Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
Data File : BM028104.D
Acq On : 11 Dec 2020 17:57
Operator : JU/CG
Sample : SSTD0.205
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.2051

Quant Time: Dec 12 02:54:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 12 02:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2597	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	9725	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.85	164	5172	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	10164	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	7952	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	7071	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	575	0.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	2867	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	4834	0.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	694	0.242	ng/ul#	90
5) Naphthalene	11.10	128	5367	0.195	ng/ul	97
7) 2-Methylnaphthalene	12.70	142	3465	0.182	ng/ul	99
8) 1-Methylnaphthalene	12.91	142	3335	0.186	ng/ul	100
10) Acenaphthylene	14.57	152	4010	0.174	ng/ul	97
11) Acenaphthene	14.91	153	3556	0.203	ng/ul	100
12) Fluorene	15.88	166	3937	0.190	ng/ul	97
14) Pentachlorophenol	17.21	266	475	0.142	ng/ul	98
15) Phenanthrene	17.60	178	6057	0.204	ng/ul	97
16) Anthracene	17.69	178	5155	0.177	ng/ul	97
19) Fluoranthene	19.59	202	6220	0.200	ng/ul	98
20) Pyrene	19.94	202	6272	0.202	ng/ul	96
21) Benzo(a)anthracene	21.66	228	5143	0.177	ng/ul	98
22) Chrysene	21.71	228	5571	0.187	ng/ul	99
24) Benzo(b)fluoranthene	23.32	252	5520	0.194	ng/ul	81
25) Benzo(k)fluoranthene	23.37	252	5297	0.187	ng/ul#	84
26) Benzo(a)pyrene	23.94	252	4567	0.177	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.47	276	5928	0.196	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.49	278	5000	0.199	ng/ul#	89
29) Benzo(g,h,i)perylene	27.22	276	5323	0.209	ng/ul	97

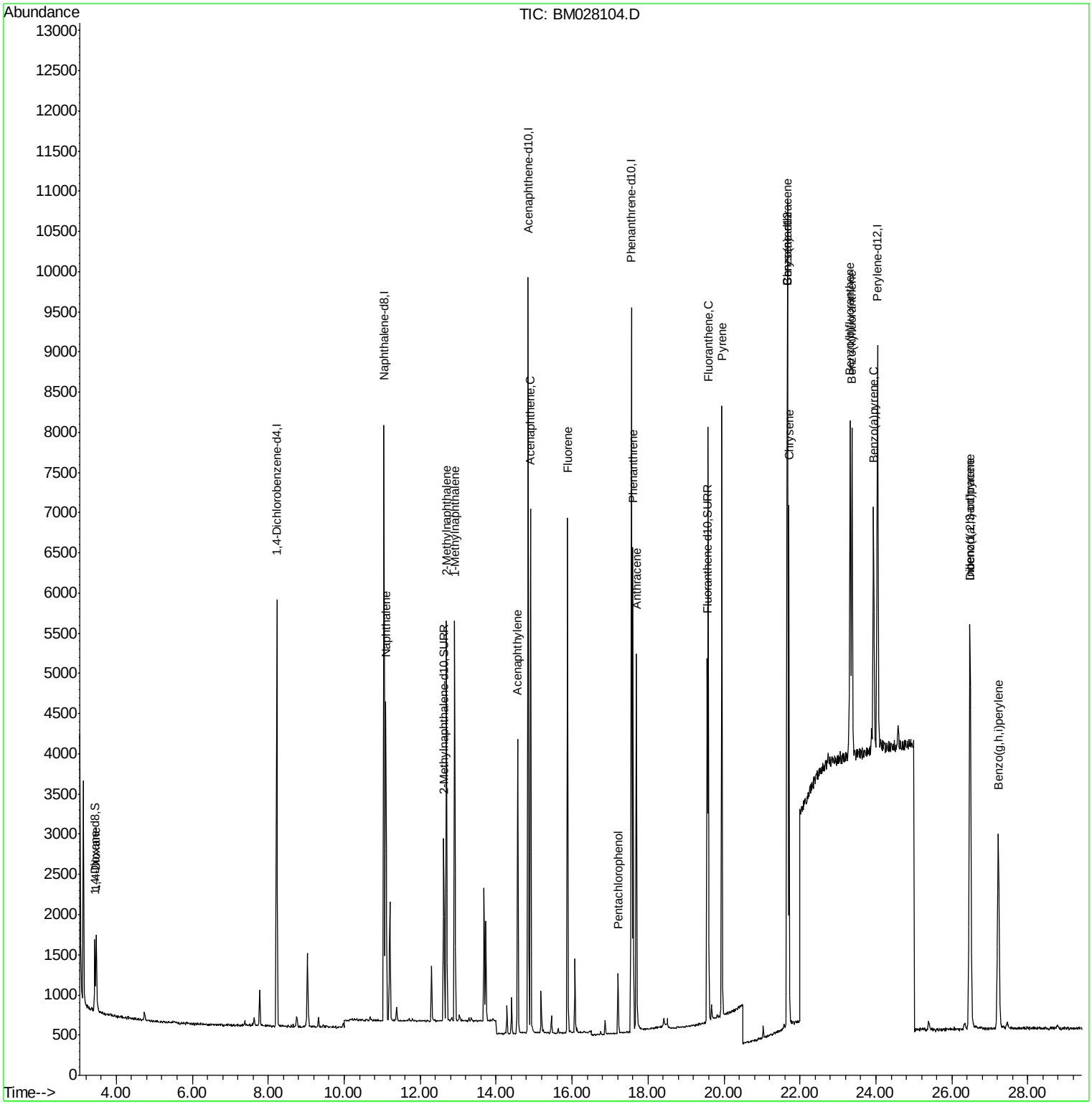
(#) = qualifier out of range (m) = manual integration (+) = signals summed

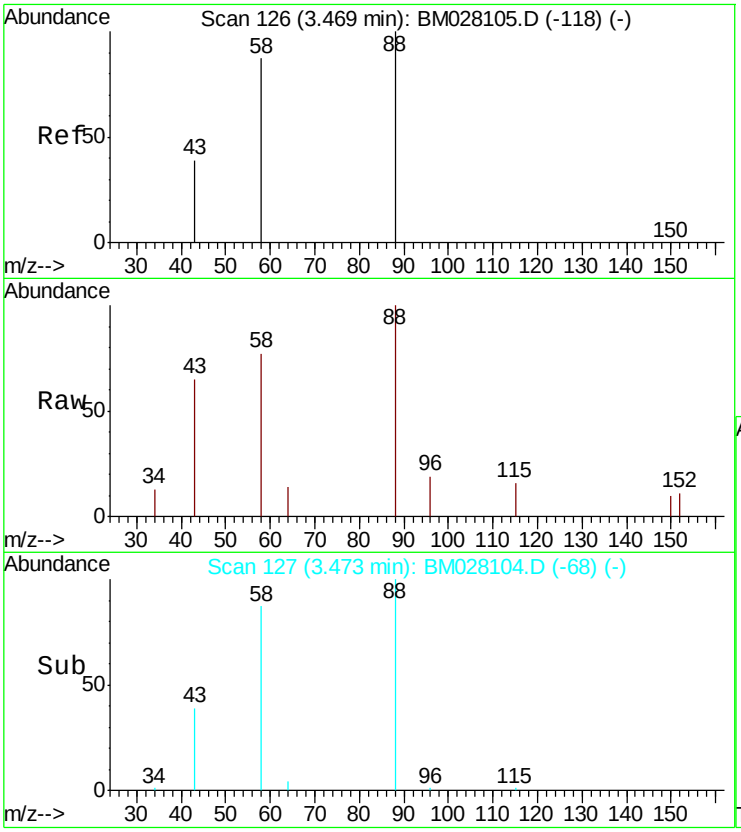
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
Data File : BM028104.D
Acq On : 11 Dec 2020 17:57
Operator : JU/CG
Sample : SSTD0.205
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Quant Time: Dec 12 02:54:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 12 02:45:43 2020
Response via : Initial Calibration



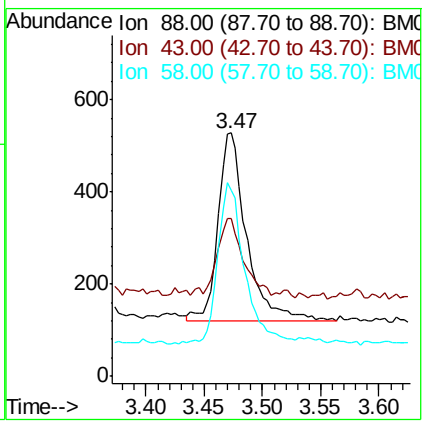


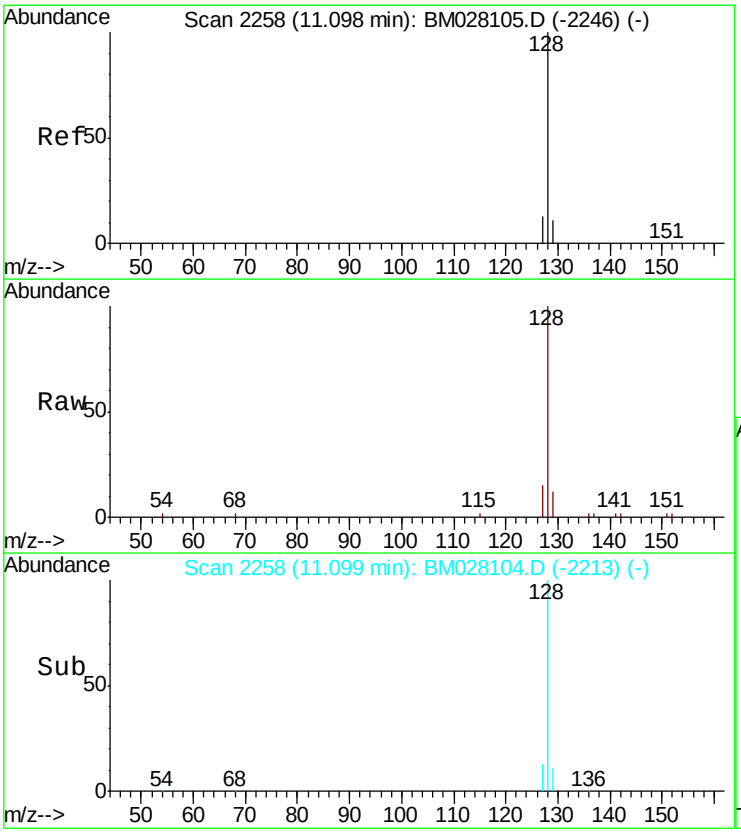
#2
1,4-Dioxane
Concen: 0.242 ng/ul
RT: 3.47 min Scan# 127
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion: 88 Resp: 694

Ion	Ratio	Lower	Upper
88	100		
43	64.8	39.5	59.3#
58	76.5	62.8	94.2

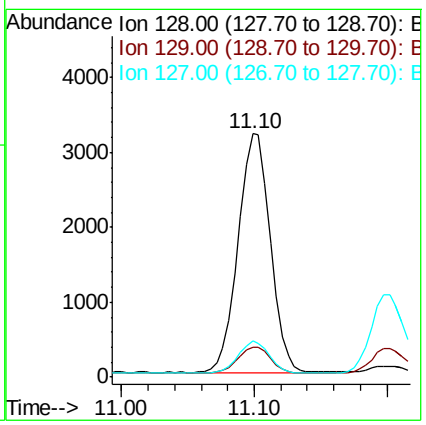


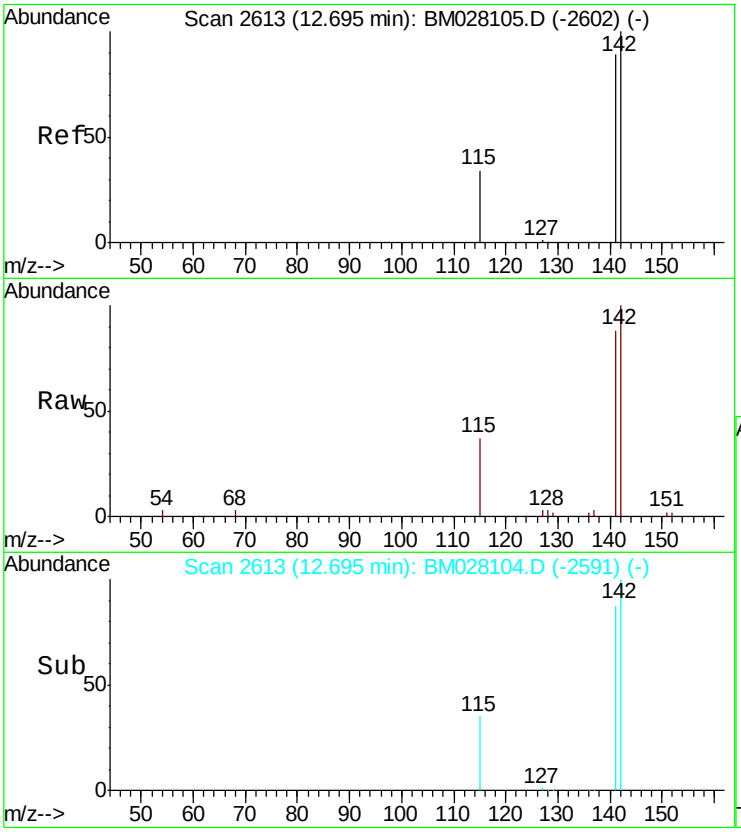


#5
Naphthalene
Concen: 0.195 ng/ul
RT: 11.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:128 Resp: 5367

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	14.8	10.8	16.2



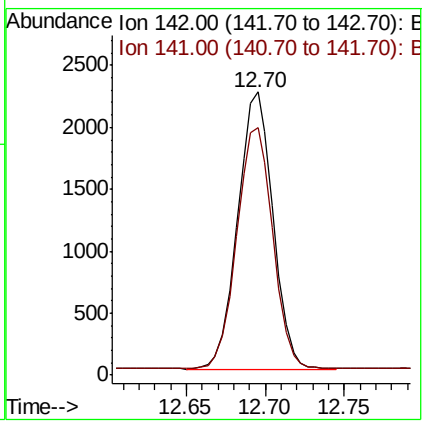


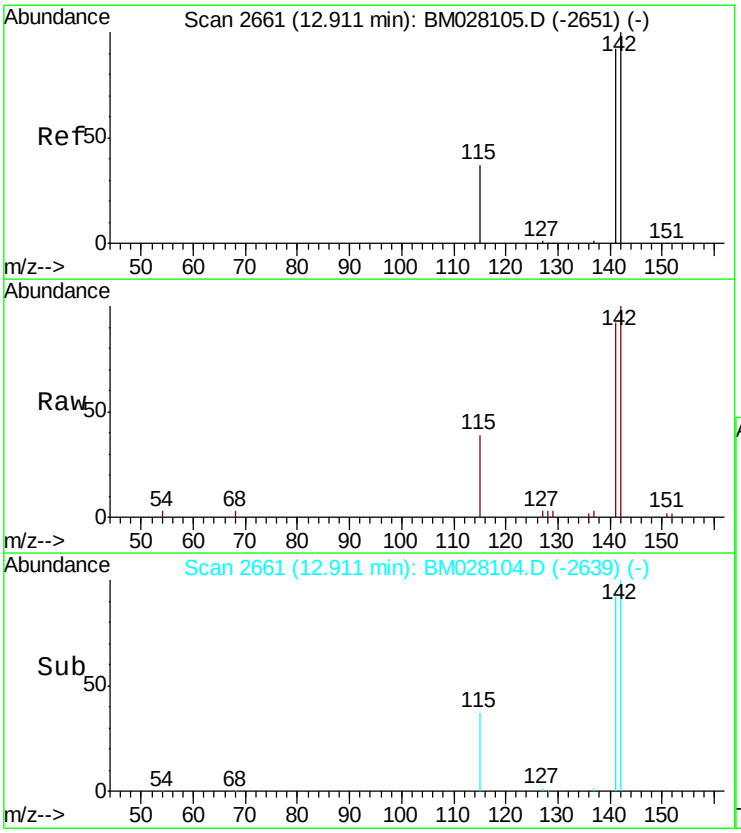
#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.70 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:142 Resp: 3465

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.8	107.8

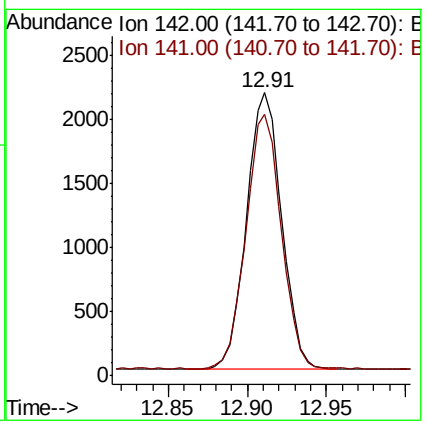


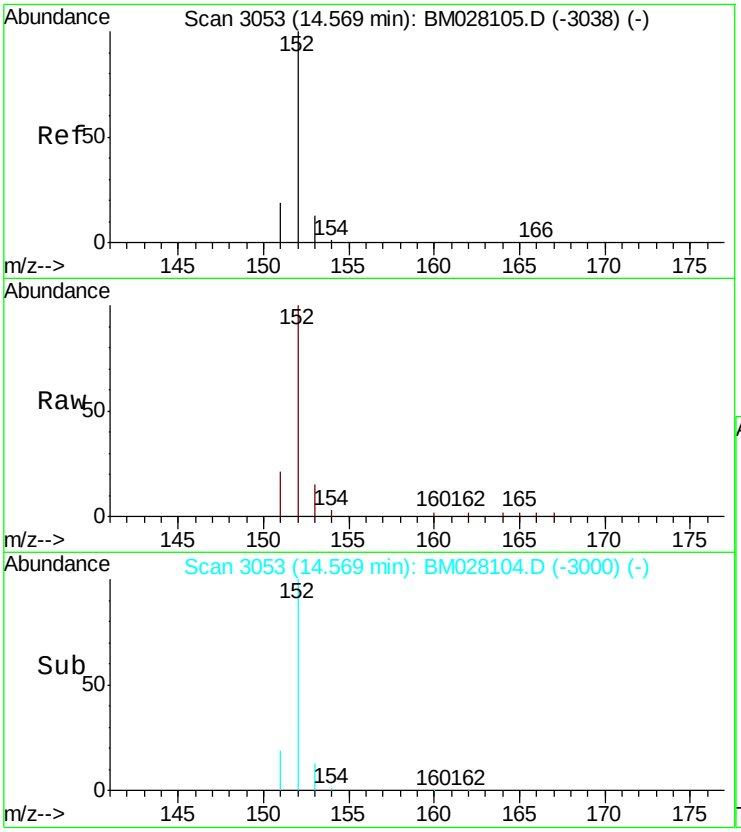


#8
1-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.91 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:142 Resp: 3335

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6



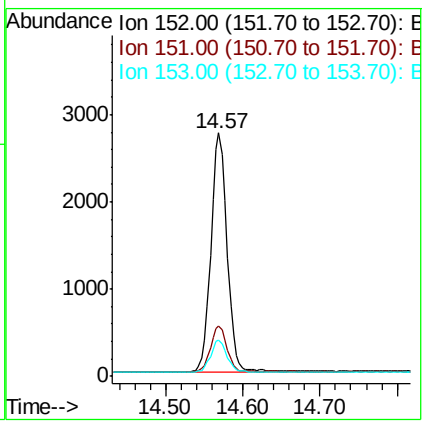


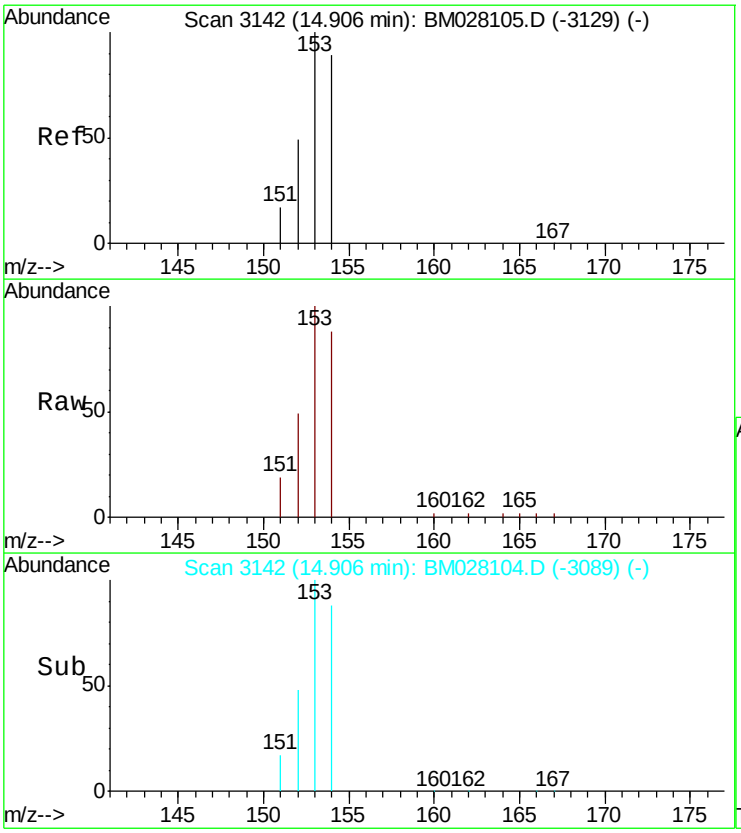
#10
Acenaphthylene
Concen: 0.174 ng/ul
RT: 14.57 min Scan# 3053
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:152 Resp: 4010

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	15.0	10.7	16.1

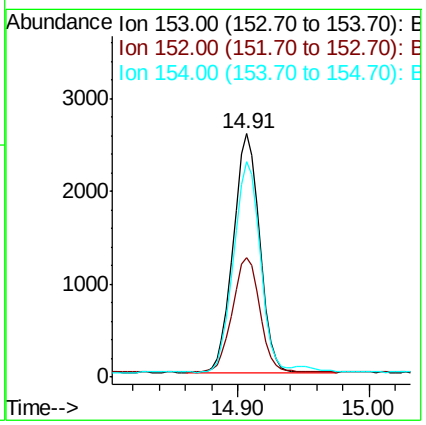


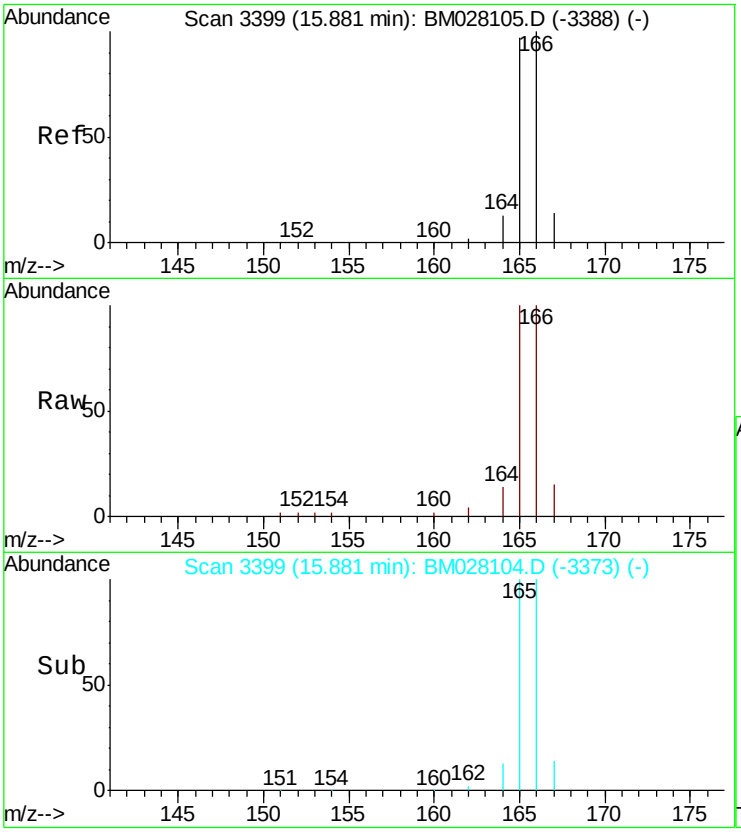


#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.91 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:153 Resp: 3556

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.5	59.3
154	88.3	71.0	106.4



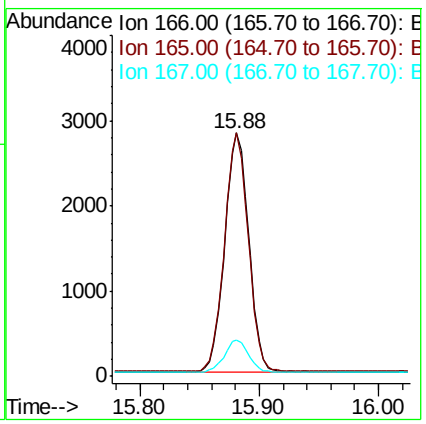


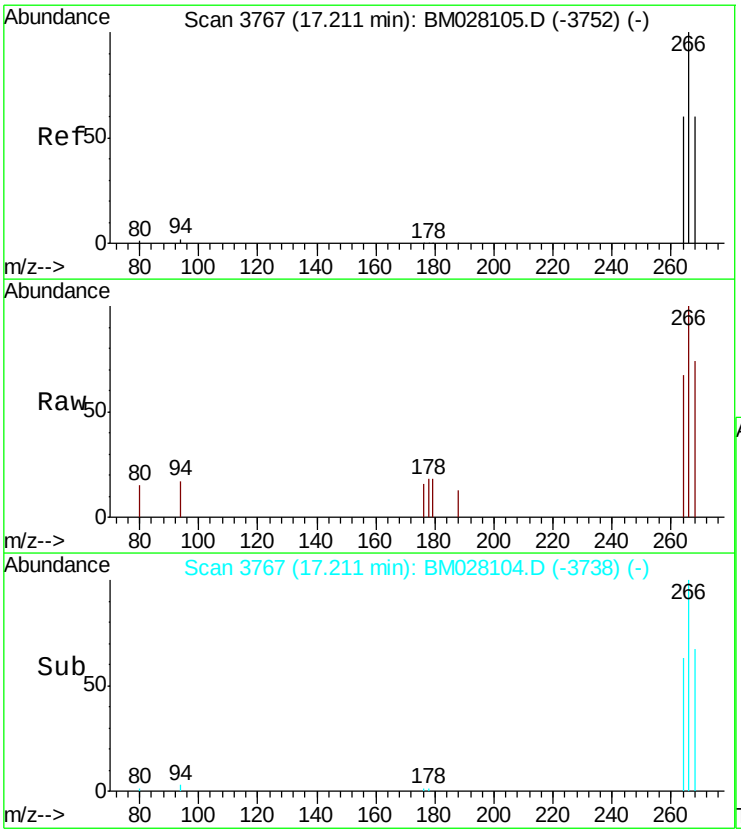
#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.88 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:166 Resp: 3937

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	15.0	11.4	17.0

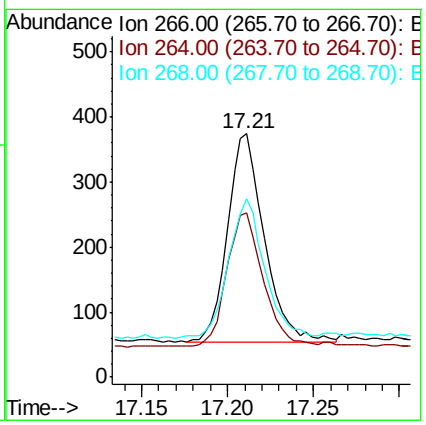


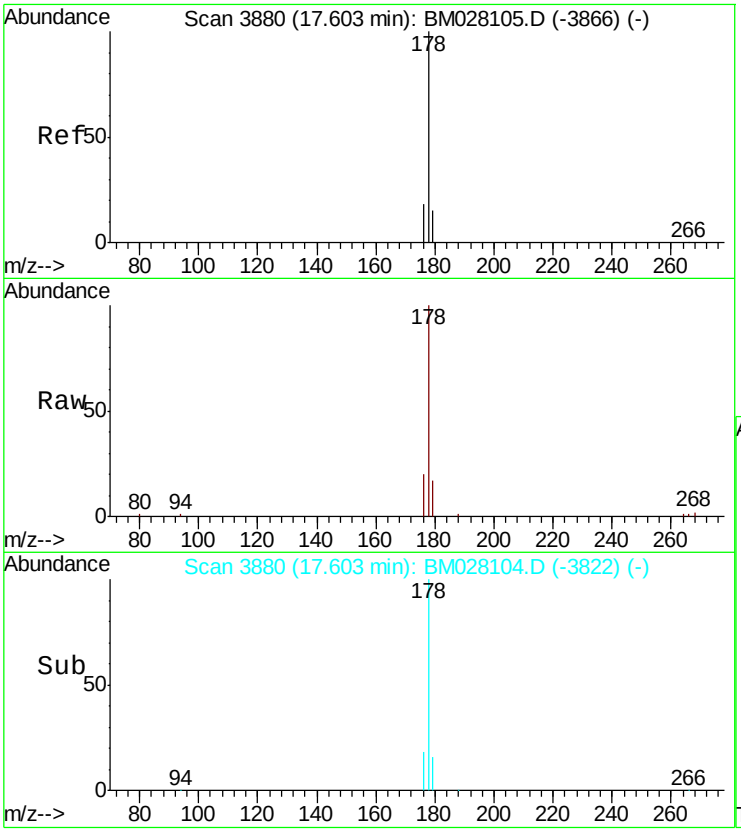


#14
Pentachlorophenol
Concen: 0.142 ng/ul
RT: 17.21 min Scan# 3767
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:266 Resp: 475

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.6	77.4
268	65.9	51.6	77.4



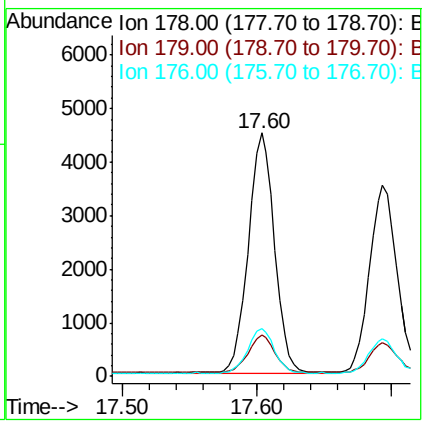


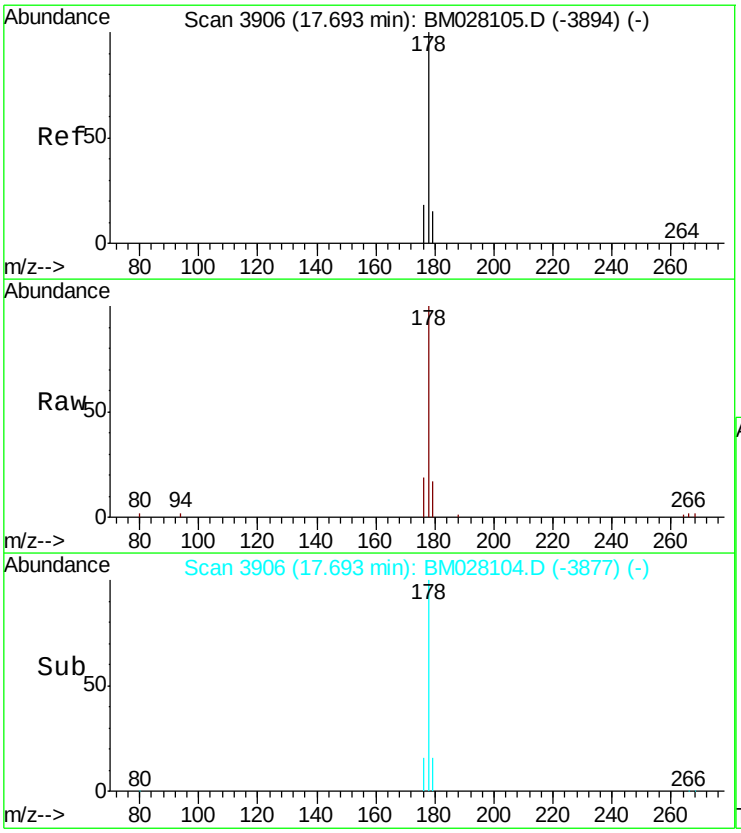
#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.60 min Scan# 3880
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:178 Resp: 6057

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	18.8
176	19.5	14.9	22.3

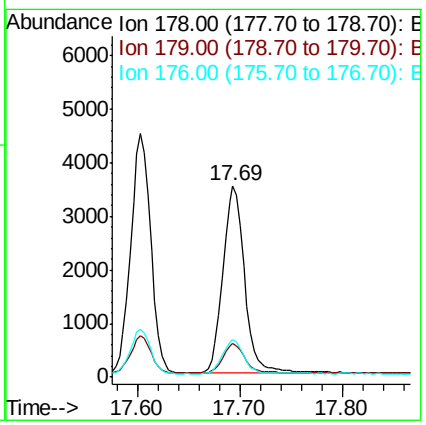


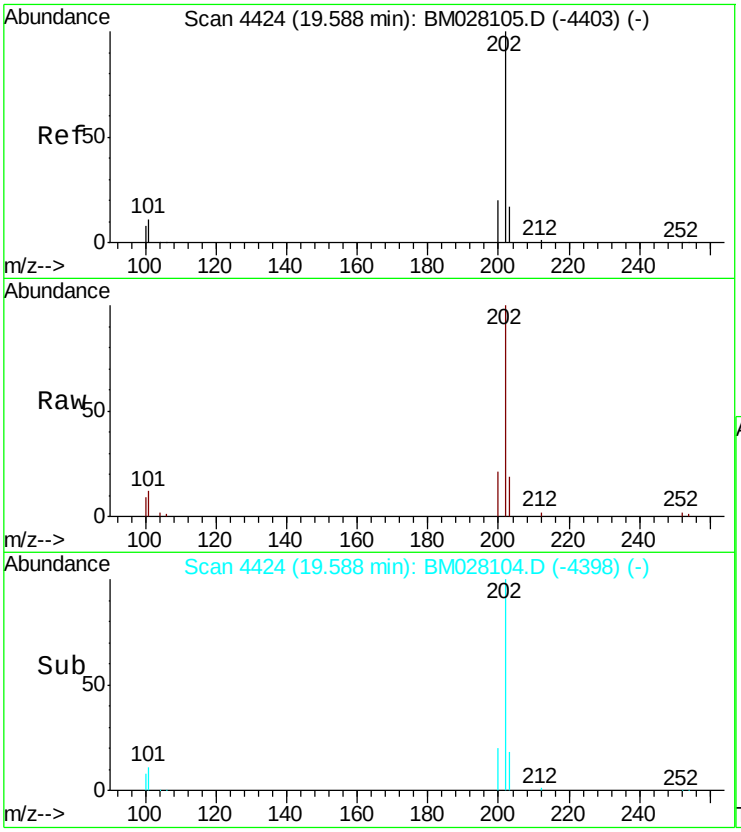


#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:178 Resp: 5155

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.5	18.7
176	19.4	14.7	22.1



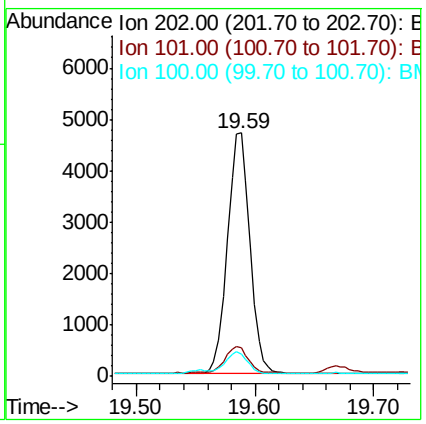


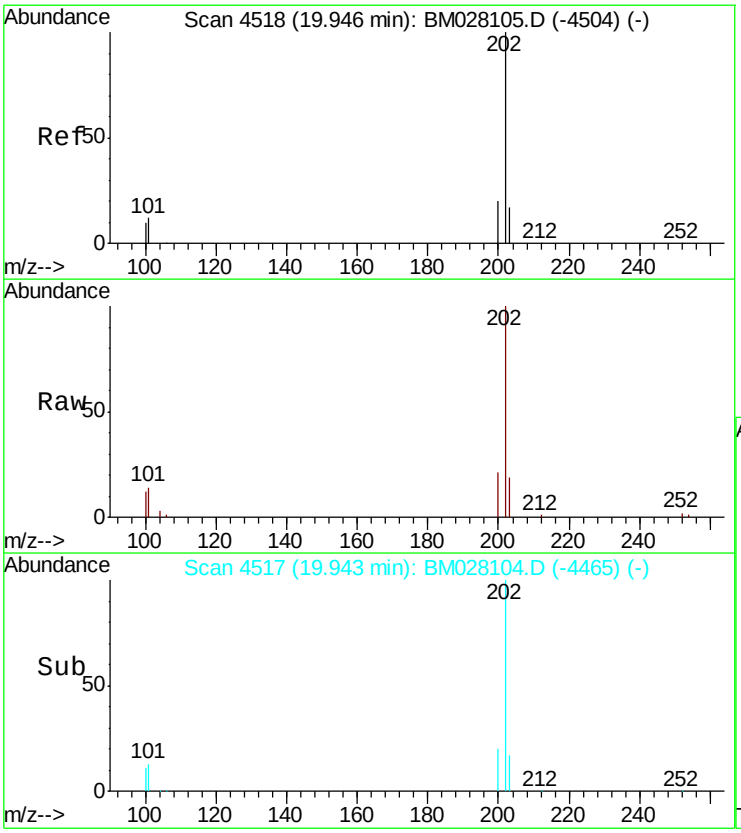
#19
Fluoranthene
Concen: 0.200 ng/ul
RT: 19.59 min Scan# 4424
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:202 Resp: 6220

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	9.1	6.8	10.2

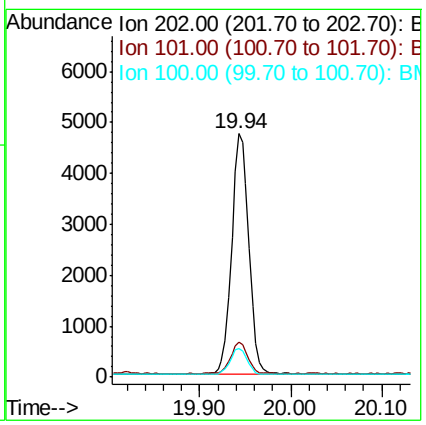


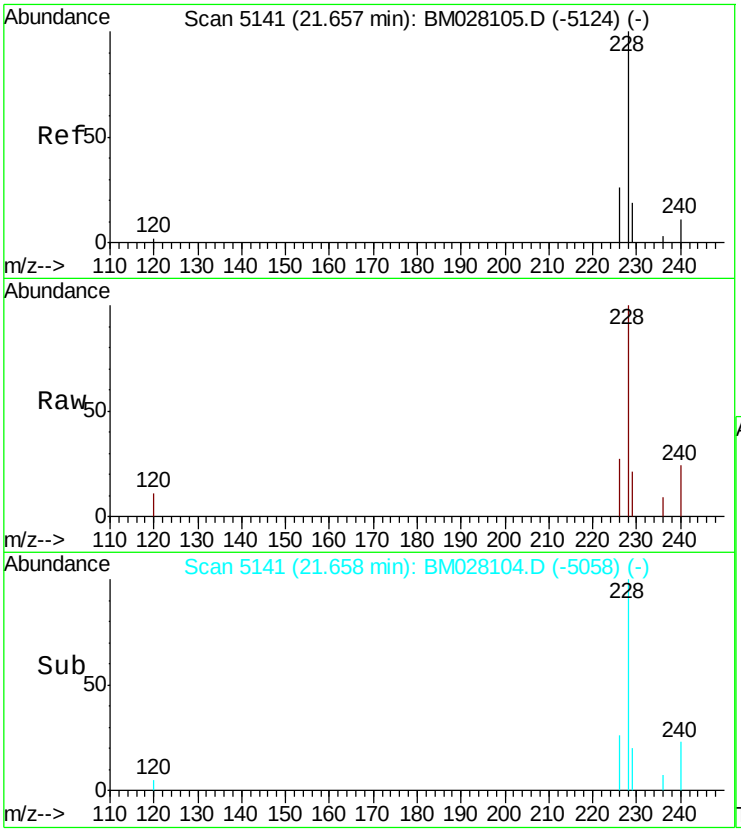


#20
Pyrene
Concen: 0.202 ng/ul
RT: 19.94 min Scan# 4517
Delta R.T. -0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:202 Resp: 6272

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.1	15.1
100	11.6	8.4	12.6



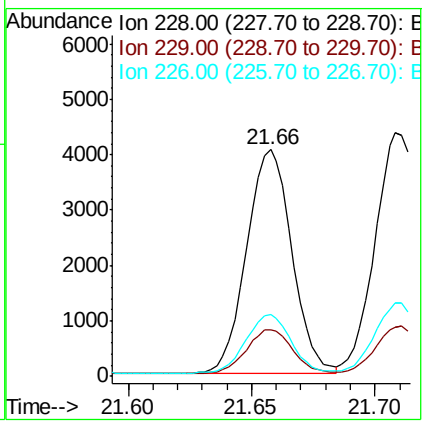


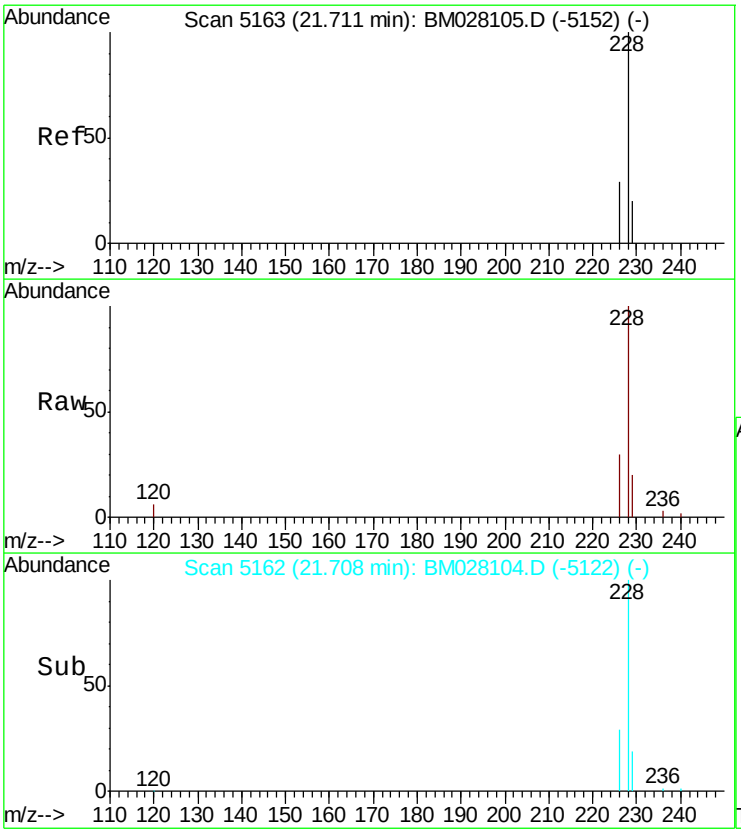
#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.66 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:228 Resp: 5143

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.1	20.7	31.1

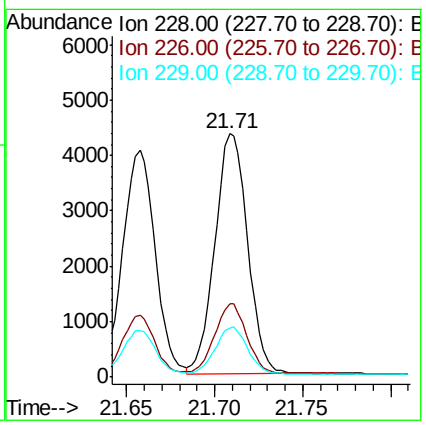


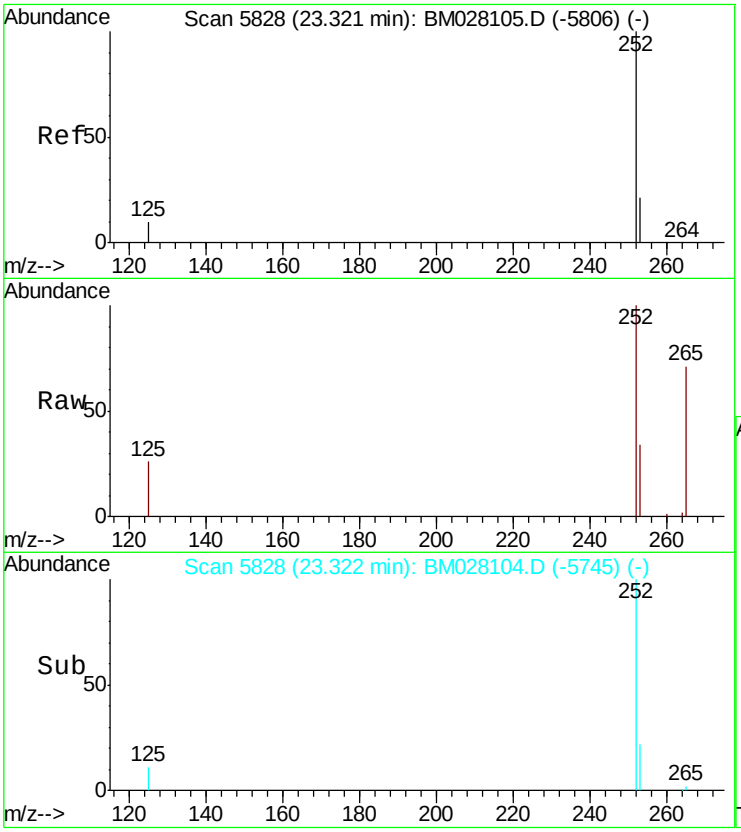


#22
Chrysene
Concen: 0.187 ng/ul
RT: 21.71 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:228 Resp: 5571

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.0	15.9	23.9



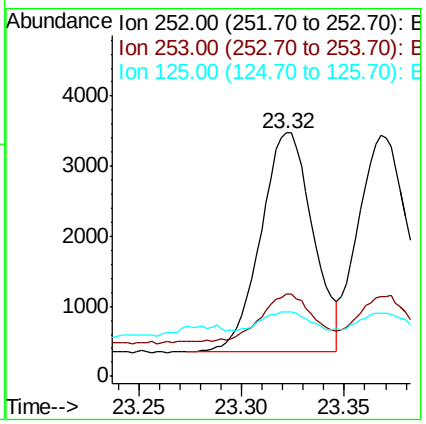


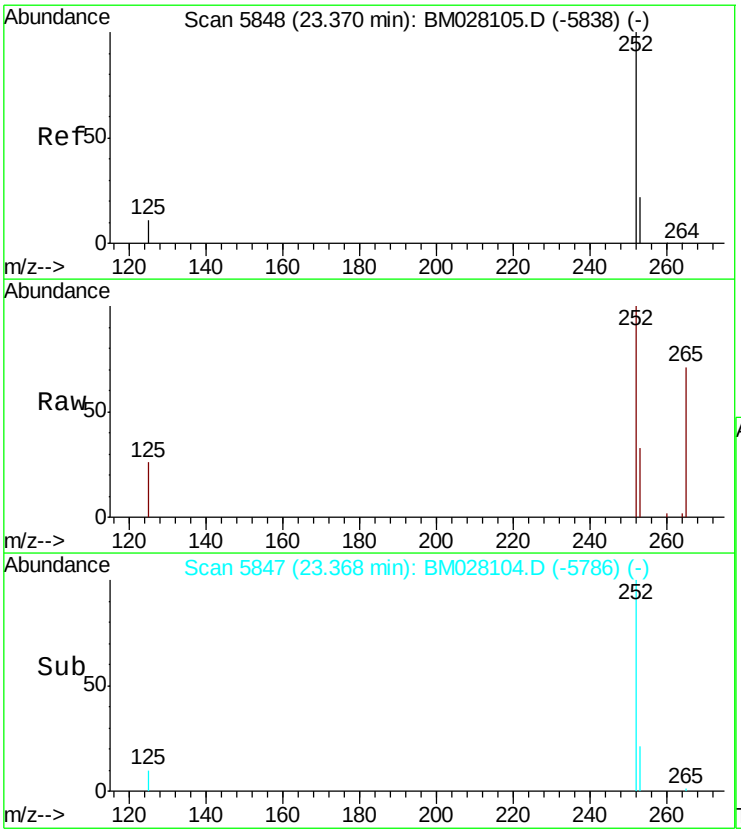
#24
Benzo(b)fluoranthene
Concen: 0.194 ng/ul
RT: 23.32 min Scan# 5828
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:252 Resp: 5520

Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	51.4
125	26.3	0.0	32.8

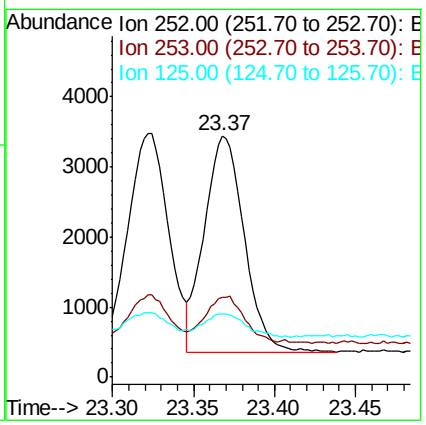


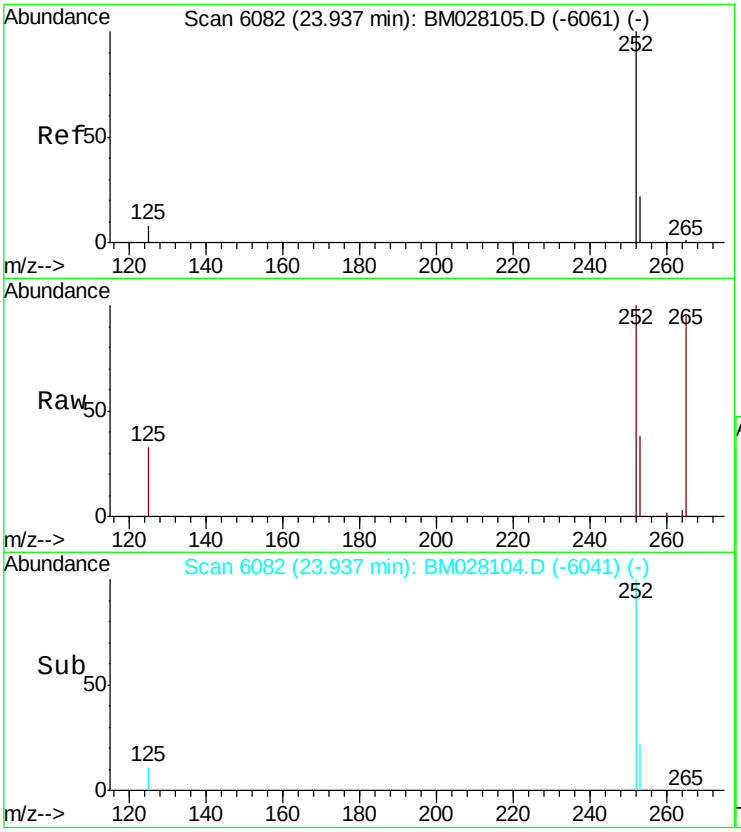


#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul
RT: 23.37 min Scan# 5847
Delta R.T. -0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:252 Resp: 5297

Ion	Ratio	Lower	Upper
252	100		
253	32.9	21.1	31.7#
125	26.1	13.4	20.2#



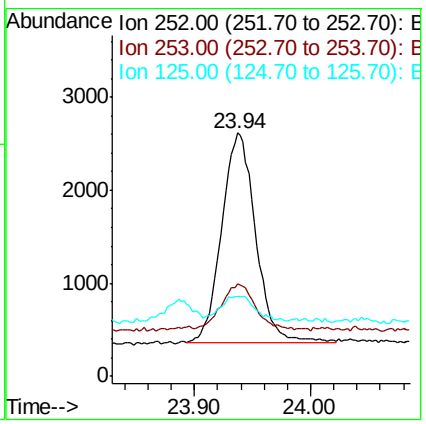


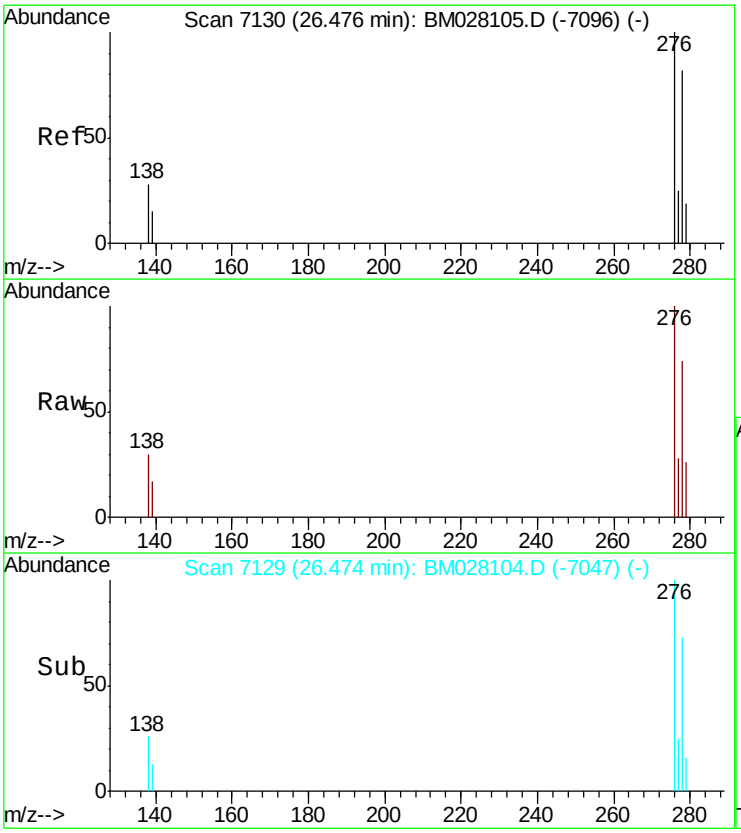
#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.94 min Scan# 6082
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:252 Resp: 4567

Ion	Ratio	Lower	Upper
252	100		
253	38.1	22.3	33.5#
125	32.6	16.1	24.1#

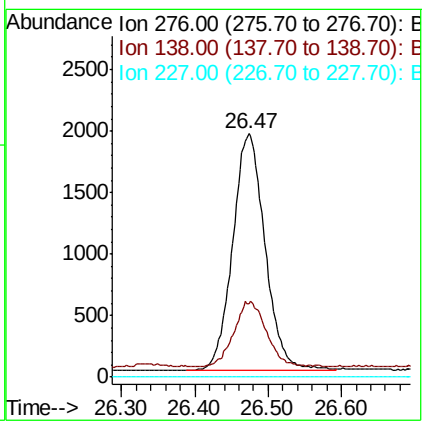


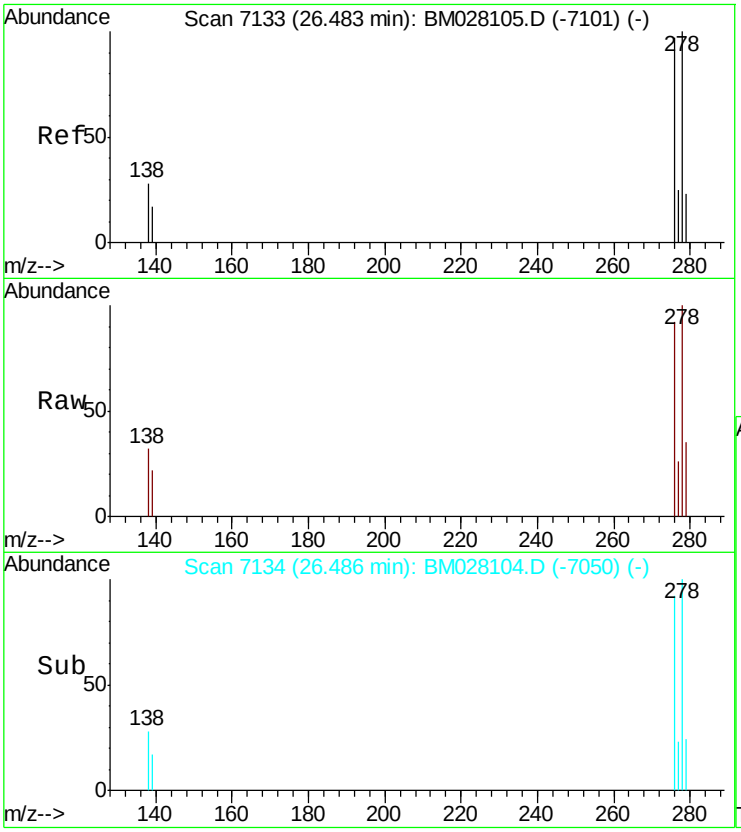


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul
RT: 26.47 min Scan# 7129
Delta R.T. -0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:276 Resp: 5928

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.7	32.5
227	0.0	0.0	0.0



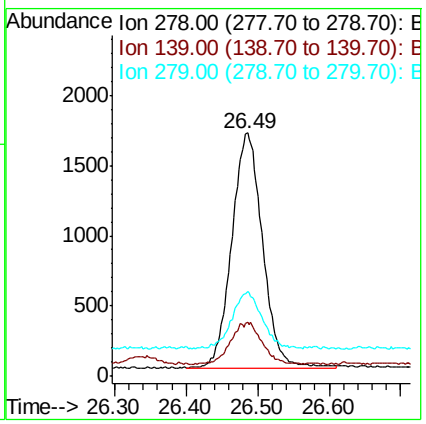


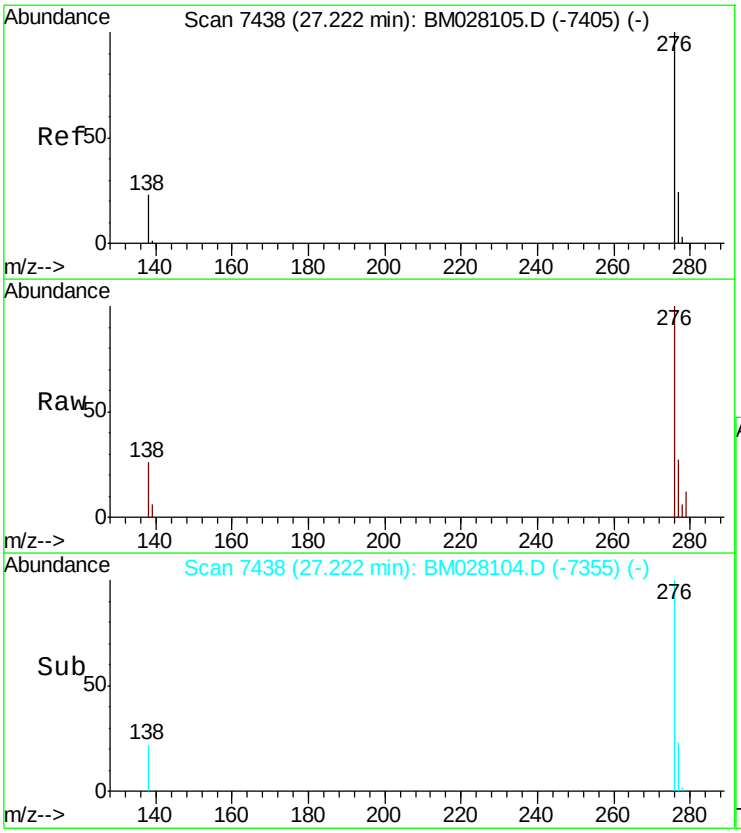
#28
Dibenzo(a,h)anthracene
Concen: 0.199 ng/ul
RT: 26.49 min Scan# 7134
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.2051

Tgt Ion:278 Resp: 5000

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.2	22.8
279	34.9	22.2	33.4#





#29
Benzo(g,h,i)perylene
Concen: 0.209 ng/ul
RT: 27.22 min Scan# 7438
Delta R.T. 0.00 min
Lab File: BM028104.D
Acq: 11 Dec 2020 17:57

Tgt Ion:276 Resp: 5323

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.7	29.5
277	27.1	20.6	31.0