Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041102.D
Acq On : 25 Jul 2023 12:42
Operator : MA/JU
Sample : 03534-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4736

Quant Time: Jul 26 04:22:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	3560	0.400	ng/ul		0.00
4) Naphthalene-d8	10.636	136	11999	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.490	164	6567	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.248	188	15492	0.400	ng/ul		0.00
17) Chrysene-d12	21.445	240	11212	0.400	ng/ul	#	0.00
23) Perylene-d12	23.827	264	13619	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.250	96	17908	3.261	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.231	152	4522	0.264	ng/ul		0.00
18) Fluoranthene-d10	19.283	212	9662	0.317	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	477	0.085	ng/ul	#	1
5) Naphthalene	10.680	128	32769	0.839	ng/ul		99
7) 2-Methylnaphthalene	12.302	142	12735	0.666	ng/ul		96
8) 1-Methylnaphthalene	12.522	142	9592	0.488	ng/ul		99
10) Acenaphthylene	14.208	152	11048	0.398	ng/ul	#	95
11) Acenaphthene	14.550	153	110577	4.724	ng/ul		99
12) Fluorene	15.545	166	143542	5.619	ng/ul		96
15) Phenanthrene	17.291	178	1717679	35.969	ng/ul		98
16) Anthracene	17.379	178	422122	10.919	ng/ul		97
19) Fluoranthene	19.315	202	1990085	49.525	ng/ul		96
20) Pyrene	19.678	202	1632781	36.851	ng/ul		96
21) Benzo(a)anthracene	21.431	228	738116	19.691	ng/ul		100
22) Chrysene	21.483	228	696777	16.095	ng/ul		98
24) Benzo(b)fluoranthene	23.105	252	801725	14.774	ng/ul		87
26) Benzo(a)pyrene	23.722	252	529532	12.046	ng/ul	#	79
27) Indeno(1,2,3-cd)pyrene	26.284	276	369966	5.685	ng/ul	#	92
28) Dibenzo(a,h)anthracene	26.297	278	95069	1.862	ng/ul		94
29) Benzo(g,h,i)perylene	27.045	276	326364	5.611	ng/ul		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041102.D
Acq On : 25 Jul 2023 12:42
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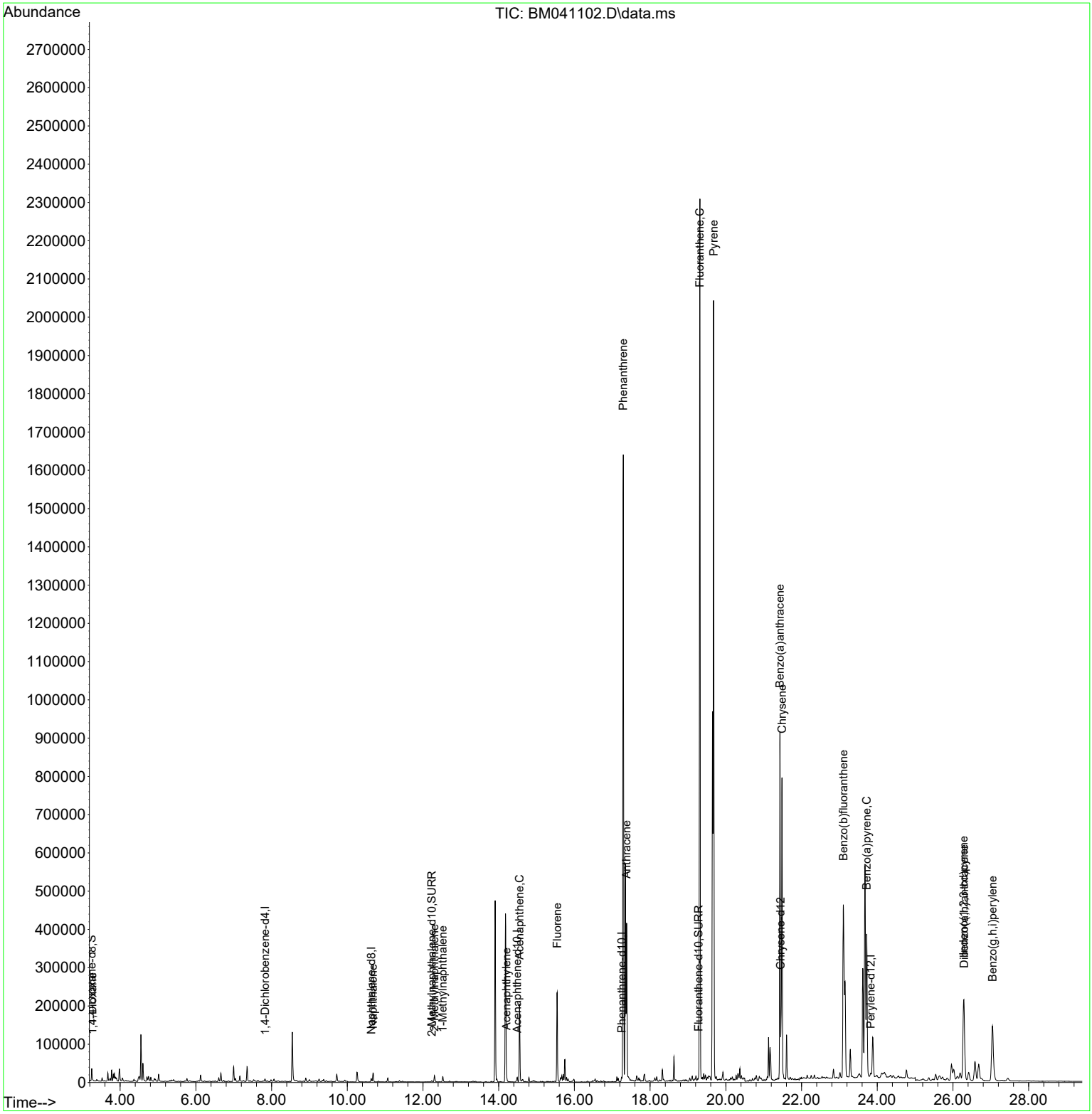
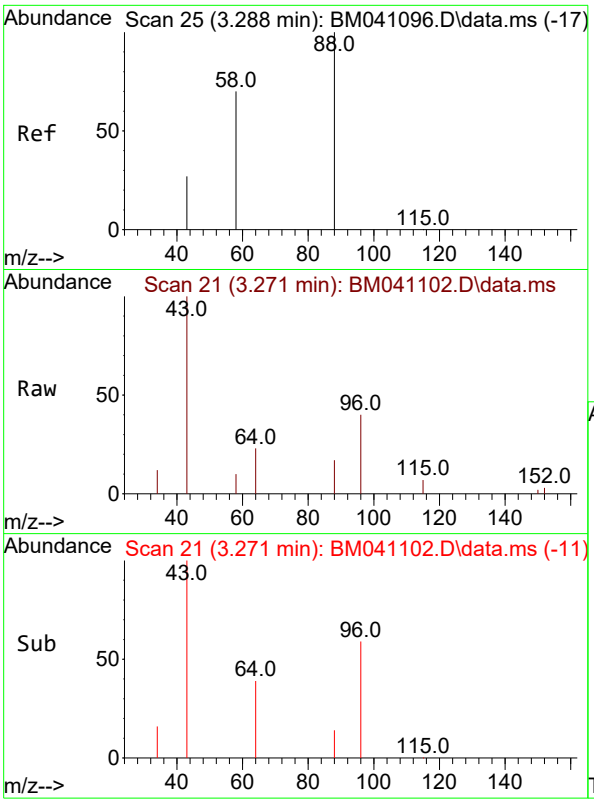
Quant Time: Jul 26 04:22:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



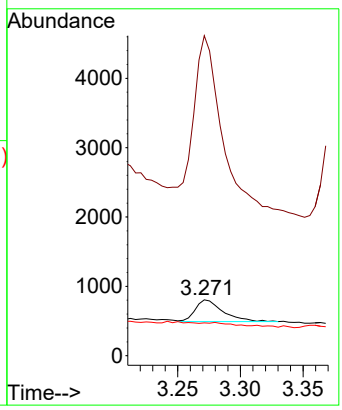


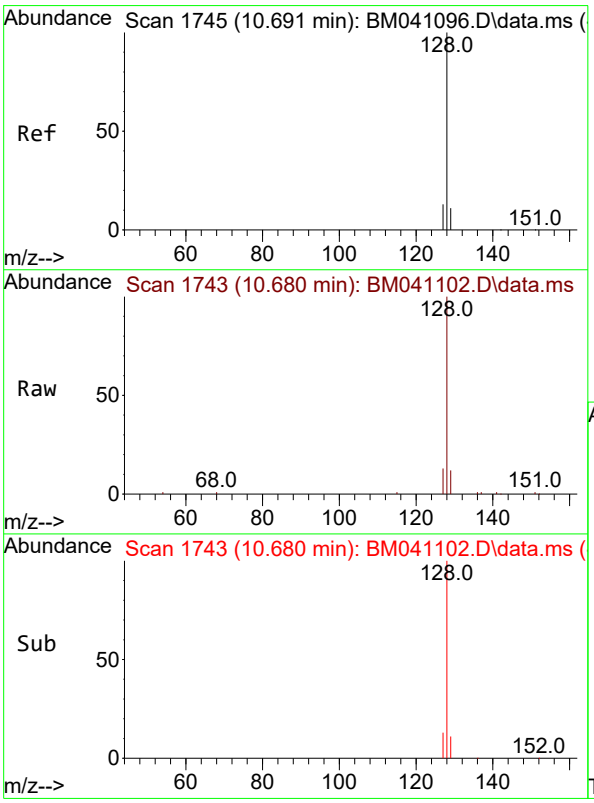
#2
1,4-Dioxane
Concen: 0.085 ng/ul
RT: 3.271 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion: 88 Resp: 477

Ion	Ratio	Lower	Upper
88	100		
43	572.6	83.1	124.7#
58	58.7	38.8	58.2#

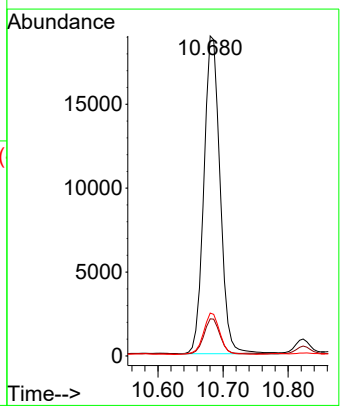


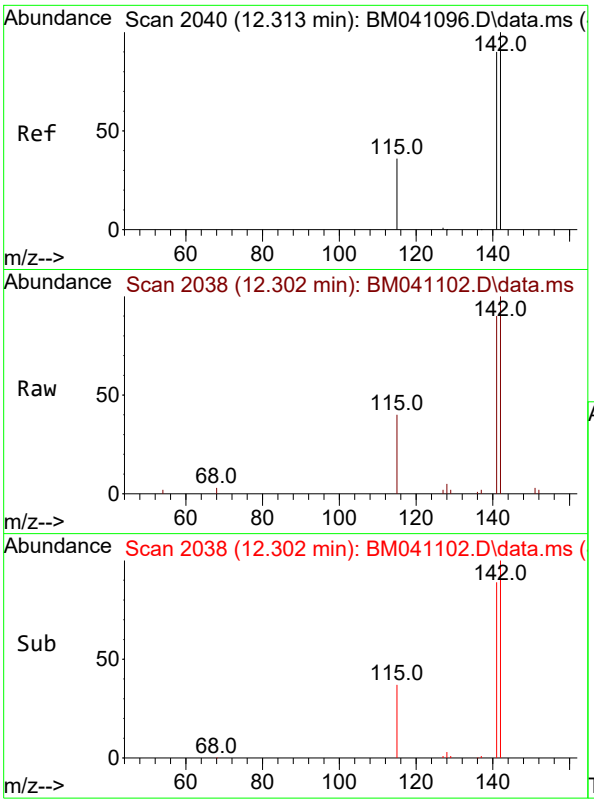


#5
Naphthalene
Concen: 0.839 ng/ul
RT: 10.680 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:128 Resp: 32769

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.4	11.1	16.7



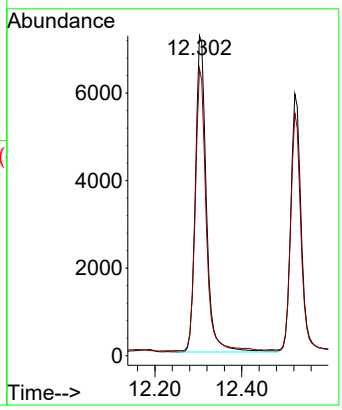


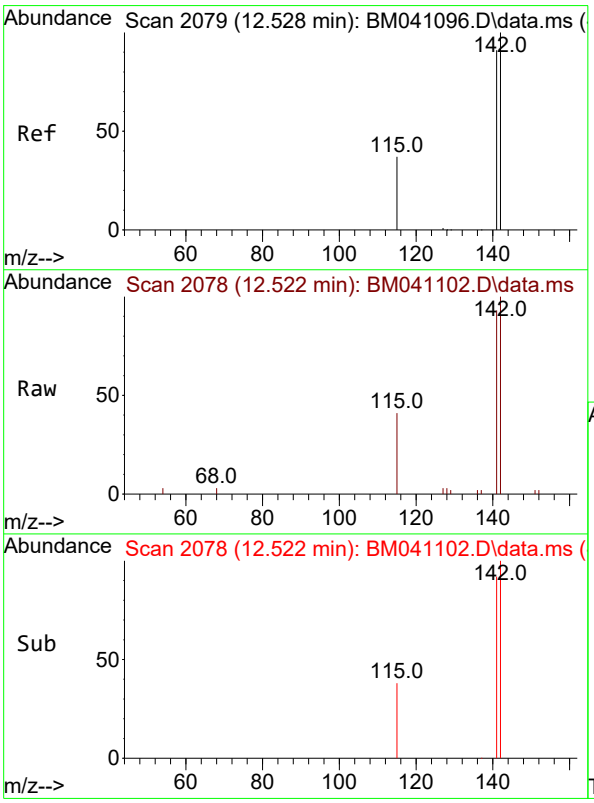
#7
2-Methylnaphthalene
Concen: 0.666 ng/ul
RT: 12.302 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:142 Resp: 12735

Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.3	109.9

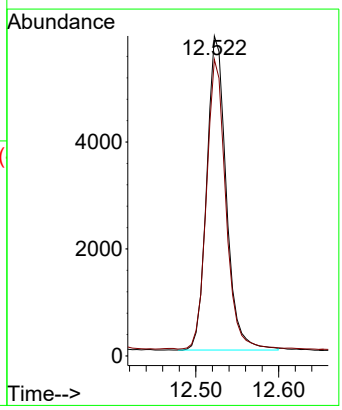


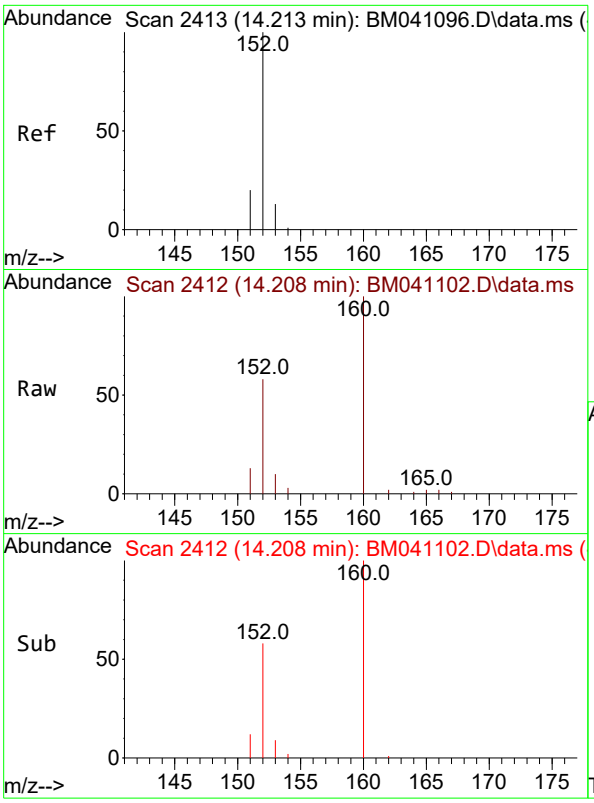


#8
1-Methylnaphthalene
Concen: 0.488 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:142 Resp: 9592

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.6	110.4



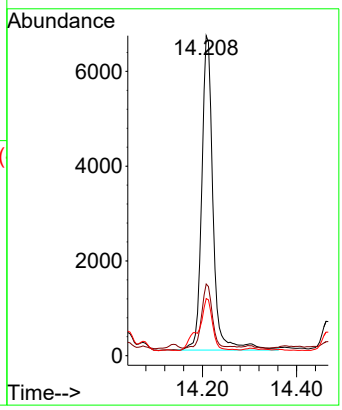


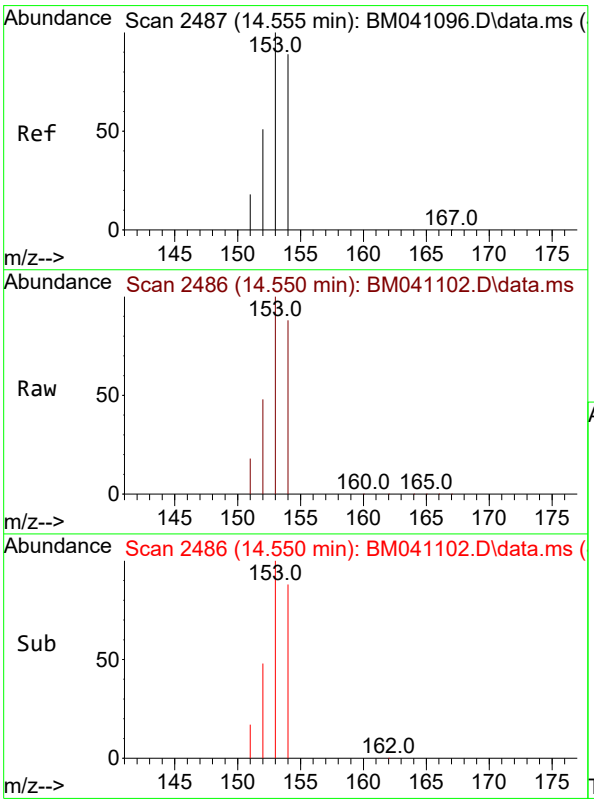
#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.208 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:152 Resp: 11048

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.8	25.2
153	17.8	11.4	17.2#

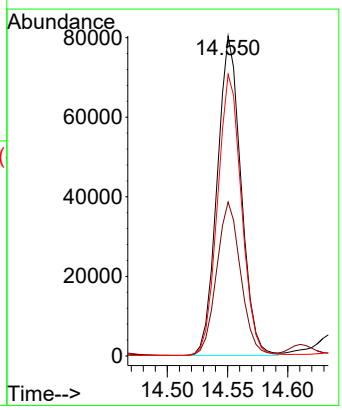


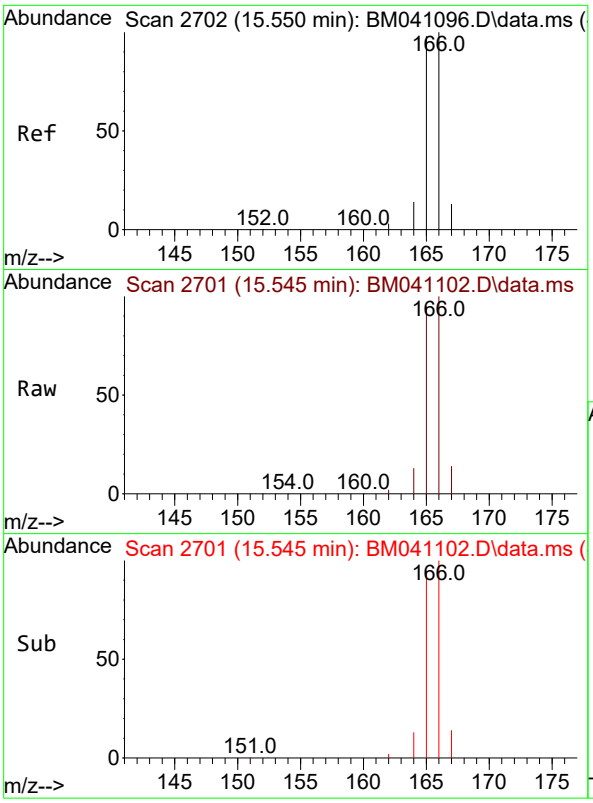


#11
Acenaphthene
Concen: 4.724 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:153 Resp: 110577

Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.2	60.4
154	88.0	70.3	105.5



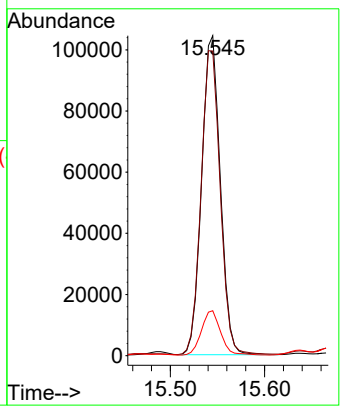


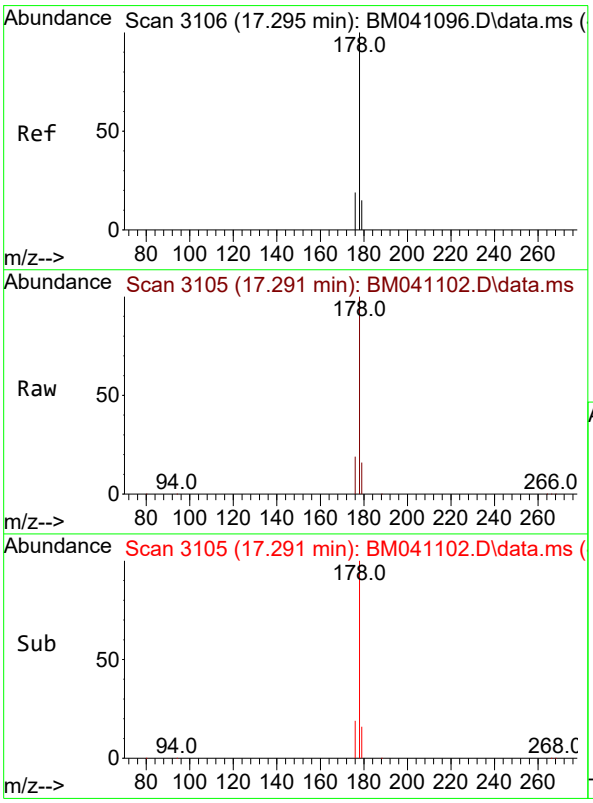
#12
Fluorene
Concen: 5.619 ng/ul
RT: 15.545 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:166 Resp: 143542

Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.4	119.0
167	14.1	11.4	17.2

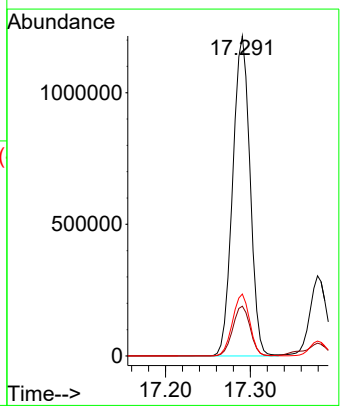


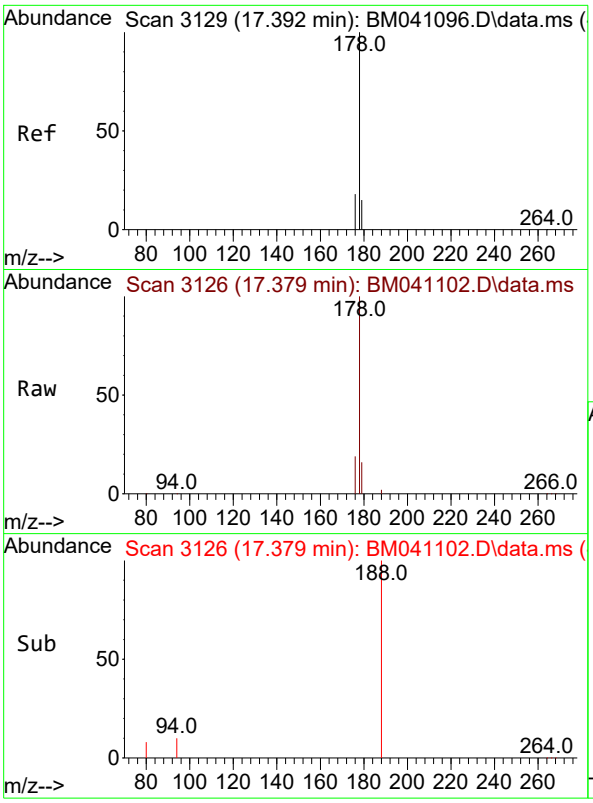


#15
Phenanthrene
Concen: 35.969 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:178 Resp: 1717679

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.3	16.0	24.0



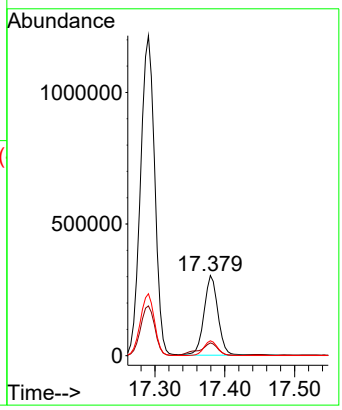


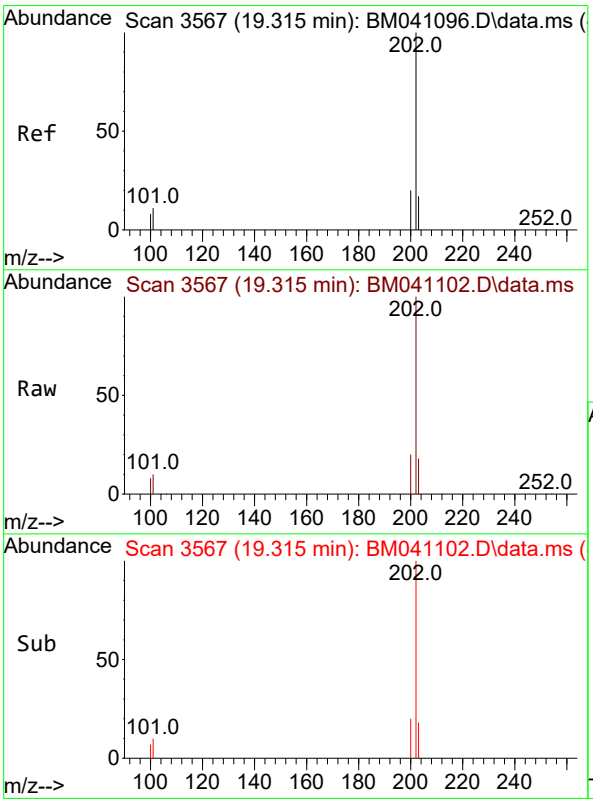
#16
Anthracene
Concen: 10.919 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:178 Resp: 422122

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.6	20.4
176	18.6	16.0	24.0

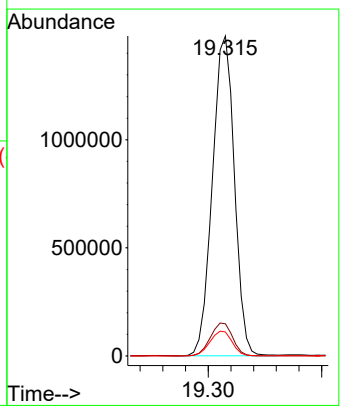


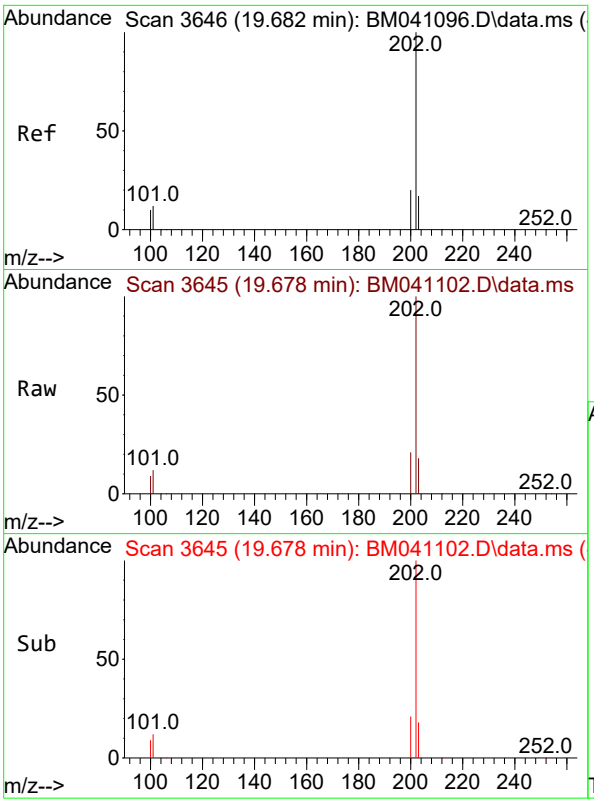


#19
Fluoranthene
Concen: 49.525 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:202 Resp: 1990085

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.4	14.0
100	7.5	7.1	10.7



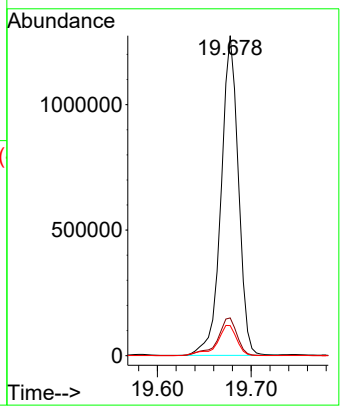


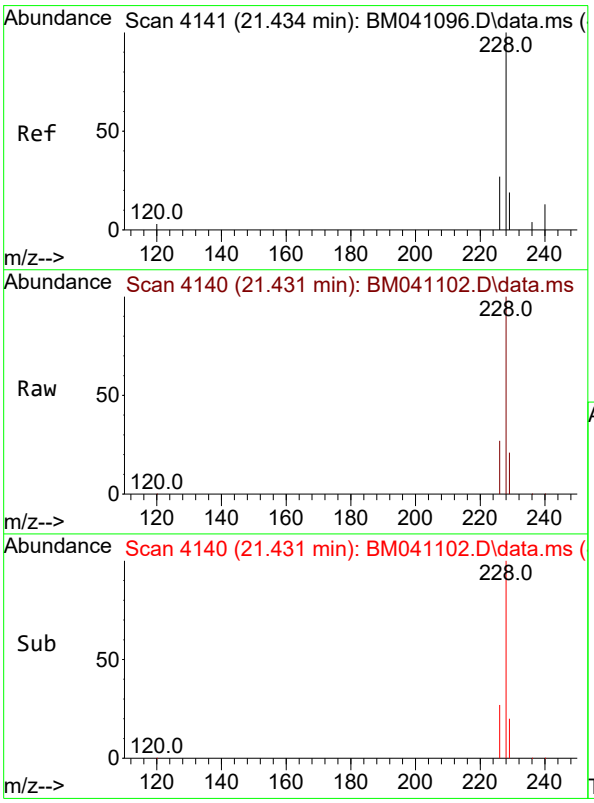
#20
Pyrene
Concen: 36.851 ng/ul
RT: 19.678 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:202 Resp: 1632781

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.7	16.1
100	9.4	8.5	12.7

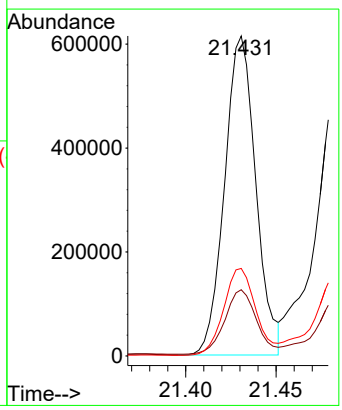


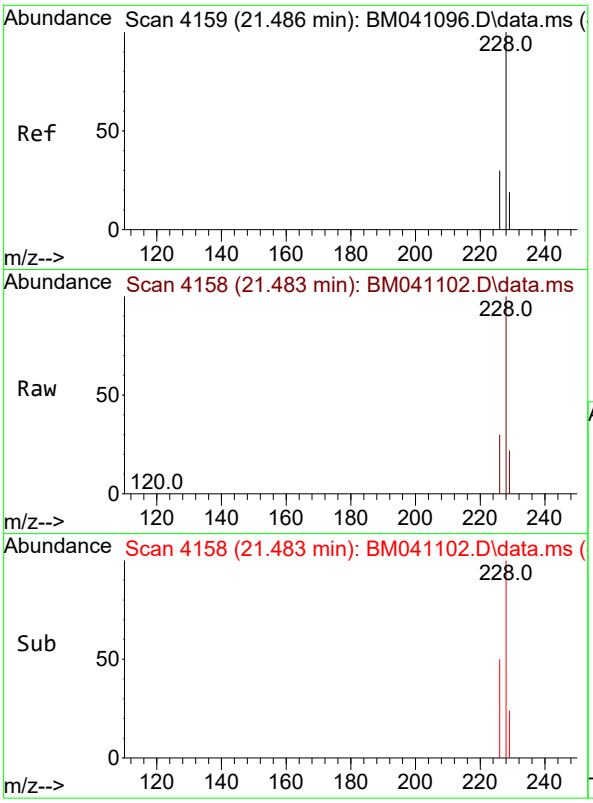


#21
Benzo(a)anthracene
Concen: 19.691 ng/ul
RT: 21.431 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:228 Resp: 738116

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	27.3	22.2	33.2



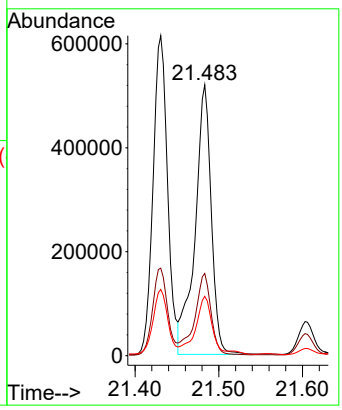


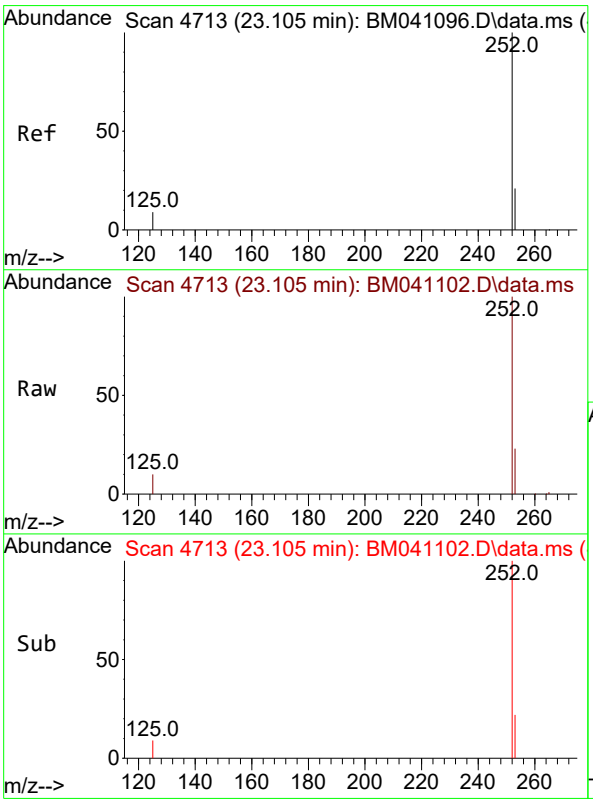
#22
Chrysene
Concen: 16.095 ng/ul
RT: 21.483 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:228 Resp: 696777

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.9	15.9	23.9

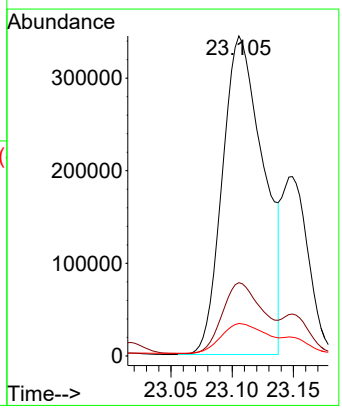


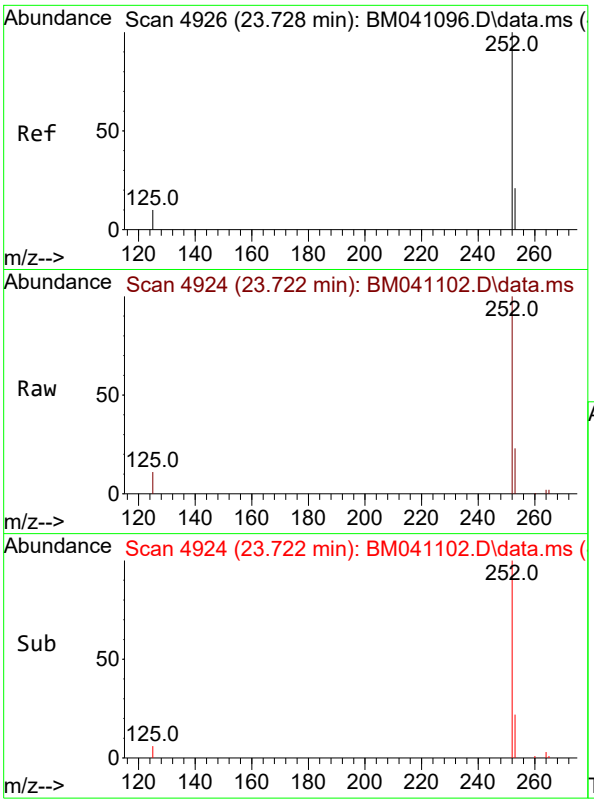


#24
Benzo(b)fluoranthene
Concen: 14.774 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.000 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:252 Resp: 801725

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	57.6
125	10.2	0.0	33.6



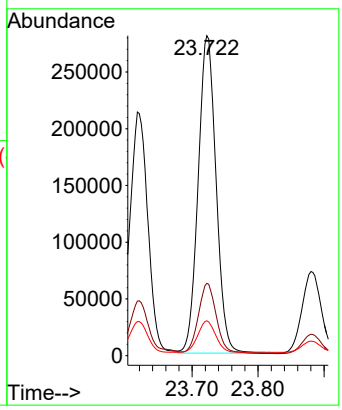


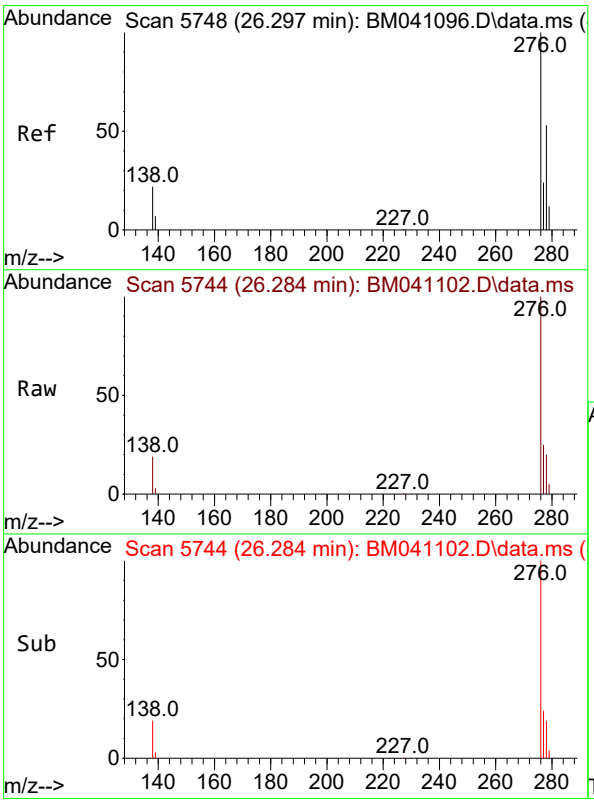
#26
Benzo(a)pyrene
Concen: 12.046 ng/ul
RT: 23.722 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:252 Resp: 529532

Ion	Ratio	Lower	Upper
252	100		
253	22.6	26.7	40.1#
125	10.9	18.1	27.1#

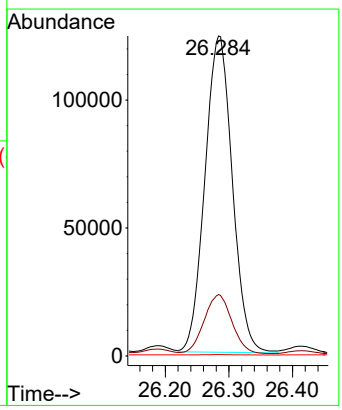


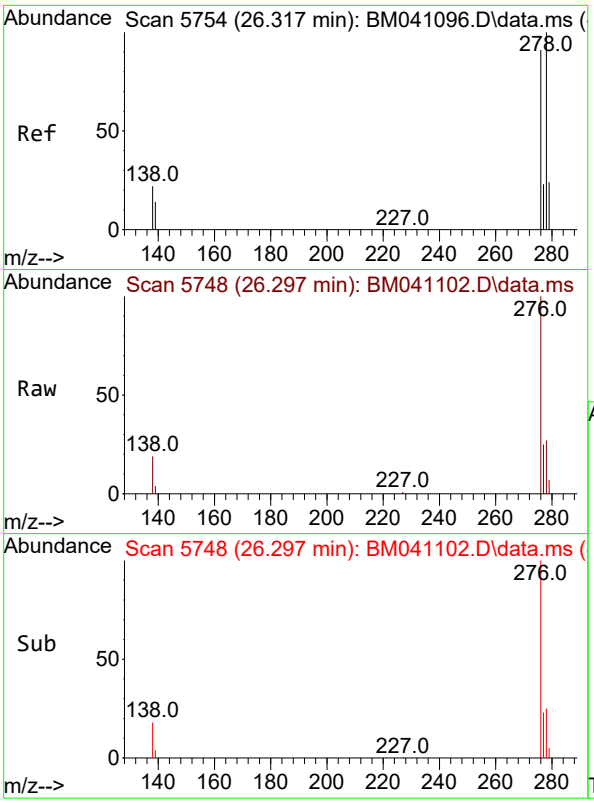


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.685 ng/ul
RT: 26.284 min Scan# 5744
Delta R.T. -0.014 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:276 Resp: 369966

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.1	27.1
227	0.1	0.2	0.2#



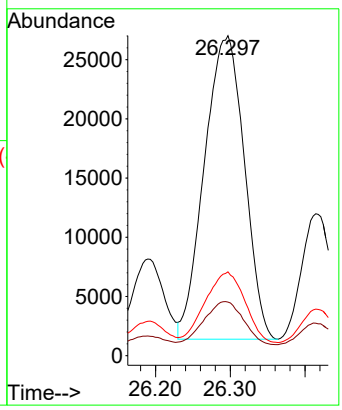


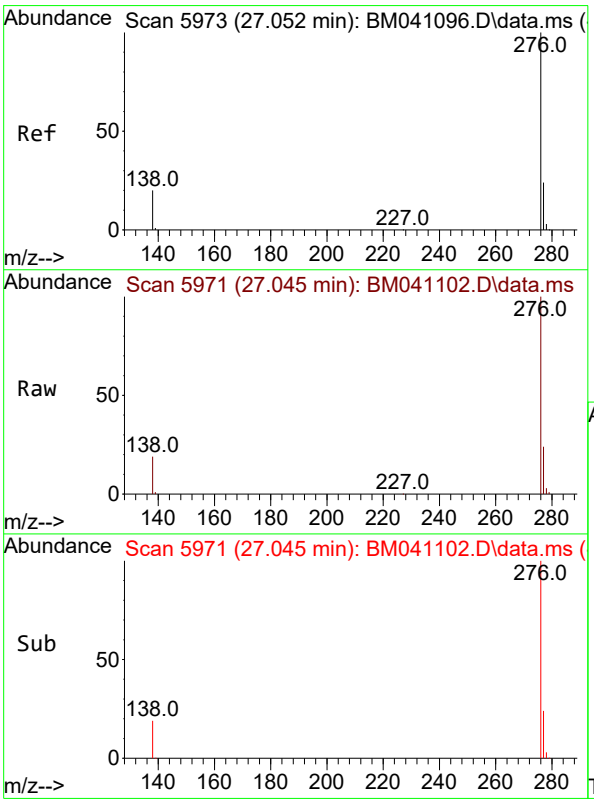
#28
Dibenzo(a,h)anthracene
Concen: 1.862 ng/ul
RT: 26.297 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Instrument :
BNA_P
ClientSampleId :
A4736

Tgt Ion:278 Resp: 95069

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.1	21.1
279	26.2	25.0	37.4





#29
Benzo(g,h,i)perylene
Concen: 5.611 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.007 min
Lab File: BM041102.D
Acq: 25 Jul 2023 12:42

Tgt Ion:276 Resp: 326364

Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.2	27.2
277	24.2	20.6	30.8