Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021761.D
Acq On : 02 Aug 2019 17:20
Operator : HP/JU
Sample : SSTD0.113
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 02 23:40:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 23:36:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1123	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	4321	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.32	164	1706	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.09	188	3521	0.40	ng/ul	0.02
16) Chrysene-d12	21.27	240	3287	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	2902	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	532	0.10	ng/ul	0.05
14) Fluoranthene-d10	19.11	212	935	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1264	0.116	ng/ul#	65
5) 2-Methylnaphthalene	12.19	142	664	0.115	ng/ul	98
7) Acenaphthylene	14.06	152	892	0.096	ng/ul#	76
8) Acenaphthene	14.39	153	747	0.109	ng/ul	92
9) Fluorene	15.40	166	758	0.098	ng/ul#	93
11) Pentachlorophenol	16.80	266	50	0.042	ng/ul	93
12) Phenanthrene	17.13	178	1208	0.124	ng/ul#	87
13) Anthracene	17.24	178	841	0.100	ng/ul#	79
15) Fluoranthene	19.14	202	1414	0.116	ng/ul	94
17) Pyrene	19.51	202	1588	0.171	ng/ul	97
18) Benzo(a)anthracene	21.26	228	1100	0.107	ng/ul	93
19) Chrysene	21.31	228	2343	0.182	ng/ul	95
21) Benzo(b)fluoranthene	22.83	252	1680	0.157	ng/ul	70
22) Benzo(k)fluoranthene	22.88	252	1818	0.167	ng/ul#	66
23) Benzo(a)pyrene	23.41	252	1081	0.112	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.77	276	1146	0.089	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.78	278	812	0.080	ng/ul#	55
26) Benzo(g,h,i)perylene	26.45	276	1162	0.094	ng/ul#	82

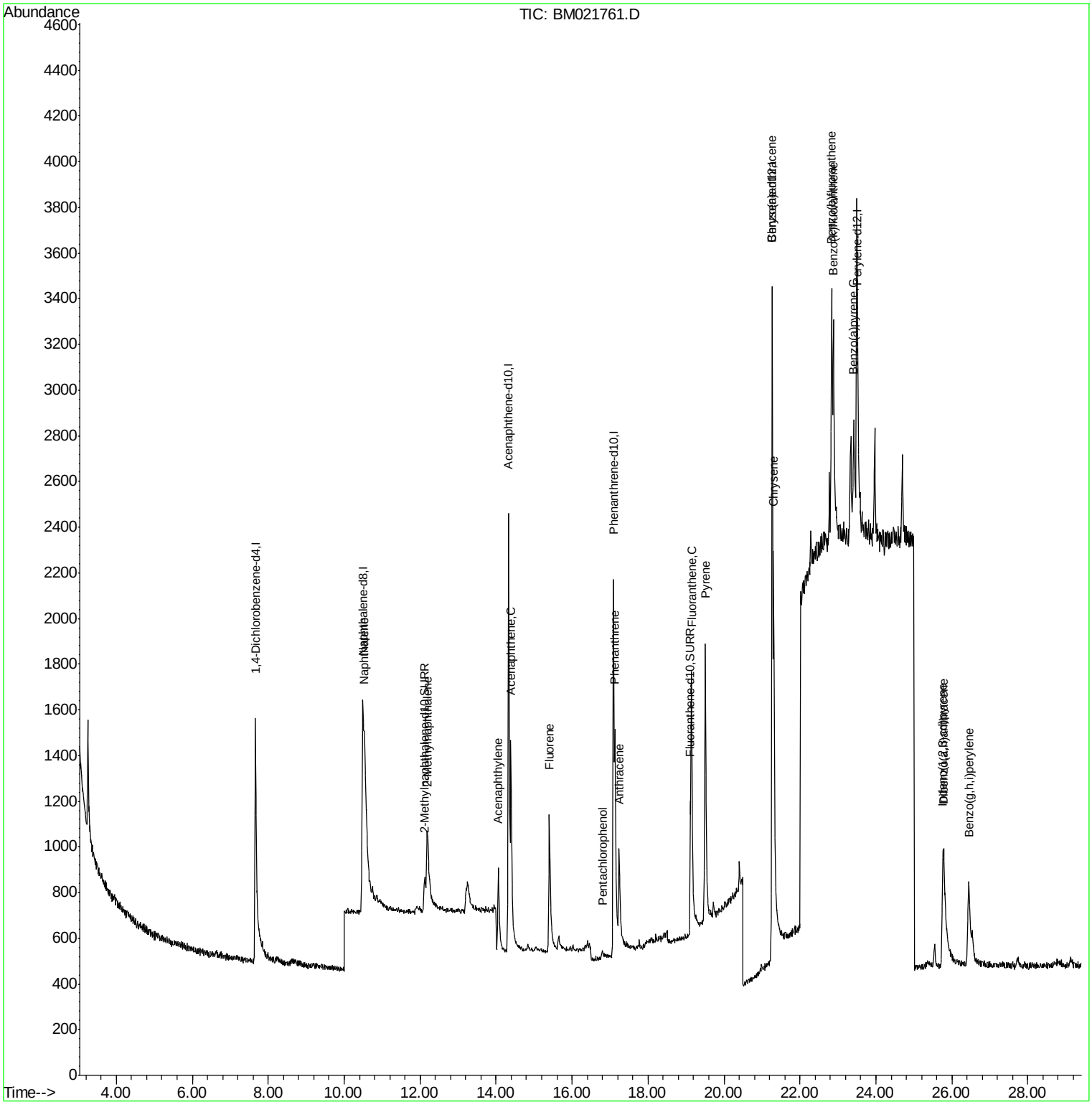
(#) = qualifier out of range (m) = manual integration (+) = signals summed

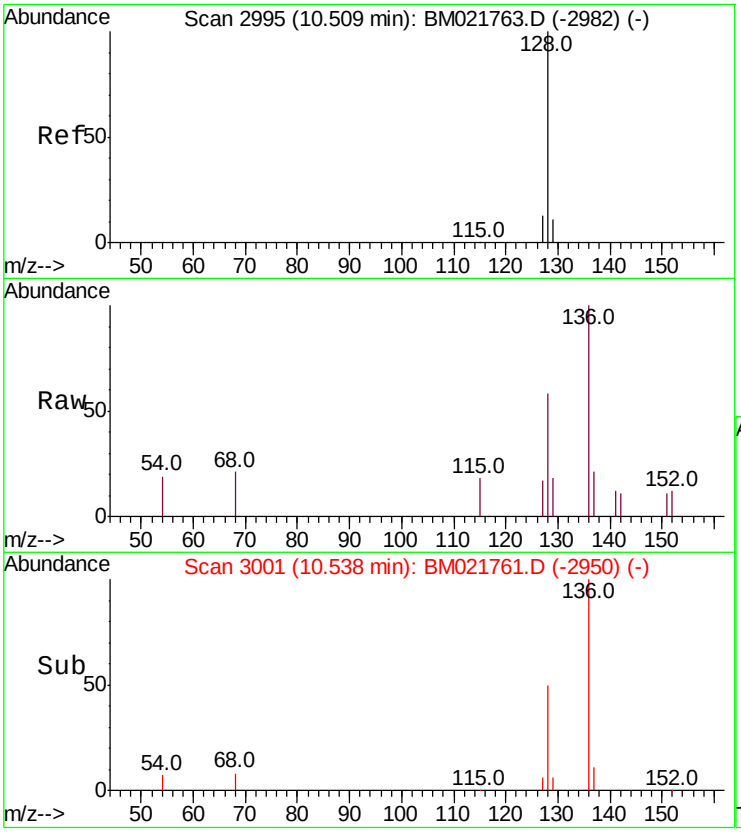
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021761.D
Acq On : 02 Aug 2019 17:20
Operator : HP/JU
Sample : SSTD0.113
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 02 23:40:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 23:36:26 2019
Response via : Initial Calibration



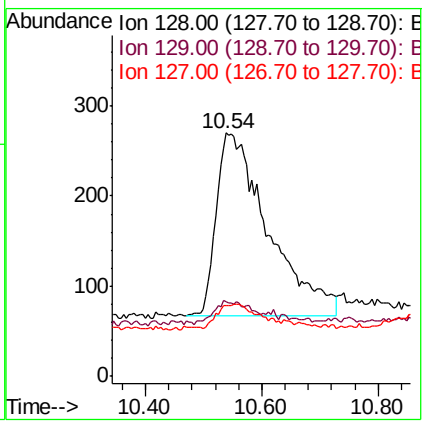


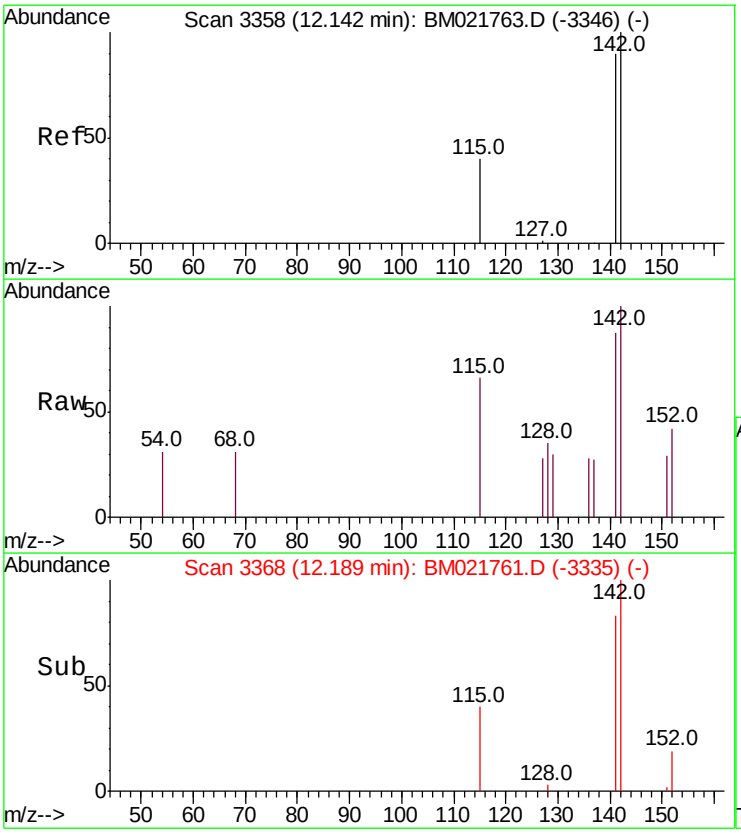
#3
Naphthalene
Concen: 0.116 ng/ul
RT: 10.54 min Scan# 3001
Delta R.T. 0.03 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1264

Ion	Ratio	Lower	Upper
128	100		
129	30.7	11.8	17.6#
127	28.9	12.6	18.8#

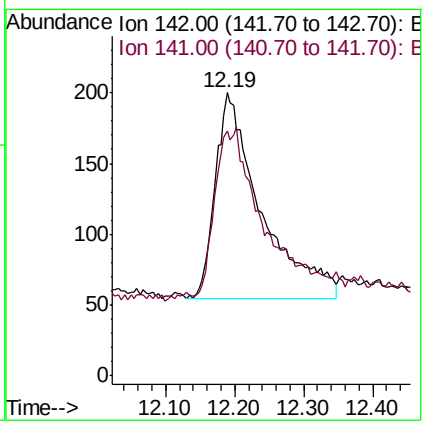


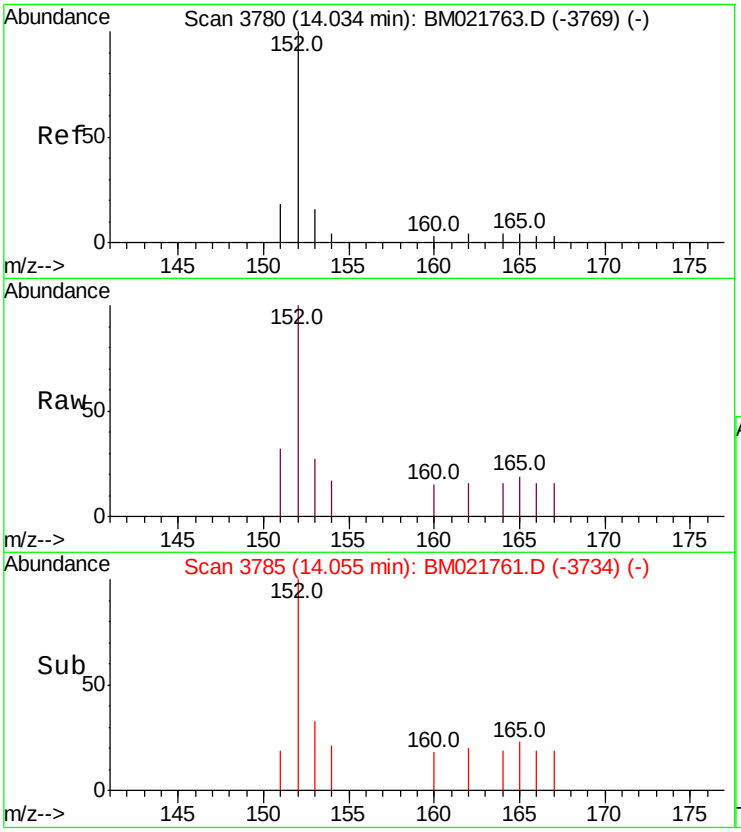


#5
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.19 min Scan# 3368
Delta R.T. 0.05 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:142 Resp: 664

Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.1	111.1



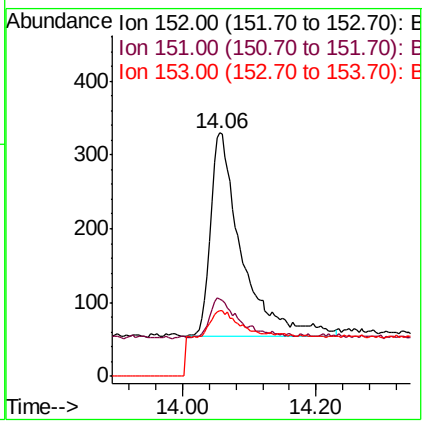


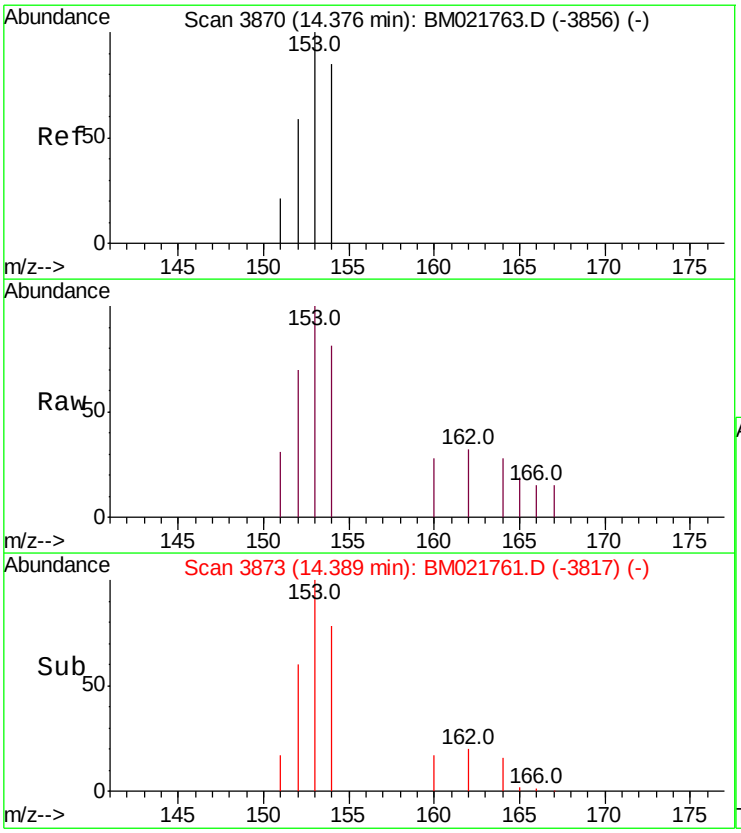
#7
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.06 min Scan# 3785
Delta R.T. 0.02 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 892

Ion	Ratio	Lower	Upper
152	100		
151	31.8	17.0	25.4#
153	27.0	12.6	19.0#

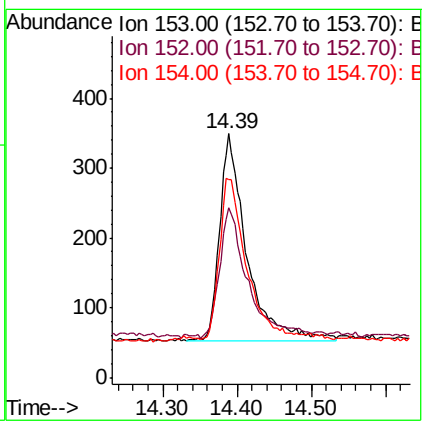


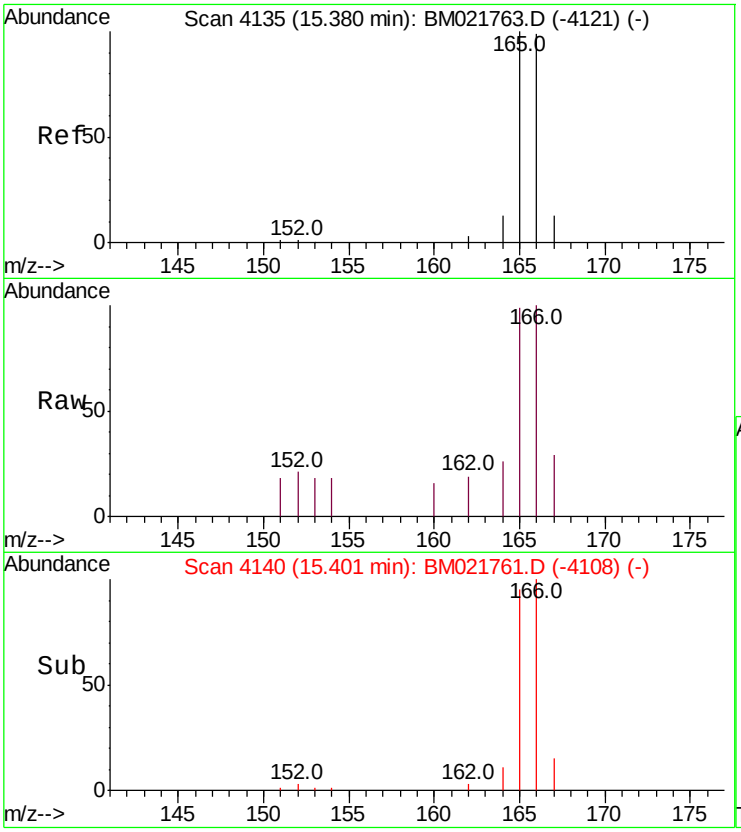


#8
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.39 min Scan# 3873
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:153 Resp: 747

Ion	Ratio	Lower	Upper
153	100		
152	69.9	48.9	73.3
154	81.1	69.0	103.6



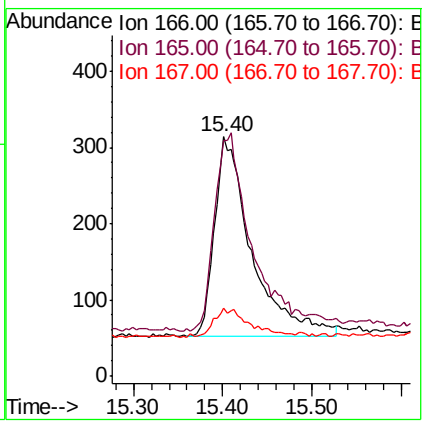


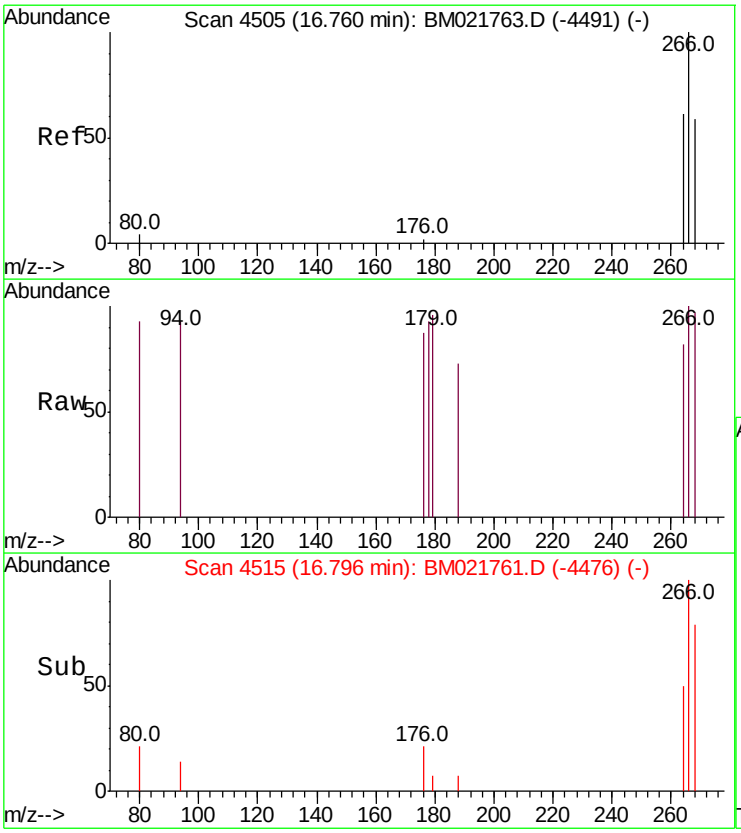
#9
Fluorene
Concen: 0.098 ng/ul
RT: 15.40 min Scan# 4140
Delta R.T. 0.02 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 758

Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.6	122.4
167	28.7	12.8	19.2#

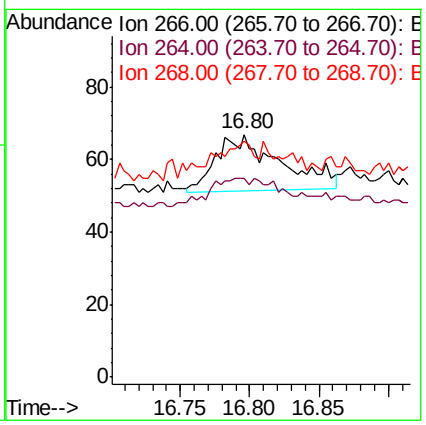


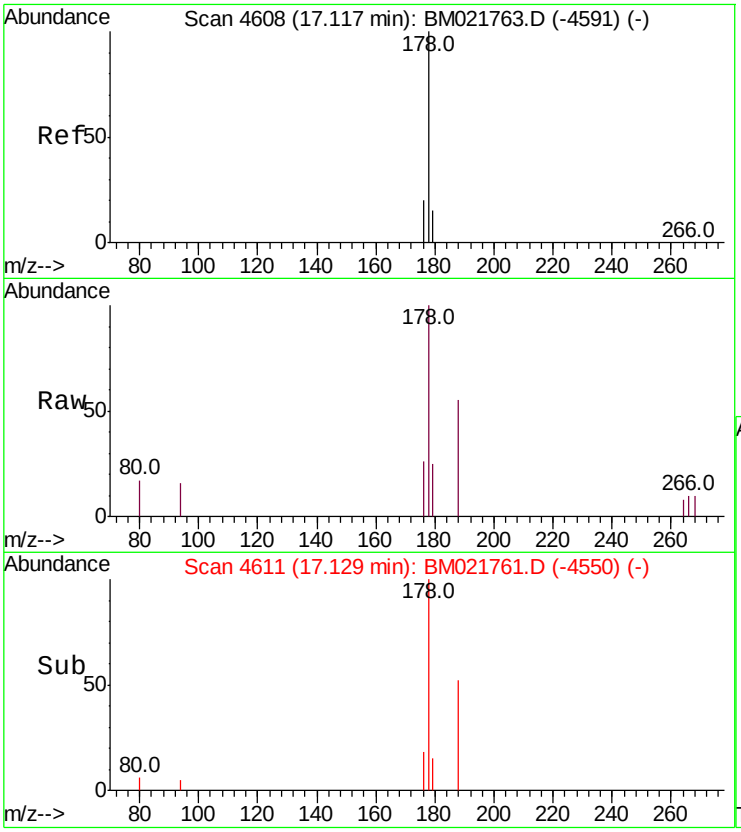


#11
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.80 min Scan# 4515
Delta R.T. 0.04 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	68.0	51.8	77.6
268	38.0	36.2	54.4



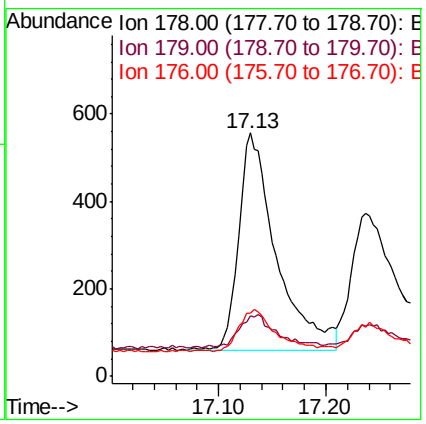


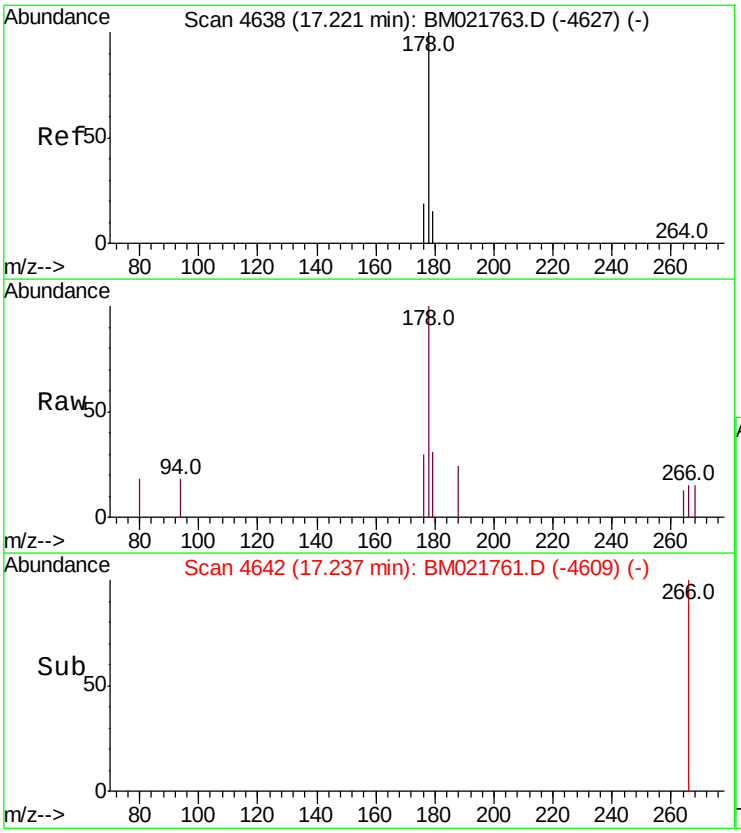
#12
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.13 min Scan# 4611
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1208

Ion	Ratio	Lower	Upper
178	100		
179	24.8	13.8	20.6#
176	26.0	17.4	26.0

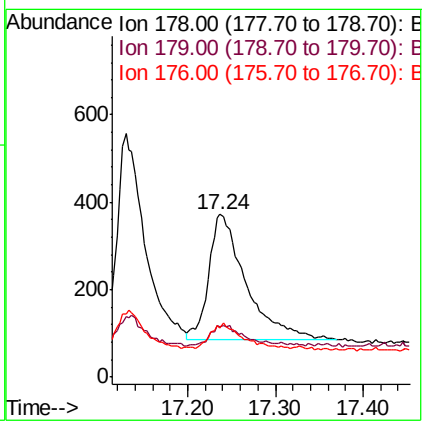


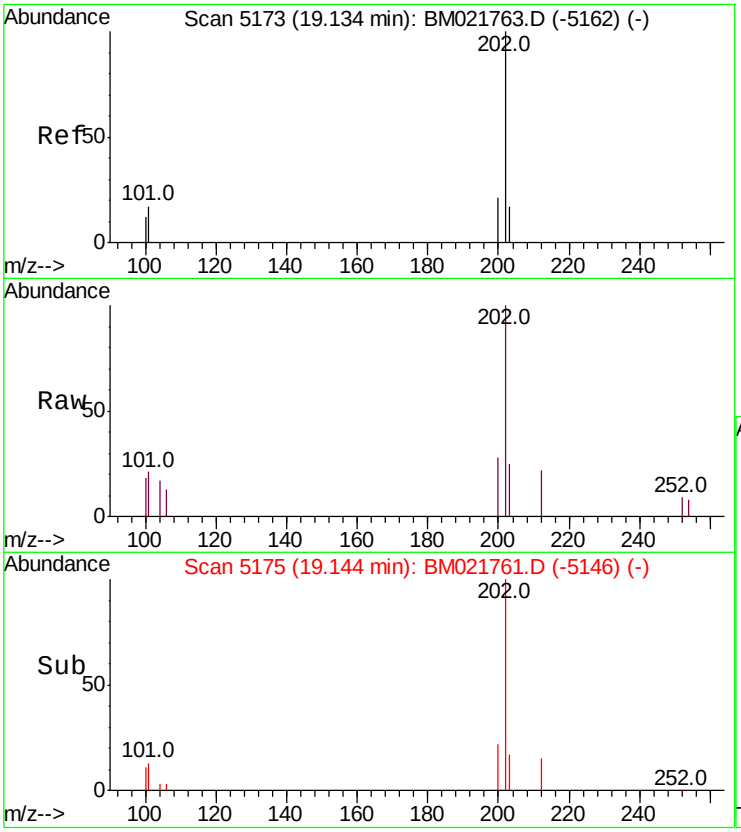


#13
Anthracene
Concen: 0.100 ng/ul
RT: 17.24 min Scan# 4642
Delta R.T. 0.02 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:178 Resp: 841

Ion	Ratio	Lower	Upper
178	100		
179	30.6	15.2	22.8#
176	29.8	17.4	26.0#



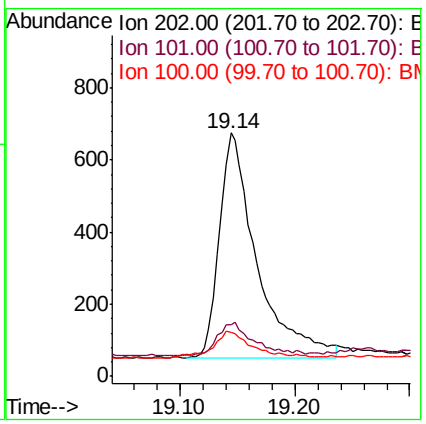


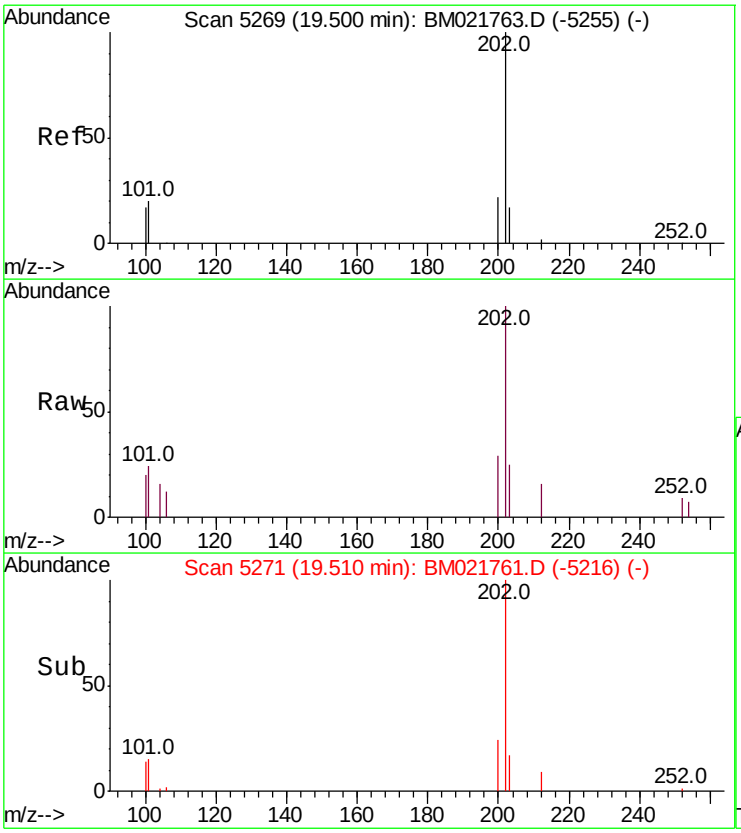
#15
Fluoranthene
Concen: 0.116 ng/ul
RT: 19.14 min Scan# 5175
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1414

Ion	Ratio	Lower	Upper
202	100		
101	21.3	0.0	39.0
100	17.9	0.0	35.4

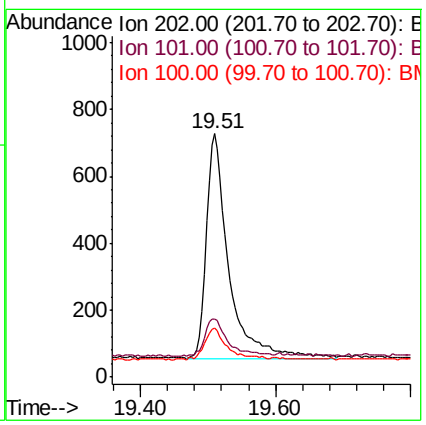


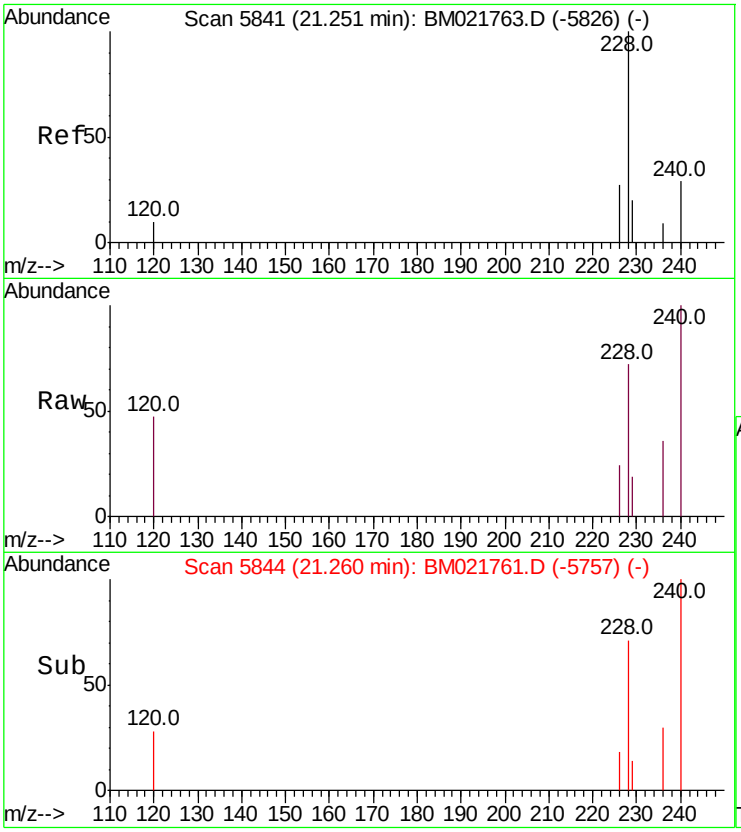


#17
Pyrene
Concen: 0.171 ng/ul
RT: 19.51 min Scan# 5271
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:202 Resp: 1588

Ion	Ratio	Lower	Upper
202	100		
101	23.6	18.0	27.0
100	20.2	15.0	22.6



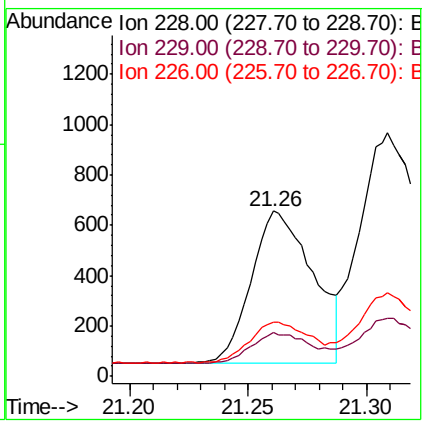


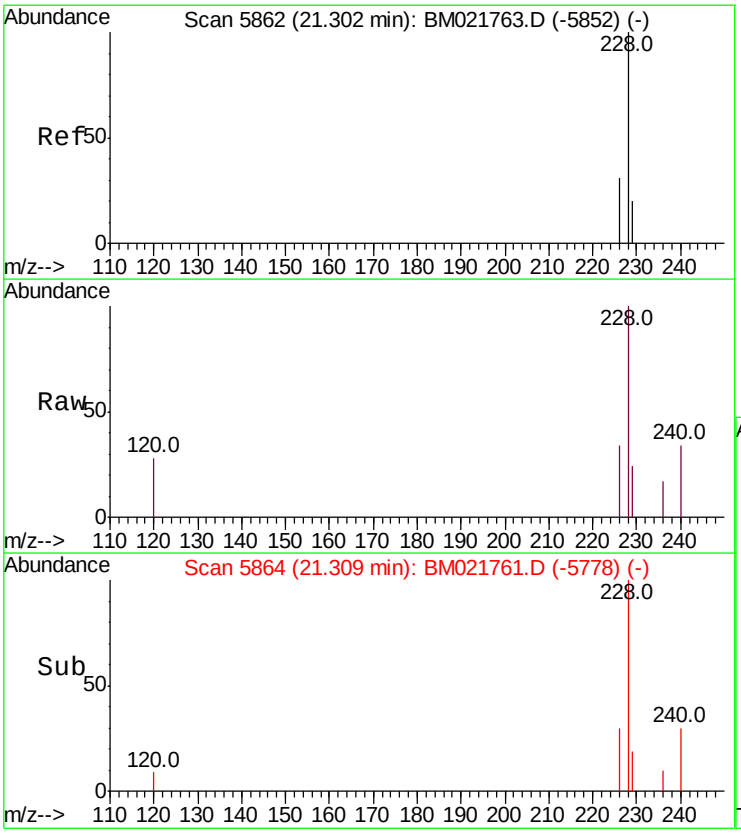
#18
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1100

Ion	Ratio	Lower	Upper
228	100		
229	26.2	17.6	26.4
226	32.8	23.4	35.2

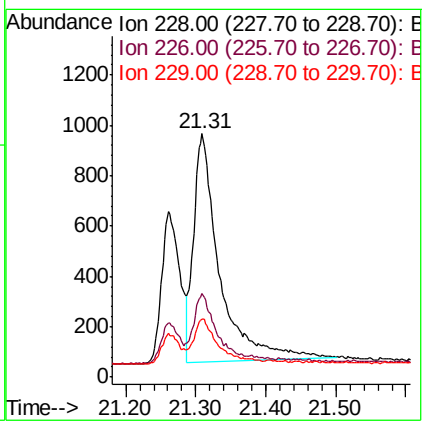


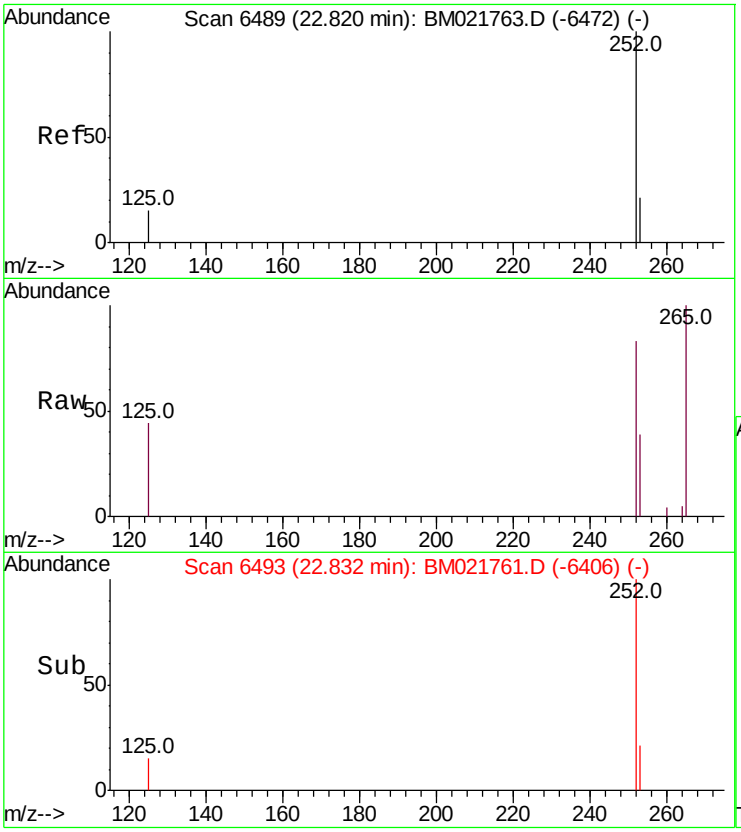


#19
Chrysene
Concen: 0.182 ng/ul
RT: 21.31 min Scan# 5864
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:228 Resp: 2343

Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.4	38.0
229	24.0	17.4	26.0



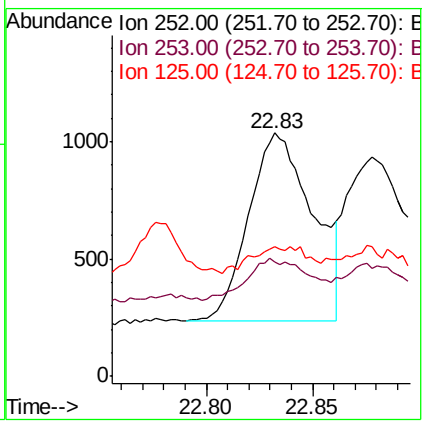


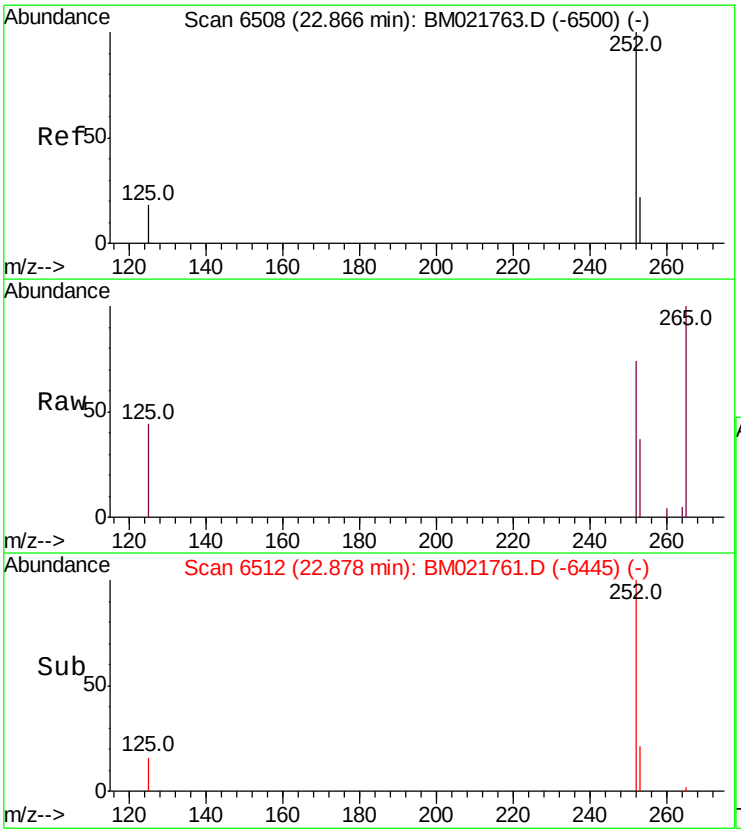
#21
Benzo(b)fluoranthene
Concen: 0.157 ng/ul
RT: 22.83 min Scan# 6493
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1680

Ion	Ratio	Lower	Upper
252	100		
253	47.2	0.0	63.2
125	53.4	0.0	69.6

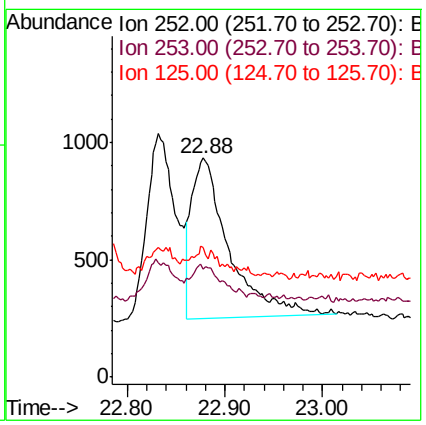


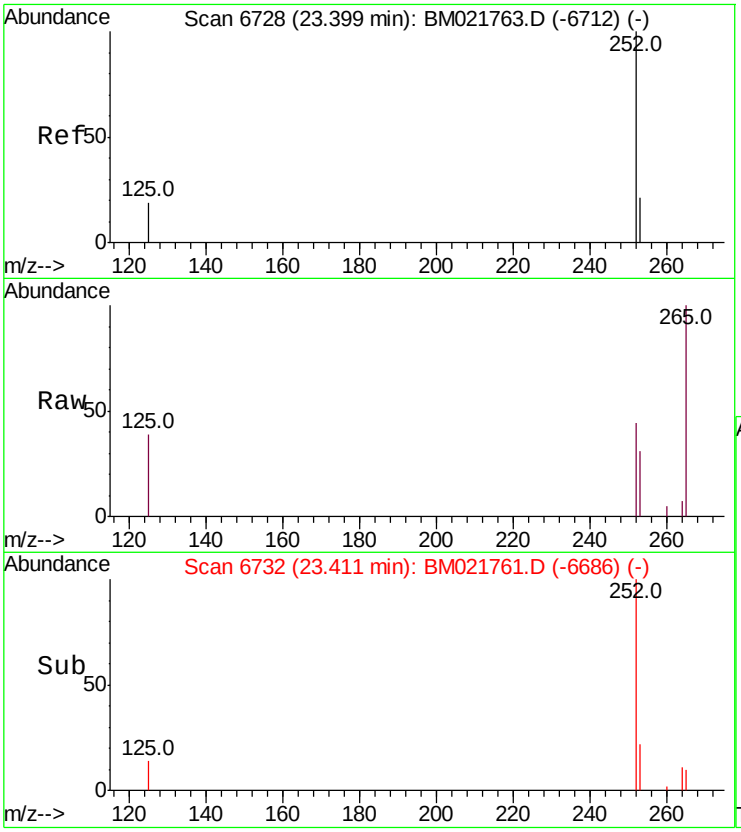


#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul
RT: 22.88 min Scan# 6512
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:252 Resp: 1818

Ion	Ratio	Lower	Upper
252	100		
253	49.4	26.4	39.6#
125	59.1	29.2	43.8#



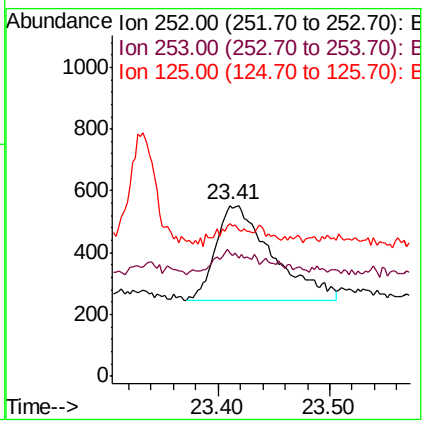


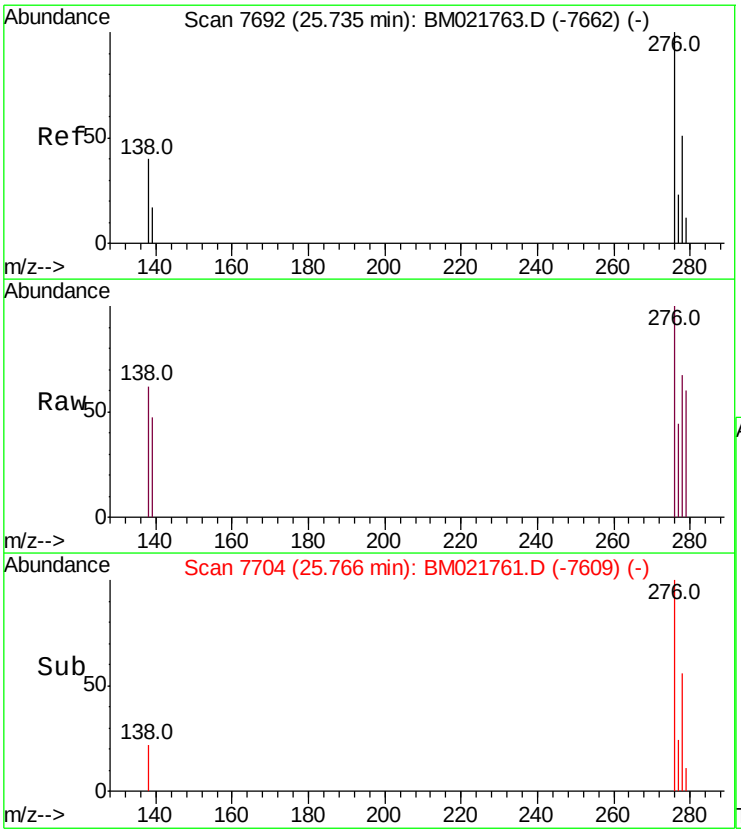
#23
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.41 min Scan# 6732
Delta R.T. 0.01 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1081

Ion	Ratio	Lower	Upper
252	100		
253	72.0	32.2	48.4#
125	89.4	38.6	58.0#

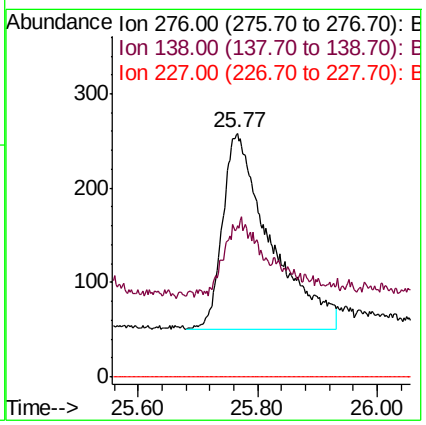


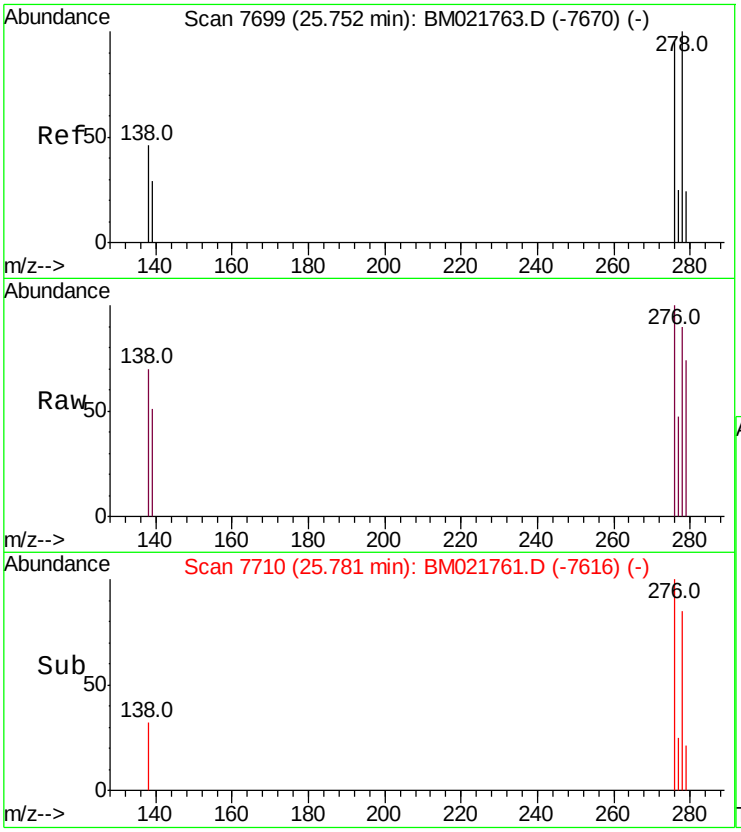


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 25.77 min Scan# 7704
Delta R.T. 0.03 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:276 Resp: 1146

Ion	Ratio	Lower	Upper
276	100		
138	34.9	35.1	52.7#
227	0.0	0.0	0.0



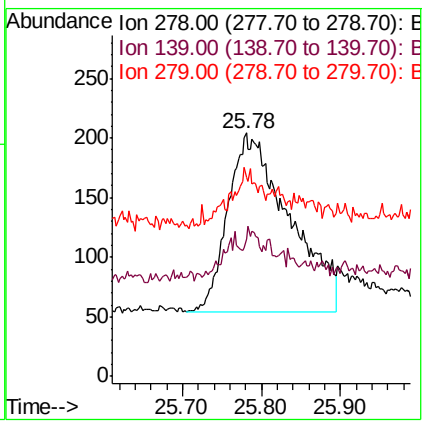


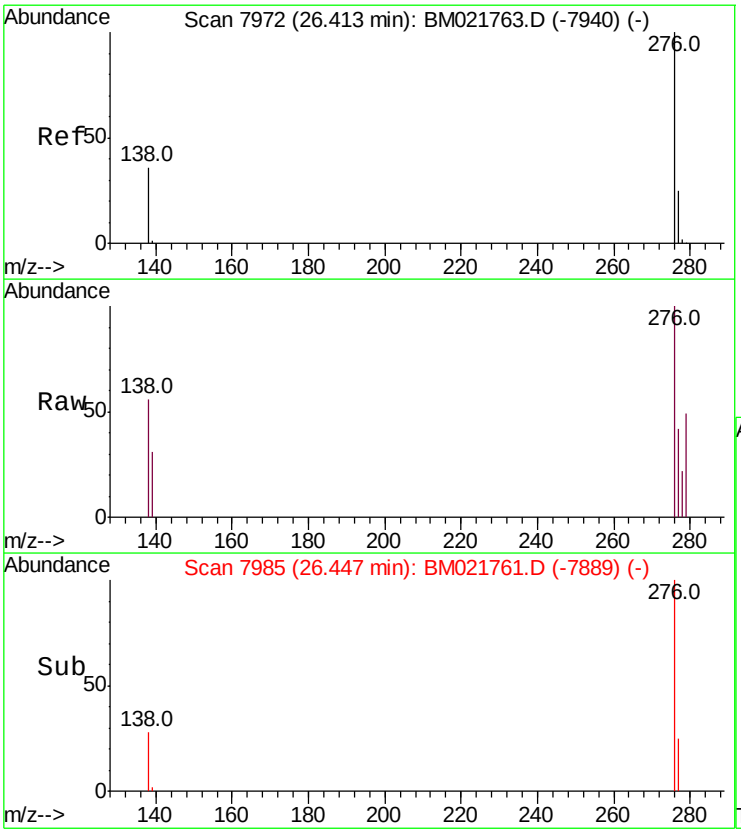
#25
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.78 min Scan# 7710
Delta R.T. 0.03 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 812

Ion	Ratio	Lower	Upper
278	100		
139	56.4	31.6	47.4#
279	81.9	34.2	51.2#





#26
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.45 min Scan# 7985
Delta R.T. 0.03 min
Lab File: BM021761.D
Acq: 02 Aug 2019 17:20

Tgt Ion:276 Resp: 1162

Ion	Ratio	Lower	Upper
276	100		
138	55.8	36.0	54.0#
277	42.1	24.4	36.6#