Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040001.D
Acq On : 25 May 2023 14:25
Operator : CG/JU
Sample : SSTD3.275
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: May 25 14:59:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 14:35:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	9632	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	31596	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.651	164	16876	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	26891	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	16044	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	13146	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	34033	2.996	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	128143	3.317	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	149977	3.105	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	36446	3.062	ng/ul	90
5) Naphthalene	10.877	128	243002	3.148	ng/ul	99
7) 2-Methylnaphthalene	12.488	142	160343	3.441	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	166824	3.444	ng/ul	100
10) Acenaphthylene	14.374	152	224190	3.336	ng/ul	99
11) Acenaphthene	14.711	153	173870	3.177	ng/ul	99
12) Fluorene	15.697	166	187282	3.283	ng/ul	100
14) Pentachlorophenol	17.041	266	20618	3.962	ng/ul	99
15) Phenanthrene	17.434	178	251291	3.301	ng/ul	99
16) Anthracene	17.526	178	231121	3.617	ng/ul	99
19) Fluoranthene	19.449	202	234778	3.252	ng/ul	96
20) Pyrene	19.807	202	225499	3.082	ng/ul	99
21) Benzo(a)anthracene	21.556	228	169080	3.131	ng/ul	100
22) Chrysene	21.608	228	172251	3.001	ng/ul	100
24) Benzo(b)fluoranthene	23.271	252	173528	3.324	ng/ul	92
25) Benzo(k)fluoranthene	23.321	252	175237	3.330	ng/ul#	92
26) Benzo(a)pyrene	23.912	252	144337	3.306	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.571	276	205650	3.272	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.591	278	167399	3.296	ng/ul	95
29) Benzo(g,h,i)perylene	27.353	276	163961	3.183	ng/ul	98

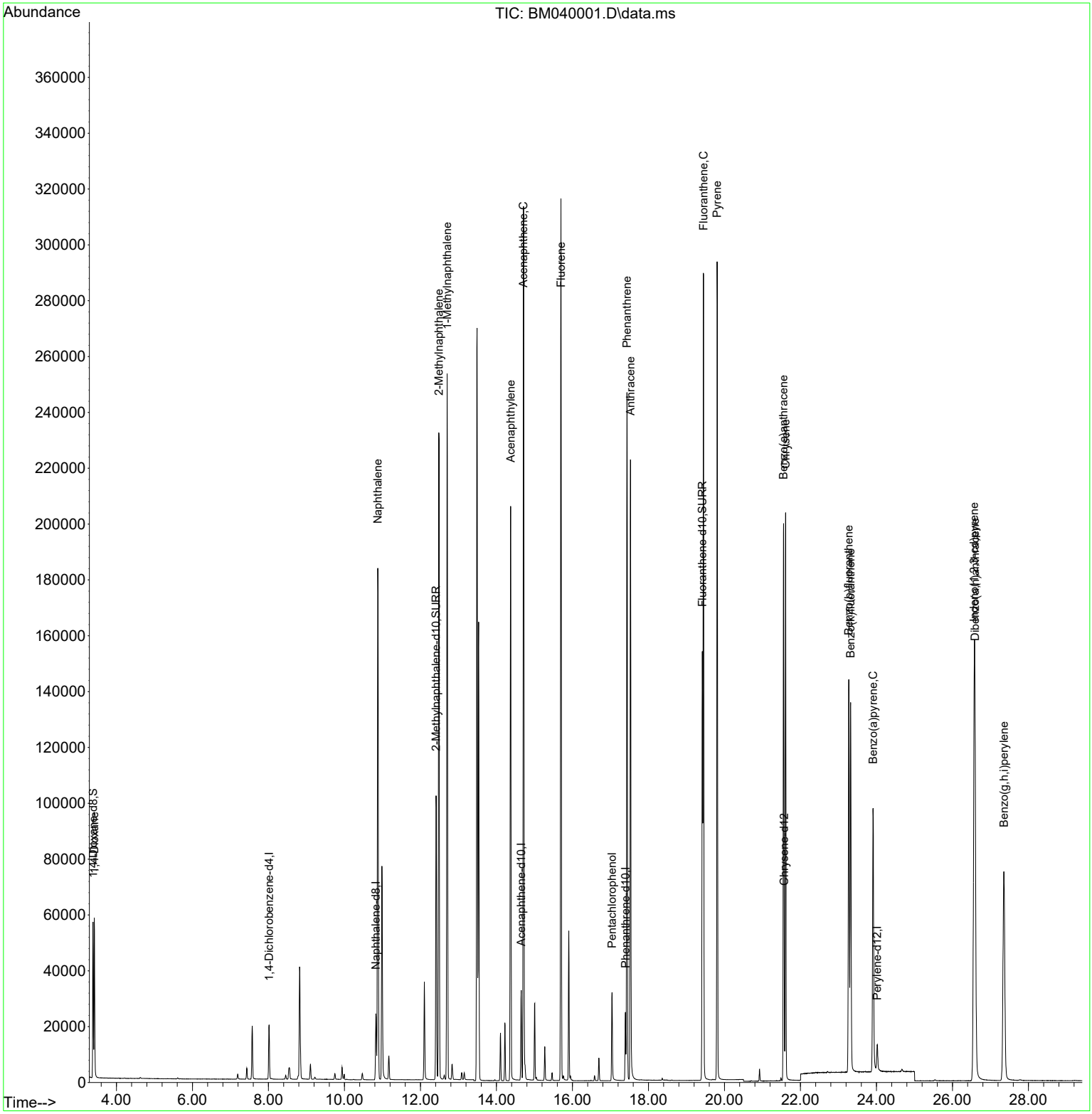
(#) = qualifier out of range (m) = manual integration (+) = signals summed

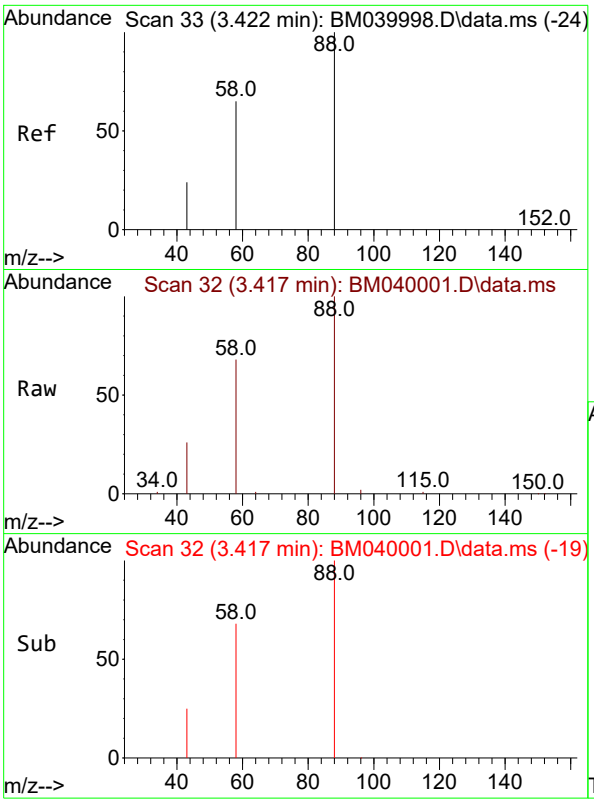
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040001.D
Acq On : 25 May 2023 14:25
Operator : CG/JU
Sample : SSTD3.275
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: May 25 14:59:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 14:35:15 2023
Response via : Initial Calibration



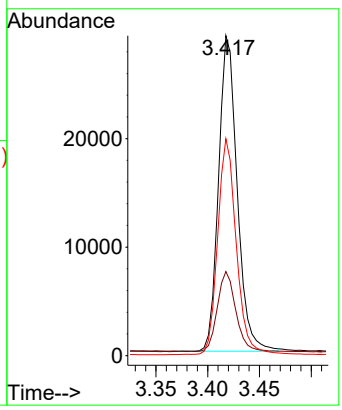


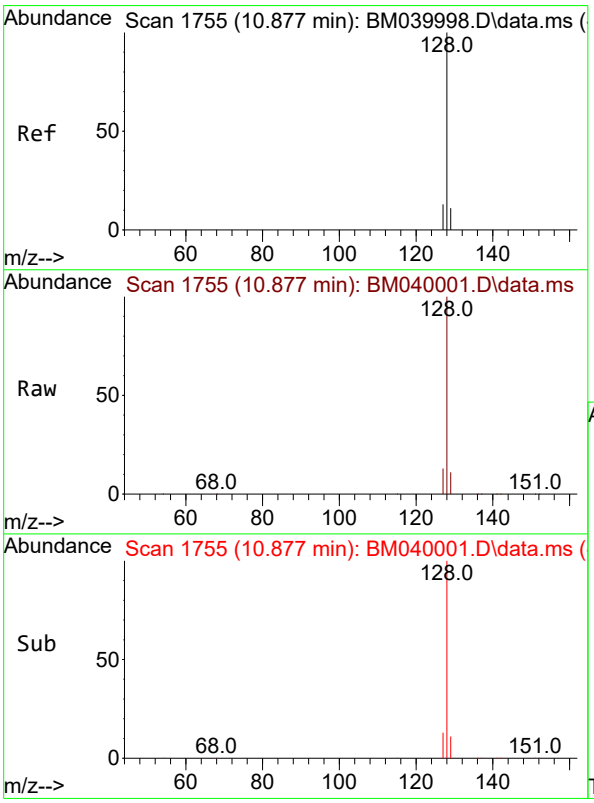
#2
1,4-Dioxane
Concen: 3.062 ng/ul
RT: 3.417 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 36446

Ion	Ratio	Lower	Upper
88	100		
43	26.3	25.9	38.9
58	67.8	48.5	72.7

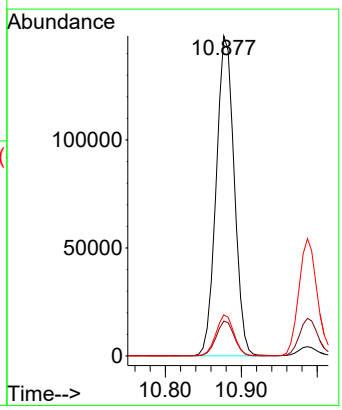


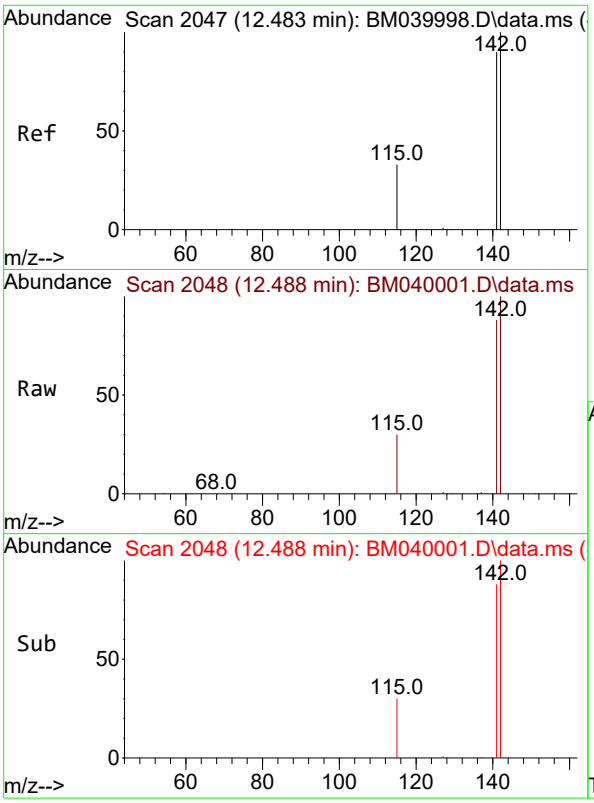


#5
Naphthalene
Concen: 3.148 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:128 Resp: 243002

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.9	10.5	15.7



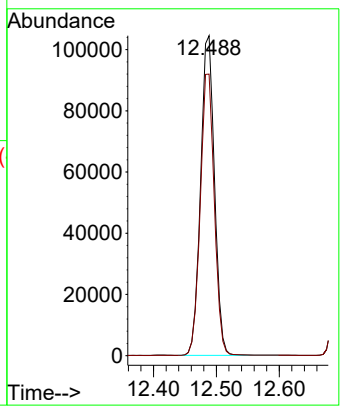


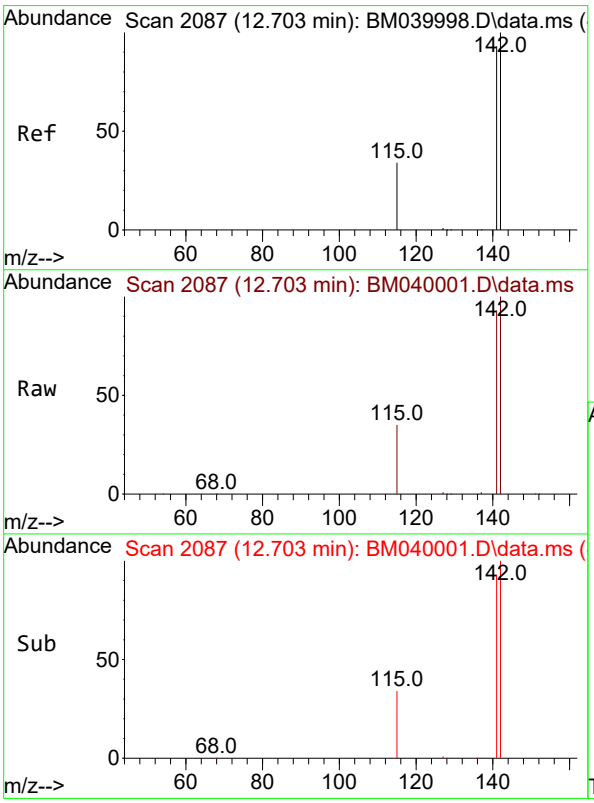
#7
2-Methylnaphthalene
Concen: 3.441 ng/ul
RT: 12.488 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 160343

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9

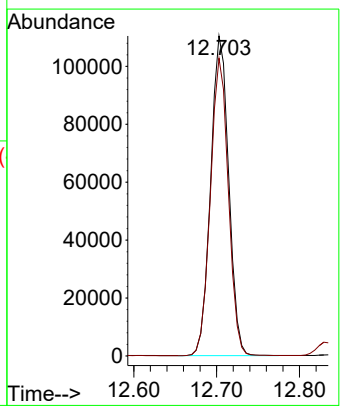


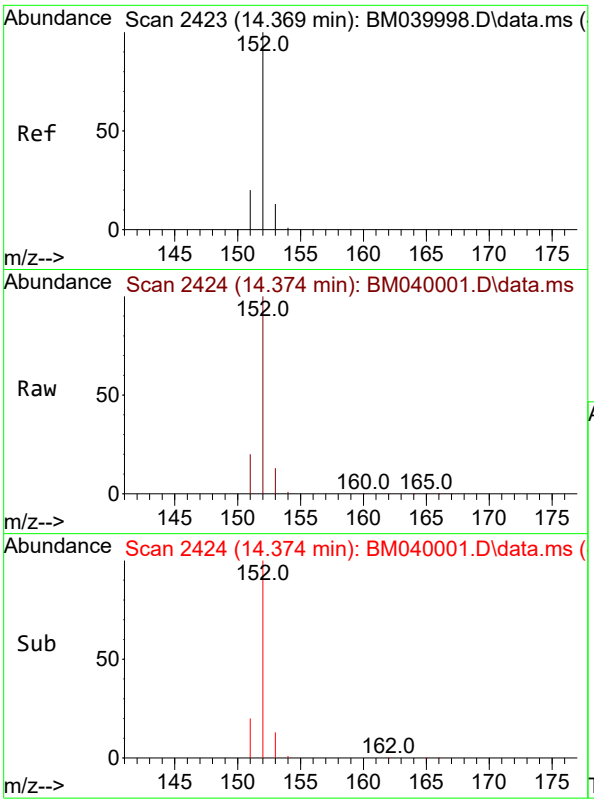


#8
1-Methylnaphthalene
Concen: 3.444 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:142 Resp: 166824

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6



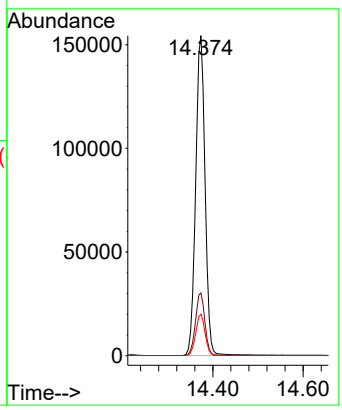


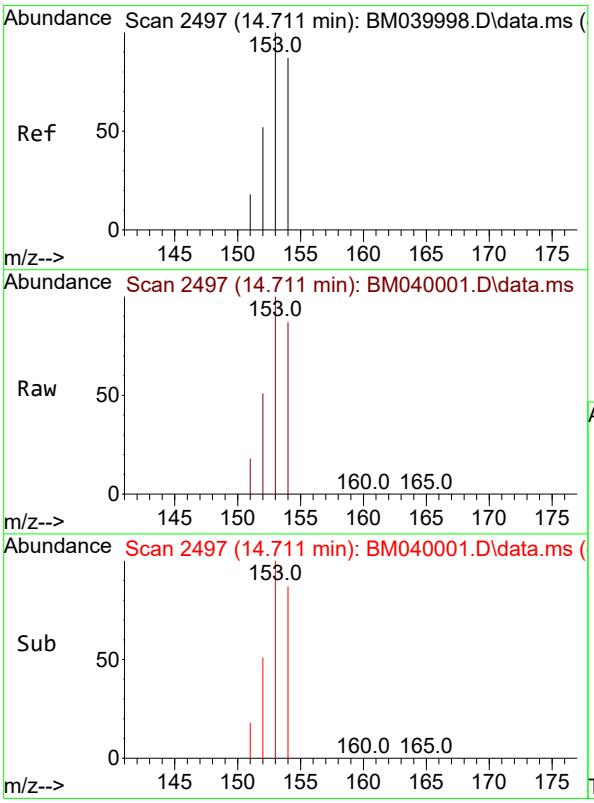
#10
Acenaphthylene
Concen: 3.336 ng/ul
RT: 14.374 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 224190

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.0	10.6	16.0

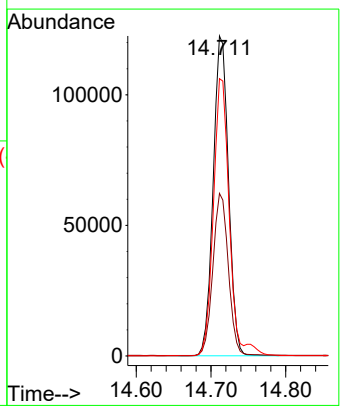


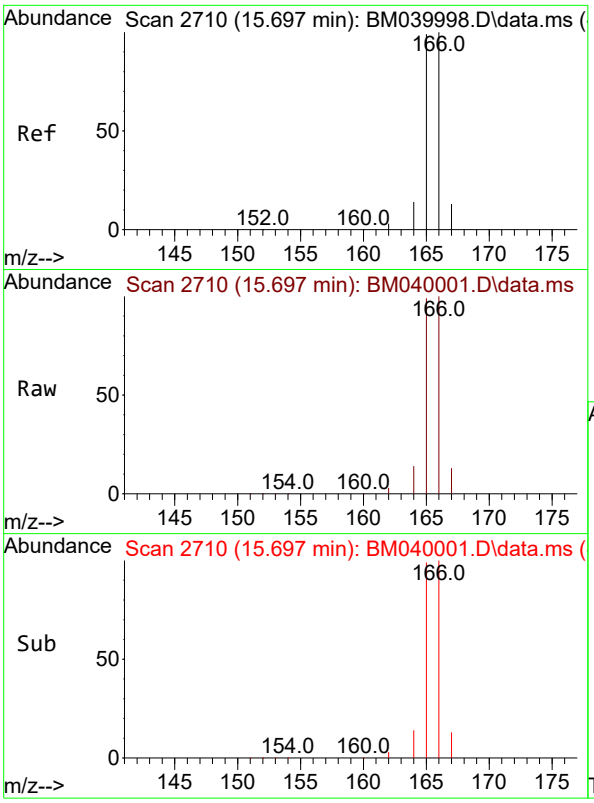


#11
Acenaphthene
Concen: 3.177 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:153 Resp: 173870

Ion	Ratio	Lower	Upper
153	100		
152	50.8	42.0	63.0
154	86.6	69.4	104.2



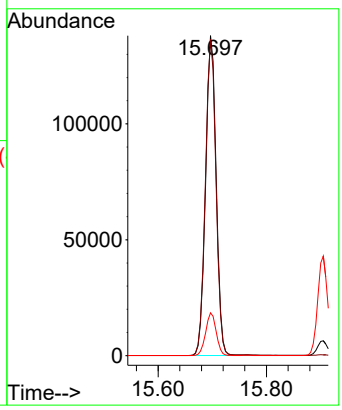


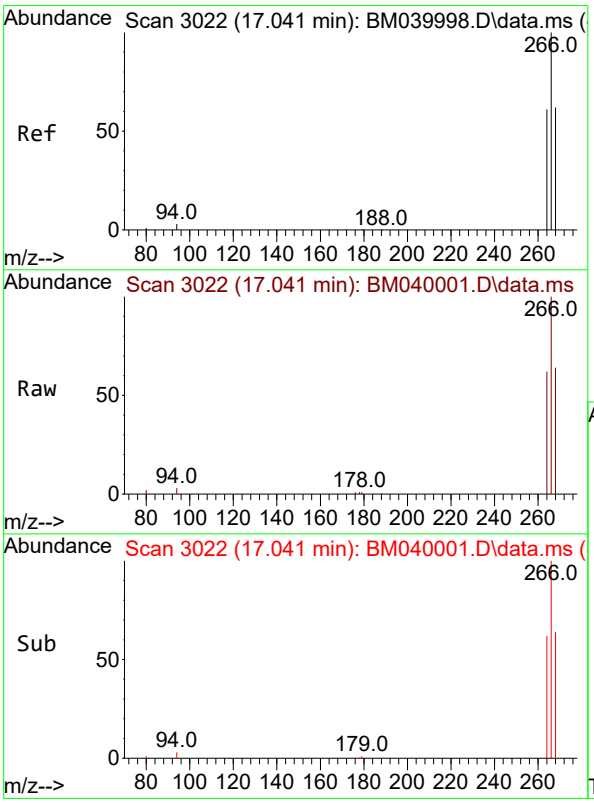
#12
Fluorene
Concen: 3.283 ng/ul
RT: 15.697 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 187282

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.3	118.9
167	13.4	10.8	16.2

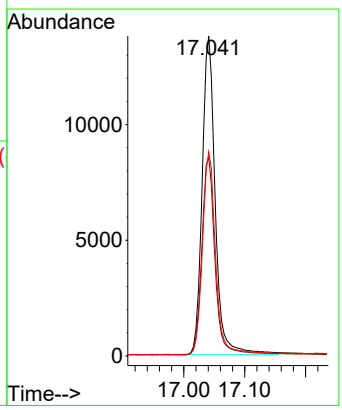


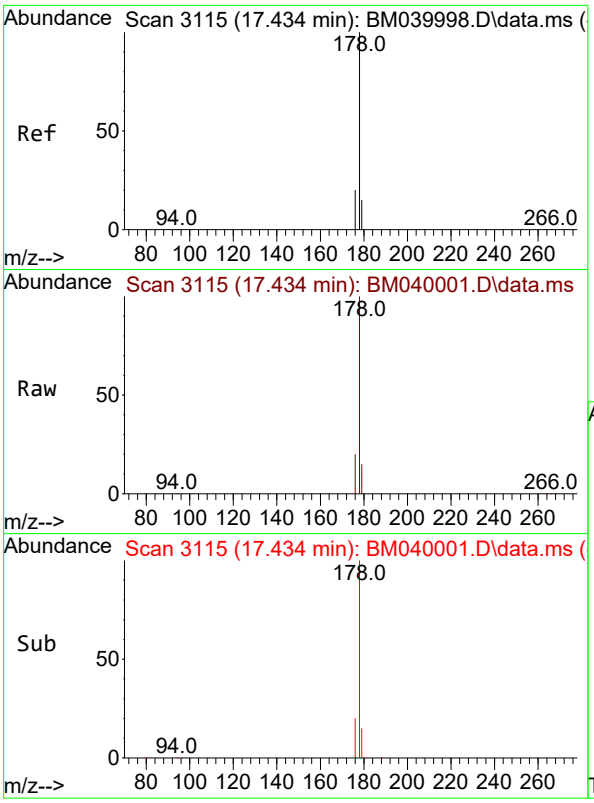


#14
Pentachlorophenol
Concen: 3.962 ng/ul
RT: 17.041 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:266 Resp: 20618

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.2	73.8
268	64.2	51.9	77.9



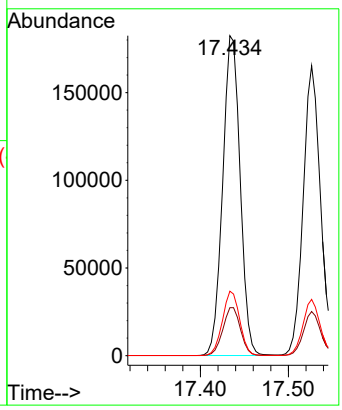


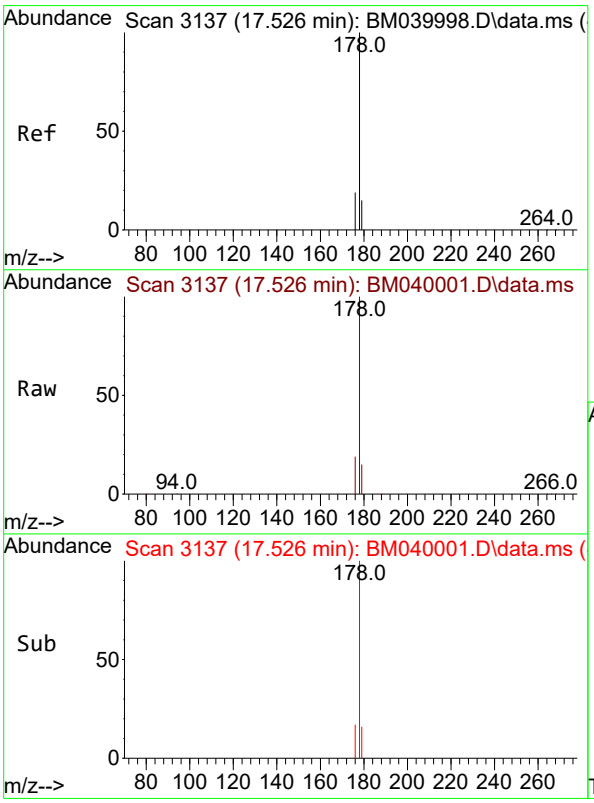
#15
Phenanthrene
Concen: 3.301 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 251291

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	20.1	16.3	24.5

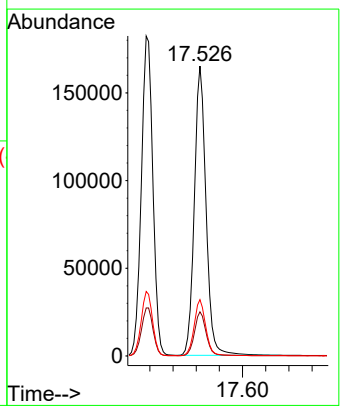


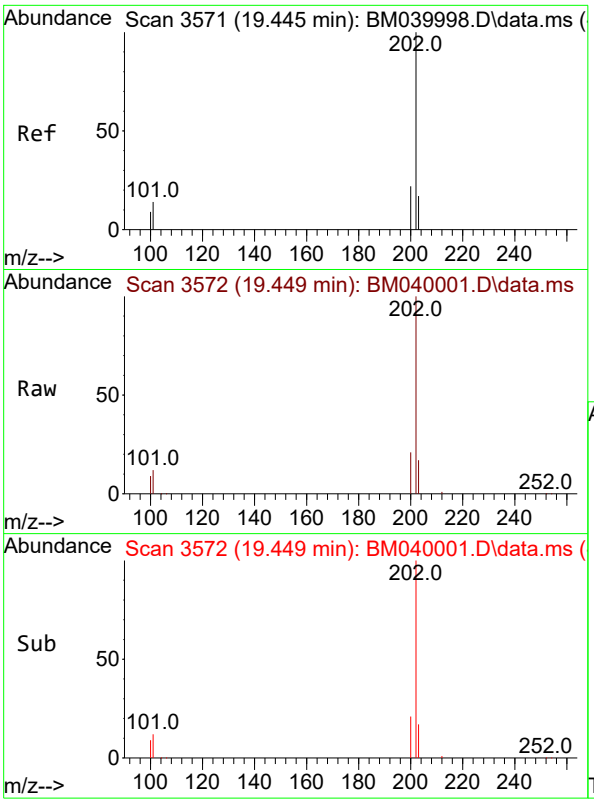


#16
Anthracene
Concen: 3.617 ng/ul
RT: 17.526 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:178 Resp: 231121

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.4	15.5	23.3



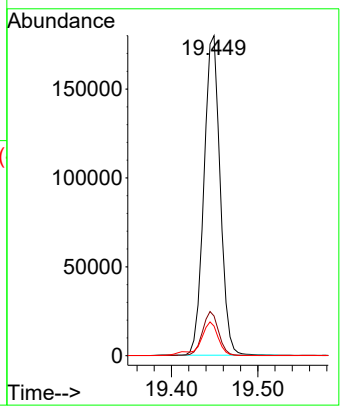


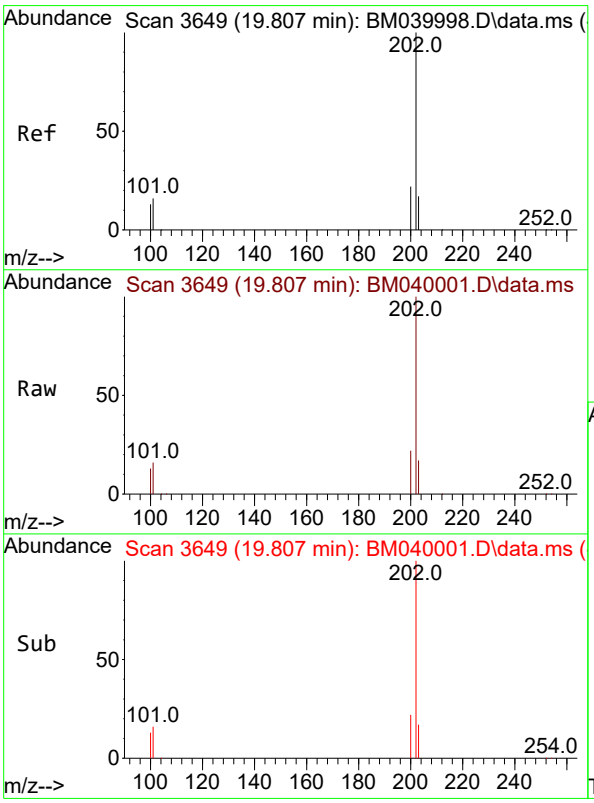
#19
Fluoranthene
Concen: 3.252 ng/ul
RT: 19.449 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 234778

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.5	17.3
100	9.3	8.5	12.7

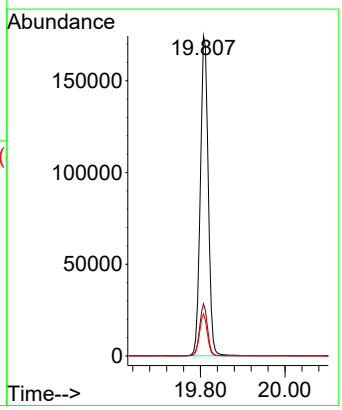


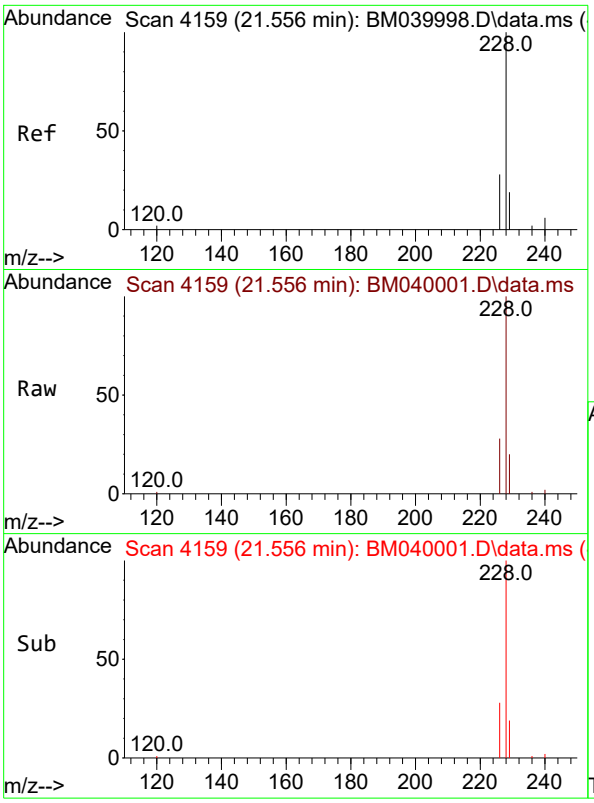


#20
Pyrene
Concen: 3.082 ng/ul
RT: 19.807 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:202 Resp: 225499

Ion	Ratio	Lower	Upper
202	100		
101	16.3	13.3	19.9
100	13.1	10.9	16.3



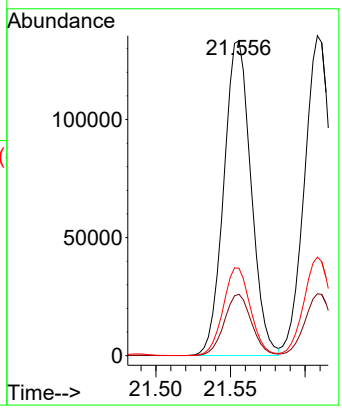


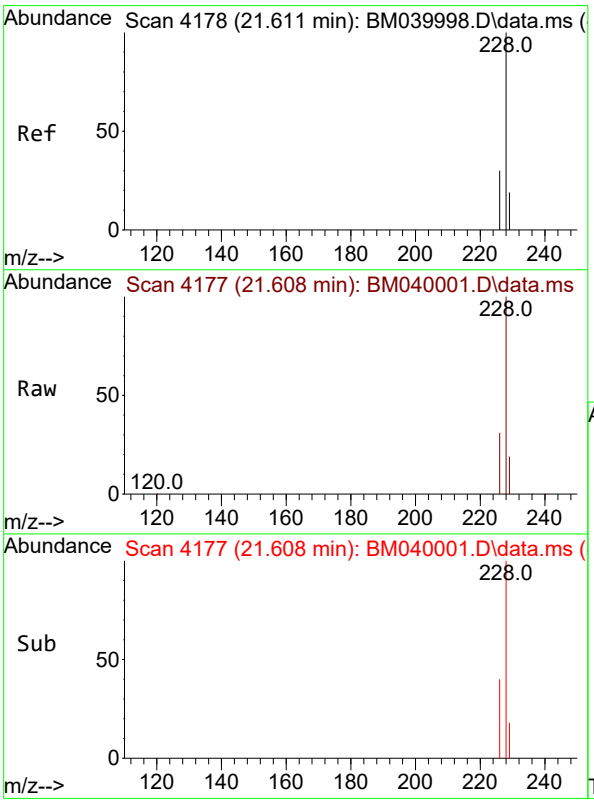
#21
Benzo(a)anthracene
Concen: 3.131 ng/ul
RT: 21.556 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 169080

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.7	22.5	33.7

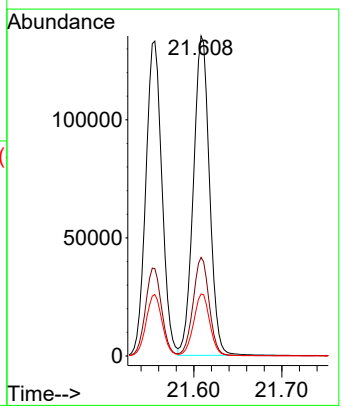


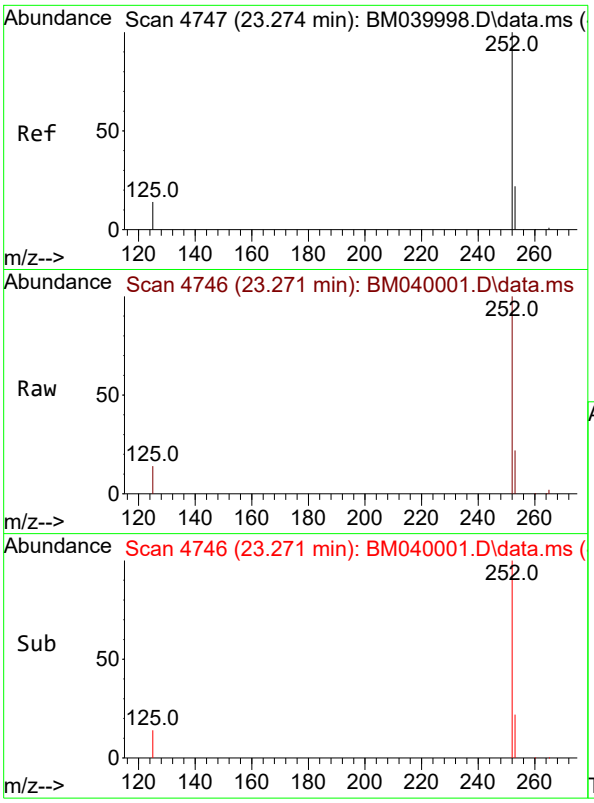


#22
Chrysene
Concen: 3.001 ng/ul
RT: 21.608 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:228 Resp: 172251

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.4	15.6	23.4



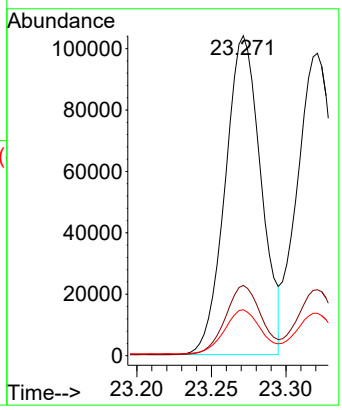


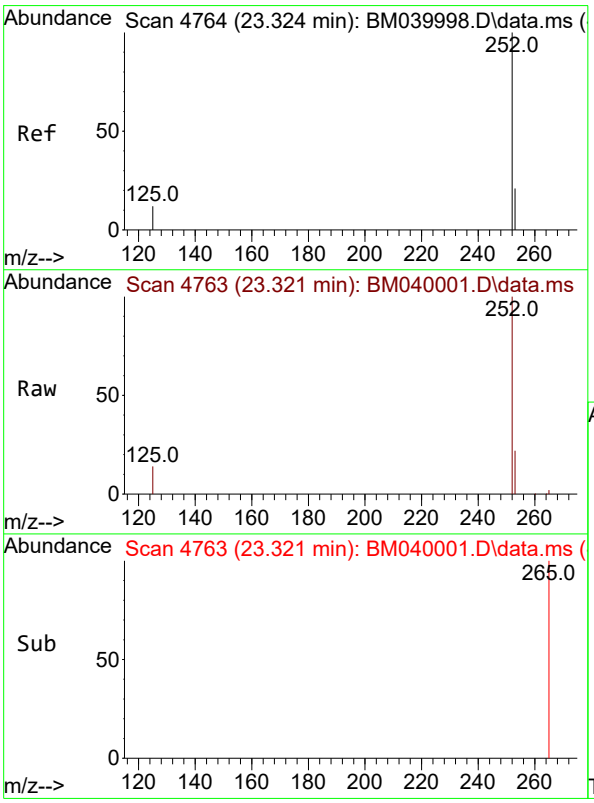
#24
Benzo(b)fluoranthene
Concen: 3.324 ng/ul
RT: 23.271 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 173528

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	49.8
125	14.4	0.0	39.2

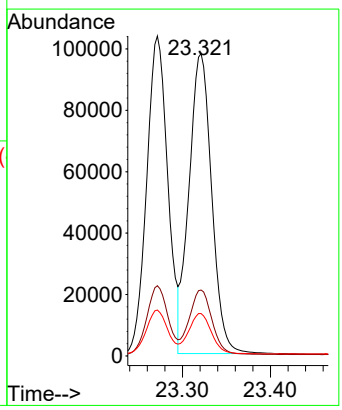


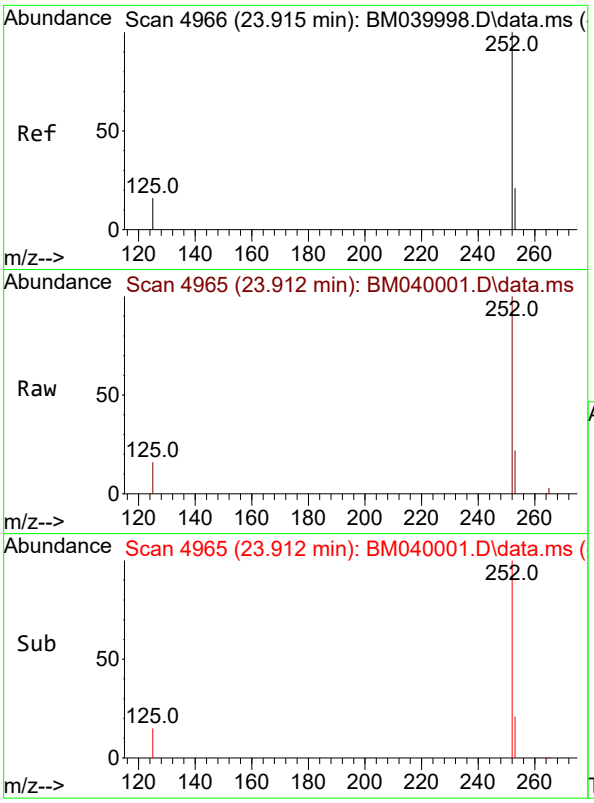


#25
Benzo(k)fluoranthene
Concen: 3.330 ng/ul
RT: 23.321 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:252 Resp: 175237

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.7	29.5
125	14.0	15.0	22.4#



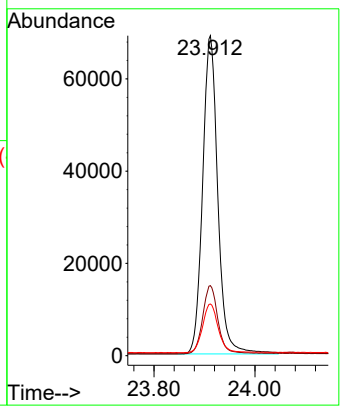


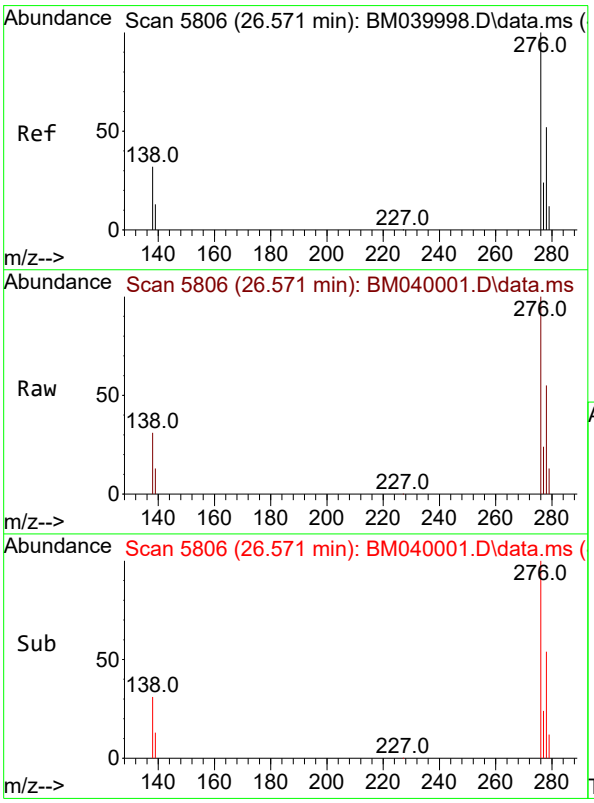
#26
Benzo(a)pyrene
Concen: 3.306 ng/ul
RT: 23.912 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 144337

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.6	31.0
125	16.2	19.1	28.7#

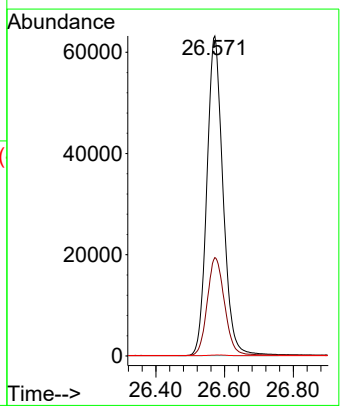


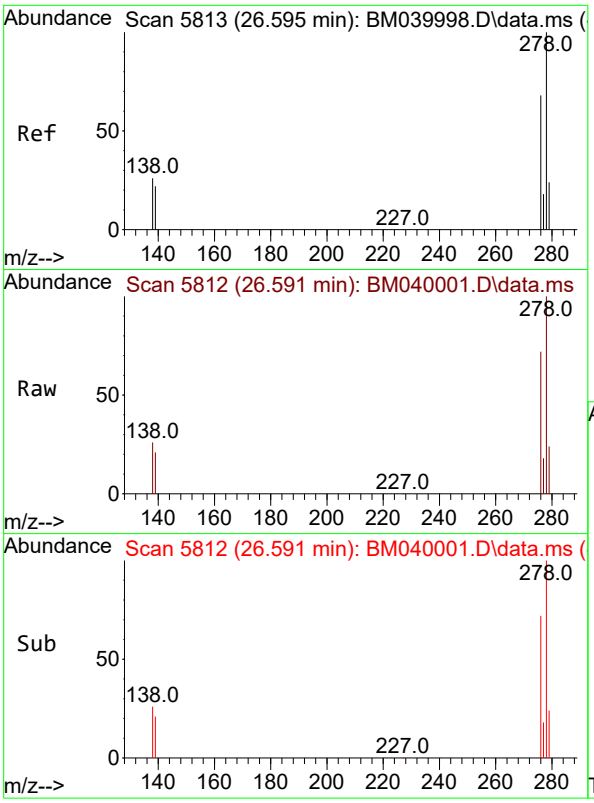


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.272 ng/ul
RT: 26.571 min Scan# 5806
Delta R.T. -0.000 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:276 Resp: 205650

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.9	40.3
227	0.2	0.1	0.1#



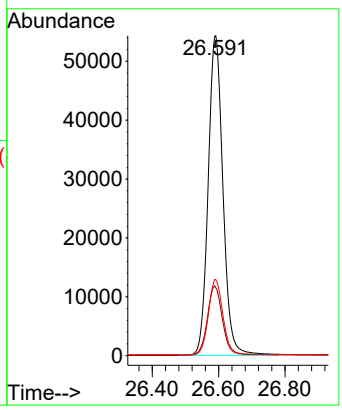


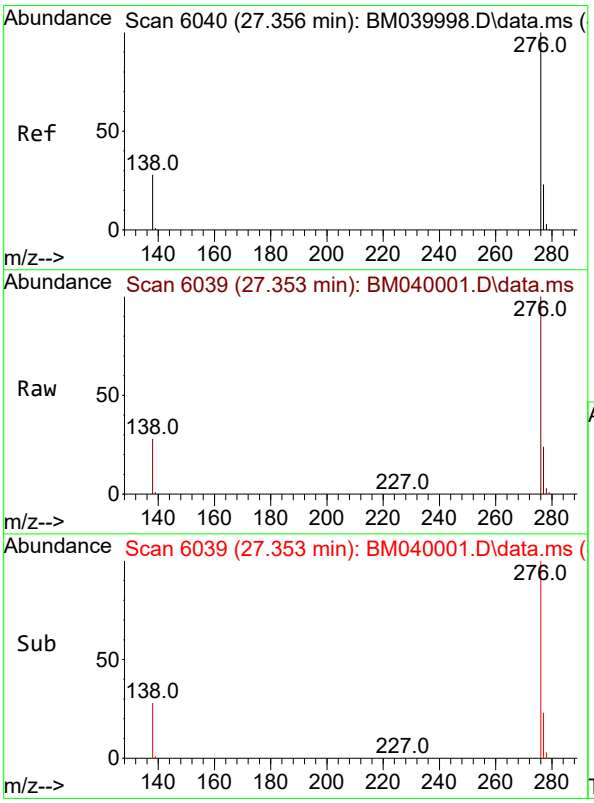
#28
Dibenzo(a,h)anthracene
Concen: 3.296 ng/ul
RT: 26.591 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 167399

Ion	Ratio	Lower	Upper
278	100		
139	21.2	19.0	28.4
279	23.7	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 3.183 ng/ul
RT: 27.353 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BM040001.D
Acq: 25 May 2023 14:25

Tgt Ion:276 Resp: 163961

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.9	35.9
277	23.6	19.5	29.3