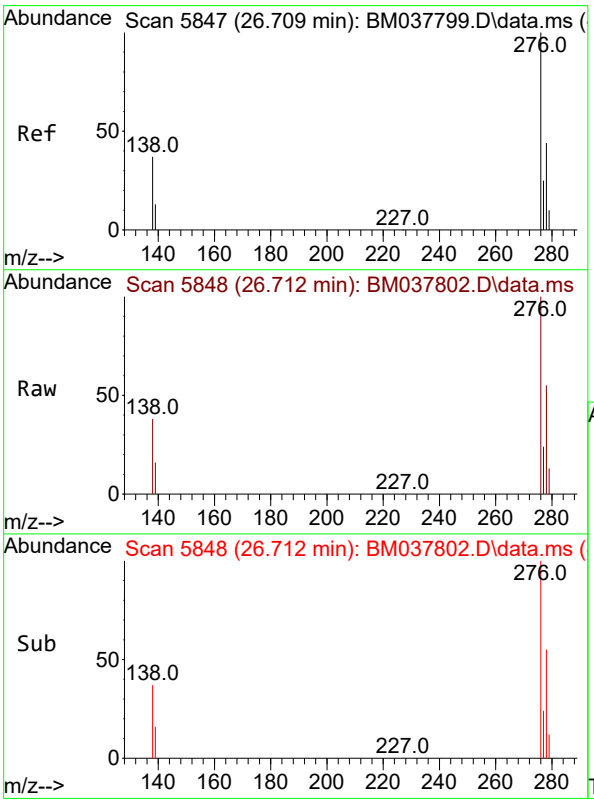
#26
Benzo(a)pyrene
Concen: 3.247 ng/ul
RT: 24.002 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 164496

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	19.7	10.5	15.7#

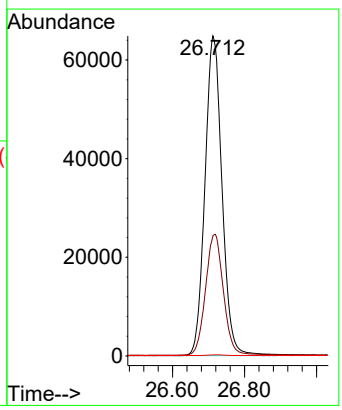


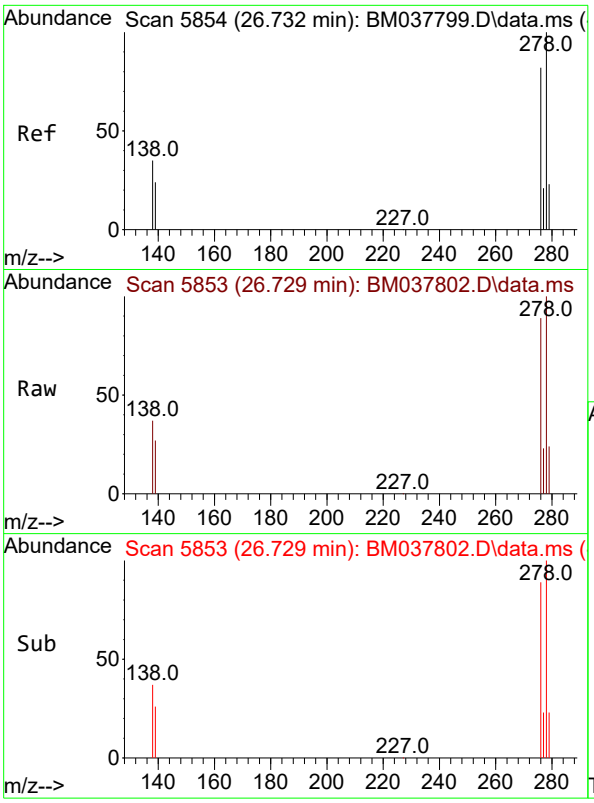


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.220 ng/ul
RT: 26.712 min Scan# 5848
Delta R.T. 0.003 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:276 Resp: 213092

Ion	Ratio	Lower	Upper
276	100		
138	39.8	21.2	31.8#
227	0.2	0.1	0.1#



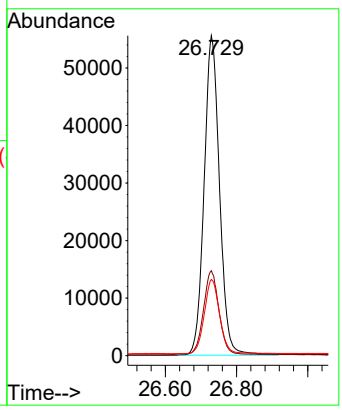


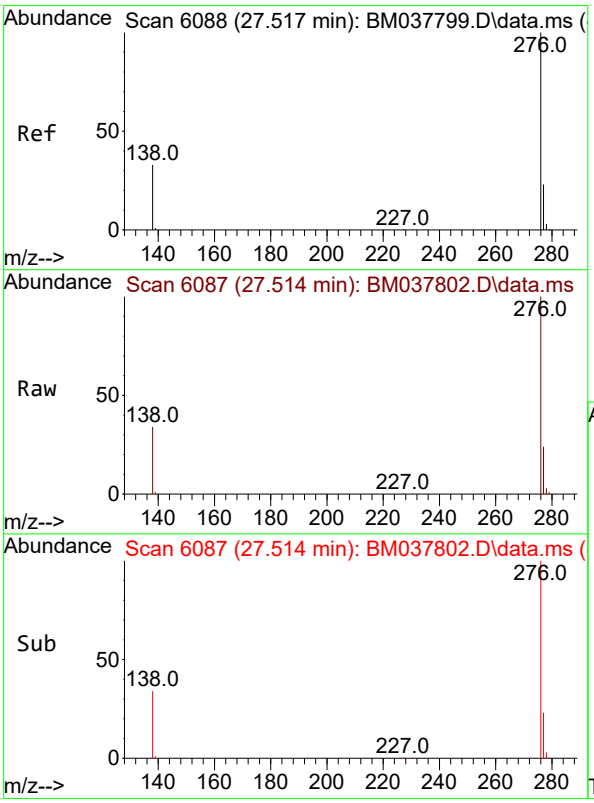
#28
Dibenzo(a,h)anthracene
Concen: 3.223 ng/ul
RT: 26.729 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 167110

Ion	Ratio	Lower	Upper
278	100		
139	26.6	15.2	22.8#
279	23.8	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 3.184 ng/ul
RT: 27.514 min Scan# 6087
Delta R.T. -0.003 min
Lab File: BM037802.D
Acq: 30 Nov 2022 13:18

Tgt Ion:276 Resp: 176744

Ion	Ratio	Lower	Upper
276	100		
138	34.3	19.0	28.4#
277	23.5	19.4	29.2