Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051421\
Data File : BM030026.D
Acq On : 14 May 2021 19:53
Operator : CG/JU
Sample : PB136113BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS113

Quant Time: May 14 23:14:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:21:45 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1551	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	8471	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.19	164	5291	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	9783	0.40	ng/ul	0.00
17) Chrysene-d12	21.14	240	9196	0.40	ng/ul	0.00
23) Perylene-d12	23.29	264	8455	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	1718	0.71	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	3905	0.32	ng/ul	0.02
18) Fluoranthene-d10	18.98	212	10245	0.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	4249	1.865	ng/ul#	74
5) Naphthalene	10.39	128	7446	0.322	ng/ul	97
7) 2-Methylnaphthalene	12.02	142	4604	0.298	ng/ul	98
8) 1-Methylnaphthalene	12.23	142	4739	0.313	ng/ul	100
10) Acenaphthylene	13.92	152	6298	0.287	ng/ul	98
11) Acenaphthene	14.26	153	6186	0.320	ng/ul	99
12) Fluorene	15.26	166	6404	0.311	ng/ul	99
14) Pentachlorophenol	16.63	266	1233	0.566	ng/ul	98
15) Phenanthrene	16.99	178	9954	0.334	ng/ul	100
16) Anthracene	17.10	178	7865	0.314	ng/ul	99
19) Fluoranthene	19.01	202	13063	0.351	ng/ul	99
20) Pyrene	19.37	202	14140	0.361	ng/ul	99
21) Benzo(a)anthracene	21.13	228	9686	0.348	ng/ul	99
22) Chrysene	21.17	228	13512	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.65	252	11498	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.69	252	13964	0.375	ng/ul	99
26) Benzo(a)pyrene	23.20	252	10723	0.365	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.45	276	12761	0.329	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.46	278	10038	0.321	ng/ul	98
29) Benzo(g,h,i)perylene	26.10	276	11703	0.341	ng/ul	98

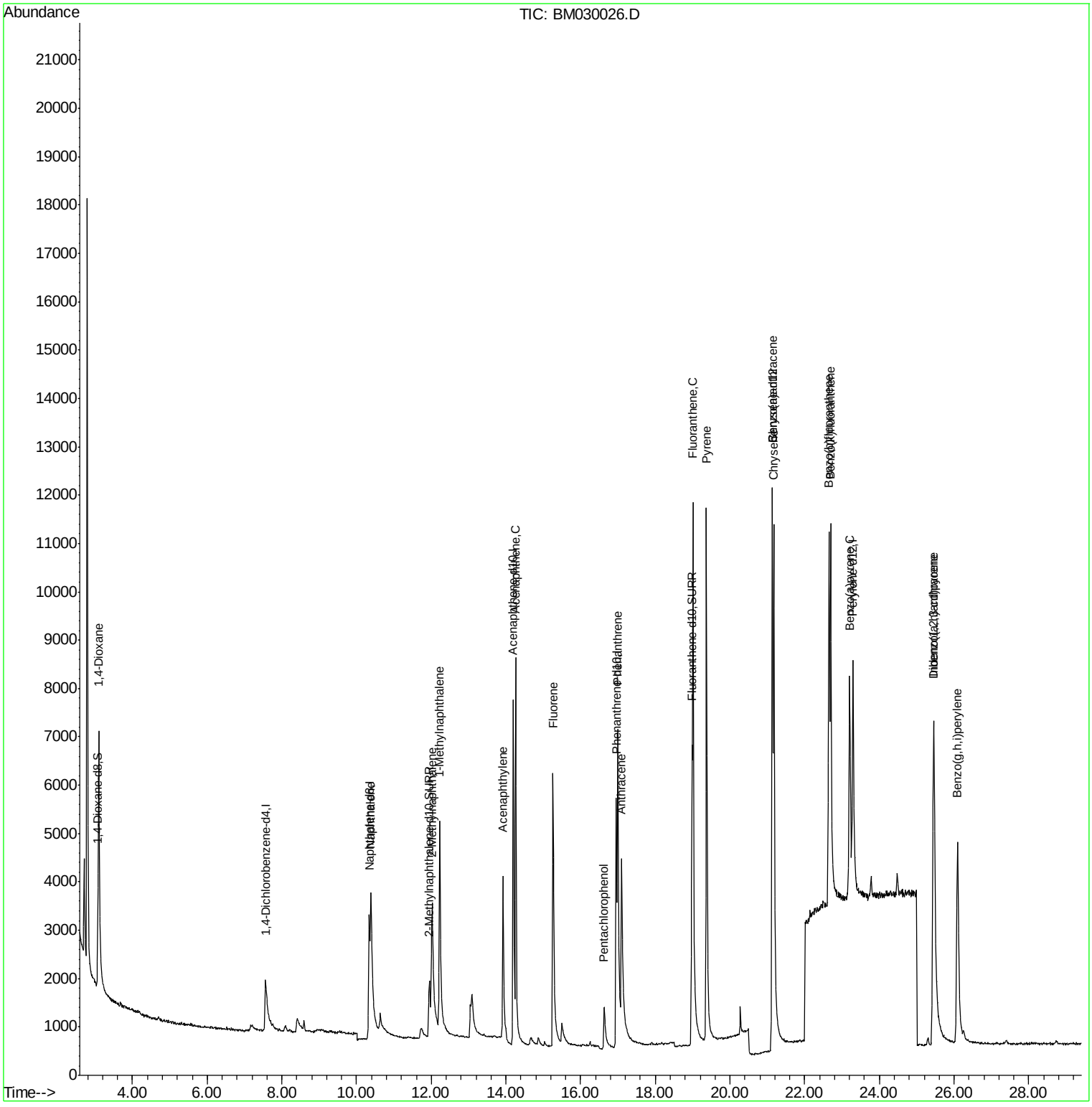
(#) = qualifier out of range (m) = manual integration (+) = signals summed

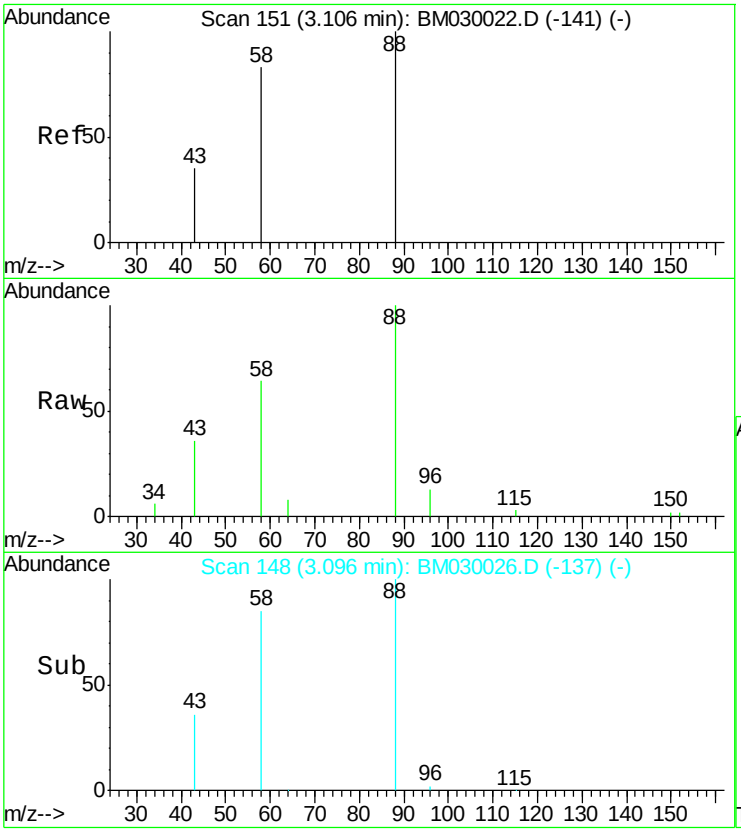
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051421\
Data File : BM030026.D
Acq On : 14 May 2021 19:53
Operator : CG/JU
Sample : PB136113BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS113

Quant Time: May 14 23:14:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:21:45 2021
Response via : Initial Calibration



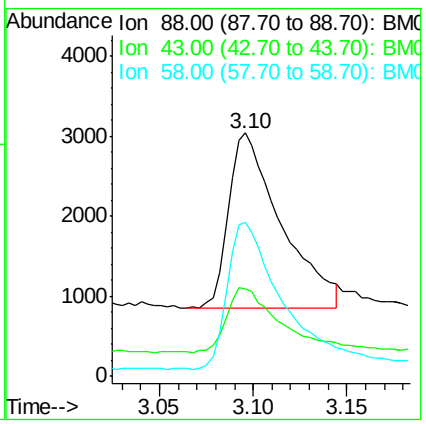


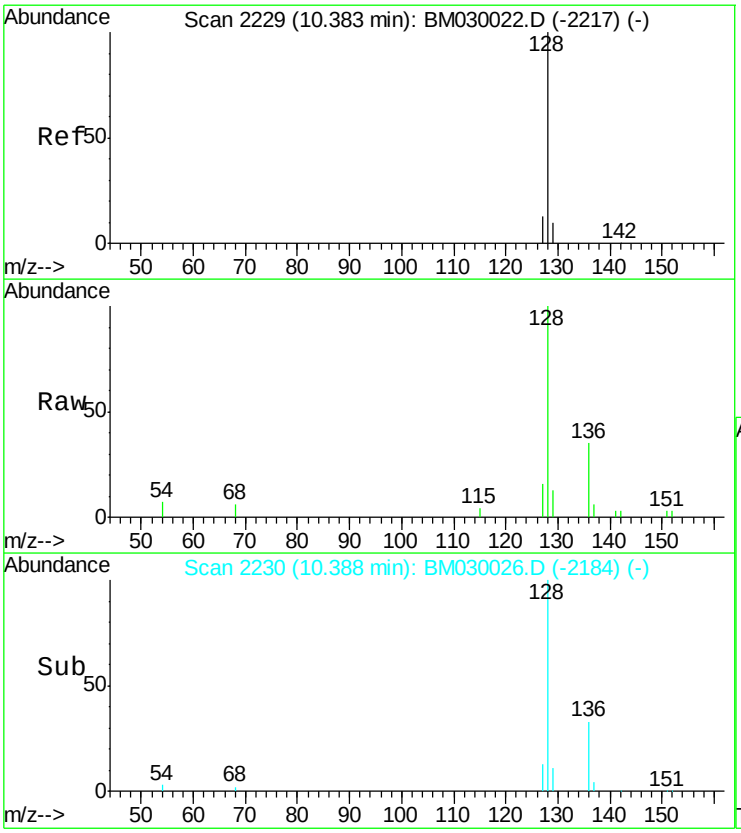
#2
1,4-Dioxane
Concen: 1.865 ng/ul
RT: 3.10 min Scan# 148
Delta R.T. -0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion: 88 Resp: 4249

Ion	Ratio	Lower	Upper
88	100		
43	35.8	36.6	54.8#
58	63.5	32.0	48.0#

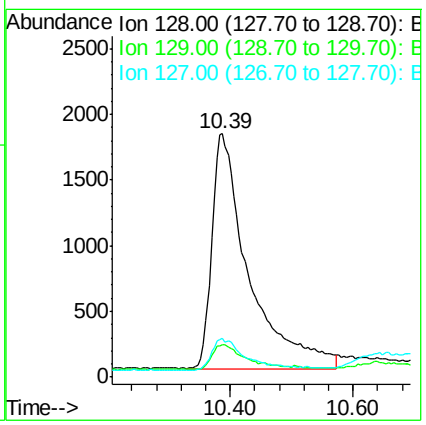


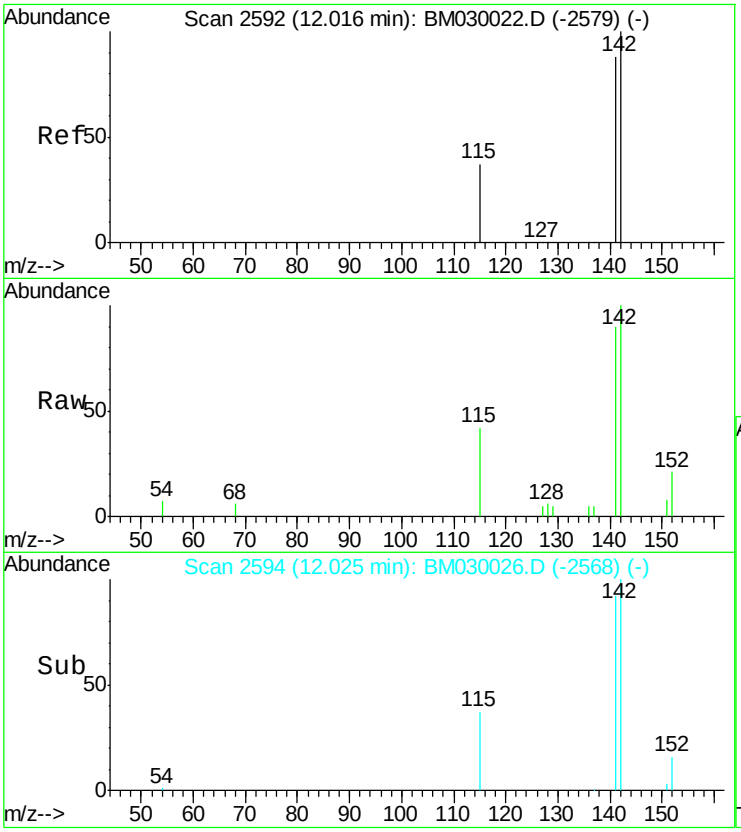


#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.39 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:128 Resp: 7446

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.9	14.9
127	15.7	11.4	17.0



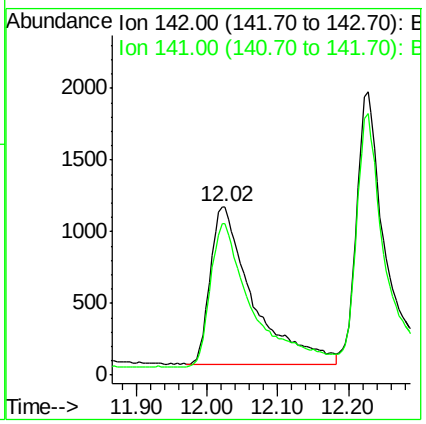


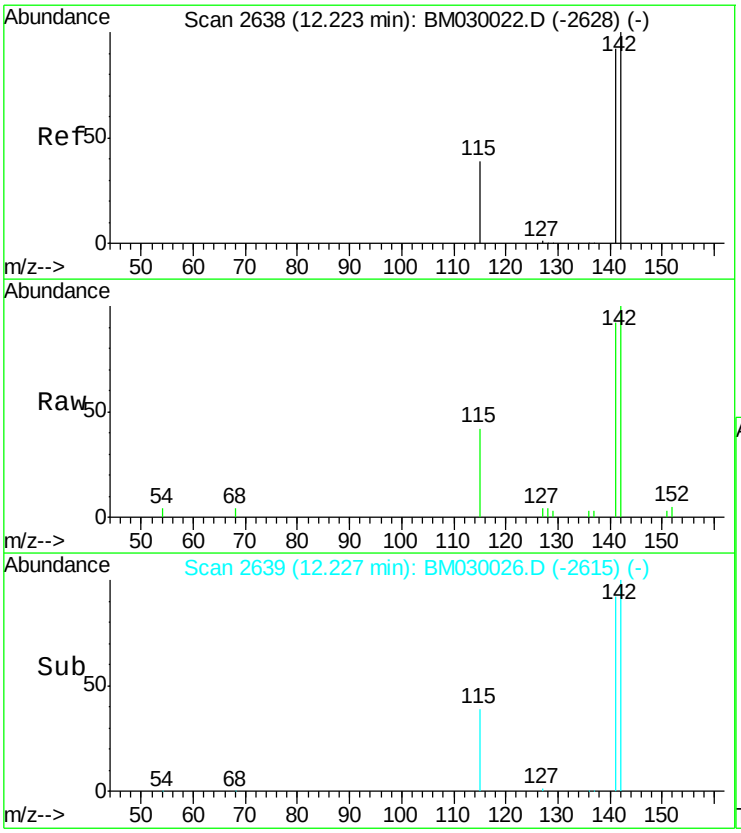
#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.02 min Scan# 2594
Delta R.T. 0.02 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:142 Resp: 4604

Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.8	109.2

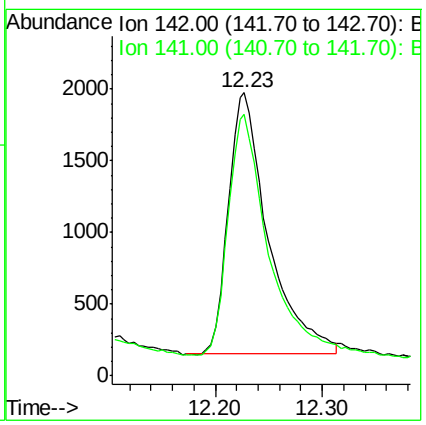


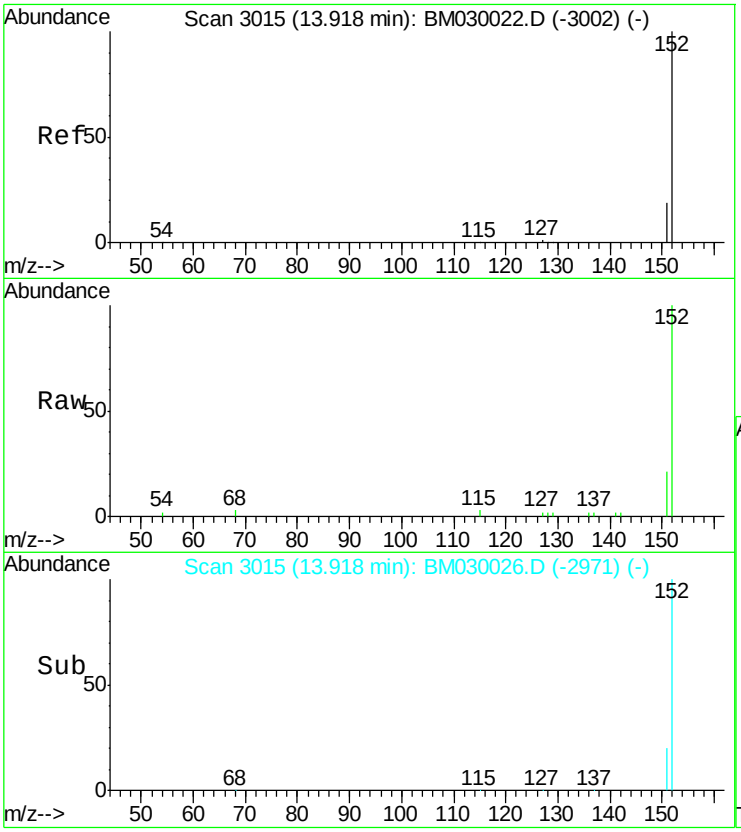


#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.23 min Scan# 2639
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:142 Resp: 4739

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.3	109.9



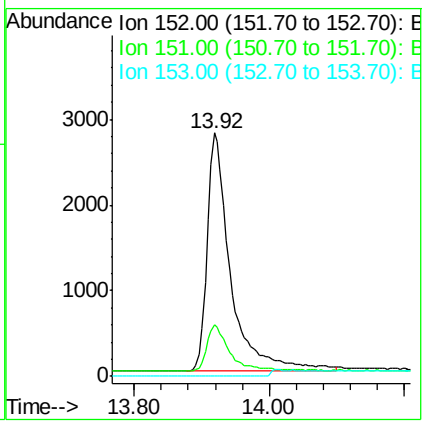


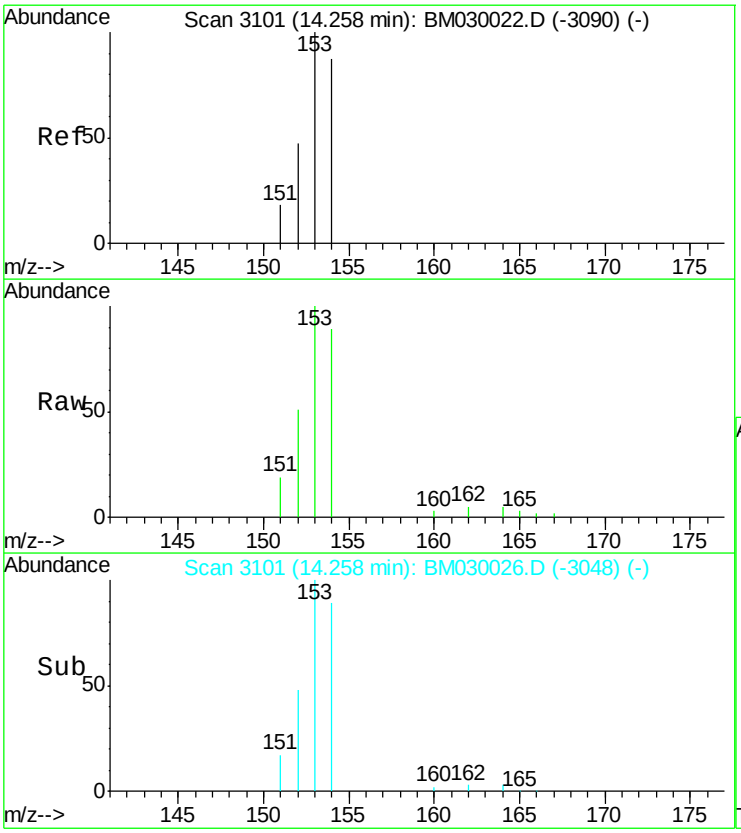
#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.92 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:152 Resp: 6298

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7
153	0.0	0.0	0.0

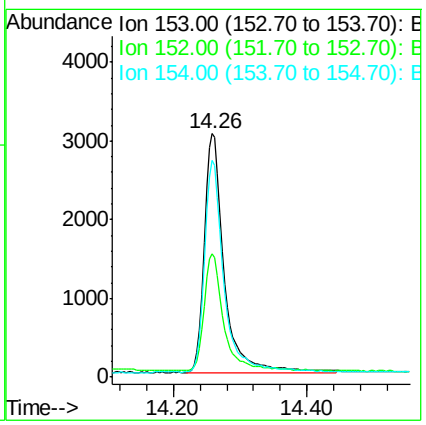


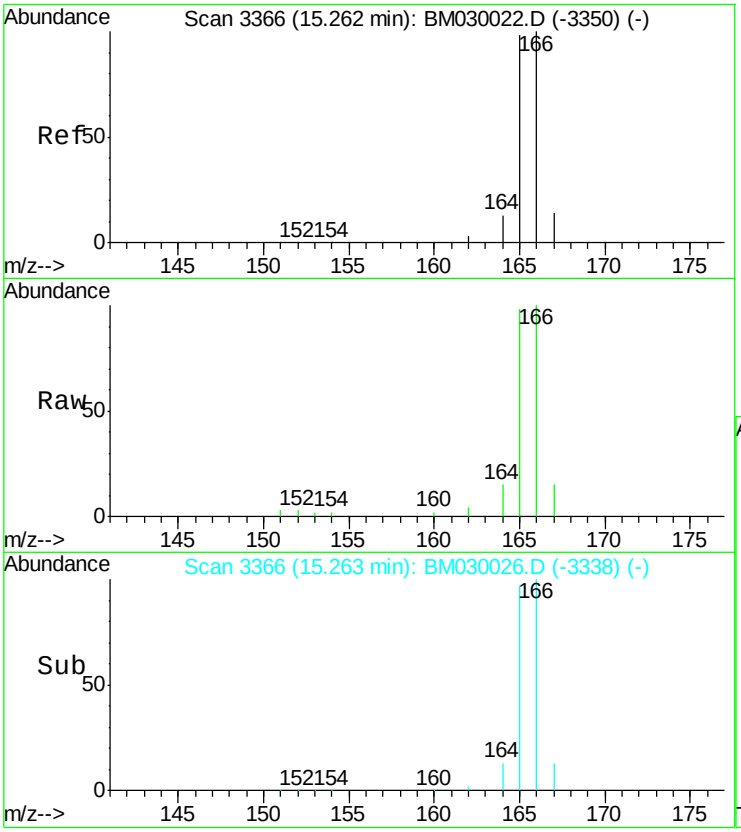


#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.26 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:153 Resp: 6186

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.0	58.6
154	89.2	70.9	106.3



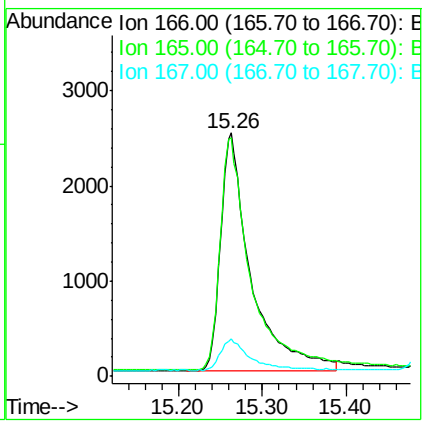


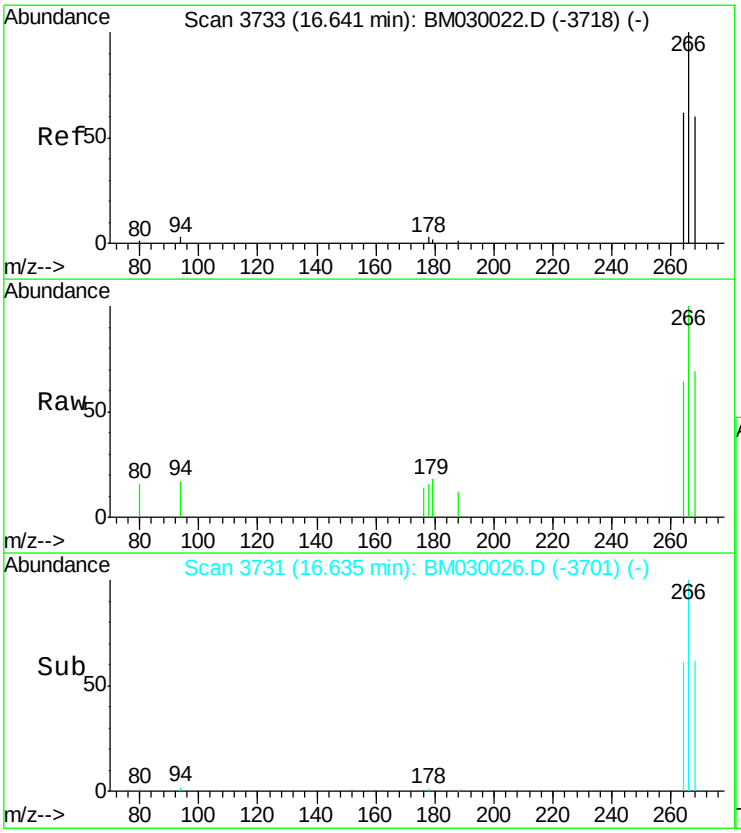
#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.26 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:166 Resp: 6404

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	15.3	11.5	17.3

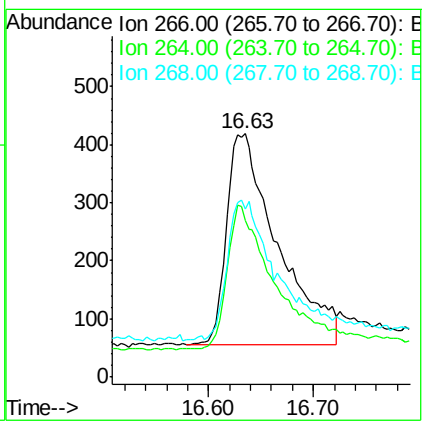


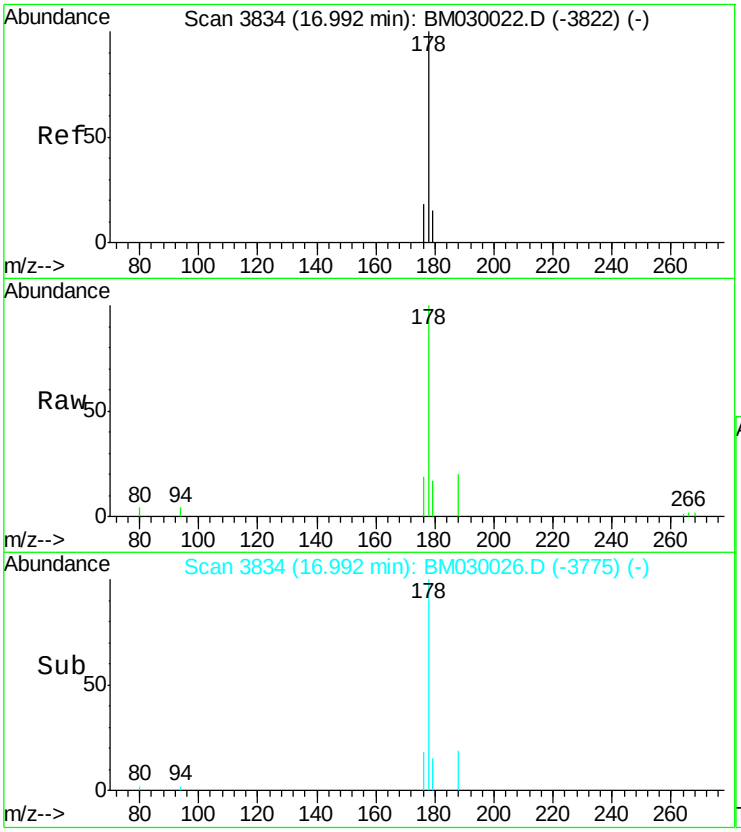


#14
Pentachlorophenol
Concen: 0.566 ng/ul
RT: 16.63 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:266 Resp: 1233

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.7	76.1
268	64.7	53.1	79.7



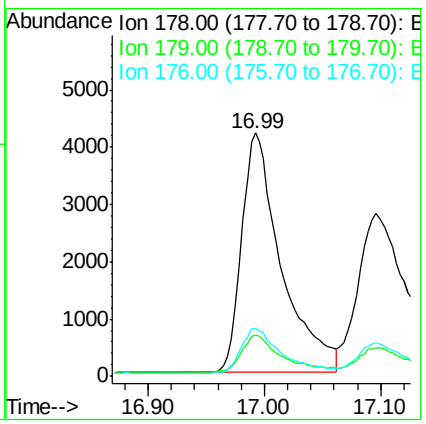


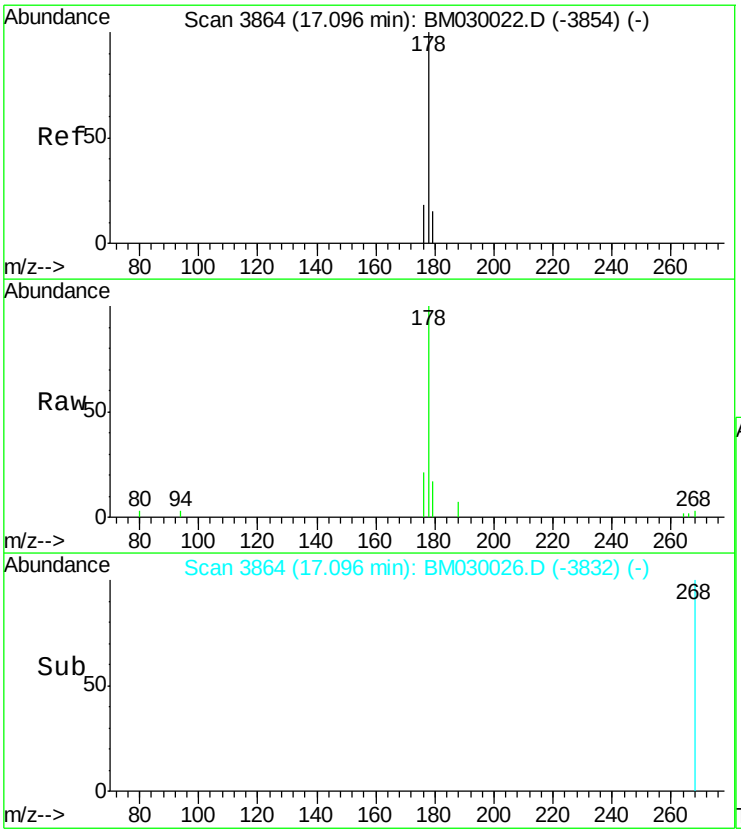
#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 16.99 min Scan# 3834
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:178 Resp: 9954

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	19.5	15.8	23.8

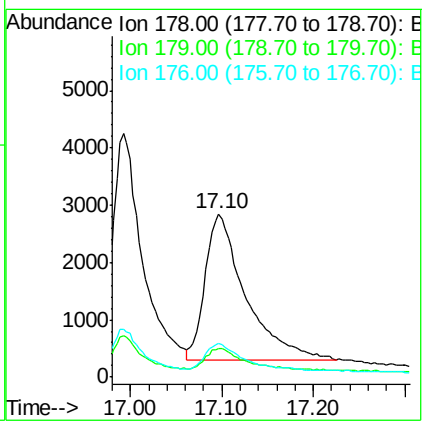


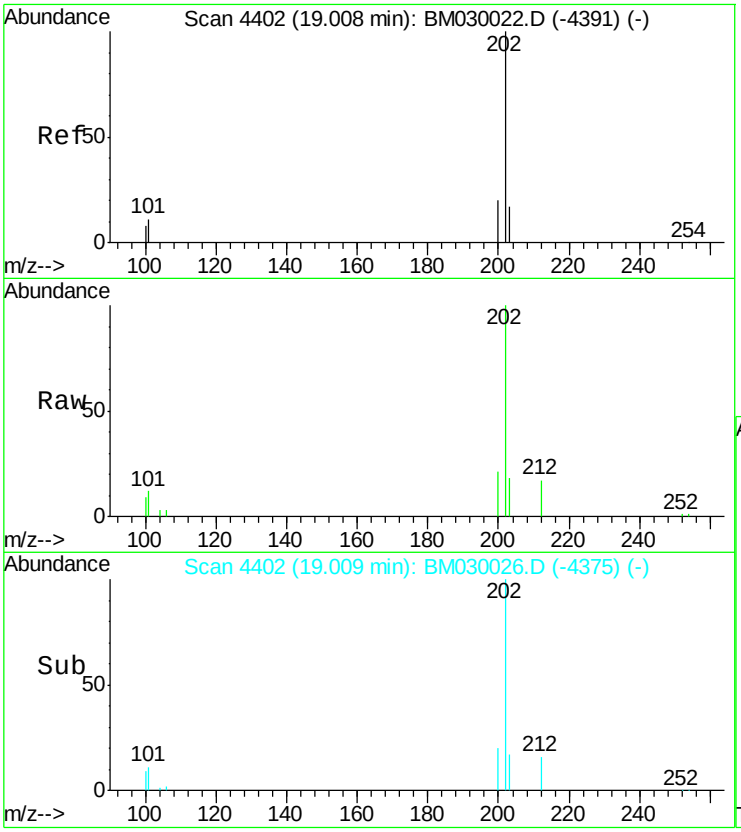


#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.10 min Scan# 3864
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:178 Resp: 7865

Ion	Ratio	Lower	Upper
178	100		
179	17.4	14.0	21.0
176	20.7	15.8	23.8



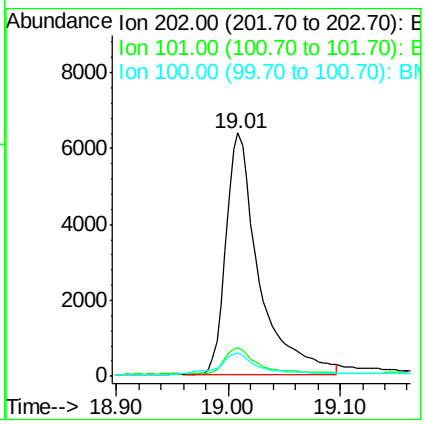


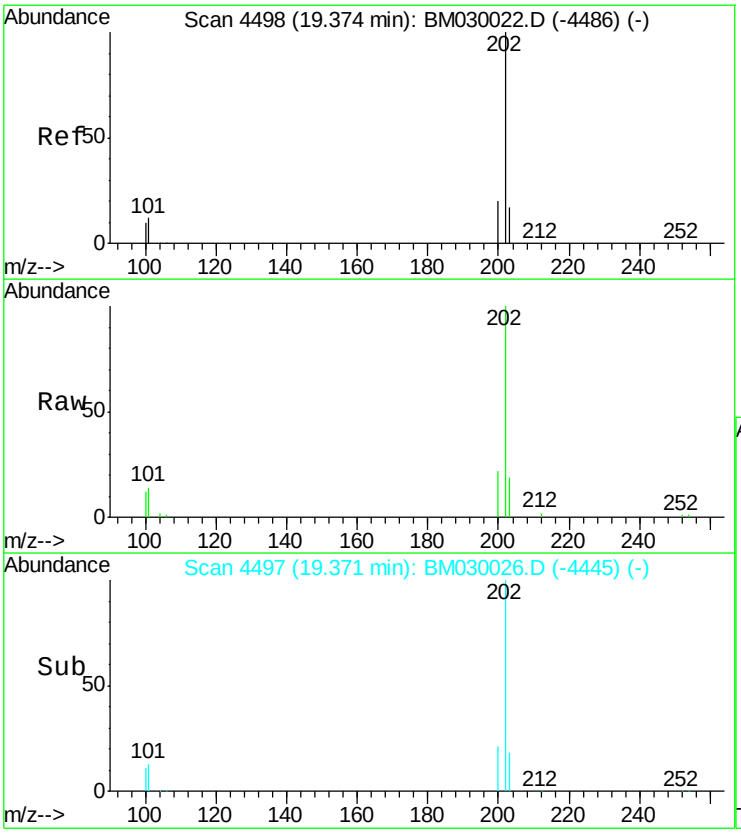
#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.01 min Scan# 4402
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:202 Resp: 13063

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
100	9.5	7.4	11.2

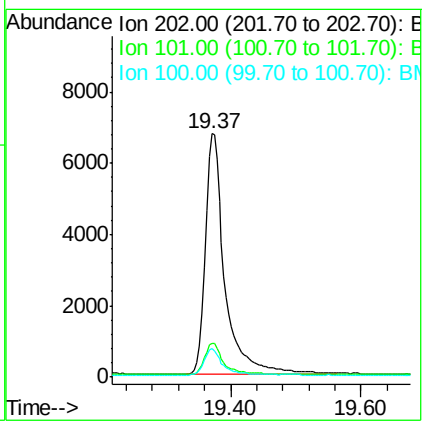


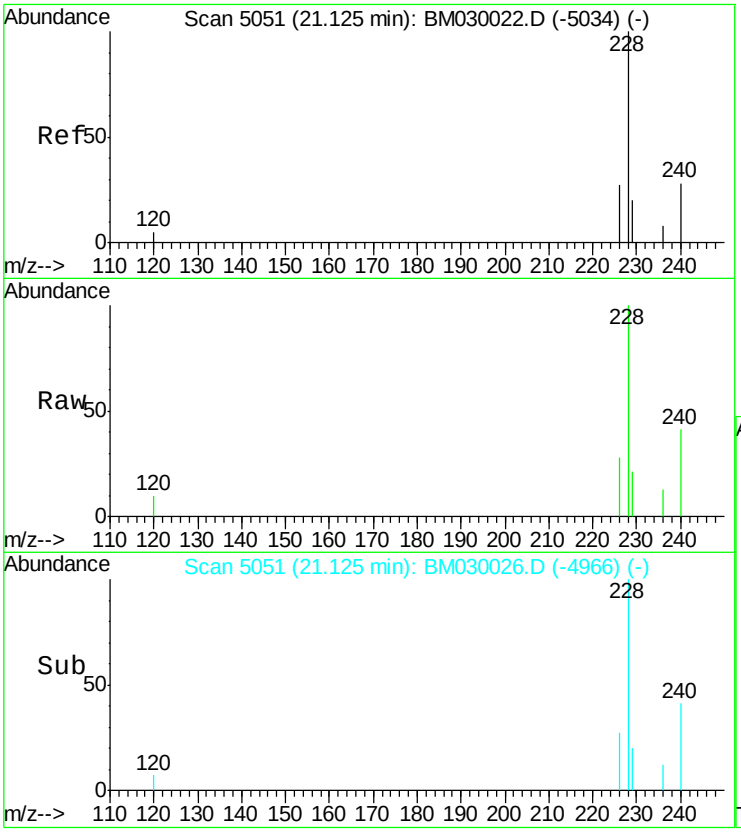


#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.37 min Scan# 4497
Delta R.T. -0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:202 Resp: 14140

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
100	11.5	8.9	13.3



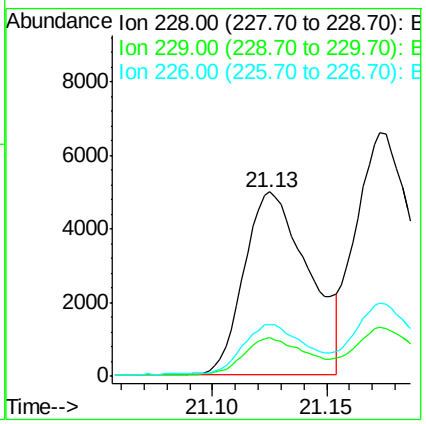


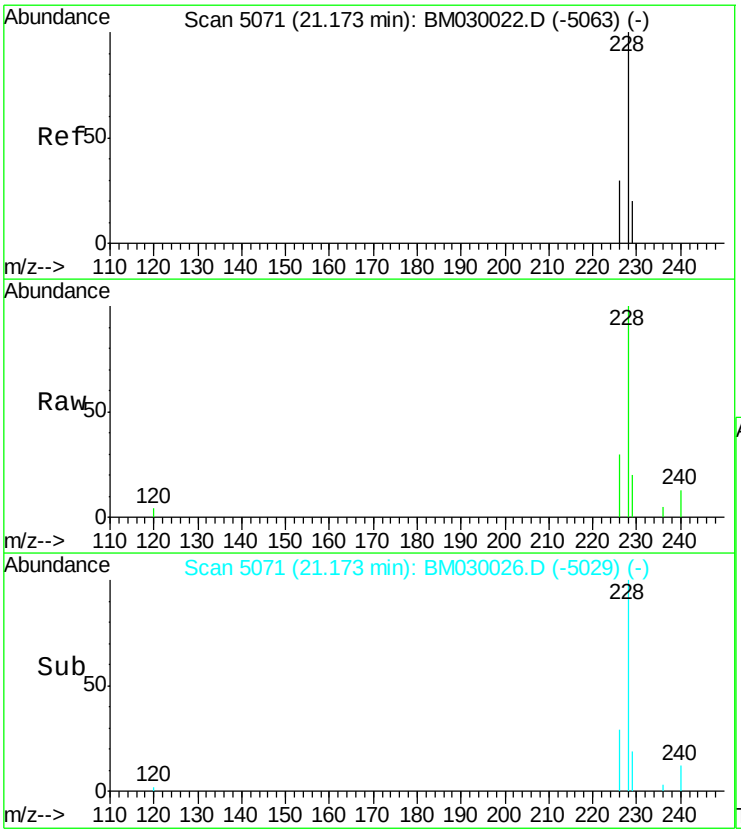
#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.13 min Scan# 5051
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:228 Resp: 9686

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.5	24.7
226	27.7	22.6	33.8

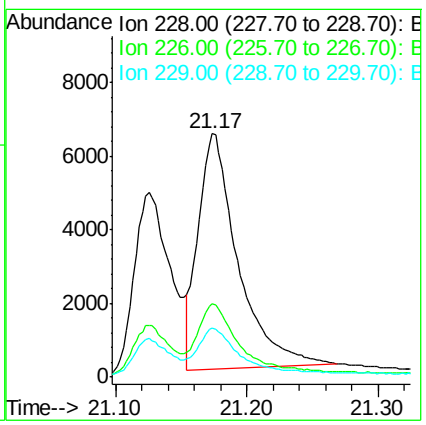


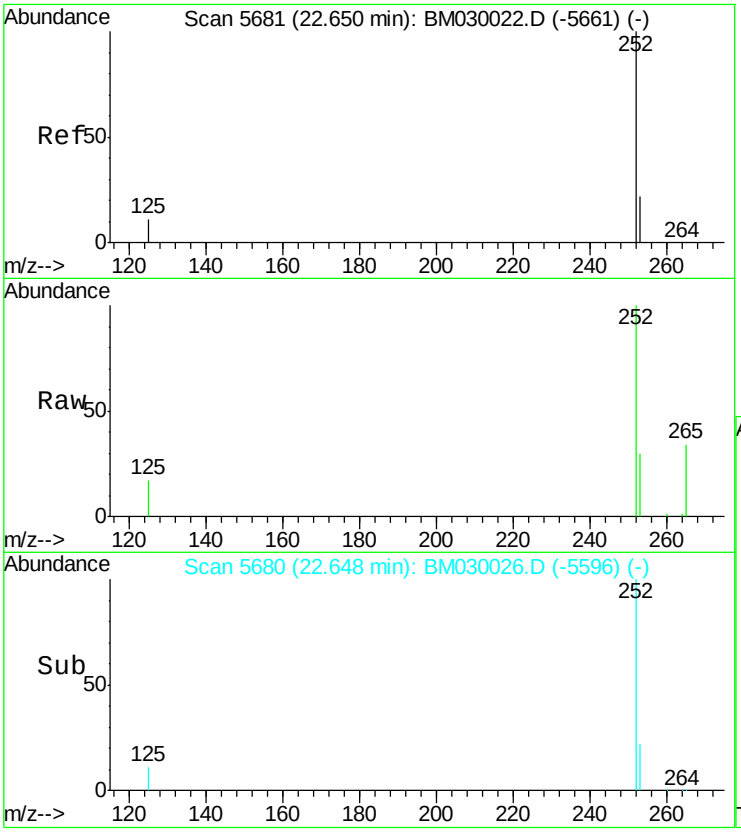


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.17 min Scan# 5071
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:228 Resp: 13512

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.9	16.4	24.6



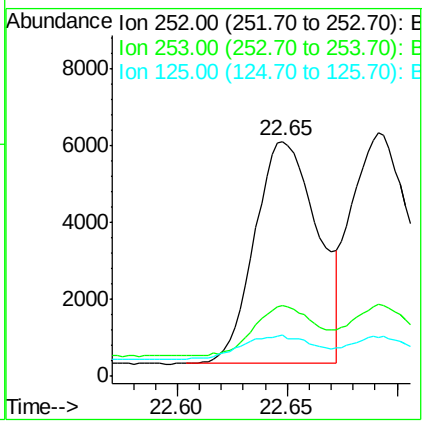


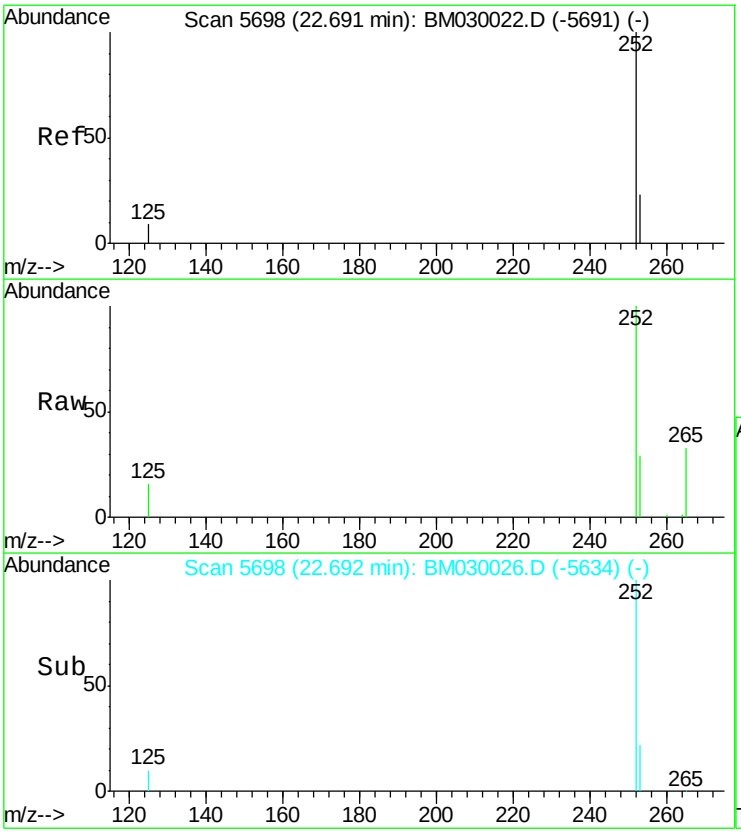
#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.65 min Scan# 5680
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:252 Resp: 11498

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	59.0
125	17.4	0.0	33.6

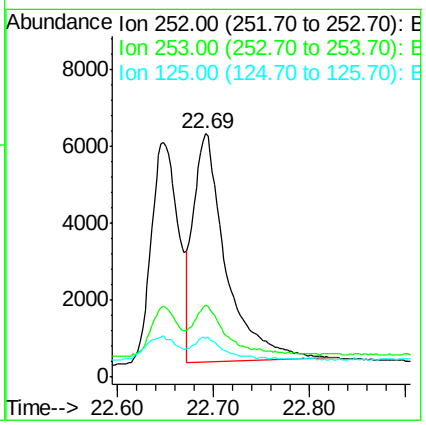


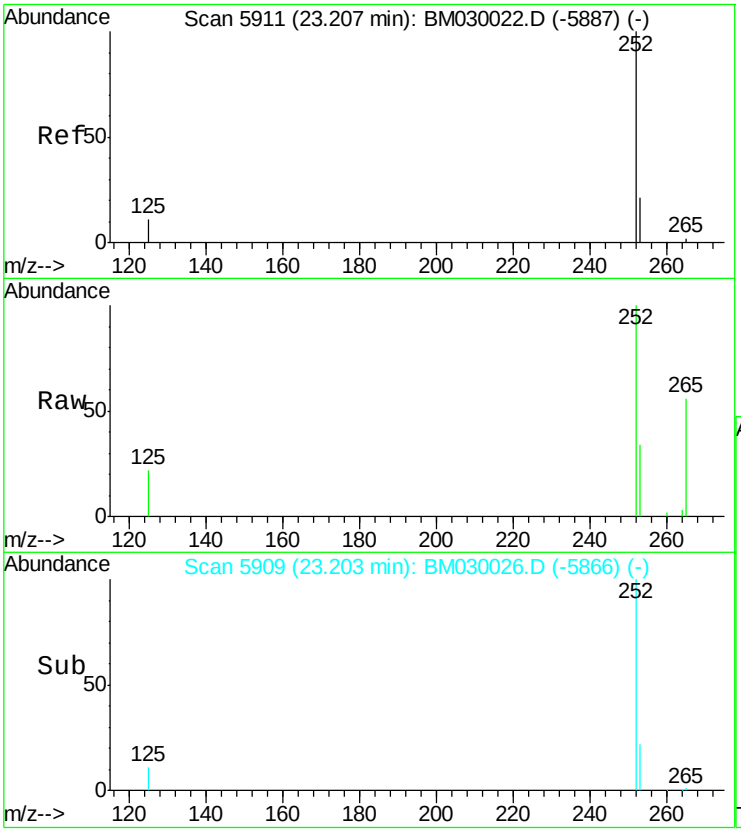


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.69 min Scan# 5698
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:252 Resp: 13964

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.8	35.6
125	15.8	13.7	20.5



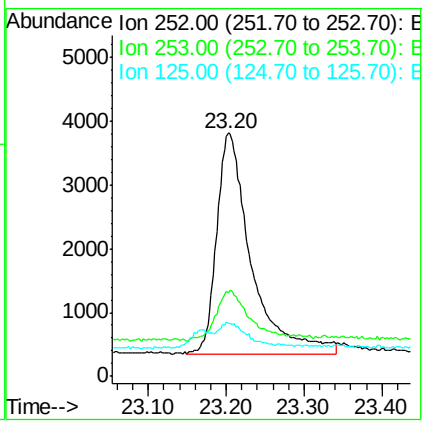


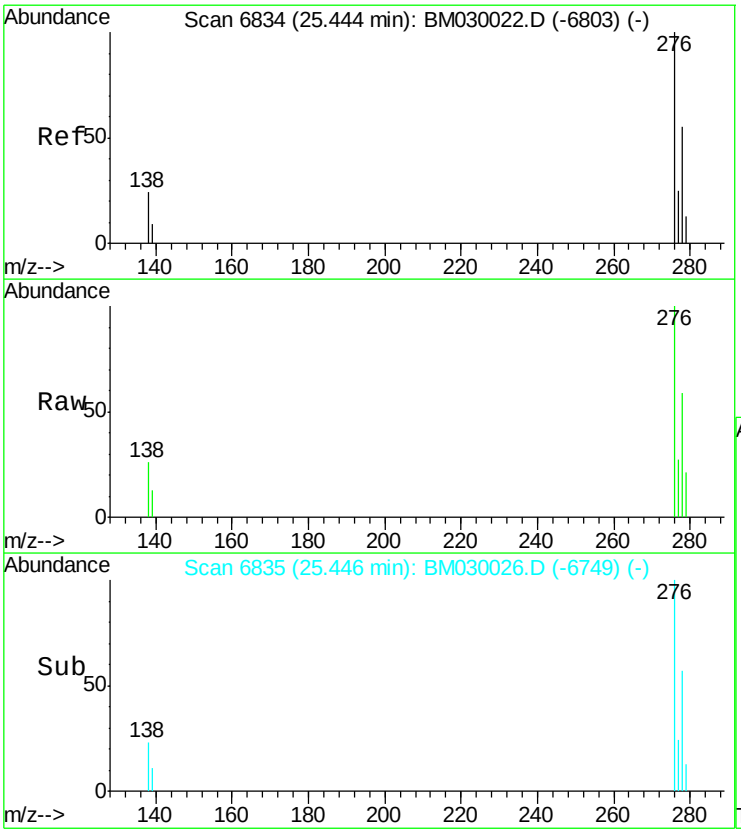
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.20 min Scan# 5909
Delta R.T. 0.00 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:252 Resp: 10723

Ion	Ratio	Lower	Upper
252	100		
253	34.4	27.4	41.0
125	21.5	17.1	25.7

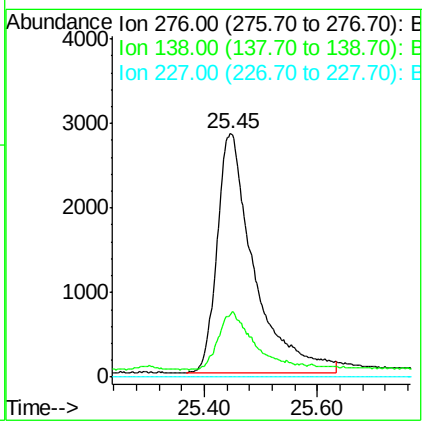


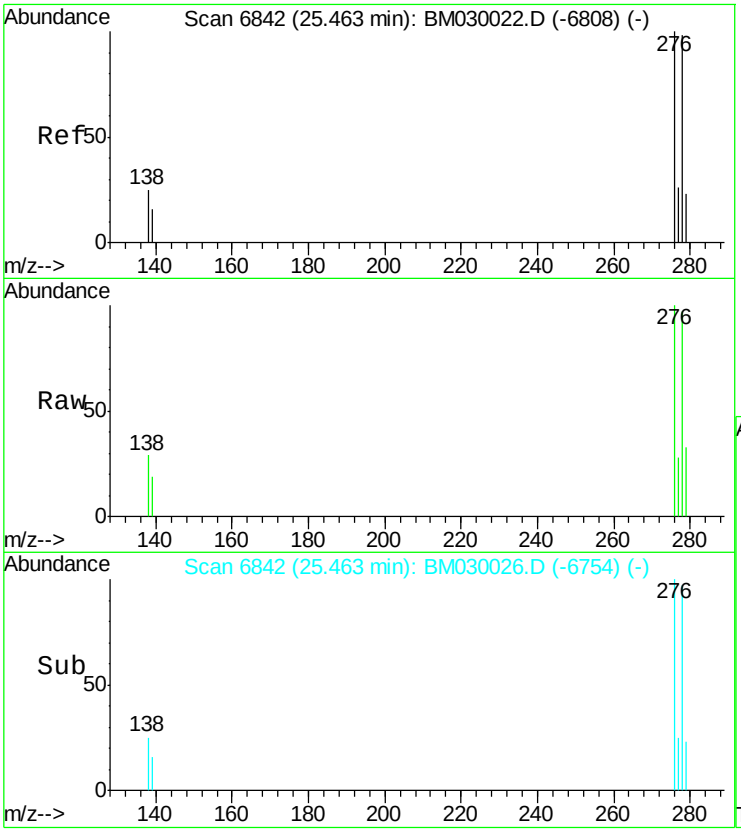


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 25.45 min Scan# 6835
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:276 Resp: 12761

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.4	30.6
227	0.0	0.0	0.0



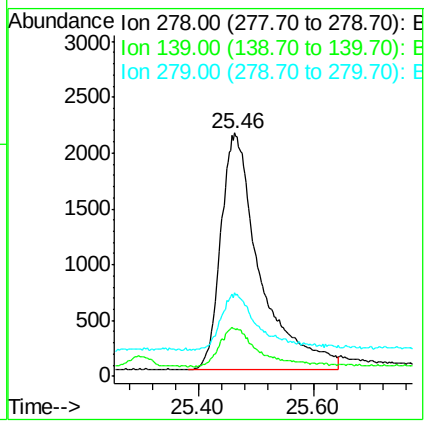


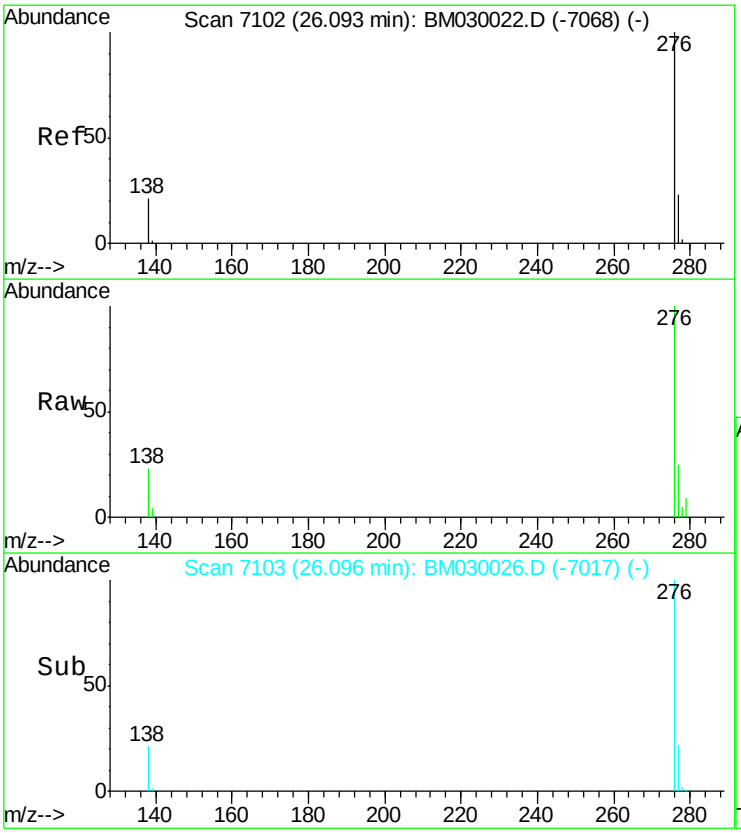
#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 25.46 min Scan# 6842
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS113

Tgt Ion:278 Resp: 10038

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.0	24.0
279	34.2	25.7	38.5





#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 26.10 min Scan# 7103
Delta R.T. 0.01 min
Lab File: BM030026.D
Acq: 14 May 2021 19:53

Tgt Ion:276 Resp: 11703

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.4	29.2
277	24.9	20.5	30.7