Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
Data File : BM038702.D
Acq On : 07 Feb 2023 10:43
Operator : CG/JU
Sample : SSTD0.128
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.1043

Quant Time: Feb 07 13:54:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 13:52:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1931	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	4891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	3649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	7479	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	5735	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	7715	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	199	0.078	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	880	0.116	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	1811	0.111	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	246	0.096	ng/ul#	80
5) Naphthalene	10.768	128	1217	0.077	ng/ul#	87
7) 2-Methylnaphthalene	12.385	142	878	0.105	ng/ul	97
8) 1-Methylnaphthalene	12.599	142	896	0.103	ng/ul	99
10) Acenaphthylene	14.273	152	1603	0.100	ng/ul#	93
11) Acenaphthene	14.611	153	1219	0.099	ng/ul	98
12) Fluorene	15.601	166	1434	0.094	ng/ul#	99
14) Pentachlorophenol	16.961	266	182	0.060	ng/ul	93
15) Phenanthrene	17.333	178	2324	0.096	ng/ul	94
16) Anthracene	17.430	178	2025	0.098	ng/ul	95
19) Fluoranthene	19.348	202	2481	0.121	ng/ul#	94
20) Pyrene	19.710	202	2700	0.123	ng/ul#	95
21) Benzo(a)anthracene	21.451	228	2081	0.102	ng/ul	97
22) Chrysene	21.507	228	2272	0.111	ng/ul	96
24) Benzo(b)fluoranthene	23.123	252	3094	0.107	ng/ul	77
25) Benzo(k)fluoranthene	23.173	252	3062	0.109	ng/ul#	76
26) Benzo(a)pyrene	23.746	252	2581	0.099	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.327	276	4000	0.109	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.340	278	3079	0.106	ng/ul#	76
29) Benzo(g,h,i)perylene	27.095	276	3636	0.114	ng/ul#	90

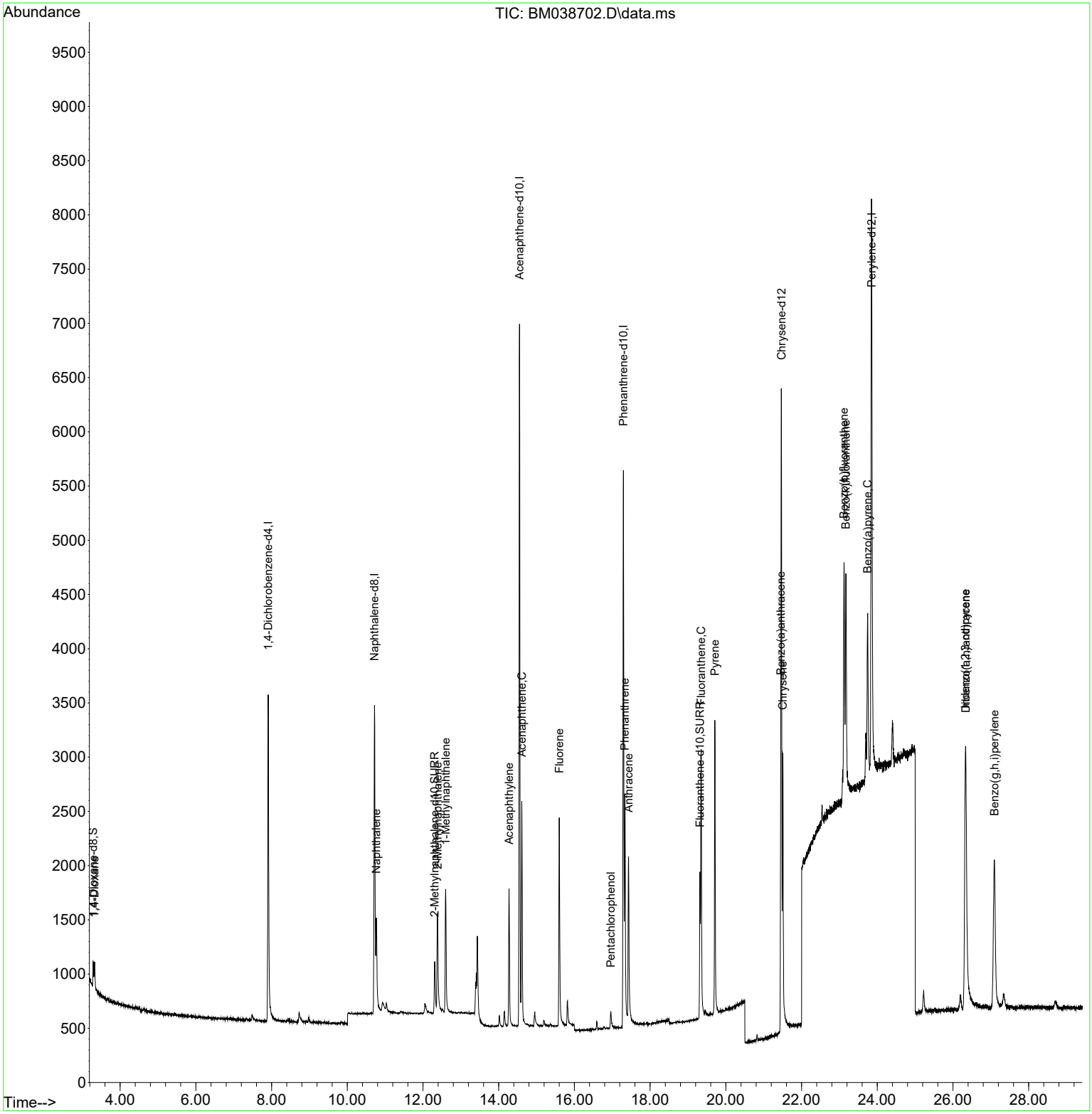
(#) = qualifier out of range (m) = manual integration (+) = signals summed

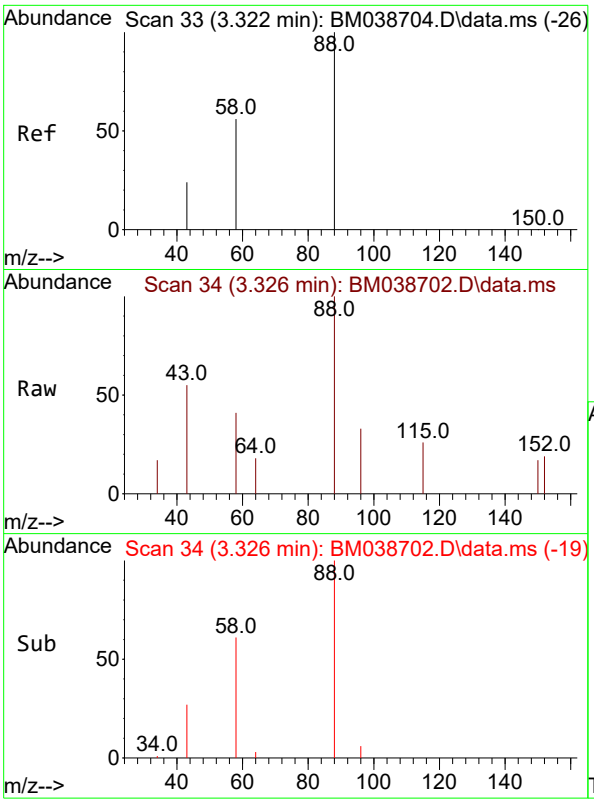
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
Data File : BM038702.D
Acq On : 07 Feb 2023 10:43
Operator : CG/JU
Sample : SSTD0.128
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Quant Time: Feb 07 13:54:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 13:52:00 2023
Response via : Initial Calibration



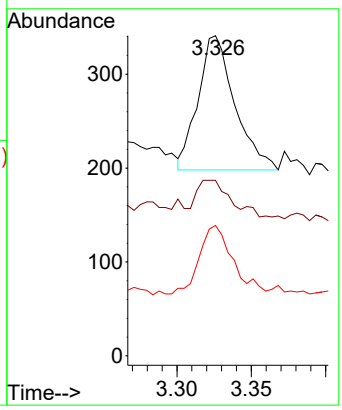


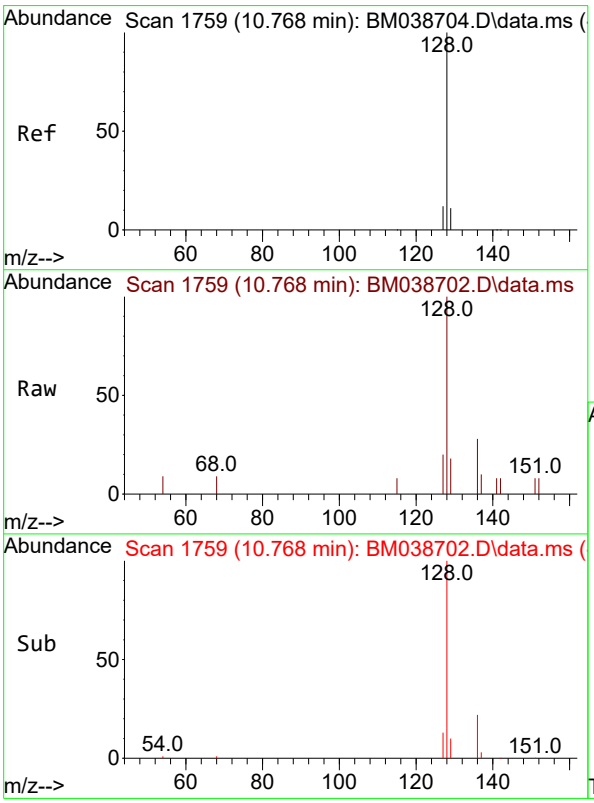
#2
1,4-Dioxane
Concen: 0.096 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. 0.004 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion: 88 Resp: 246

Ion	Ratio	Lower	Upper
88	100		
43	54.8	28.4	42.6#
58	40.8	37.7	56.5

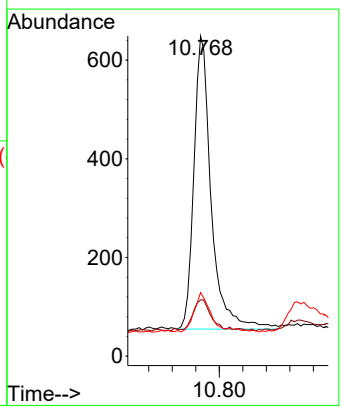


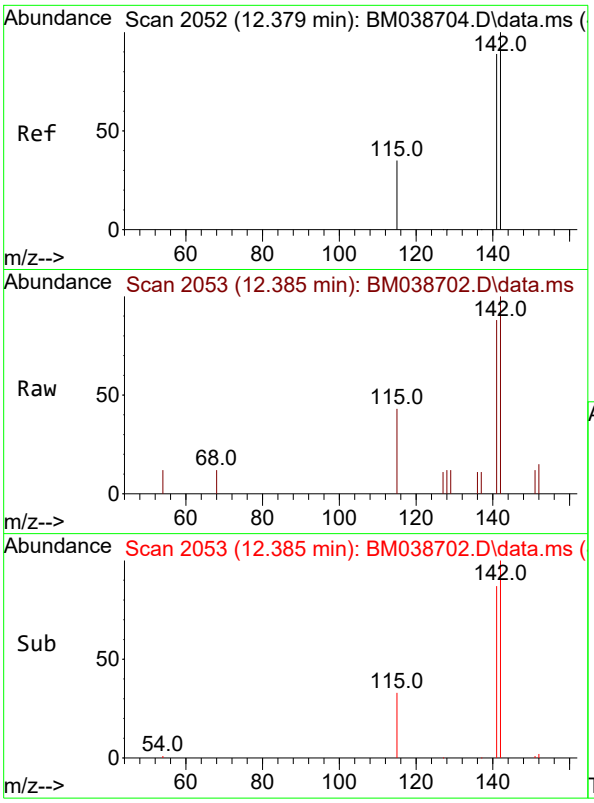


#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:128 Resp: 1217

Ion	Ratio	Lower	Upper
128	100		
129	17.6	10.2	15.4#
127	19.9	11.2	16.8#



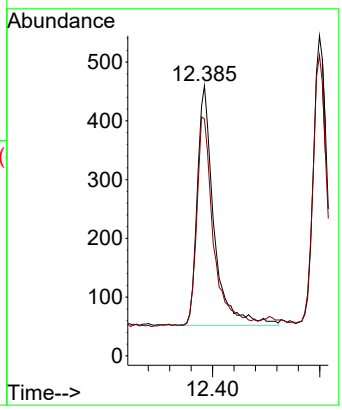


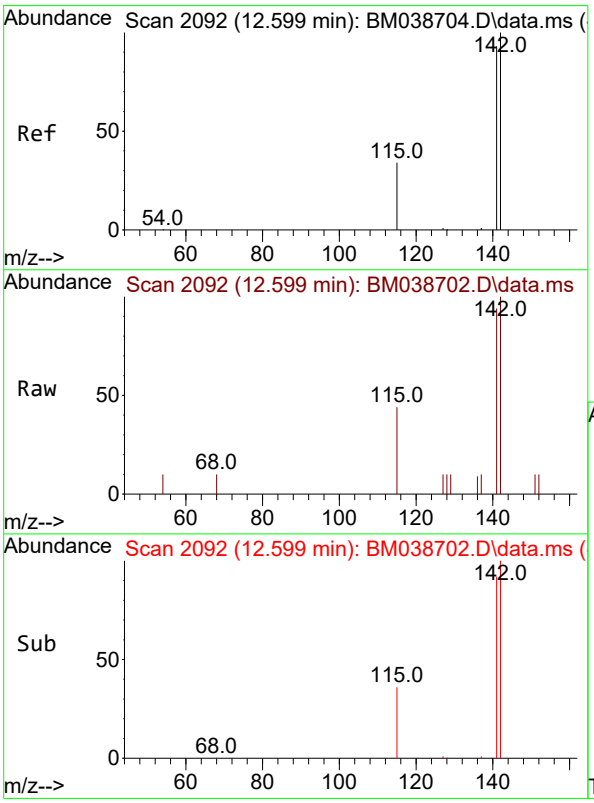
#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.385 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:142 Resp: 878

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.9	106.3

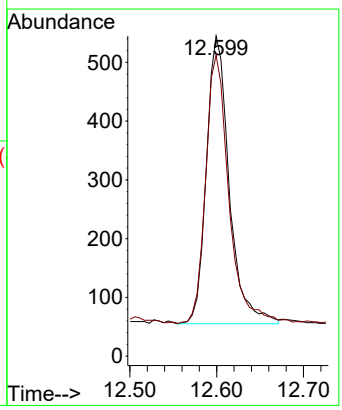


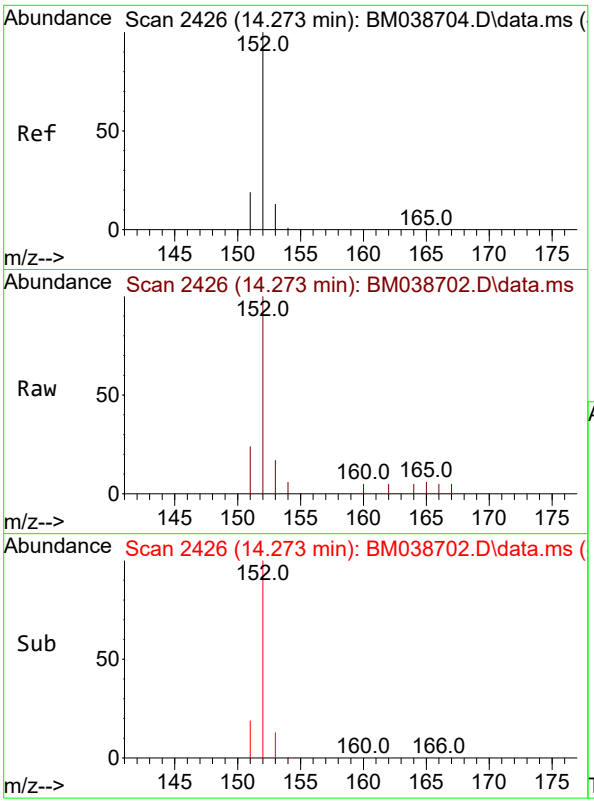


#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:142 Resp: 896

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.6	112.0



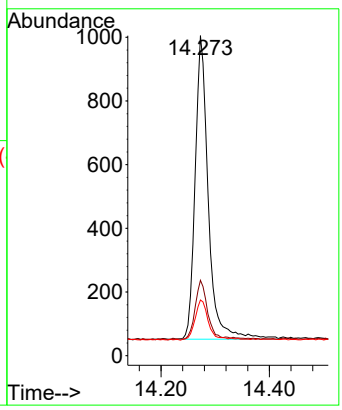


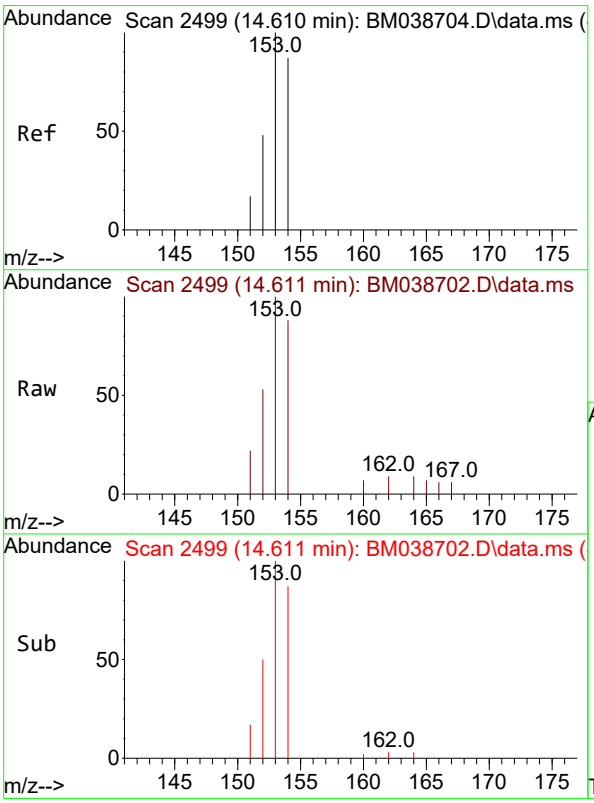
#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.273 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:152 Resp: 1603

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.5	24.7
153	17.4	11.2	16.8#

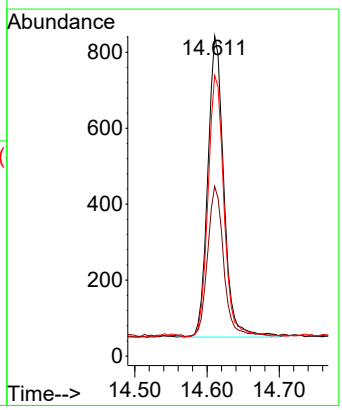


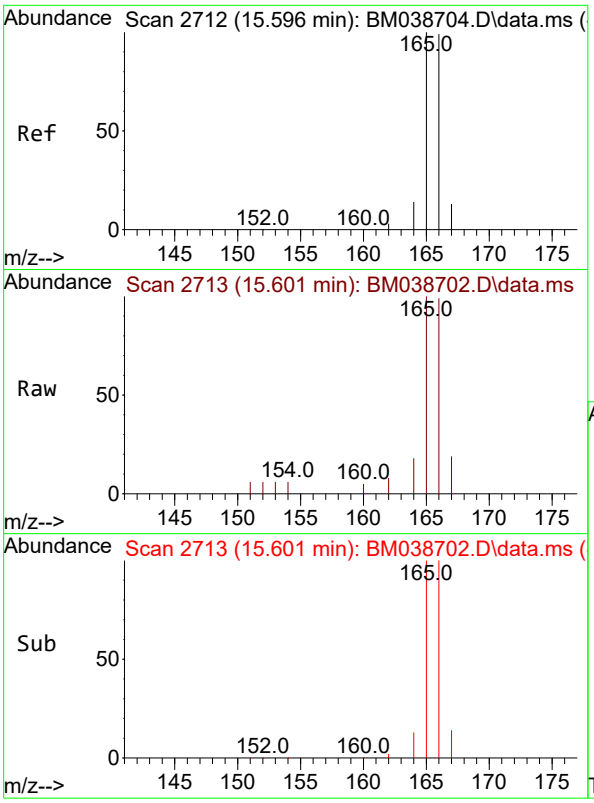


#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:153 Resp: 1219

Ion	Ratio	Lower	Upper
153	100		
152	53.0	39.6	59.4
154	87.7	69.6	104.4



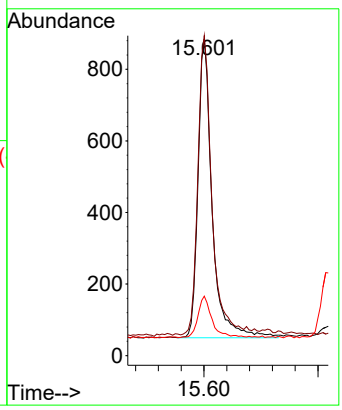


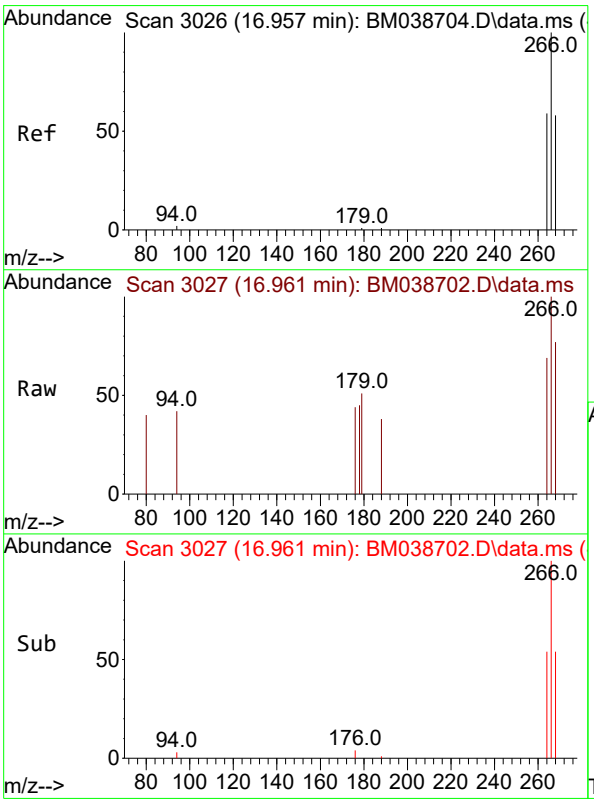
#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.601 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:166 Resp: 1434

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.7	121.1
167	18.8	11.8	17.6#

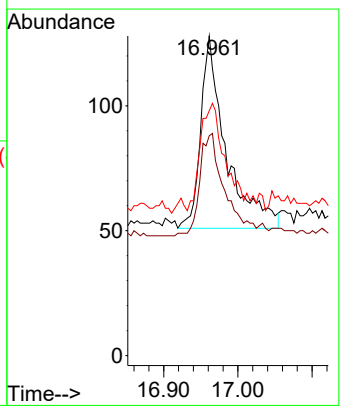


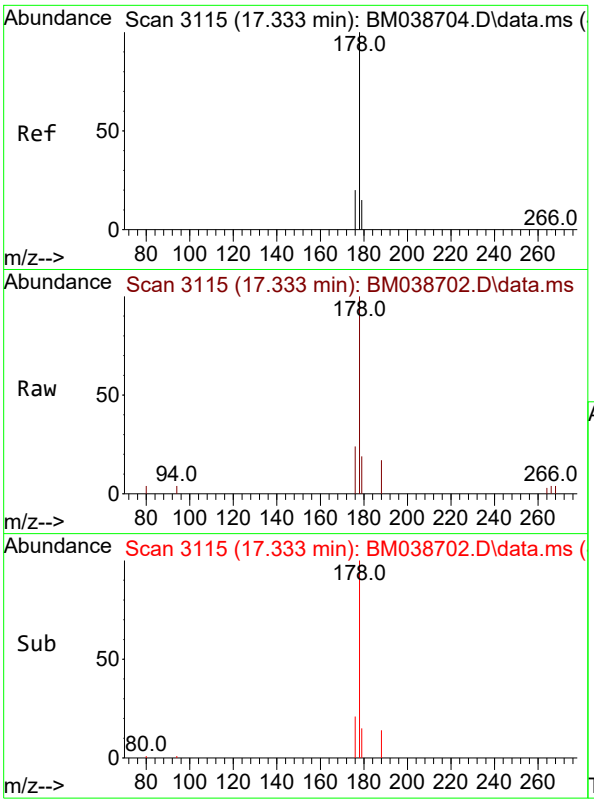


#14
Pentachlorophenol
Concen: 0.060 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. 0.004 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
264	53.8	47.3	70.9
268	57.7	50.9	76.3



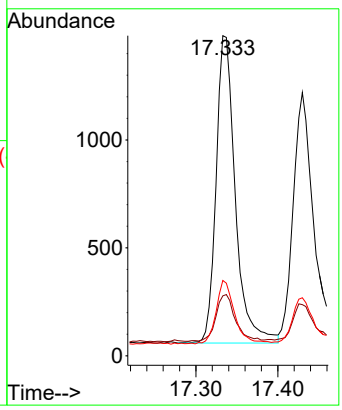


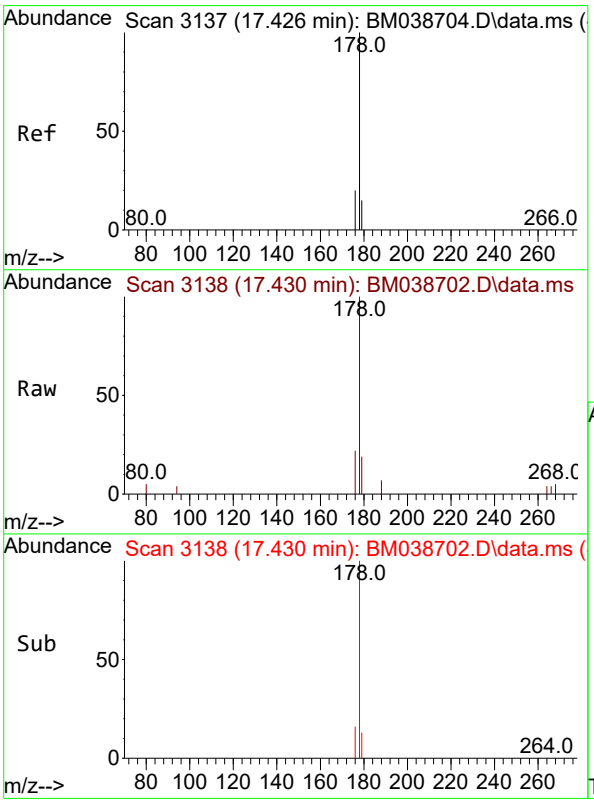
#15
Phenanthrene
Concen: 0.096 ng/ul
RT: 17.333 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:178 Resp: 2324

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	23.5	16.5	24.7

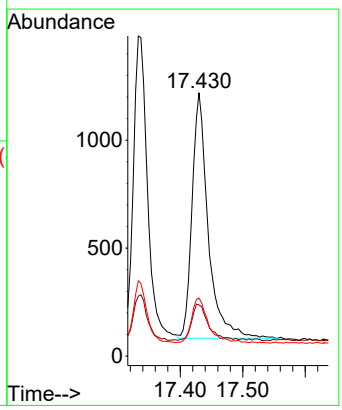


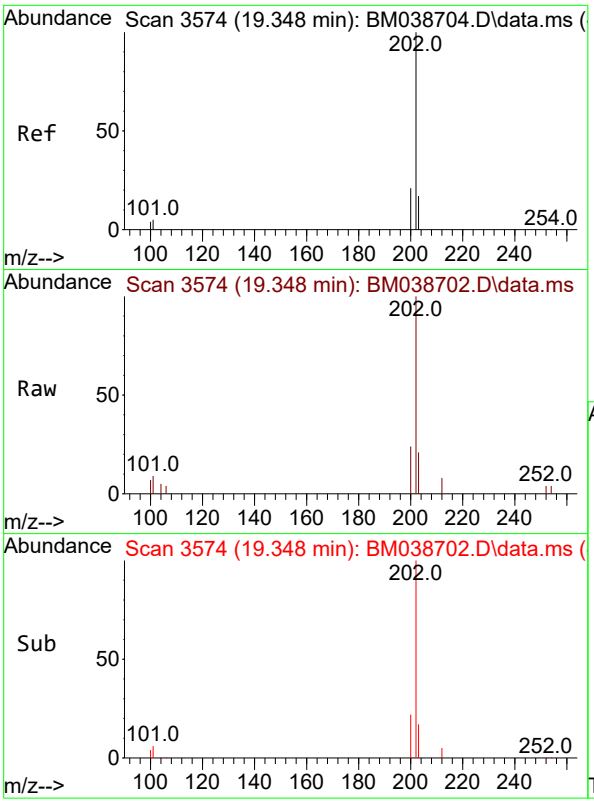


#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:178 Resp: 2025

Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.2	19.8
176	22.0	16.6	24.8



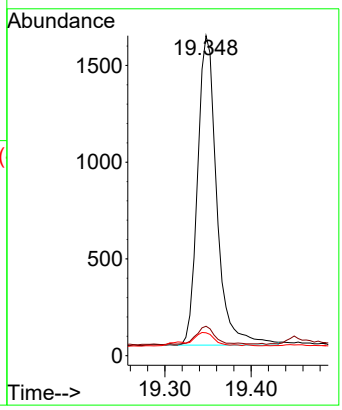


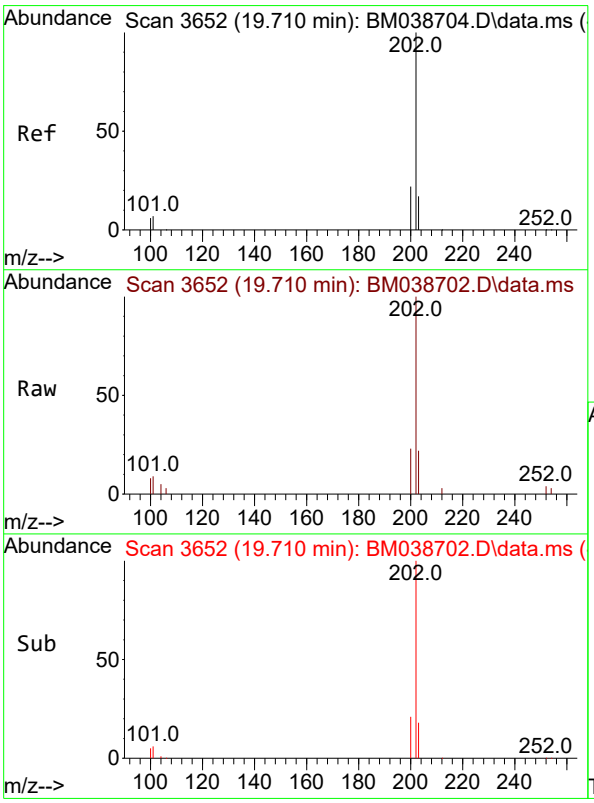
#19
Fluoranthene
Concen: 0.121 ng/ul
RT: 19.348 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:202 Resp: 2481

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.0	7.6#
100	7.1	4.6	6.8#

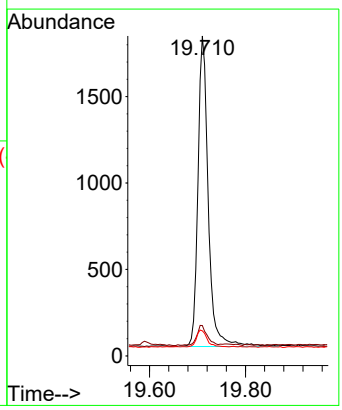


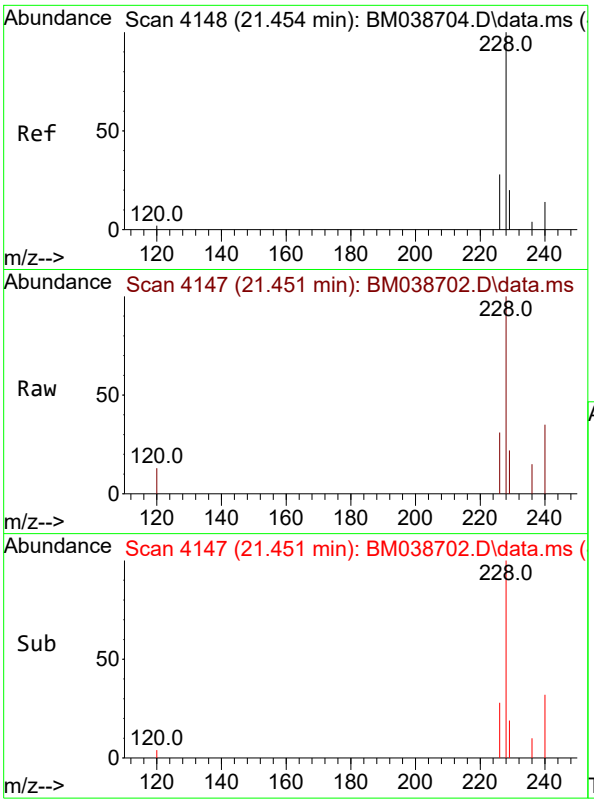


#20
Pyrene
Concen: 0.123 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:202 Resp: 2700

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.2	9.2#
100	7.8	5.2	7.8#



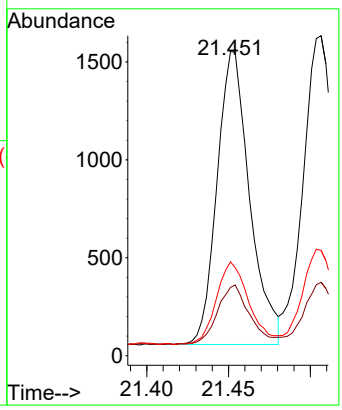


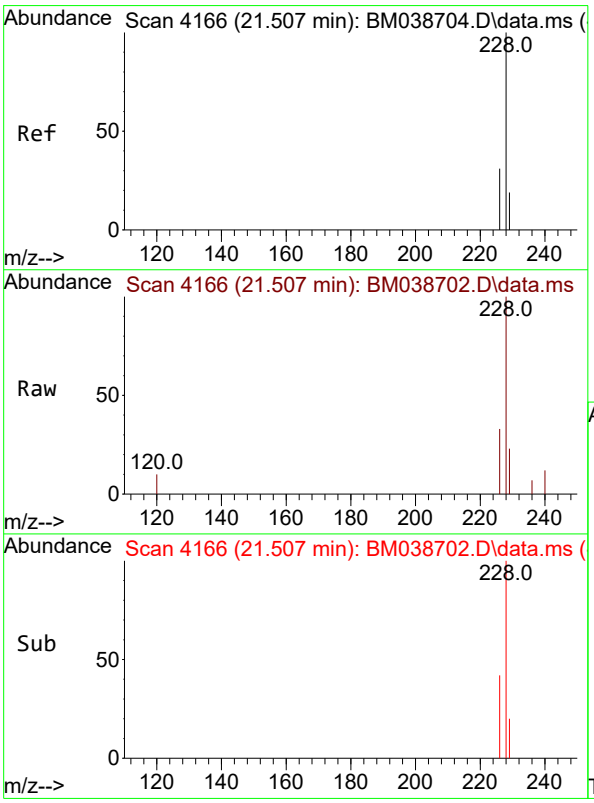
#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.451 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:228 Resp: 2081

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.6
226	30.8	23.0	34.6

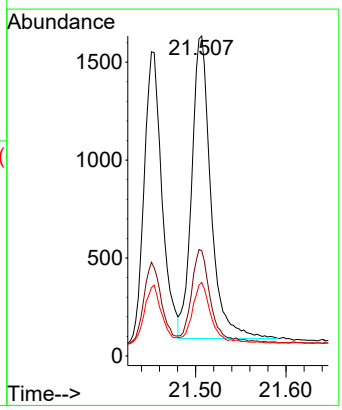


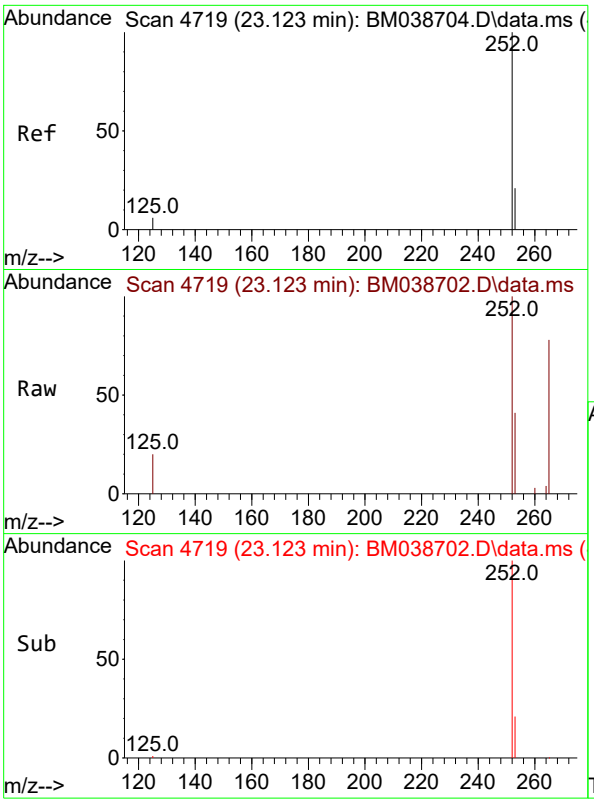


#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:228 Resp: 2272

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	22.9	16.0	24.0



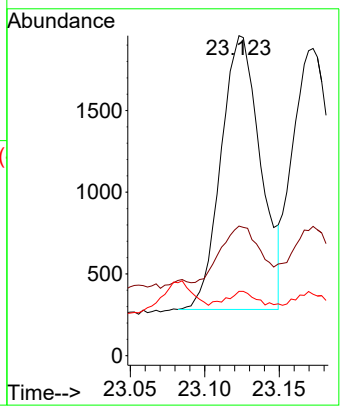


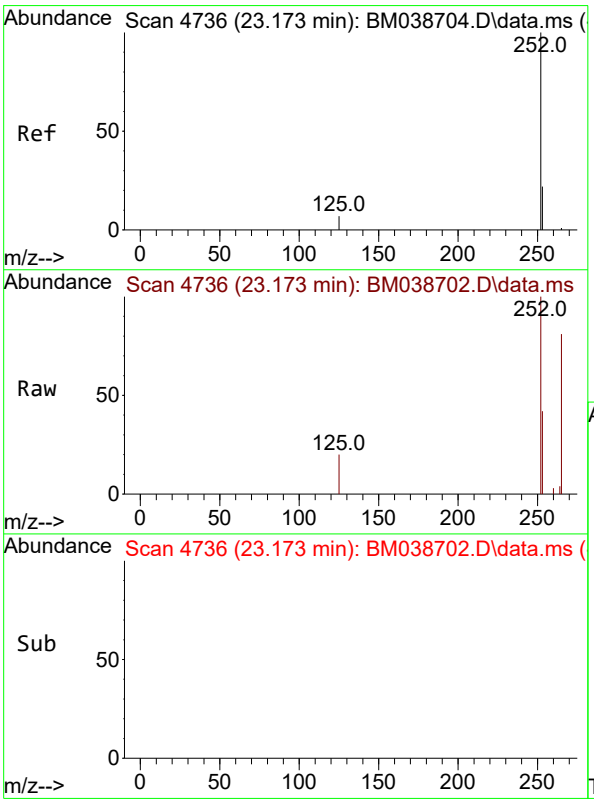
#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 23.123 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:252 Resp: 3094

Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	56.4
125	20.1	0.0	22.8

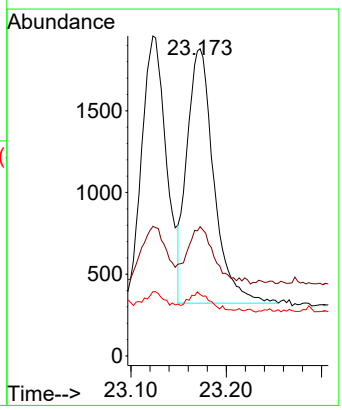


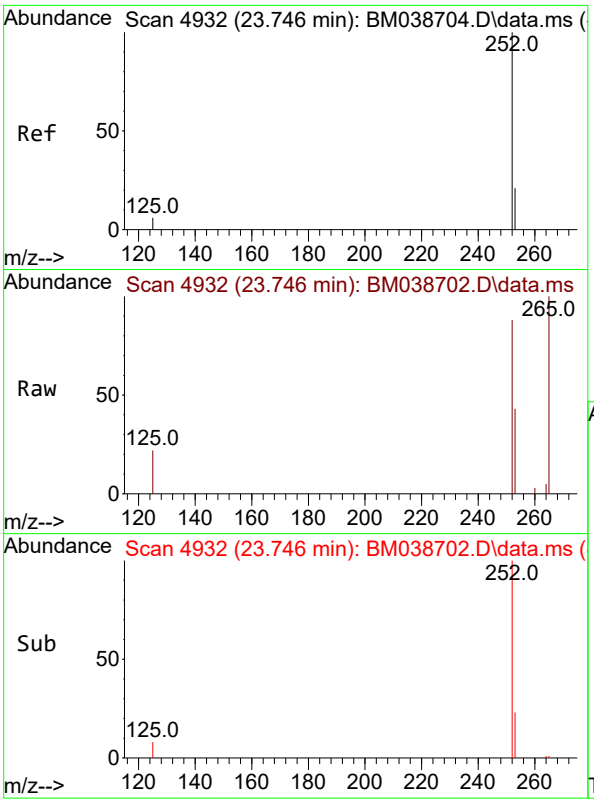


#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:252 Resp: 3062

Ion	Ratio	Lower	Upper
252	100		
253	42.1	23.0	34.6#
125	20.0	9.4	14.0#



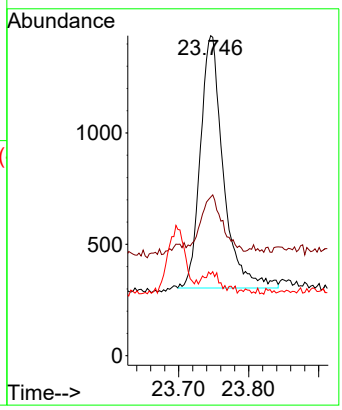


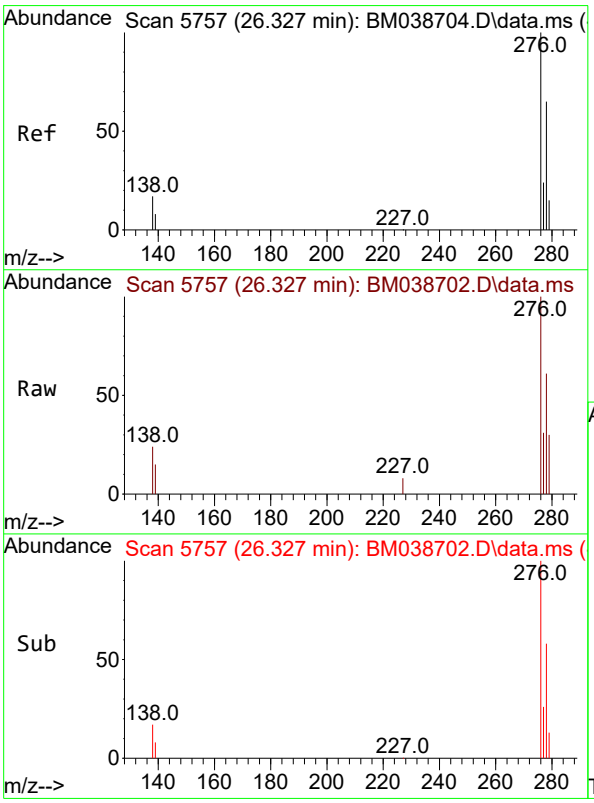
#26
Benzo(a)pyrene
Concen: 0.099 ng/ul
RT: 23.746 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:252 Resp: 2581

Ion	Ratio	Lower	Upper
252	100		
253	49.5	25.2	37.8#
125	25.5	11.4	17.0#

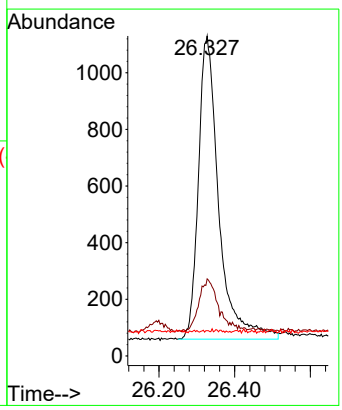


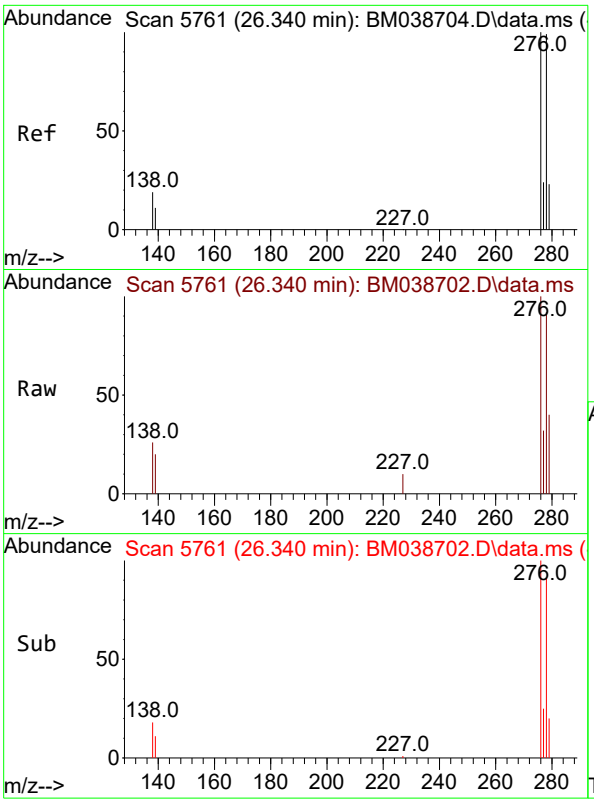


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:276 Resp: 4000

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.5	20.3
227	0.1	0.2	0.2#



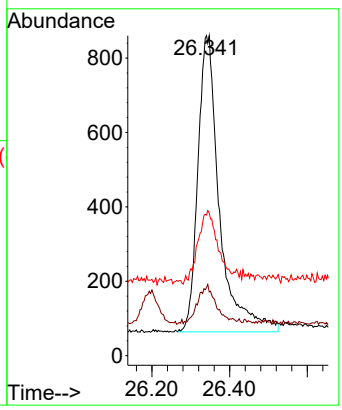


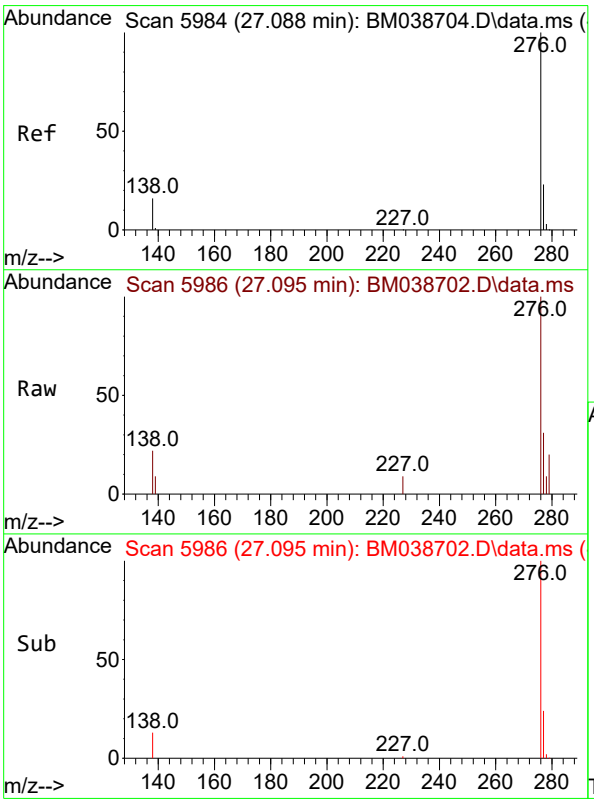
#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.340 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:278 Resp: 3079

Ion	Ratio	Lower	Upper
278	100		
139	21.3	11.2	16.8#
279	44.0	23.8	35.8#





#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. 0.007 min
Lab File: BM038702.D
Acq: 07 Feb 2023 10:43

Tgt Ion:276 Resp: 3636

Ion	Ratio	Lower	Upper
276	100		
138	21.6	14.5	21.7
277	31.1	20.5	30.7#