Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039779.D
Acq On : 01 May 2023 16:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Quant Time: May 02 01:26:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	3085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136	13361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	14729	0.400	ng/ul	0.00
17) Chrysene-d12	21.402	240	11156	0.400	ng/ul	0.00
23) Perylene-d12	23.755	264	10130	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1924	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	6961	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	13894	0.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	1983	0.421	ng/ul#	39
5) Naphthalene	10.656	128	13033	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	7750	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	8465	0.408	ng/ul	99
10) Acenaphthylene	14.173	152	12521	0.415	ng/ul	99
11) Acenaphthene	14.511	153	9842	0.415	ng/ul	98
12) Fluorene	15.510	166	10554	0.401	ng/ul	100
14) Pentachlorophenol	16.896	266	1042	0.325	ng/ul	98
15) Phenanthrene	17.251	178	15666	0.404	ng/ul	99
16) Anthracene	17.348	178	12852	0.386	ng/ul	99
19) Fluoranthene	19.271	202	18109	0.455	ng/ul	100
20) Pyrene	19.634	202	19517	0.454	ng/ul	99
21) Benzo(a)anthracene	21.388	228	13680	0.426	ng/ul	98
22) Chrysene	21.437	228	15176	0.418	ng/ul	100
24) Benzo(b)fluoranthene	23.036	252	13853	0.389	ng/ul	96
25) Benzo(k)fluoranthene	23.086	252	14273	0.394	ng/ul	97
26) Benzo(a)pyrene	23.653	252	12769	0.400	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.188	276	16213	0.401	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.201	278	12591	0.402	ng/ul	99
29) Benzo(g,h,i)perylene	26.932	276	14076	0.400	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
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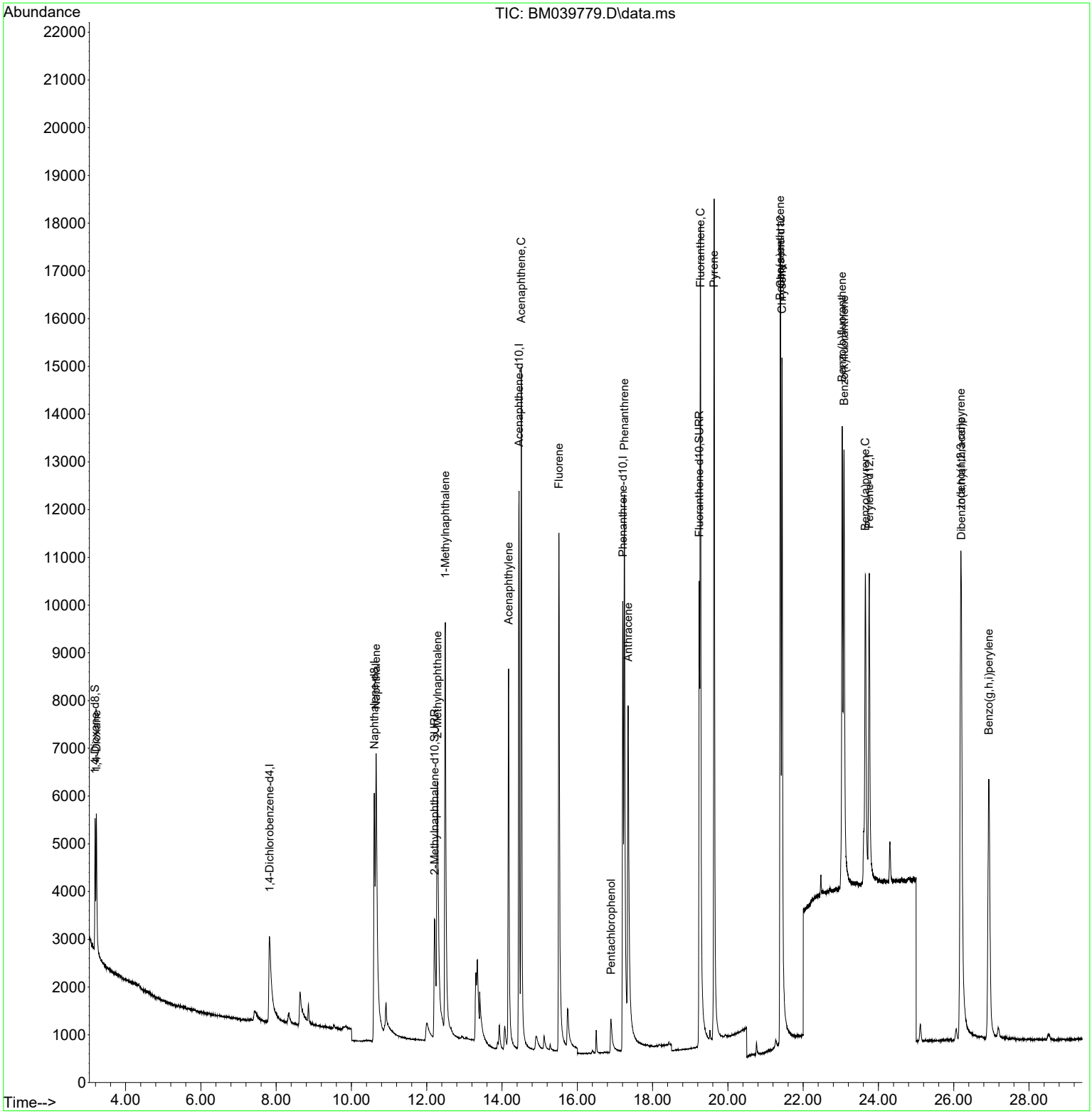
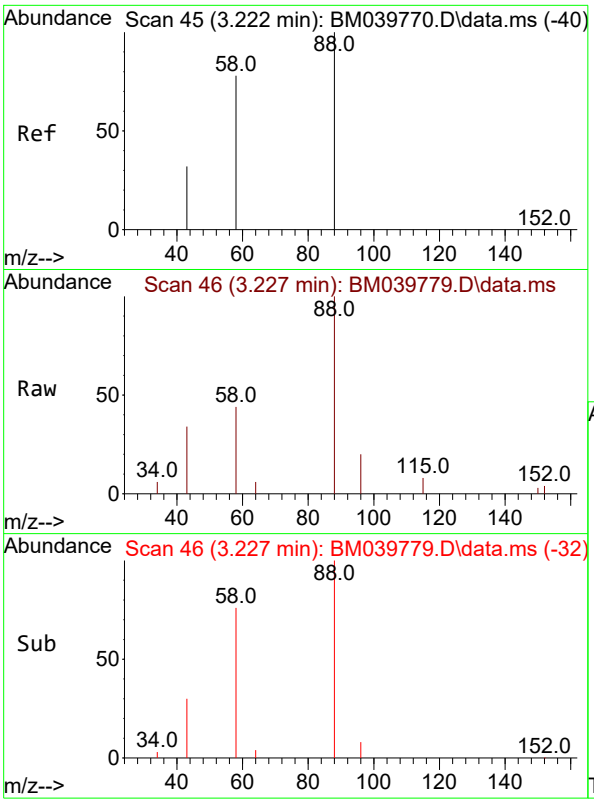
Quant Time: May 02 01:26:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration



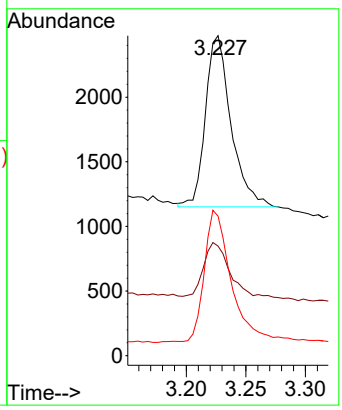


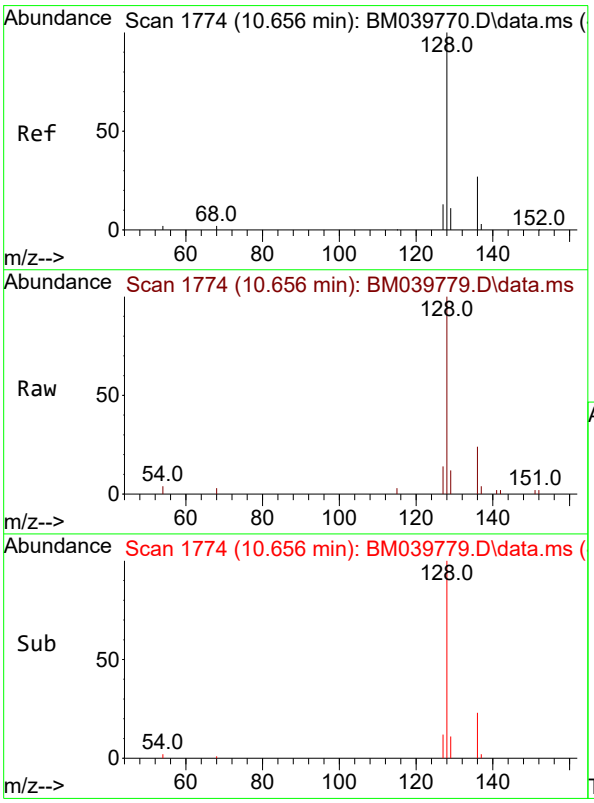
#2
1,4-Dioxane
Concen: 0.421 ng/ul
RT: 3.227 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion: 88 Resp: 1983

Ion	Ratio	Lower	Upper
88	100		
43	34.2	102.6	153.8#
58	43.6	40.6	61.0

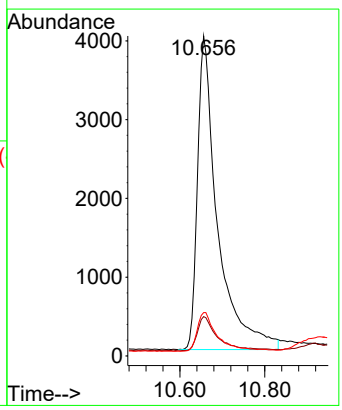


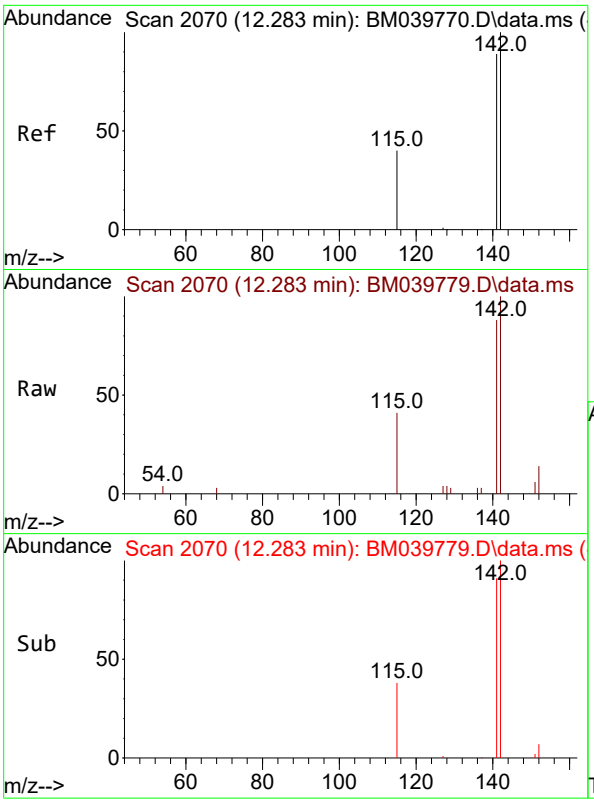


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:128 Resp: 13033

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	13.6	11.1	16.7





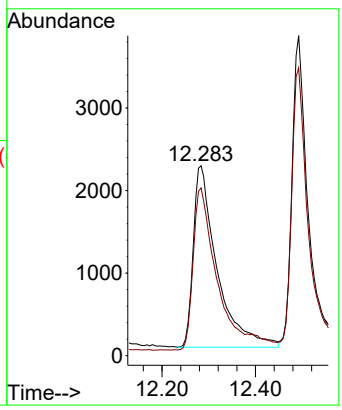
#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.283 min Scan# 2

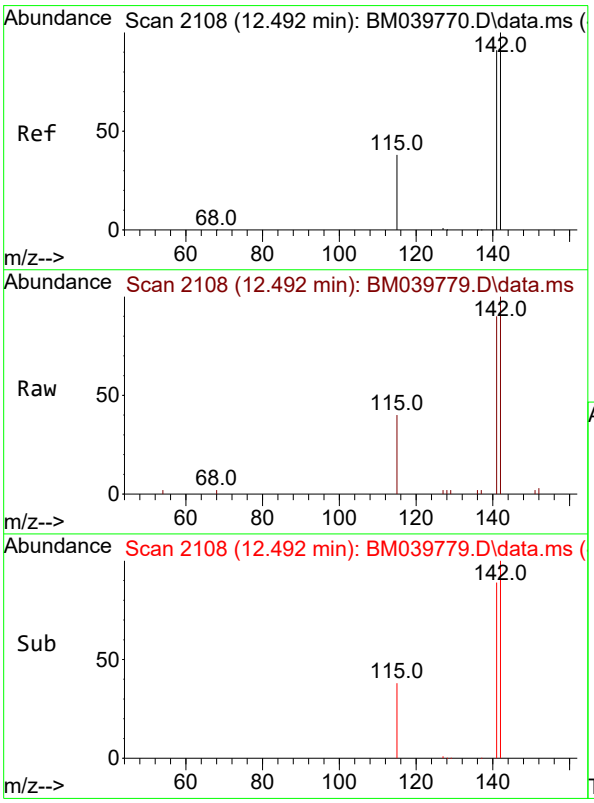
Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Delta R.T. 0.006 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:142 Resp: 7750

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8

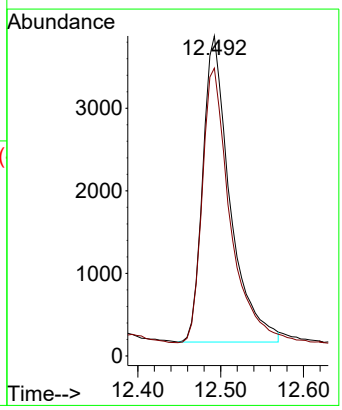


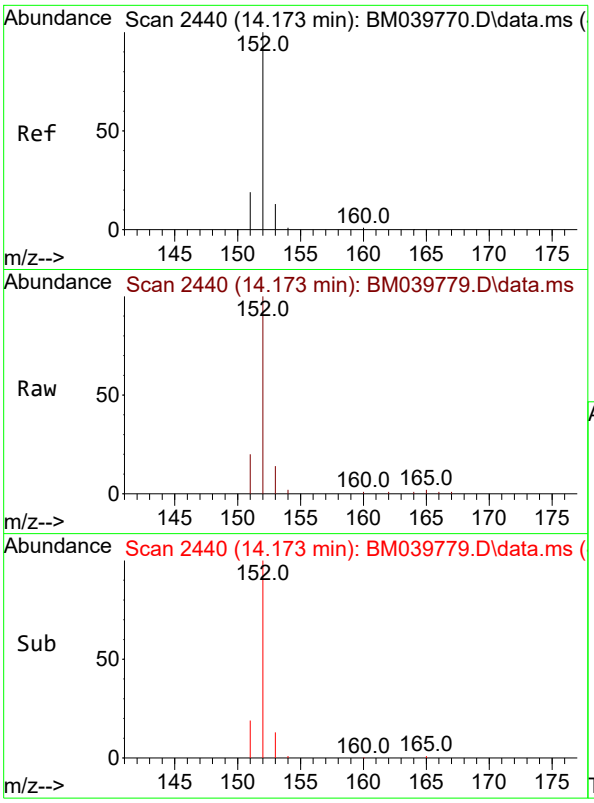


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:142 Resp: 8465

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.2



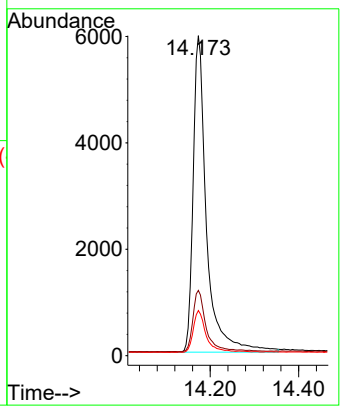


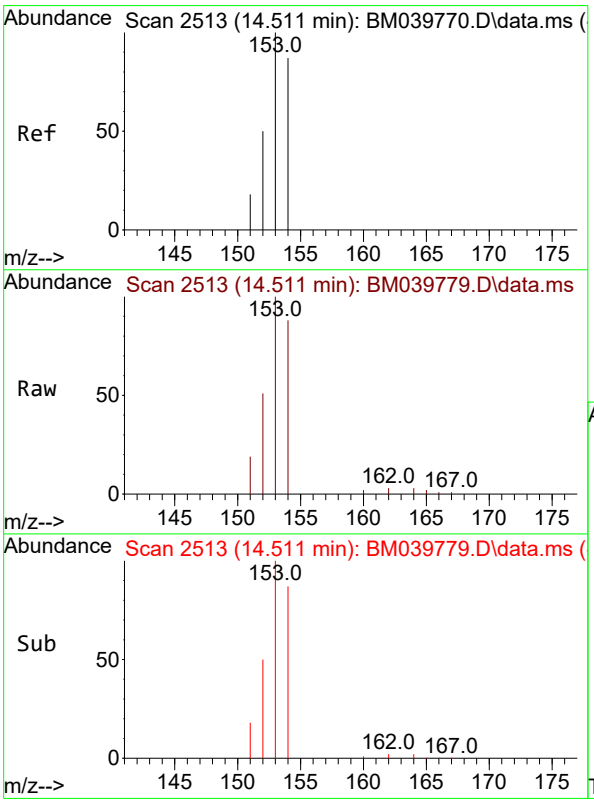
#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.173 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:152 Resp: 12521

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	14.1	11.2	16.8

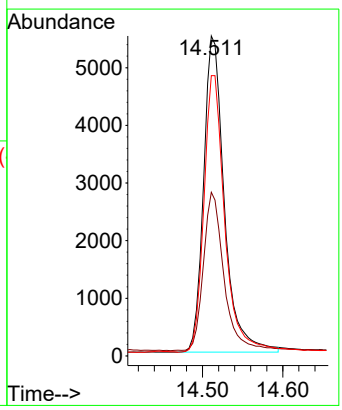


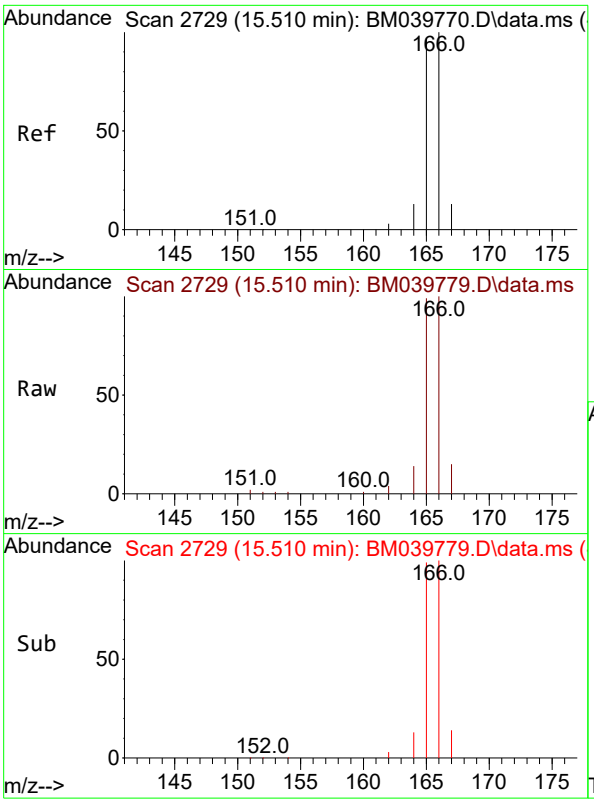


#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:153 Resp: 9842

Ion	Ratio	Lower	Upper
153	100		
152	51.2	40.6	61.0
154	87.6	71.9	107.9



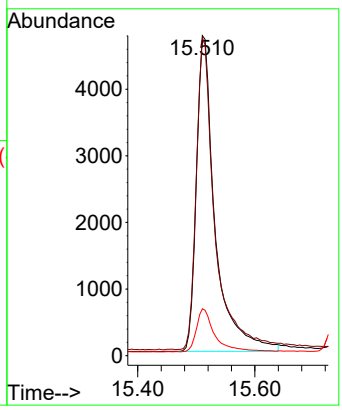


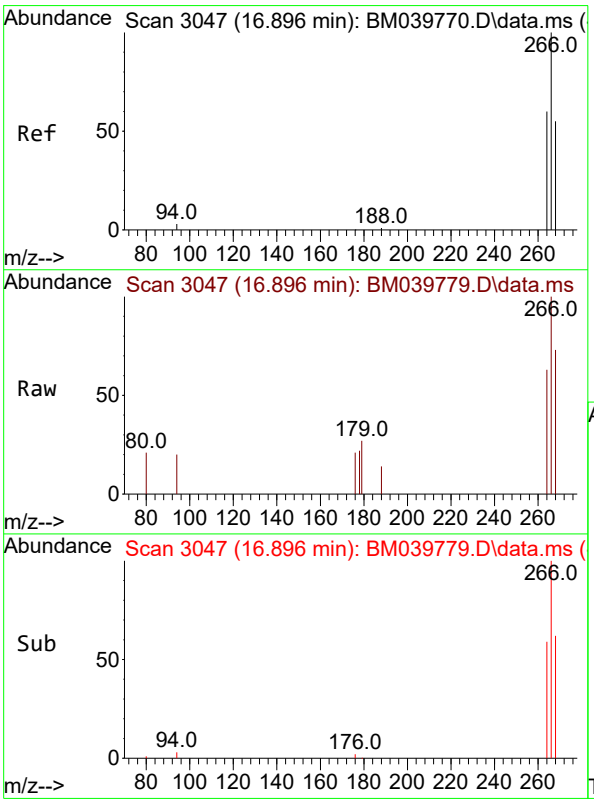
#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:166 Resp: 10554

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	14.7	11.8	17.6

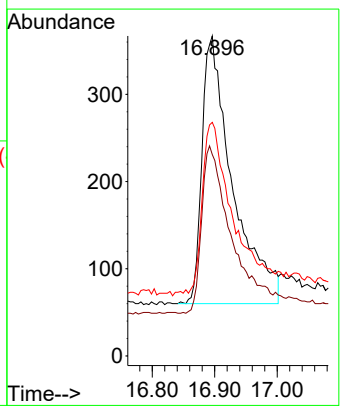


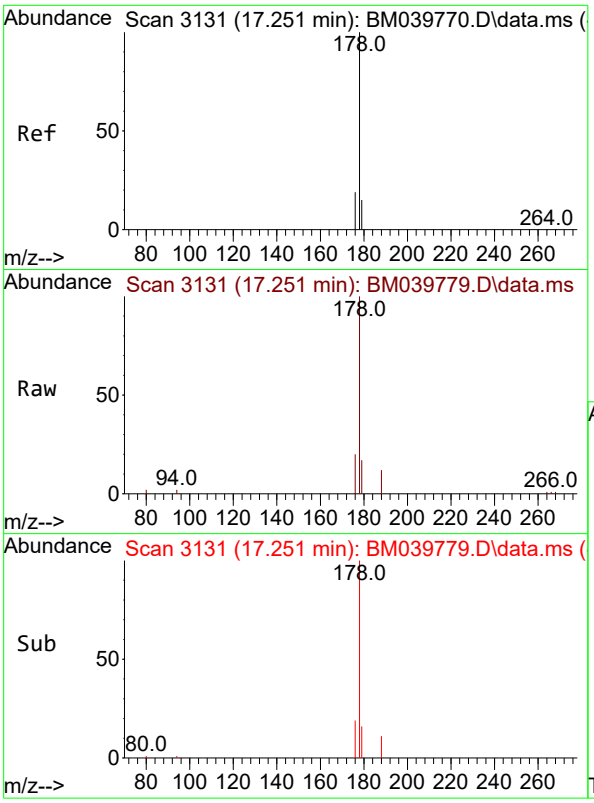


#14
Pentachlorophenol
Concen: 0.325 ng/ul
RT: 16.896 min Scan# 3047
Delta R.T. 0.009 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:266 Resp: 1042

Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.8	73.2
268	64.3	50.4	75.6



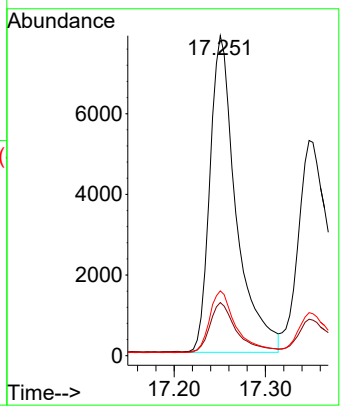


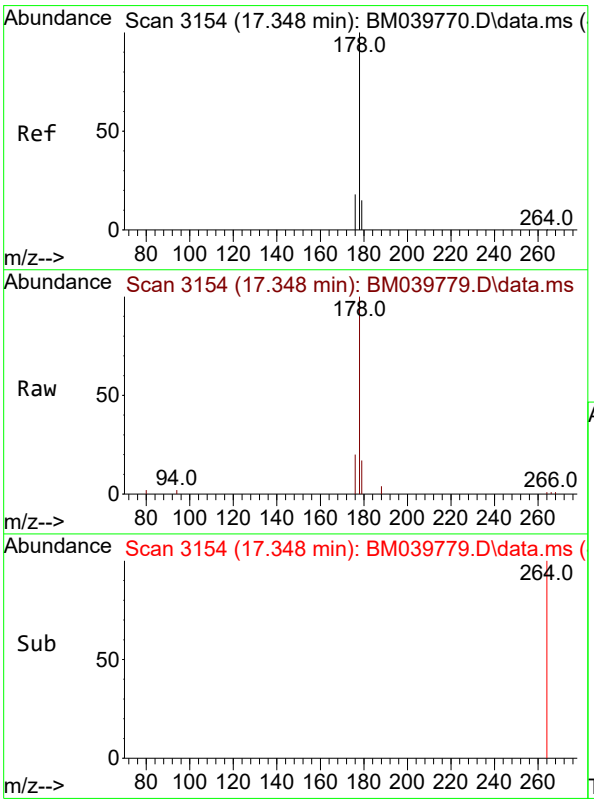
#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:178 Resp: 15666

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.3	15.8	23.8

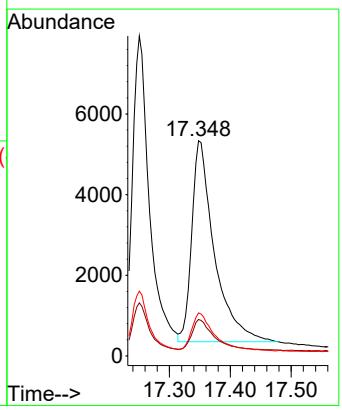


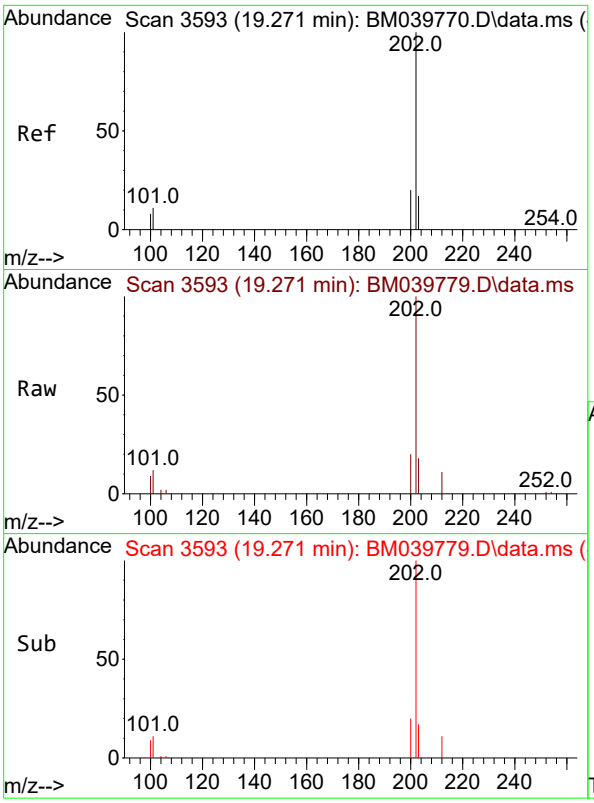


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.348 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:178 Resp: 12852

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.8	20.6
176	20.0	15.8	23.8



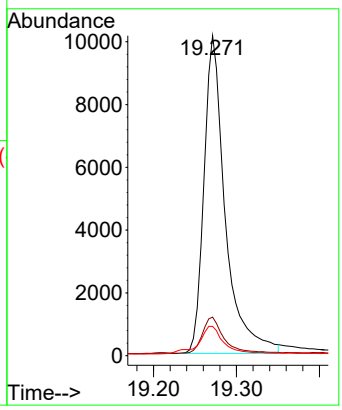


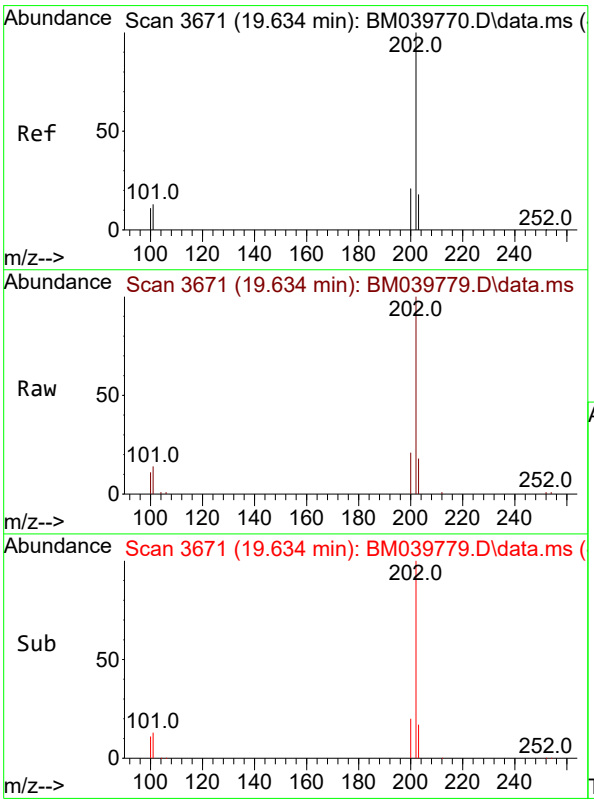
#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.271 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:202 Resp: 18109

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.2	7.3	10.9

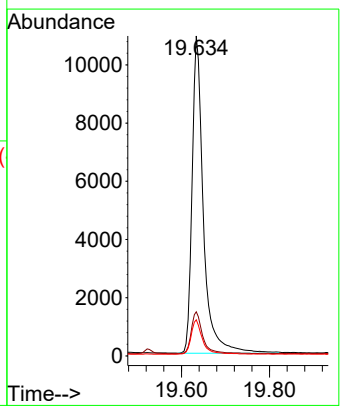


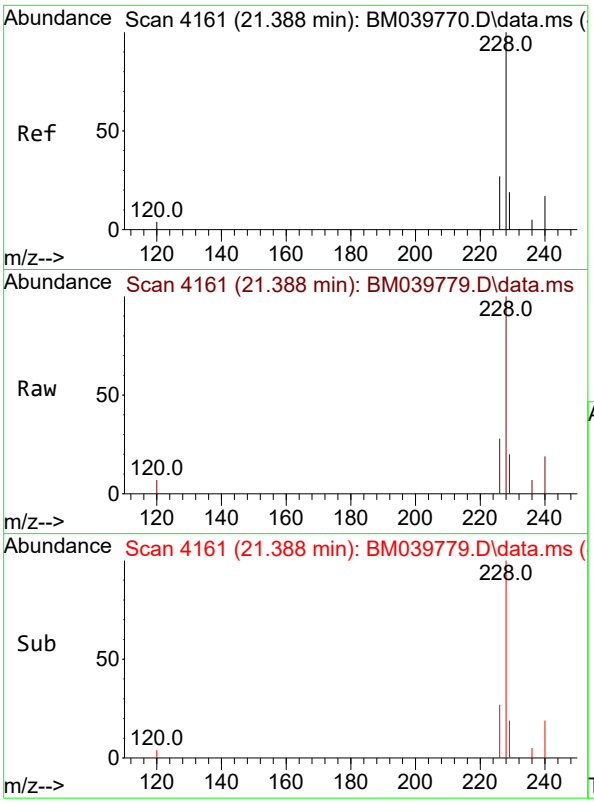


#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:202 Resp: 19517

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.3	8.9	13.3



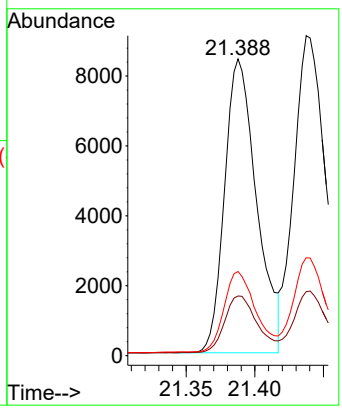


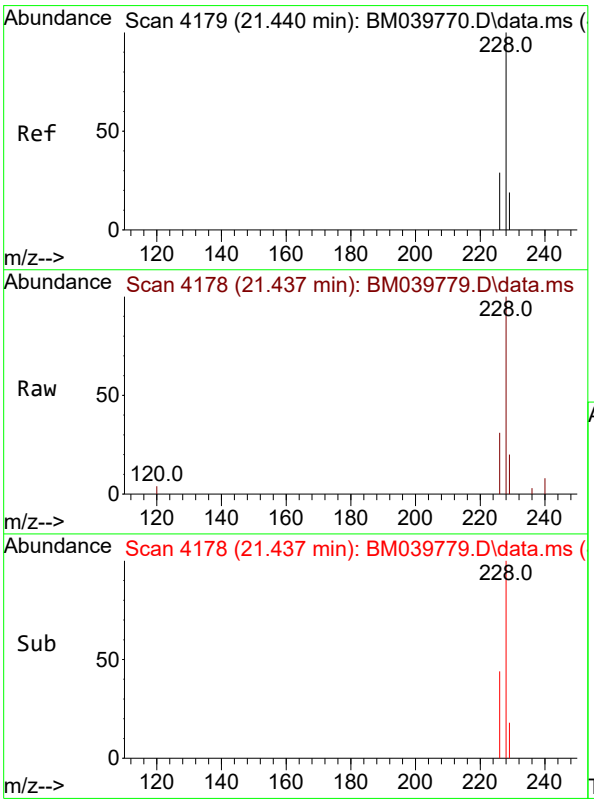
#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.388 min Scan# 4
Delta R.T. 0.004 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:228 Resp: 13680

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	28.3	21.6	32.4

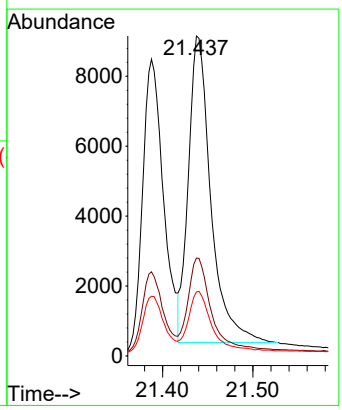


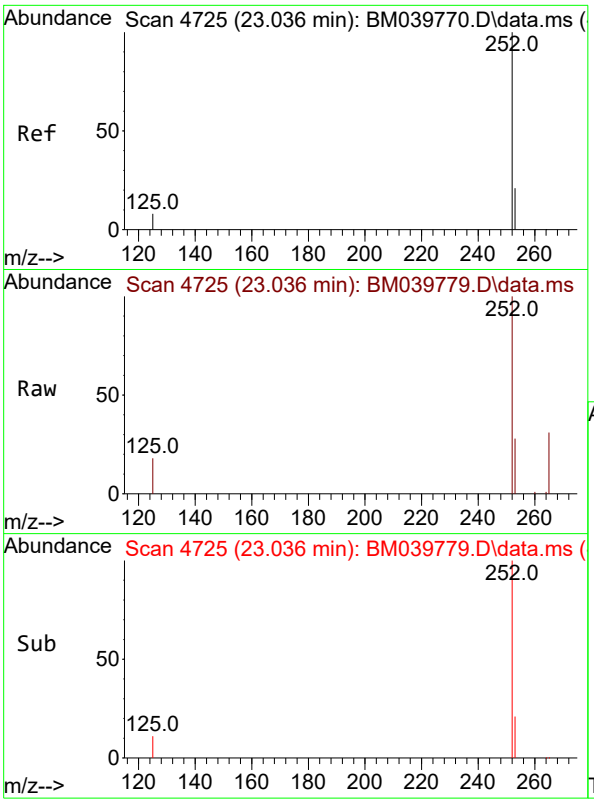


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.437 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:228 Resp: 15176

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.0	15.9	23.9



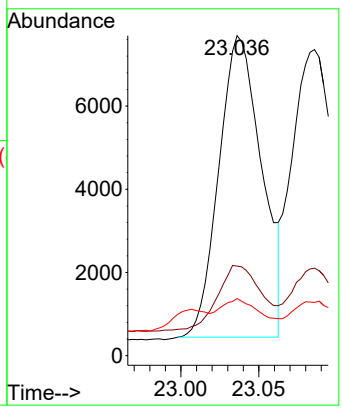


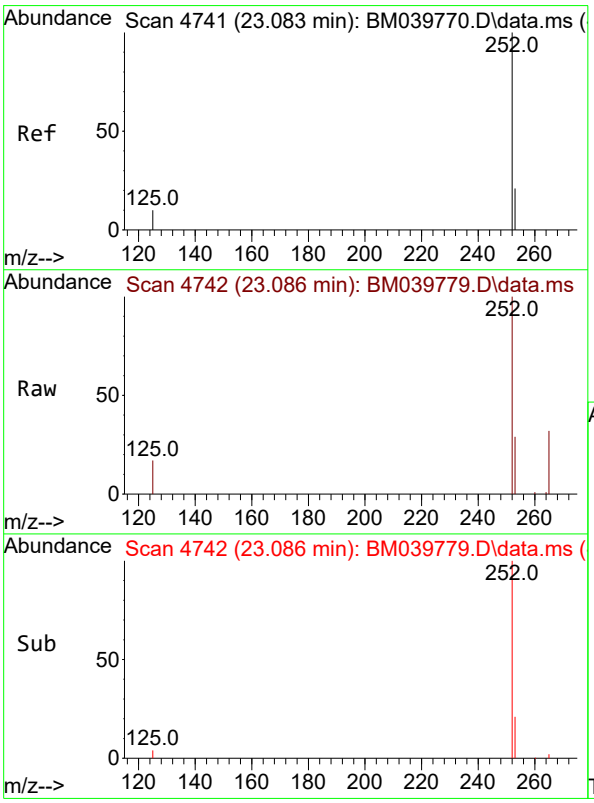
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.036 min Scan# 4
Delta R.T. 0.004 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:252 Resp: 13853

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	52.8
125	17.8	0.0	31.6

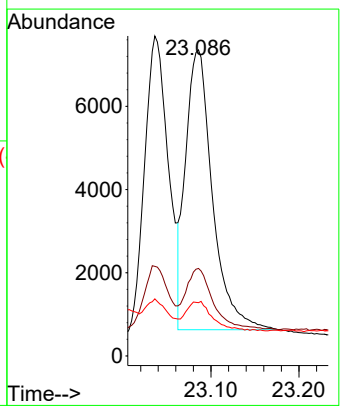


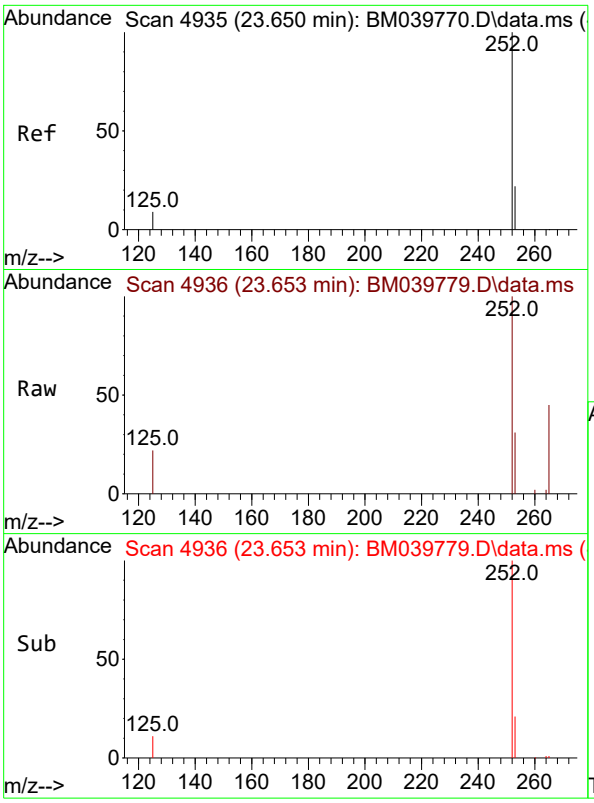


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.086 min Scan# 4742
Delta R.T. 0.007 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:252 Resp: 14273

Ion	Ratio	Lower	Upper
252	100		
253	28.6	21.3	31.9
125	17.4	13.0	19.6



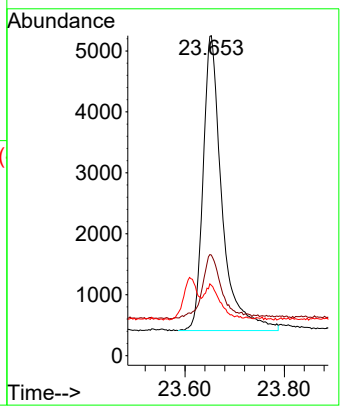


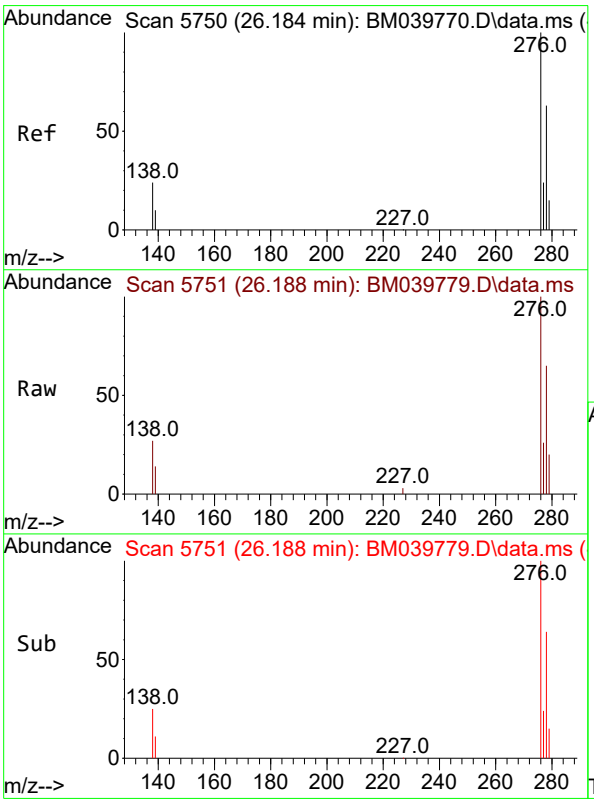
#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.653 min Scan# 4
Delta R.T. 0.010 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:252 Resp: 12769

Ion	Ratio	Lower	Upper
252	100		
253	31.4	24.7	37.1
125	22.0	16.5	24.7

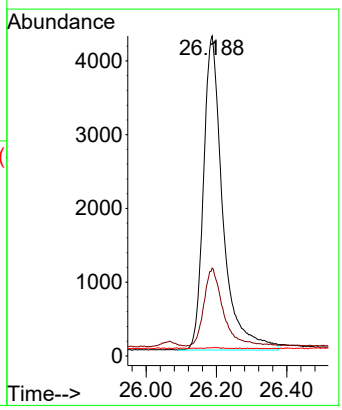


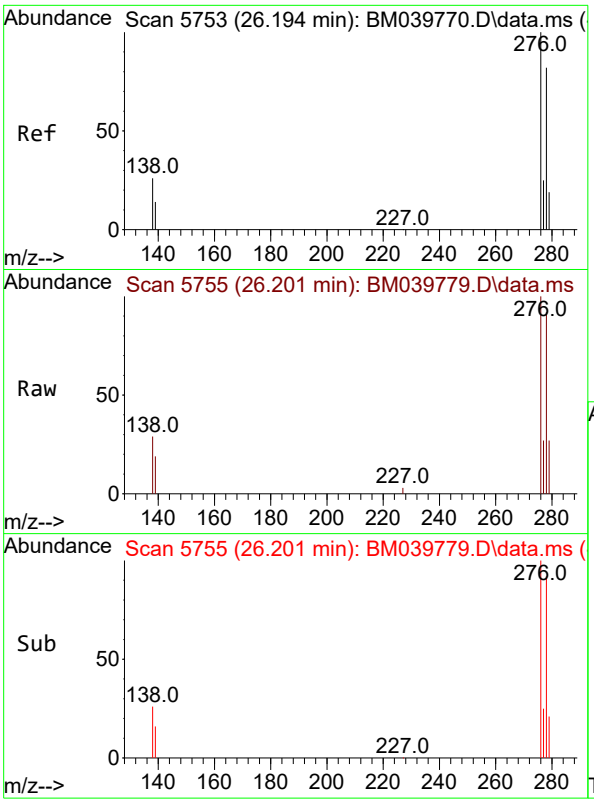


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.188 min Scan# 5751
Delta R.T. 0.009 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:276 Resp: 16213

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.1	31.7
227	0.2	0.1	0.1#



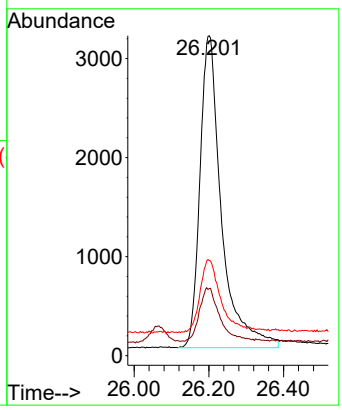


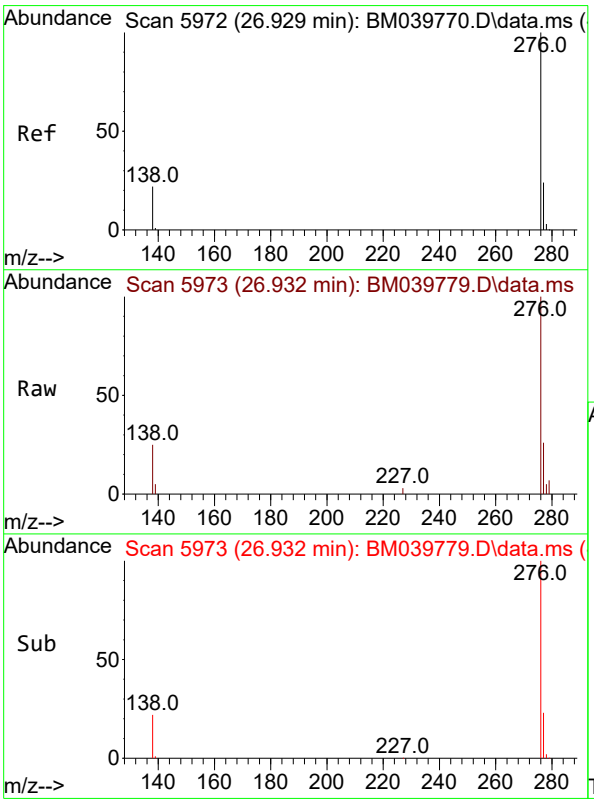
#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.201 min Scan# 5
Delta R.T. 0.012 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.4092

Tgt Ion:278 Resp: 12591

Ion	Ratio	Lower	Upper
278	100		
139	21.0	17.0	25.6
279	29.7	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.932 min Scan# 5973
Delta R.T. 0.012 min
Lab File: BM039779.D
Acq: 01 May 2023 16:08

Tgt Ion:276 Resp: 14076

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.1	30.1
277	25.6	20.1	30.1