Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110623\
Data File : BM042602.D
Acq On : 06 Nov 2023 22:55
Operator : MA/JU
Sample : SSTD0.863
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Nov 07 02:09:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:04:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	1282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	3043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	1815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	3900	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	2915	0.400	ng/ul	0.00
23) Perylene-d12	23.842	264	3491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	1227	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	3433	0.882	ng/ul	0.00
18) Fluoranthene-d10	19.296	212	8110	0.648	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.242	88	1562	0.725	ng/ul#	77
5) Naphthalene	10.729	128	7947	0.811	ng/ul	96
7) 2-Methylnaphthalene	12.346	142	5151	0.862	ng/ul	95
8) 1-Methylnaphthalene	12.561	142	5195	0.870	ng/ul	100
10) Acenaphthylene	14.245	152	9874	0.879	ng/ul	99
11) Acenaphthene	14.583	153	6787	0.766	ng/ul	99
12) Fluorene	15.568	166	7865	0.801	ng/ul	99
14) Pentachlorophenol	16.911	266	1552	0.949	ng/ul	97
15) Phenanthrene	17.316	178	12049	0.738	ng/ul	97
16) Anthracene	17.409	178	11184	0.779	ng/ul	97
19) Fluoranthene	19.329	202	14622	0.504	ng/ul	99
20) Pyrene	19.696	202	15802	0.525	ng/ul	98
21) Benzo(a)anthracene	21.436	228	10671	0.534	ng/ul	98
22) Chrysene	21.492	228	11019	0.518	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	11557	0.455	ng/ul	89
25) Benzo(k)fluoranthene	23.149	252	12423	0.478	ng/ul#	89
26) Benzo(a)pyrene	23.734	252	12216	0.590	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.327	276	15430	0.572	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.347	278	11043	0.567	ng/ul#	87
29) Benzo(g,h,i)perylene	27.105	276	14128	0.612	ng/ul	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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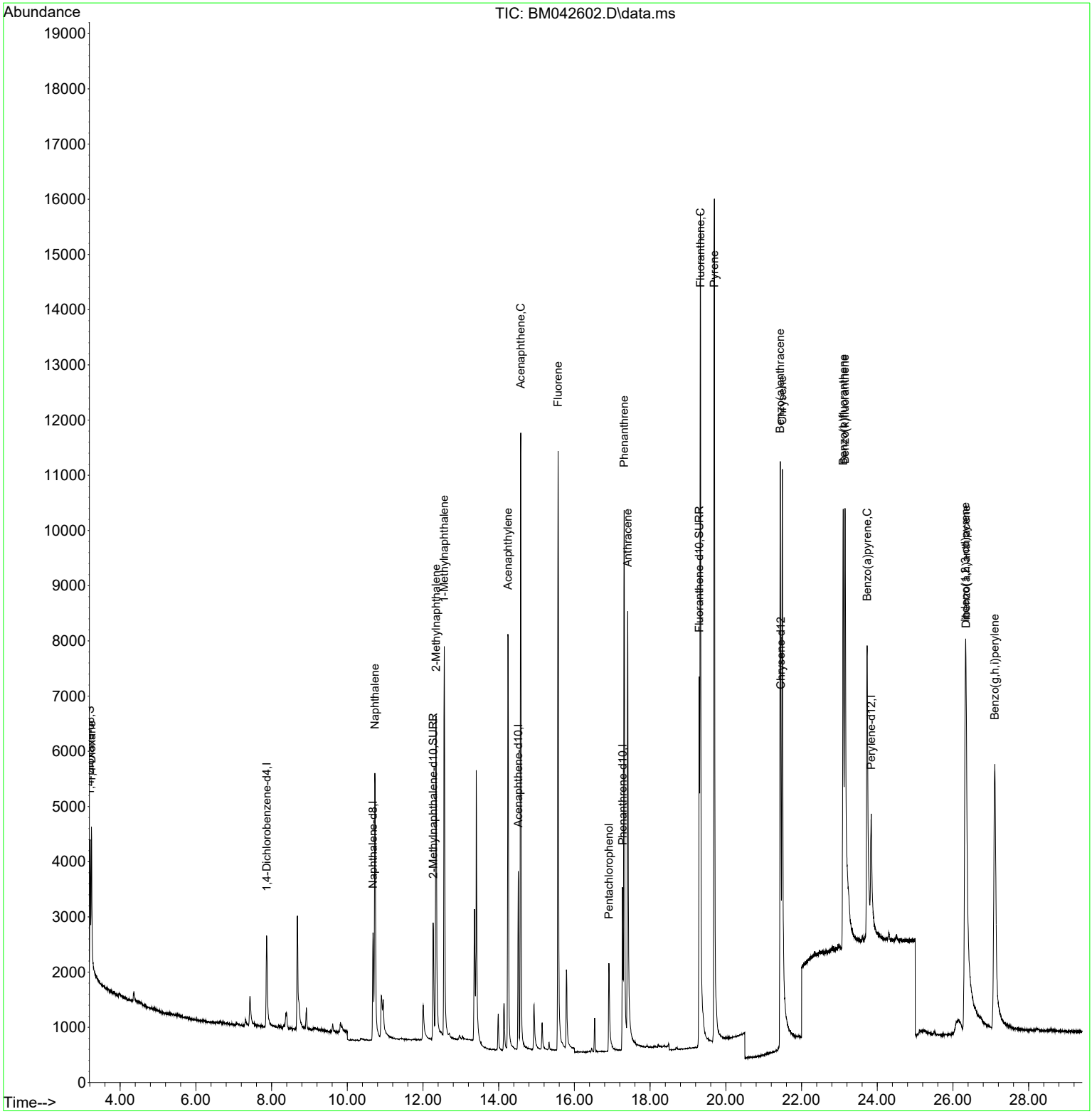
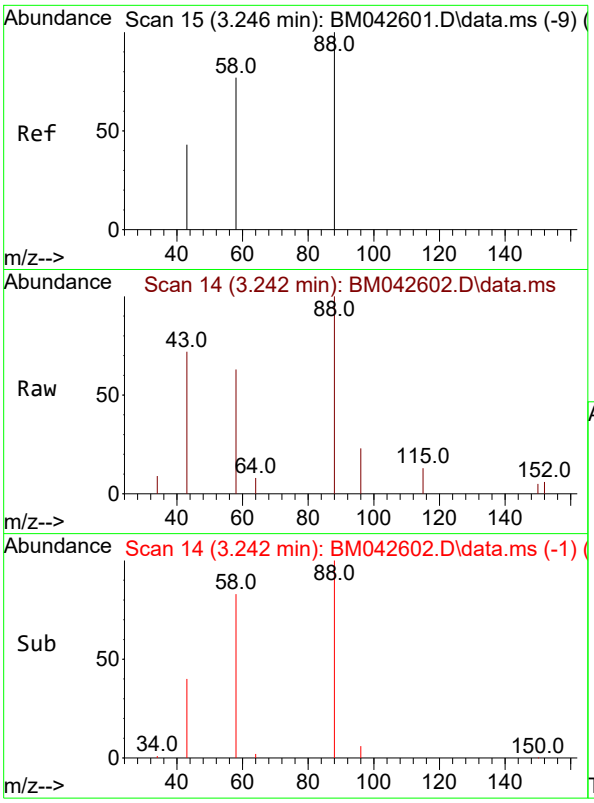


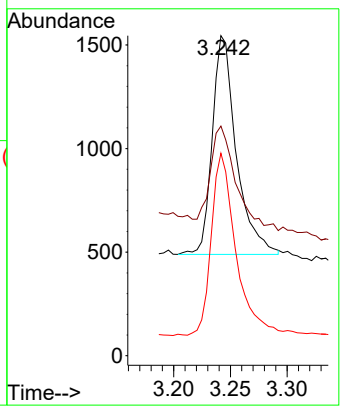


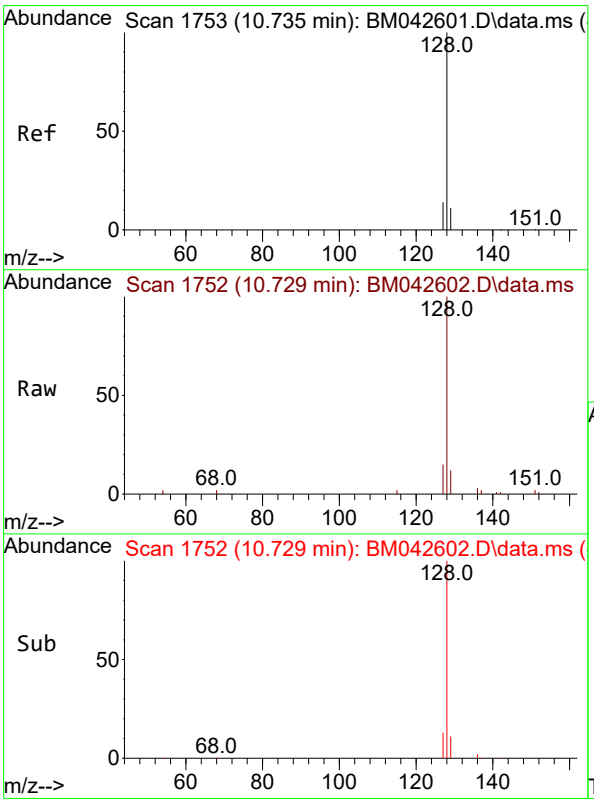
#2
1,4-Dioxane
Concen: 0.725 ng/ul
RT: 3.242 min Scan# 14
Delta R.T. -0.004 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion: 88 Resp: 1562

Ion	Ratio	Lower	Upper
88	100		
43	71.8	77.5	116.3#
58	63.2	40.9	61.3#

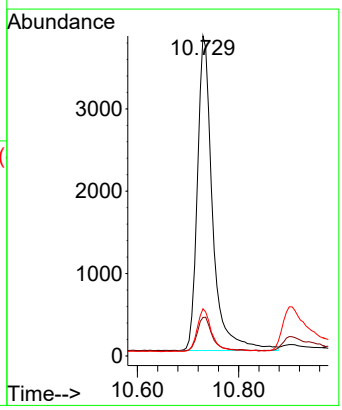


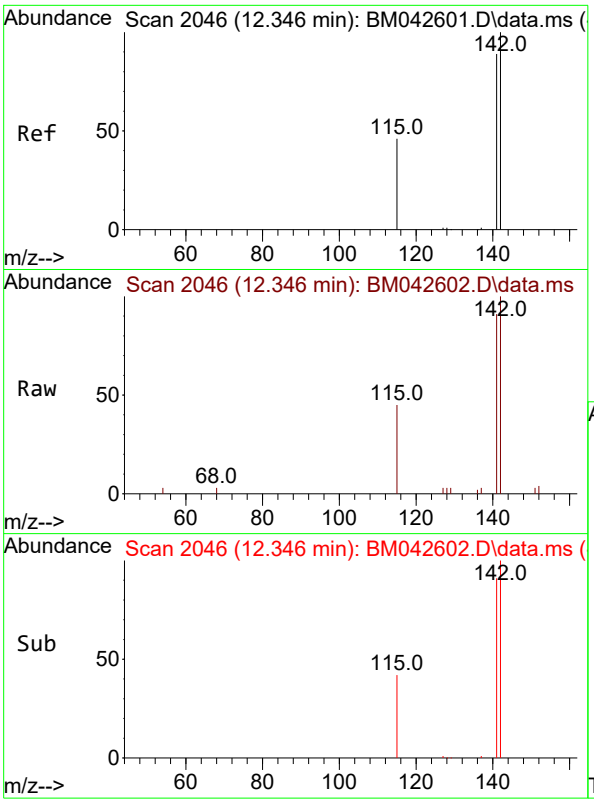


#5
Naphthalene
Concen: 0.811 ng/ul
RT: 10.729 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:128 Resp: 7947

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	14.7	13.0	19.4



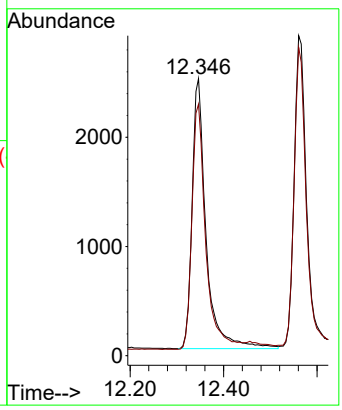


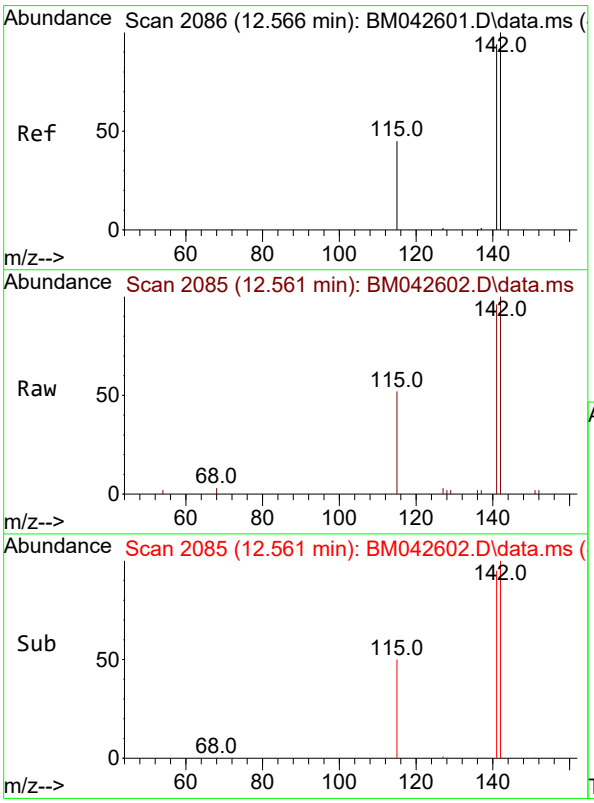
#7
2-Methylnaphthalene
Concen: 0.862 ng/ul
RT: 12.346 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:142 Resp: 5151

Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.7	107.5

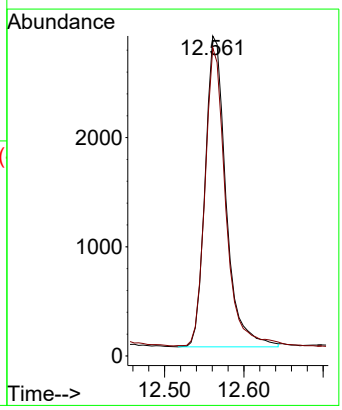


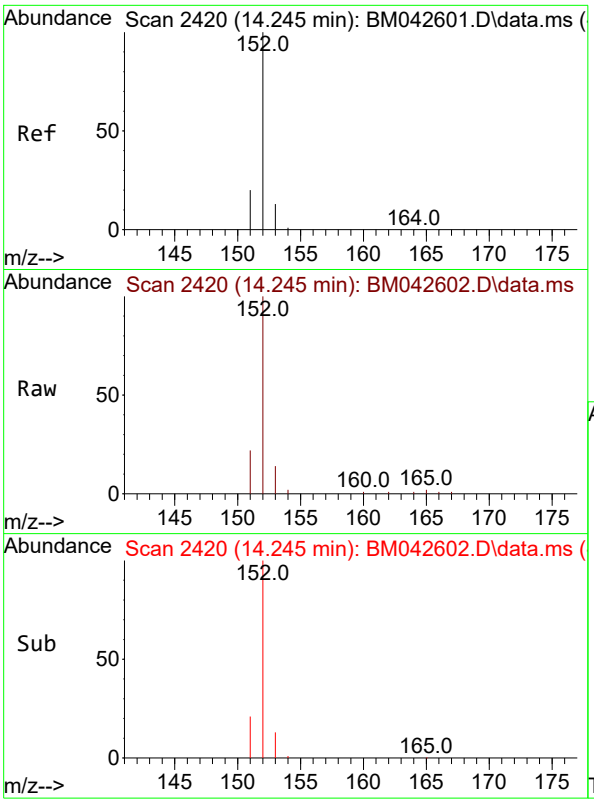


#8
1-Methylnaphthalene
Concen: 0.870 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:142 Resp: 5195

Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.4	113.2



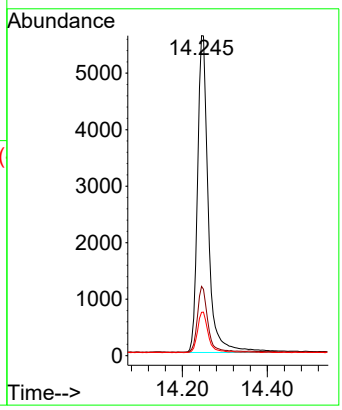


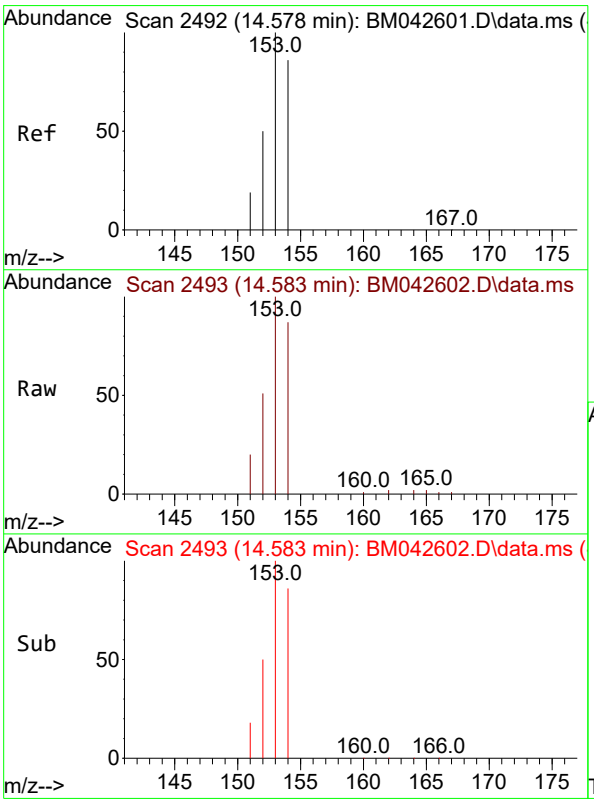
#10
Acenaphthylene
Concen: 0.879 ng/ul
RT: 14.245 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:152 Resp: 9874

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.5	11.8	17.8

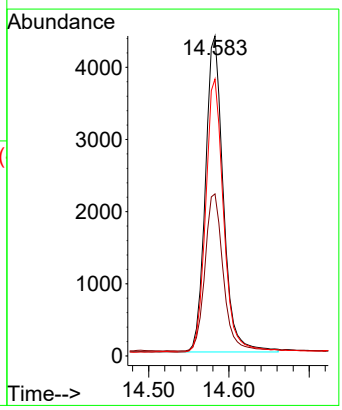


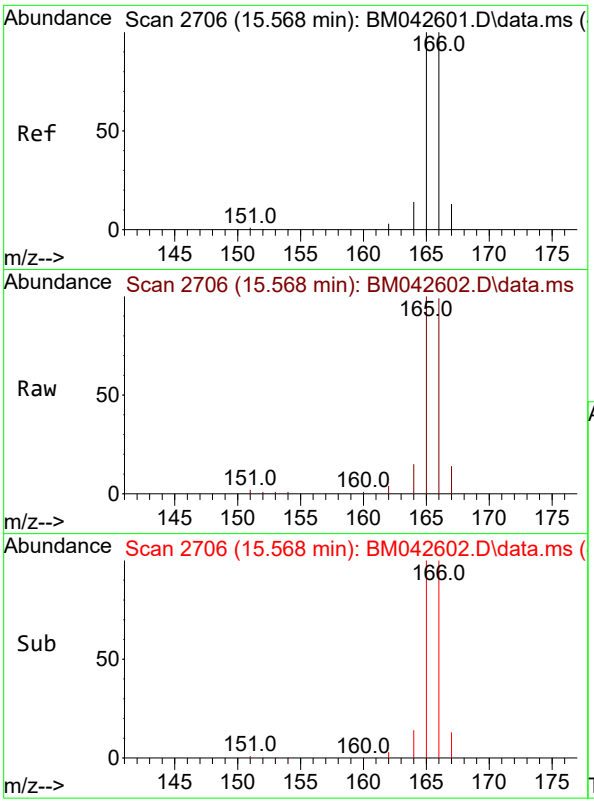


#11
Acenaphthene
Concen: 0.766 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. 0.004 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:153 Resp: 6787

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.8	62.6
154	86.5	69.2	103.8



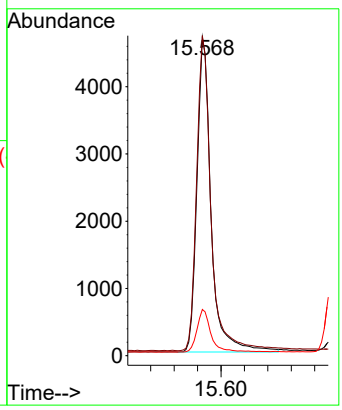


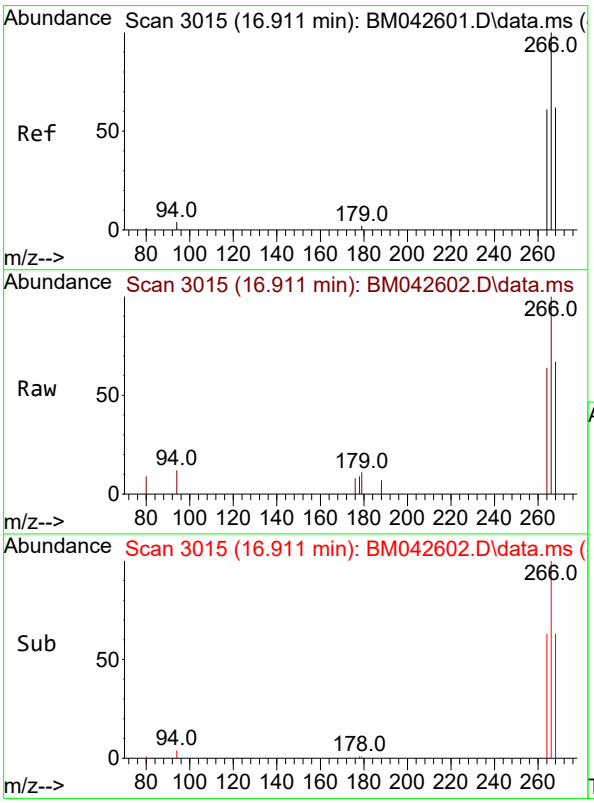
#12
Fluorene
Concen: 0.801 ng/ul
RT: 15.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:166 Resp: 7865

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.2	121.8
167	14.5	11.9	17.9

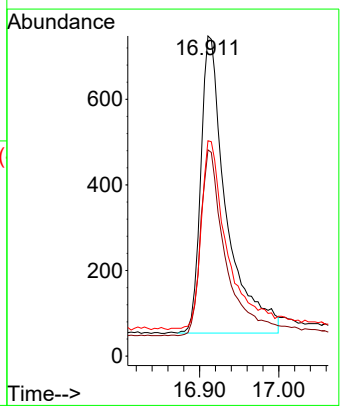


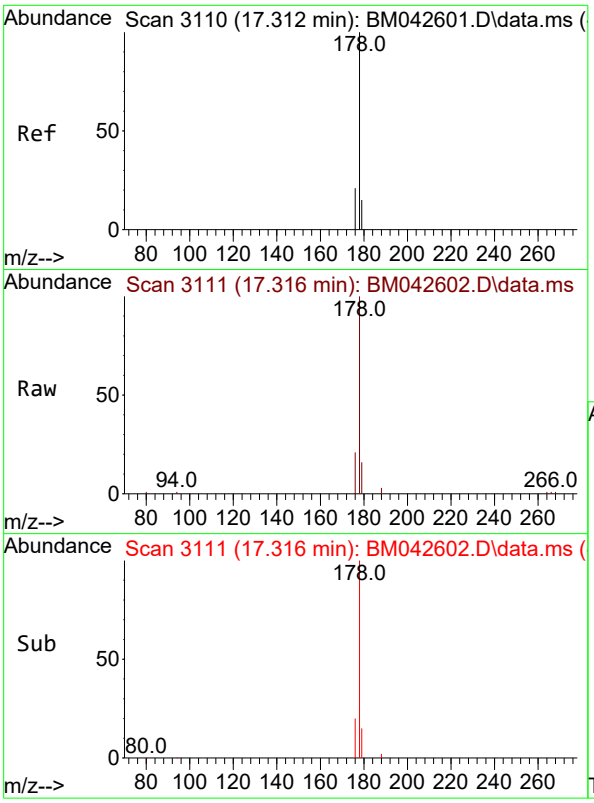


#14
Pentachlorophenol
Concen: 0.949 ng/ul
RT: 16.911 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:266 Resp: 1552

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.4	75.6
268	65.6	54.8	82.2



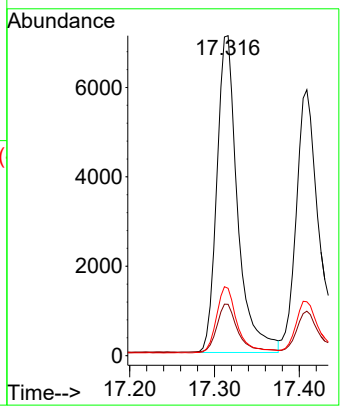


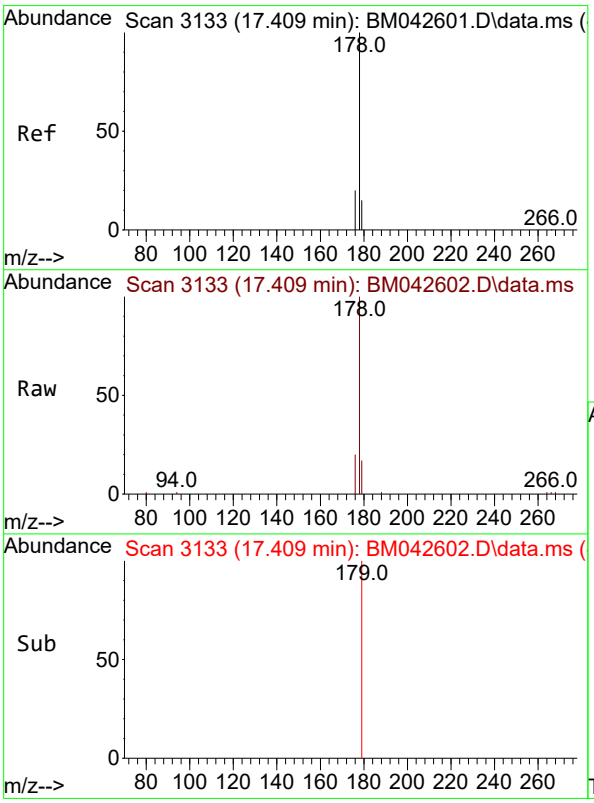
#15
Phenanthrene
Concen: 0.738 ng/ul
RT: 17.316 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:178 Resp: 12049

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.7	20.5
176	21.1	18.2	27.2

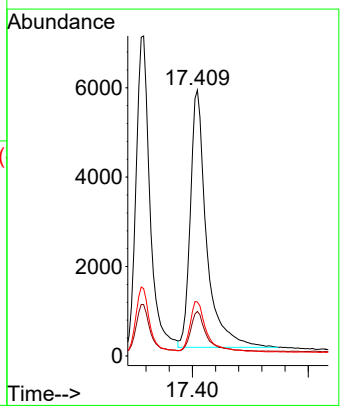


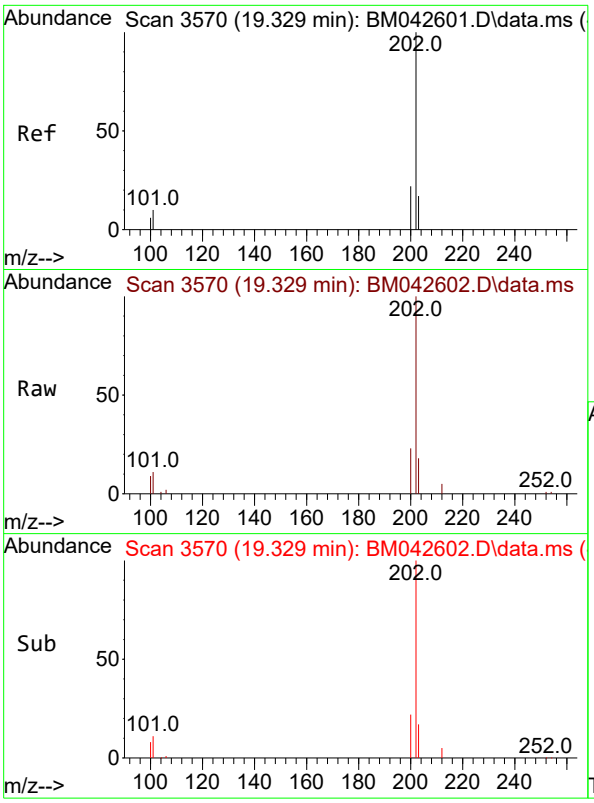


#16
Anthracene
Concen: 0.779 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:178 Resp: 11184

Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.2	21.4
176	20.3	17.6	26.4



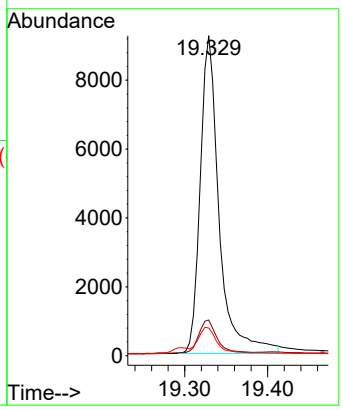


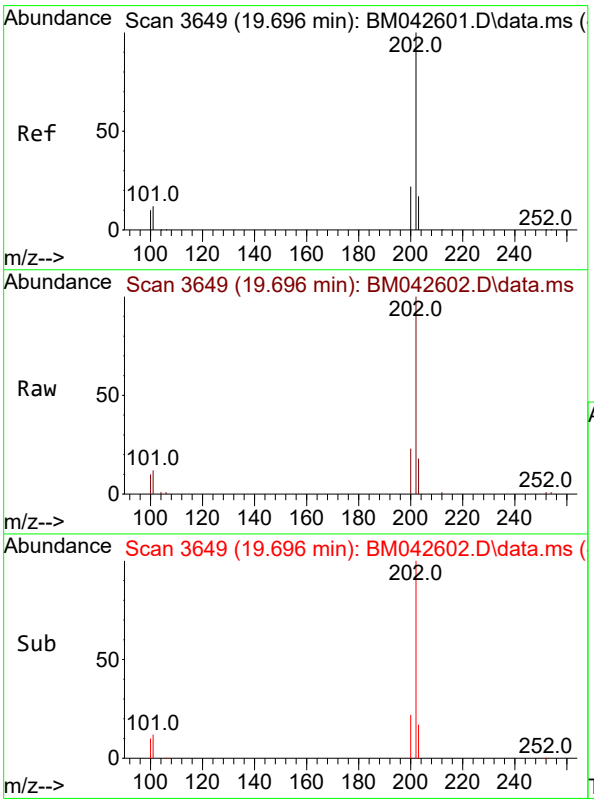
#19
Fluoranthene
Concen: 0.504 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:202 Resp: 14622

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
100	8.7	7.3	10.9

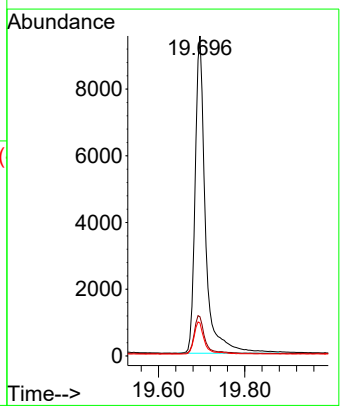


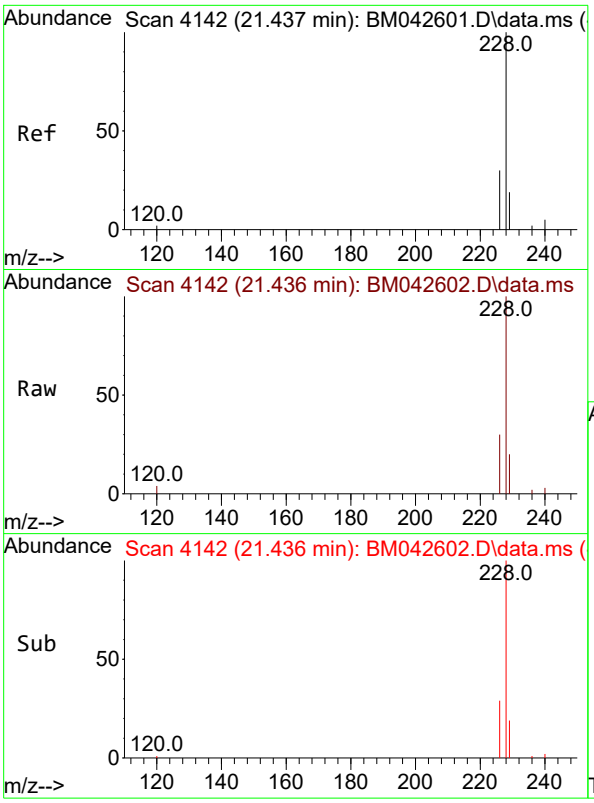


#20
Pyrene
Concen: 0.525 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:202 Resp: 15802

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.6	16.0
100	10.3	8.6	13.0



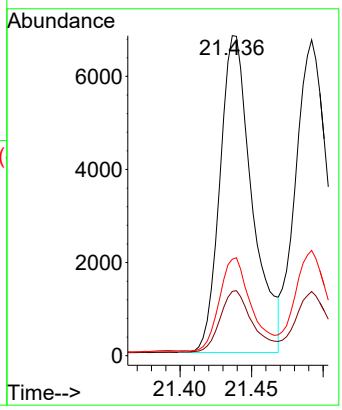


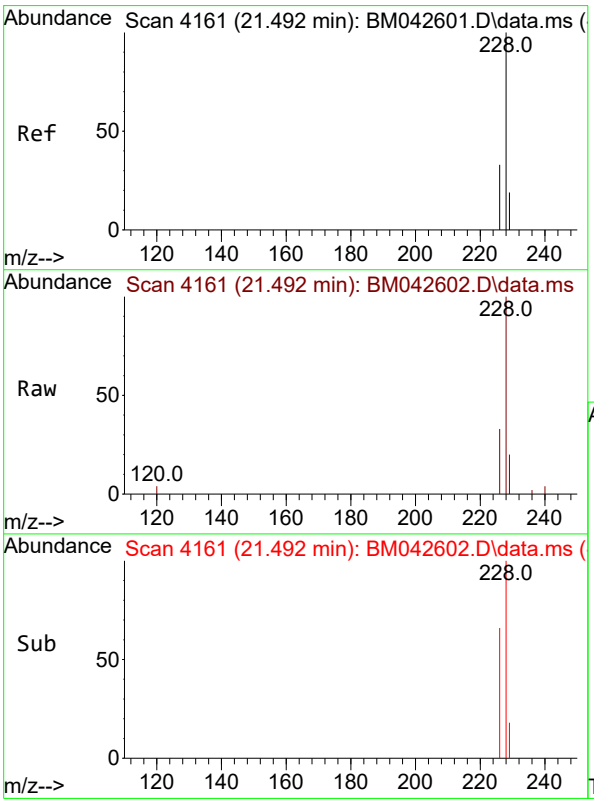
#21
Benzo(a)anthracene
Concen: 0.534 ng/ul
RT: 21.436 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:228 Resp: 10671

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.0	25.4
226	30.2	25.2	37.8

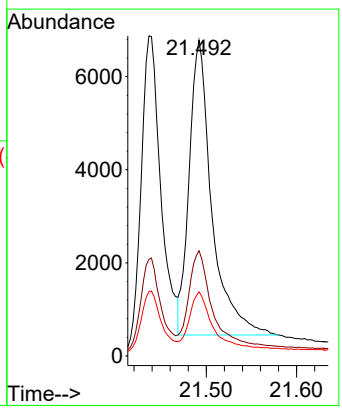


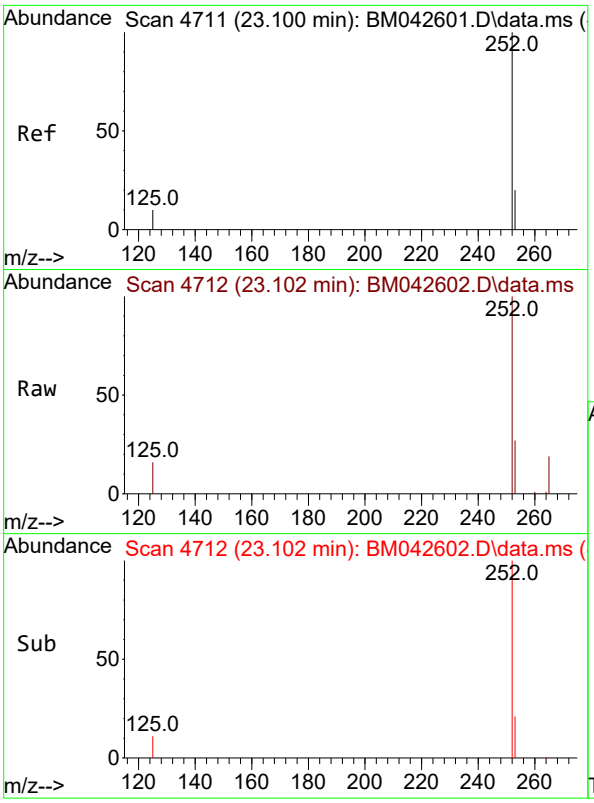


#22
Chrysene
Concen: 0.518 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:228 Resp: 11019

Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.4	41.0
229	20.3	17.0	25.6



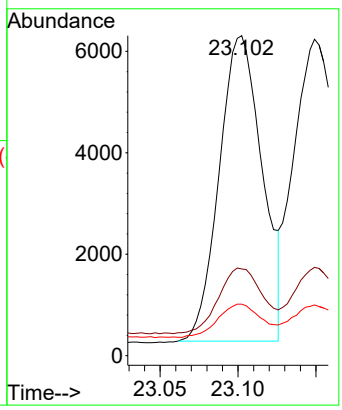


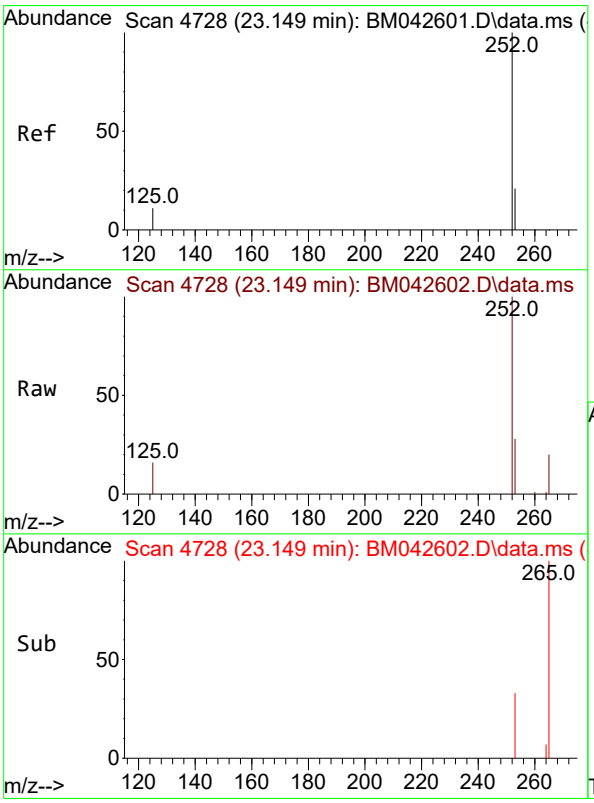
#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.102 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 11557

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	65.8
125	16.1	0.0	43.6

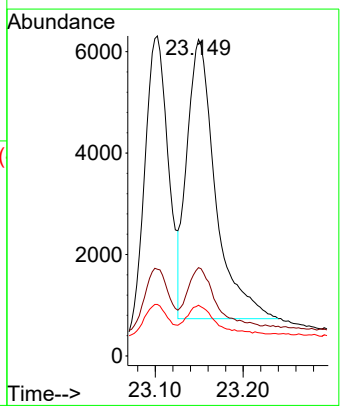


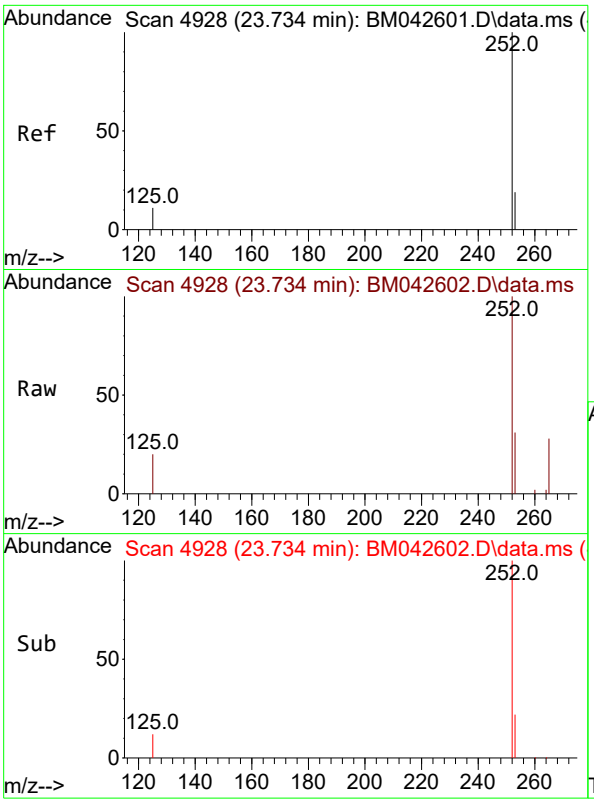


#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:252 Resp: 12423

Ion	Ratio	Lower	Upper
252	100		
253	27.9	27.0	40.6
125	16.0	17.5	26.3#



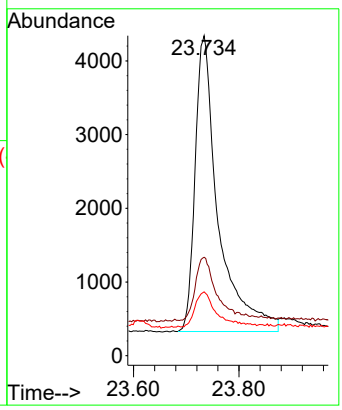


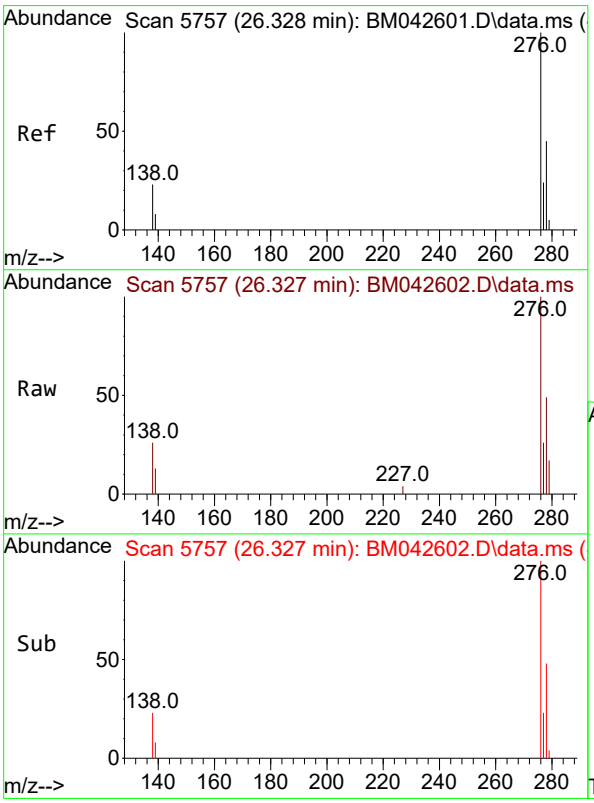
#26
Benzo(a)pyrene
Concen: 0.590 ng/ul
RT: 23.734 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 12216

Ion	Ratio	Lower	Upper
252	100		
253	30.7	31.7	47.5#
125	20.0	22.1	33.1#

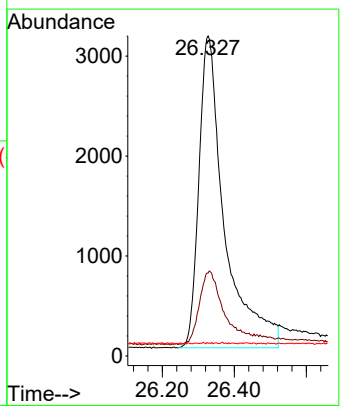


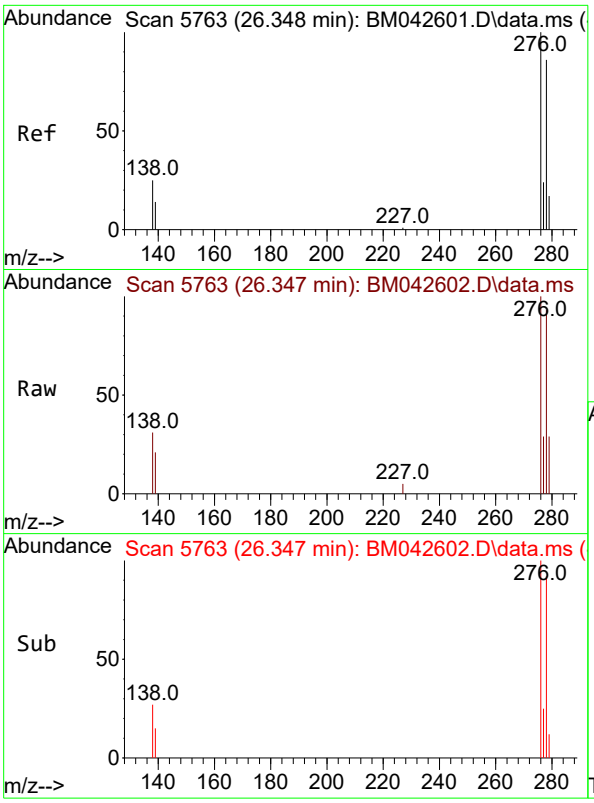


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.572 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.001 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:276 Resp: 15430

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.7	31.1
227	0.0	0.1	0.1#



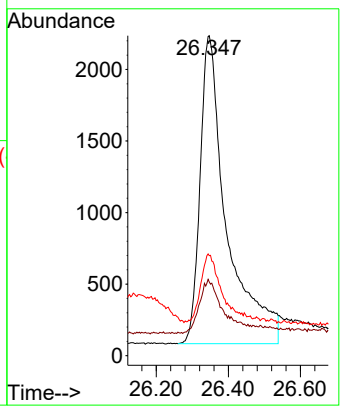


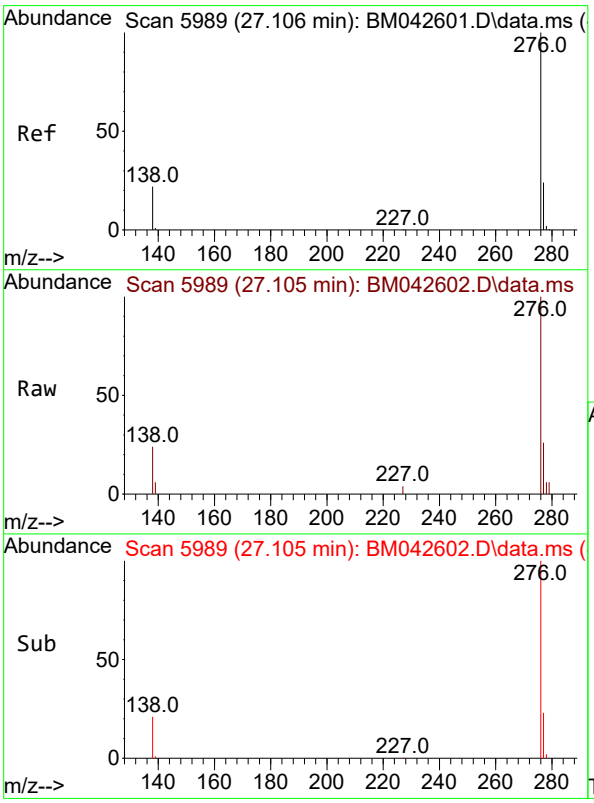
#28
Dibenzo(a,h)anthracene
Concen: 0.567 ng/ul
RT: 26.347 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:278 Resp: 11043

Ion	Ratio	Lower	Upper
278	100		
139	23.0	24.3	36.5#
279	31.3	31.5	47.3#





#29
Benzo(g,h,i)perylene
Concen: 0.612 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. -0.001 min
Lab File: BM042602.D
Acq: 06 Nov 2023 22:55

Tgt Ion:276 Resp: 14128

Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.3	33.5
277	25.9	23.6	35.4