Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
Data File : BM022674.D
Acq On : 12 Sep 2019 20:14
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 13 01:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	7780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	30528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	17121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	36197	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	32081	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	29026	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	21576	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	45505	0.46	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	37306	0.429	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	25658	0.430	ng/ul	100
7) Acenaphthylene	14.20	152	31760	0.401	ng/ul	99
8) Acenaphthene	14.54	153	26269	0.396	ng/ul	99
9) Fluorene	15.52	166	30433	0.400	ng/ul	99
11) Pentachlorophenol	16.86	266	2708	0.369	ng/ul	99
12) Phenanthrene	17.25	178	50850	0.441	ng/ul	100
13) Anthracene	17.34	178	42625	0.431	ng/ul	100
15) Fluoranthene	19.27	202	57307	0.460	ng/ul	100
17) Pyrene	19.62	202	56822	0.391	ng/ul	98
18) Benzo(a)anthracene	21.37	228	50702	0.413	ng/ul	99
19) Chrysene	21.42	228	55710	0.431	ng/ul	100
21) Benzo(b)fluoranthene	22.98	252	55003	0.436	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	53916	0.419	ng/ul	100
23) Benzo(a)pyrene	23.57	252	46913	0.425	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.98	276	55527	0.412	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.99	278	45455	0.418	ng/ul	98
26) Benzo(g,h,i)perylene	26.68	276	45841	0.427	ng/ul	99

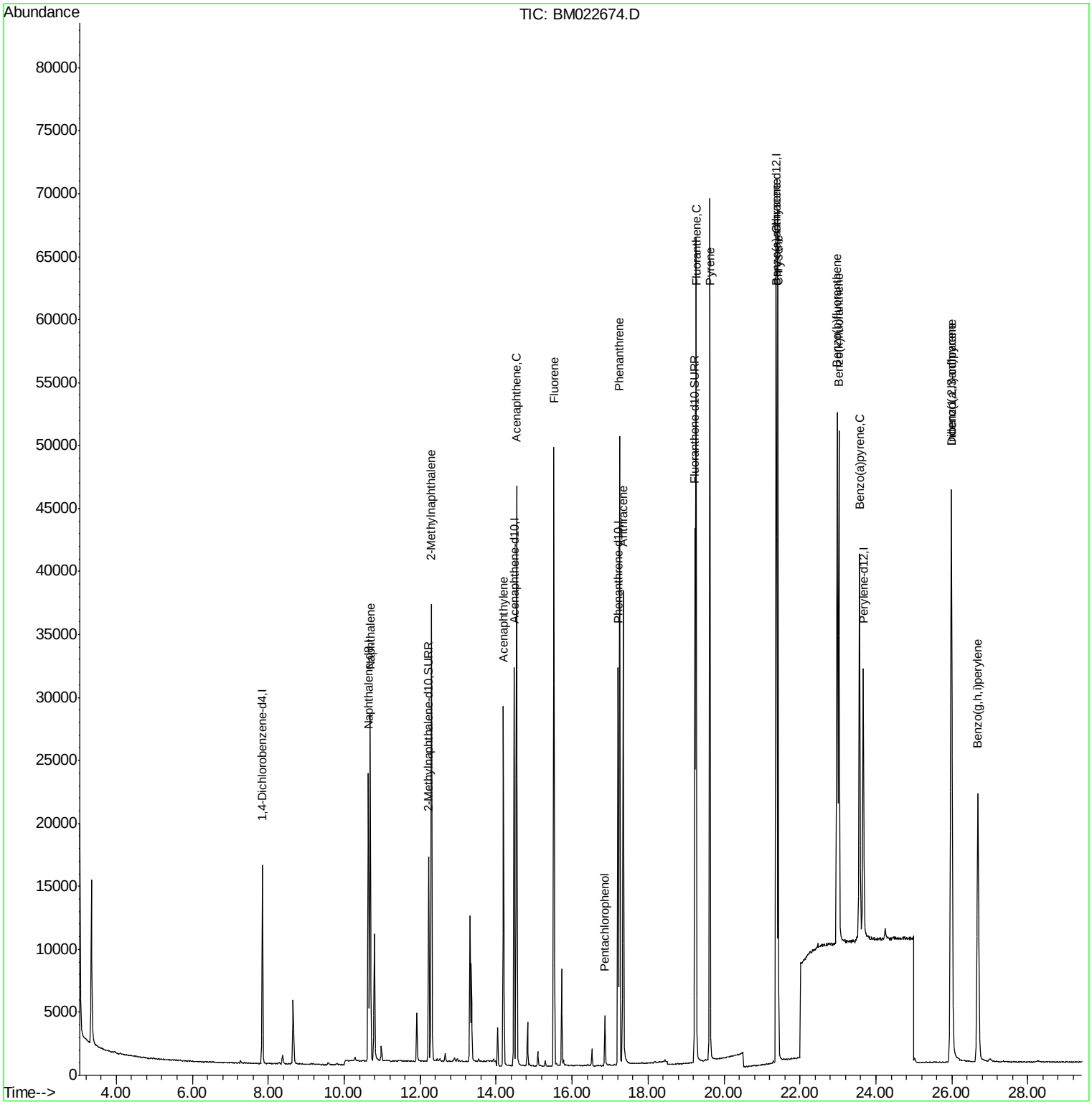
(#) = qualifier out of range (m) = manual integration (+) = signals summed

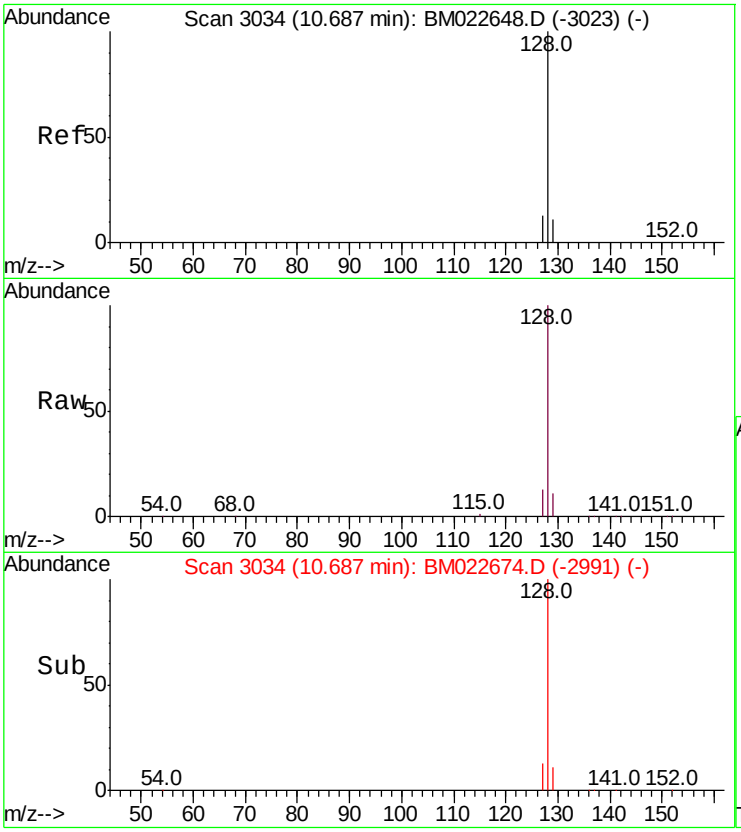
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
Data File : BM022674.D
Acq On : 12 Sep 2019 20:14
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 13 01:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration



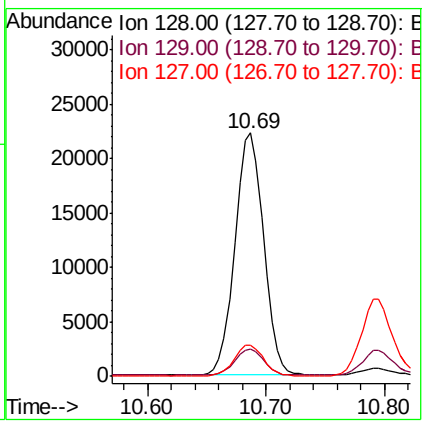


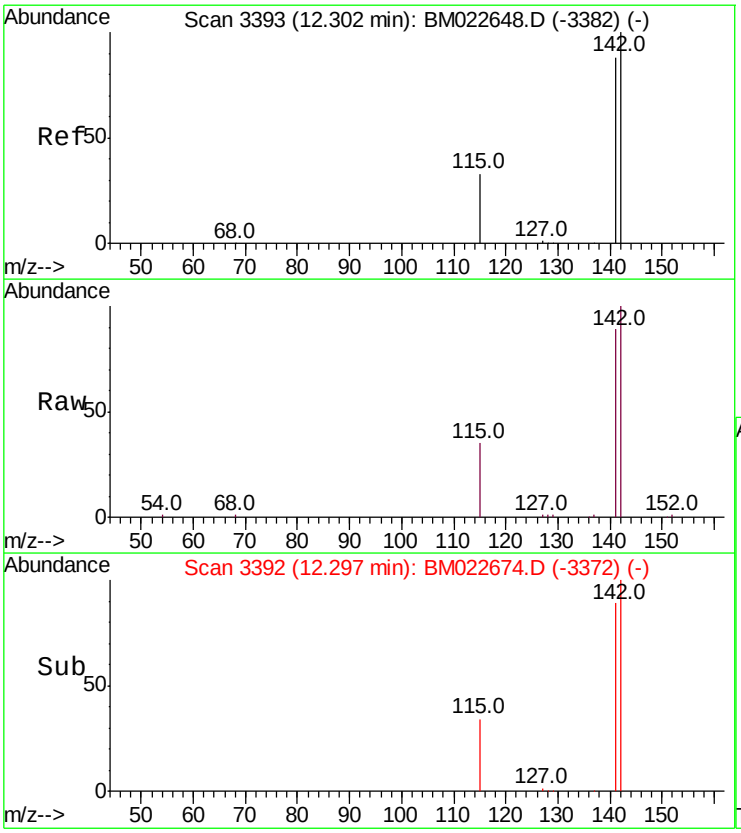
#3
Naphthalene
Concen: 0.429 ng/ul
RT: 10.69 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 37306

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.0	10.4	15.6

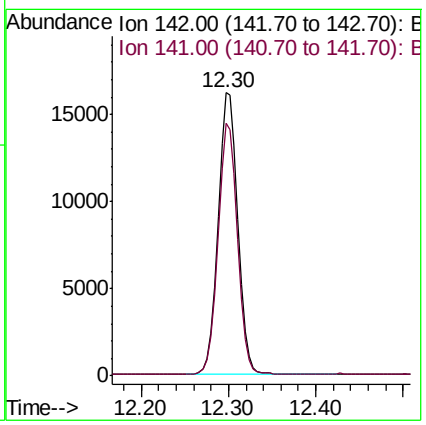


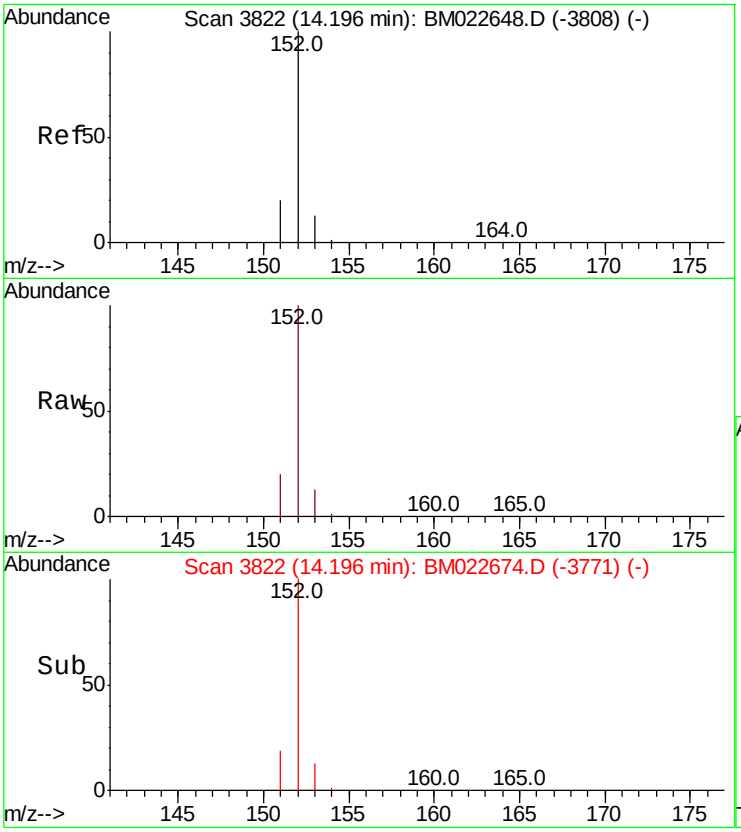


#5
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.30 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:142 Resp: 25658

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2



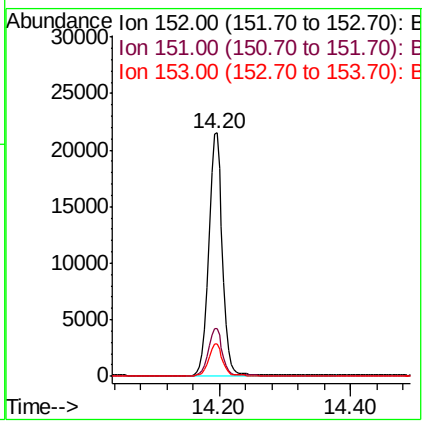


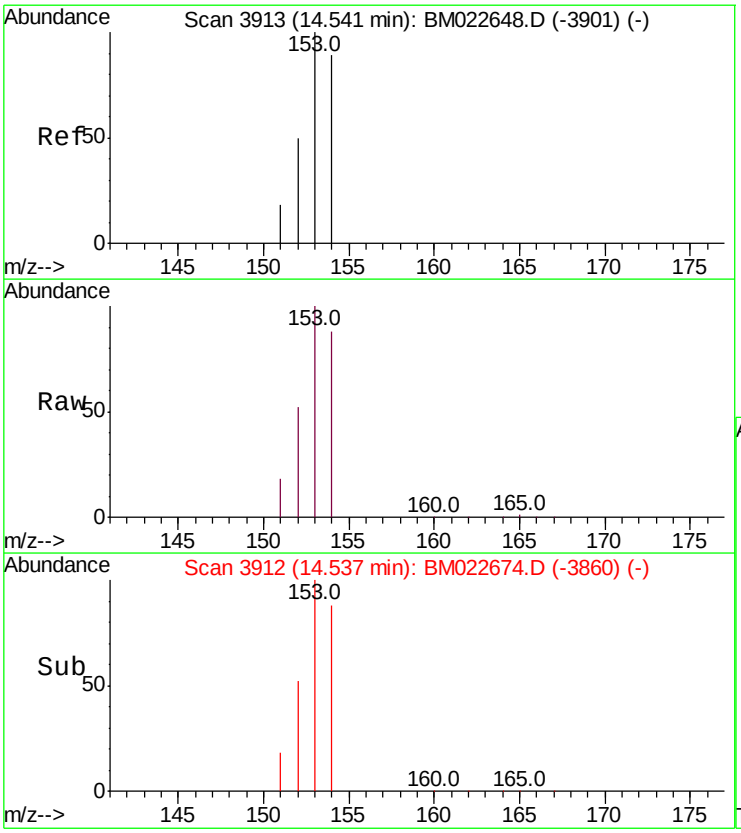
#7
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.20 min Scan# 3822
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 31760

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.7	16.1

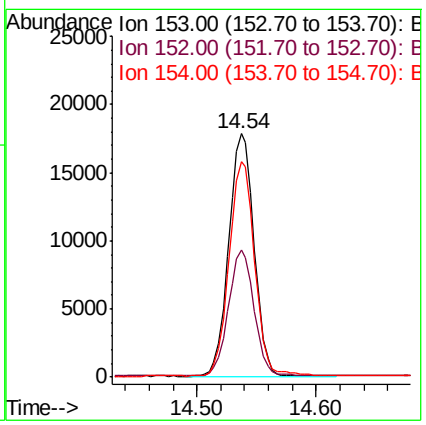


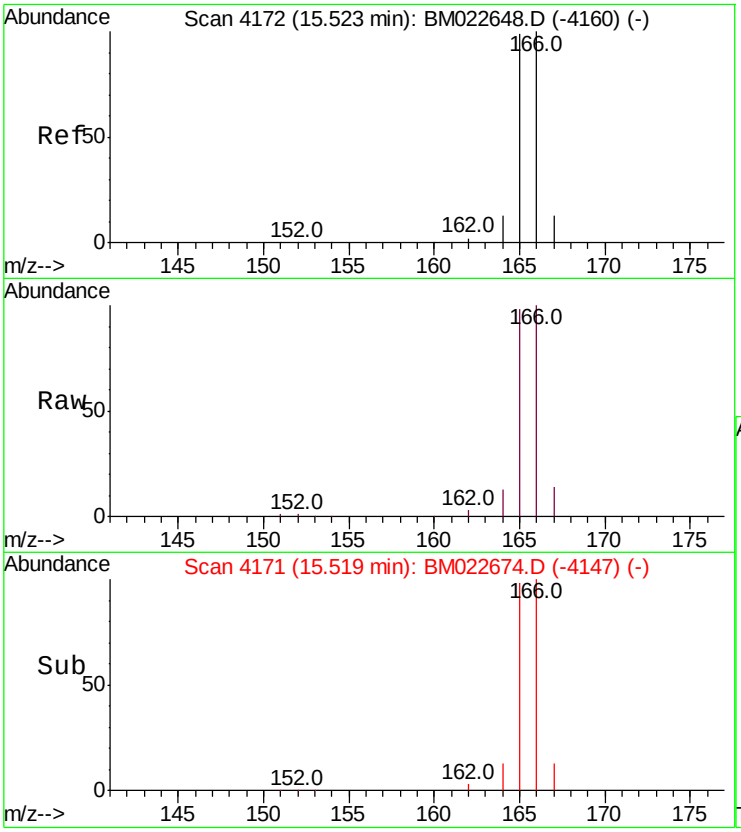


#8
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.54 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:153 Resp: 26269

Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.7	61.1
154	88.4	70.0	105.0



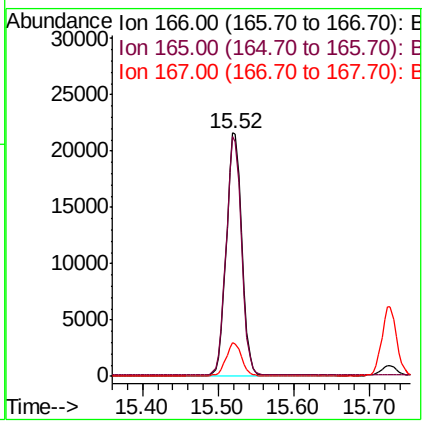


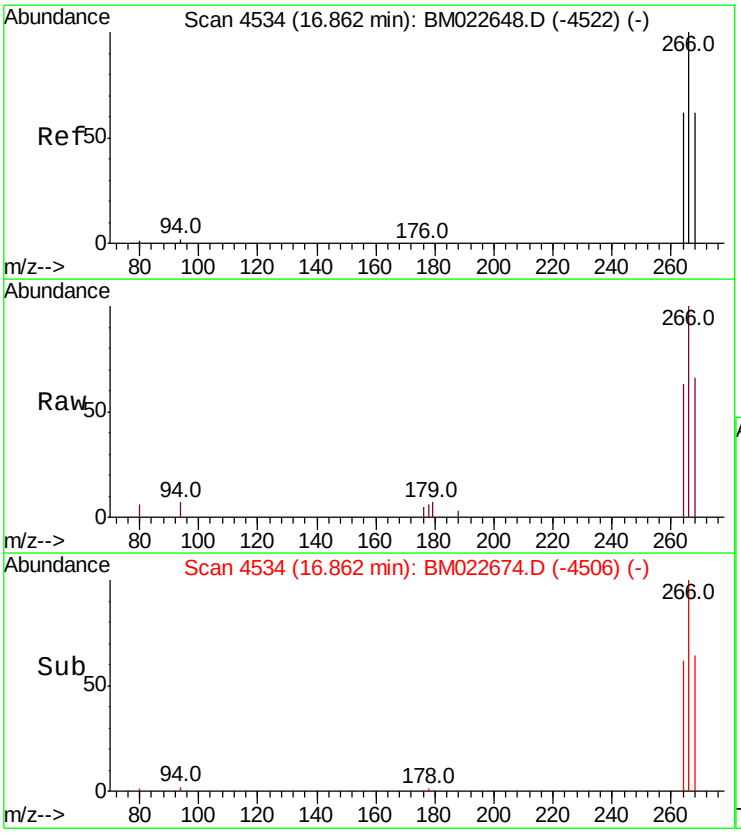
#9
Fluorene
Concen: 0.400 ng/ul
RT: 15.52 min Scan# 4171
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 30433

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	13.6	10.8	16.2

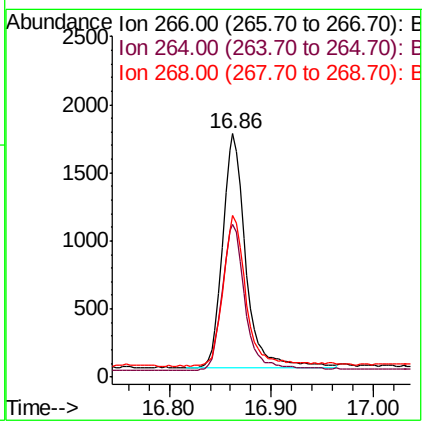


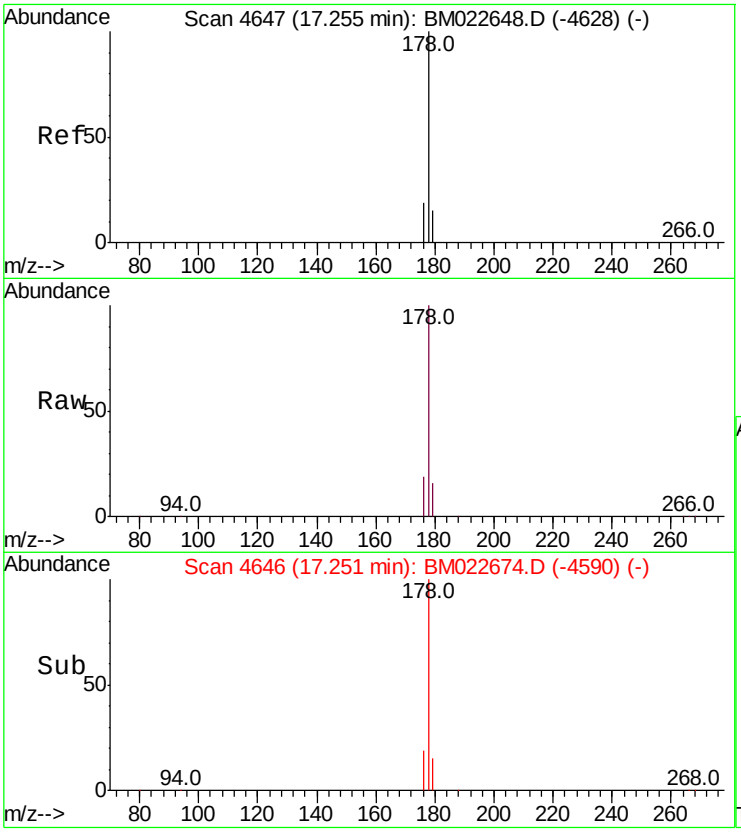


#11
Pentachlorophenol
Concen: 0.369 ng/ul
RT: 16.86 min Scan# 4534
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:266 Resp: 2708

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.4	75.6
268	65.6	51.3	76.9



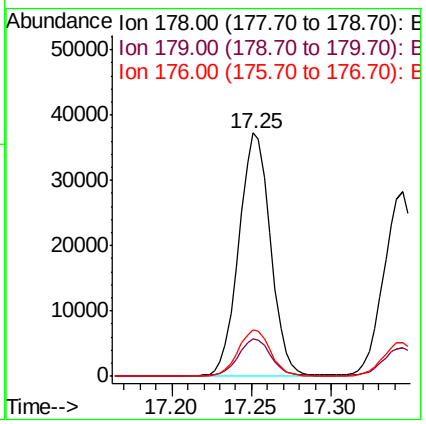


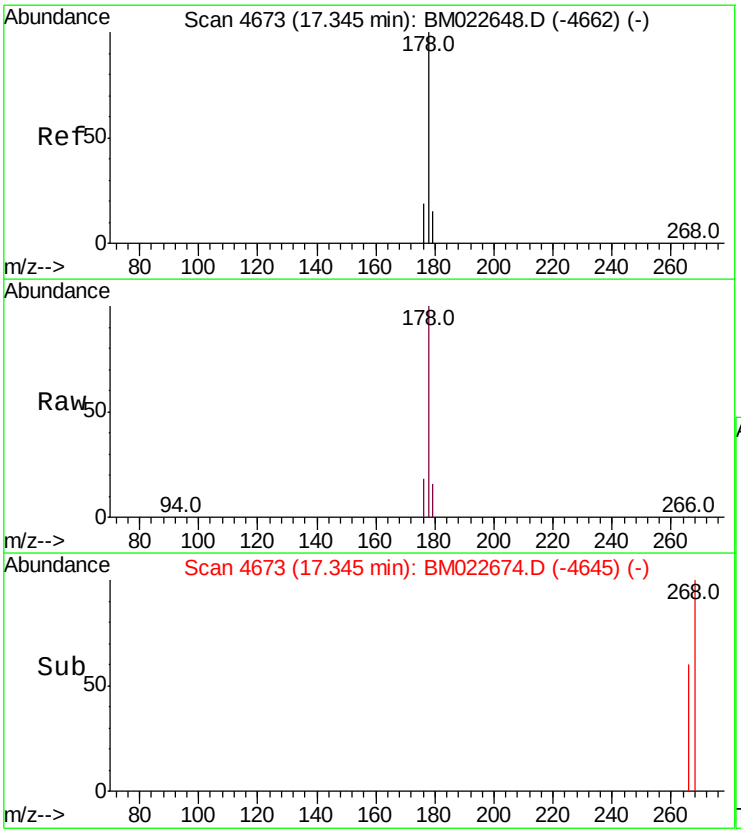
#12
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.25 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 50850

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.2	15.3	22.9

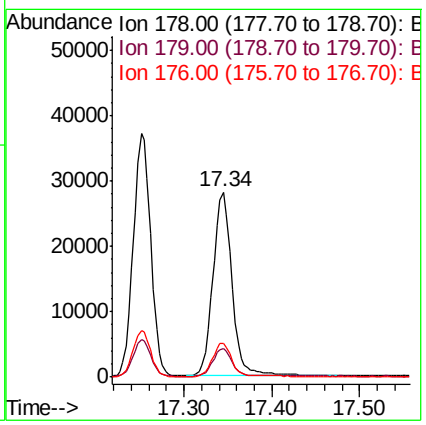


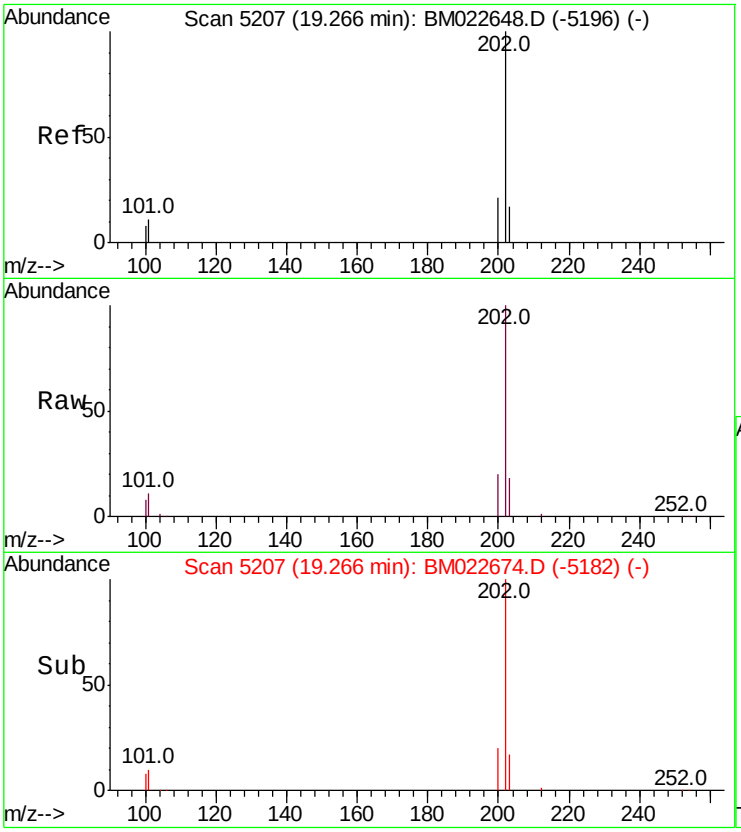


#13
Anthracene
Concen: 0.431 ng/ul
RT: 17.34 min Scan# 4673
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:178 Resp: 42625

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.5	14.8	22.2



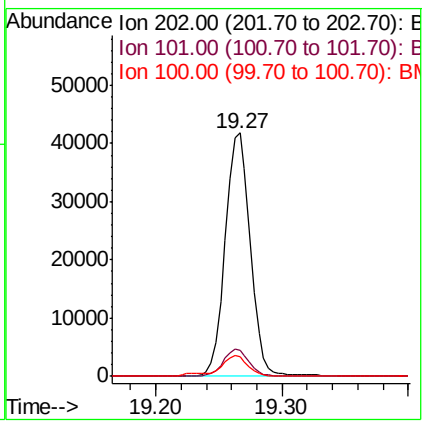


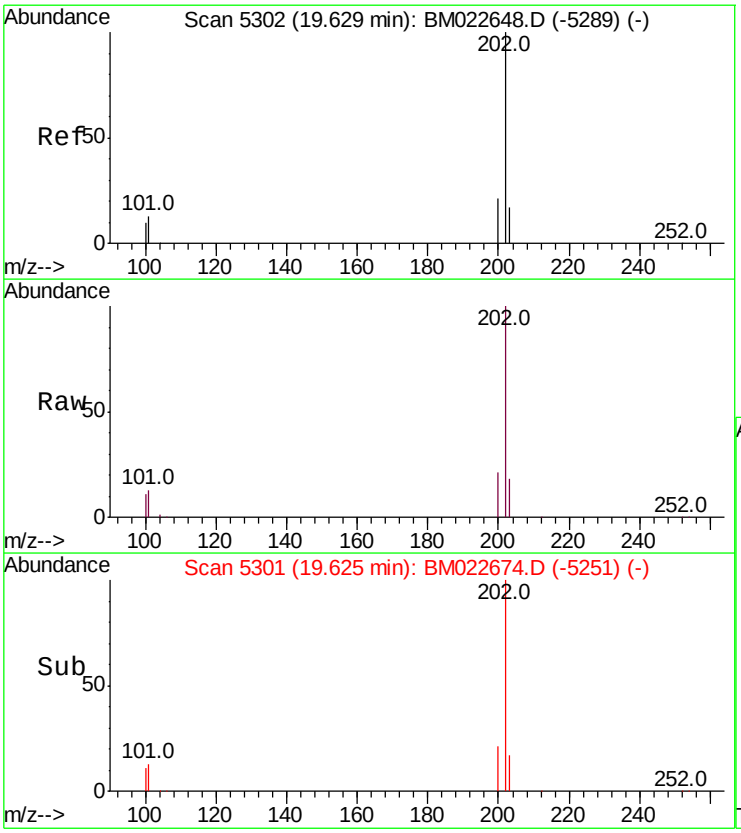
#15
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.27 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 57307

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
100	8.1	0.0	28.0

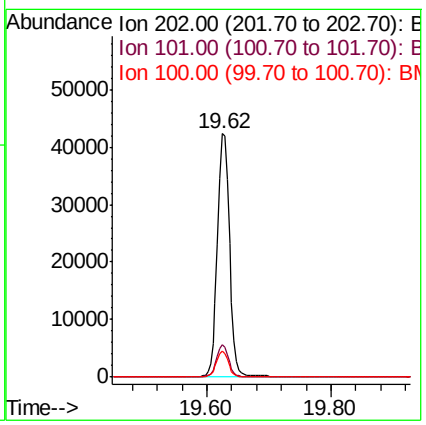


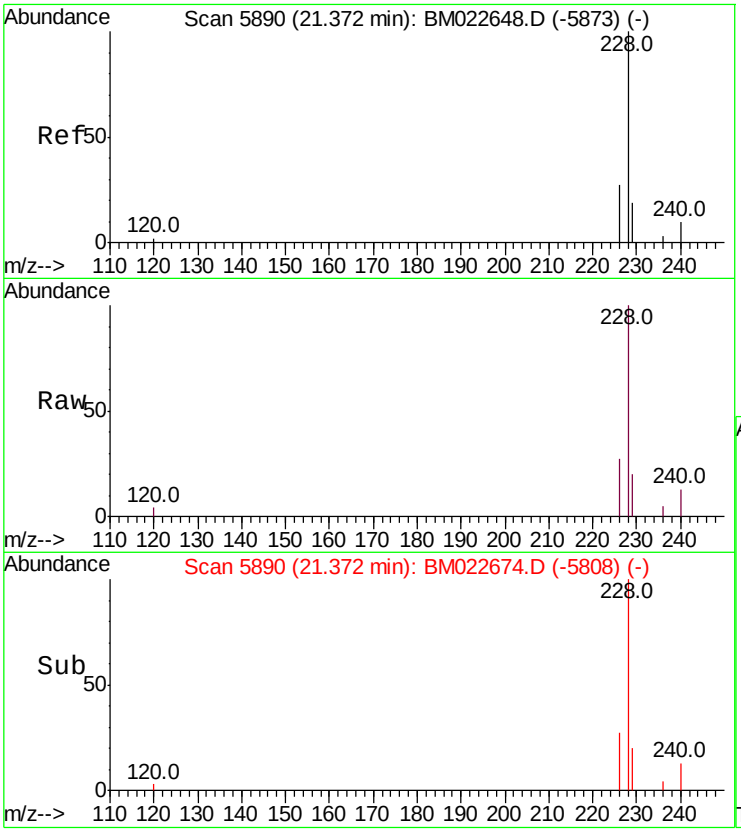


#17
Pyrene
Concen: 0.391 ng/ul
RT: 19.62 min Scan# 5301
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:202 Resp: 56822

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	10.8	8.1	12.1



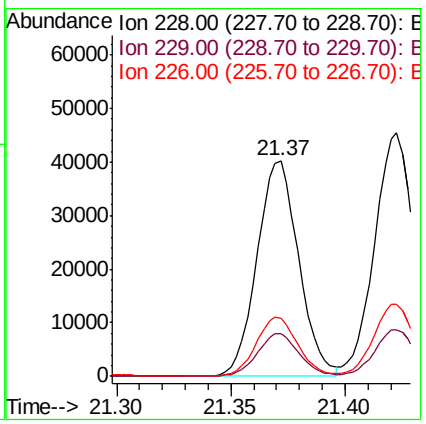


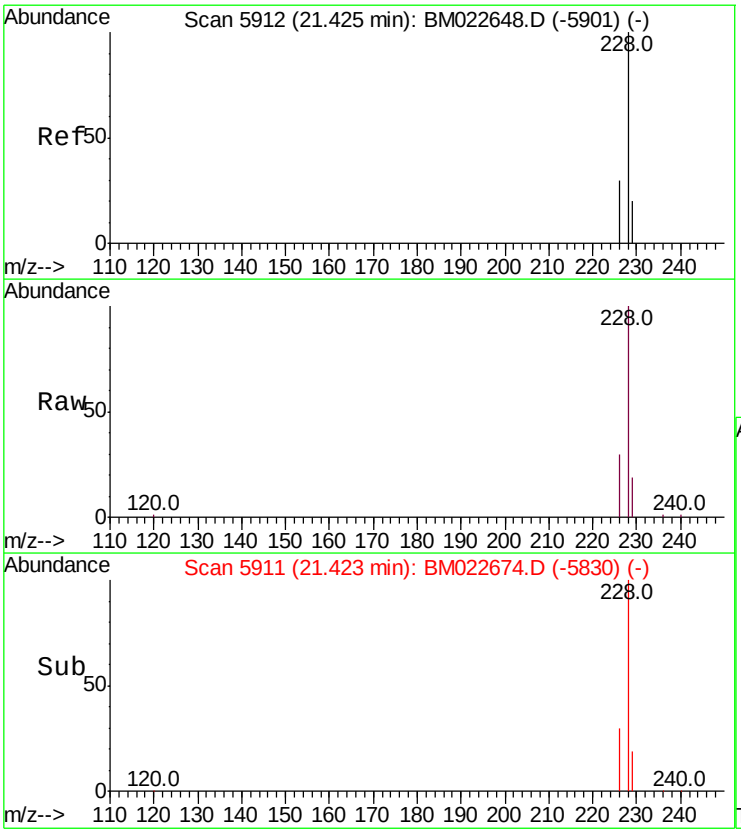
#18
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.37 min Scan# 5890
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 50702

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	26.8	22.0	33.0

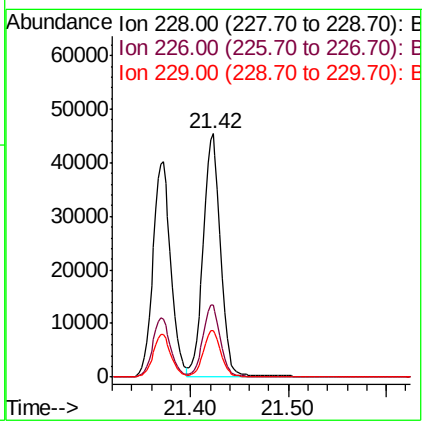


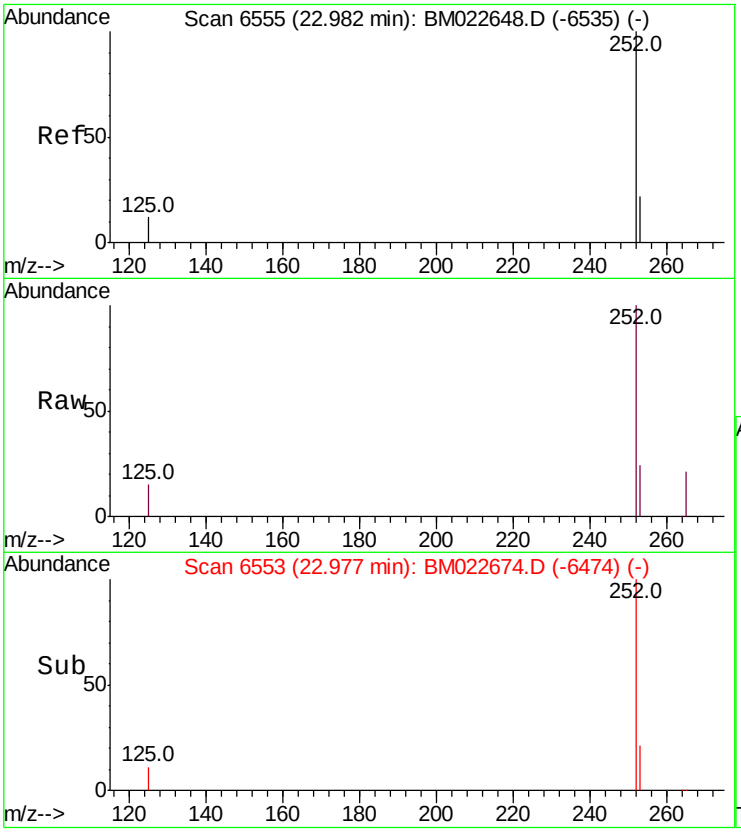


#19
Chrysene
Concen: 0.431 ng/ul
RT: 21.42 min Scan# 5911
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:228 Resp: 55710

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.2	15.5	23.3



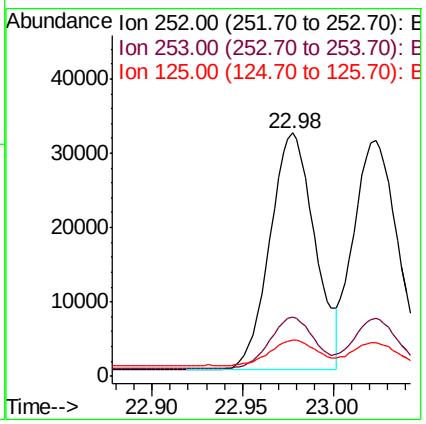


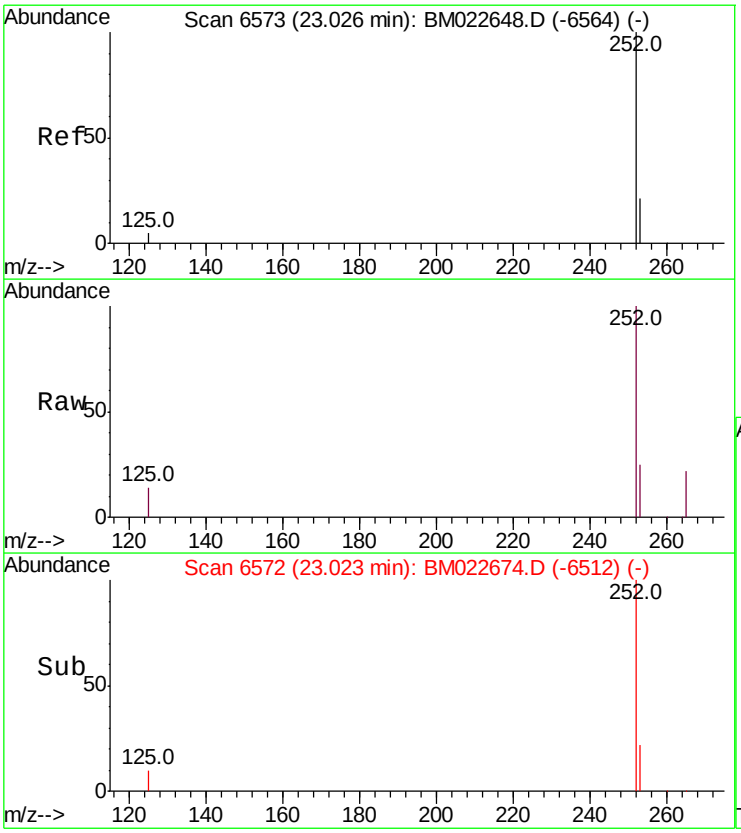
#21
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 22.98 min Scan# 6553
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 55003

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	48.4
125	14.9	0.0	31.2

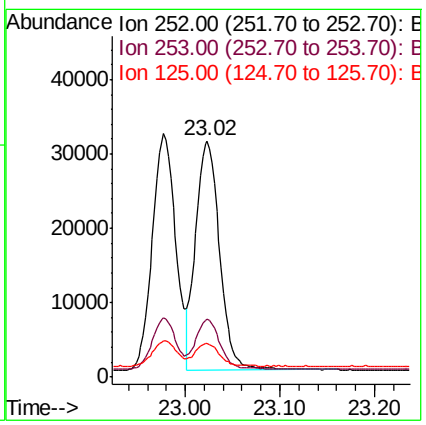


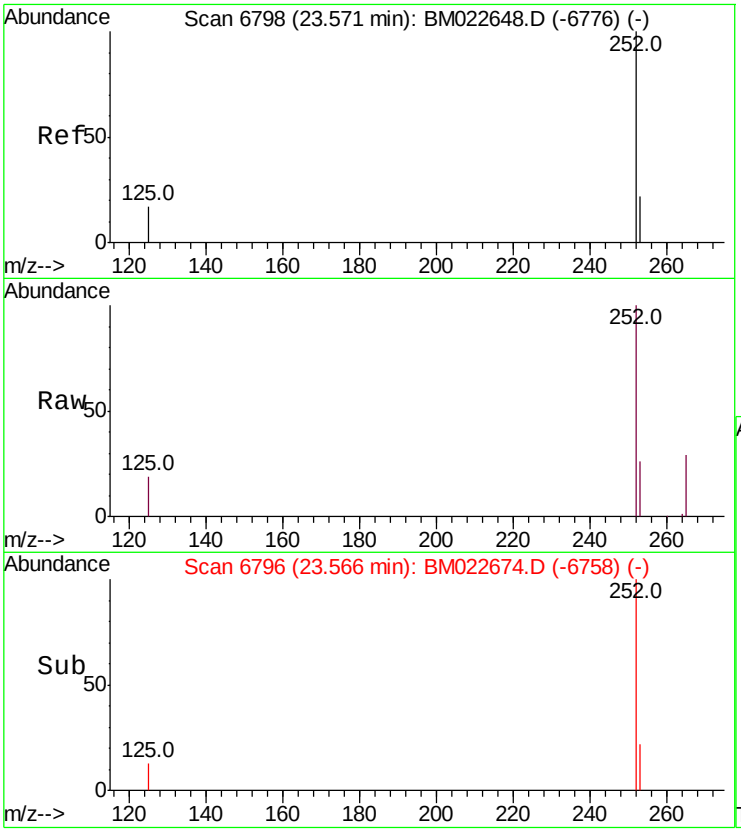


#22
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 23.02 min Scan# 6572
Delta R.T. -0.00 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:252 Resp: 53916

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	14.2	11.2	16.8



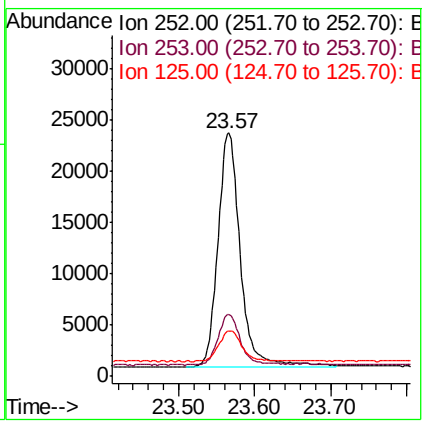


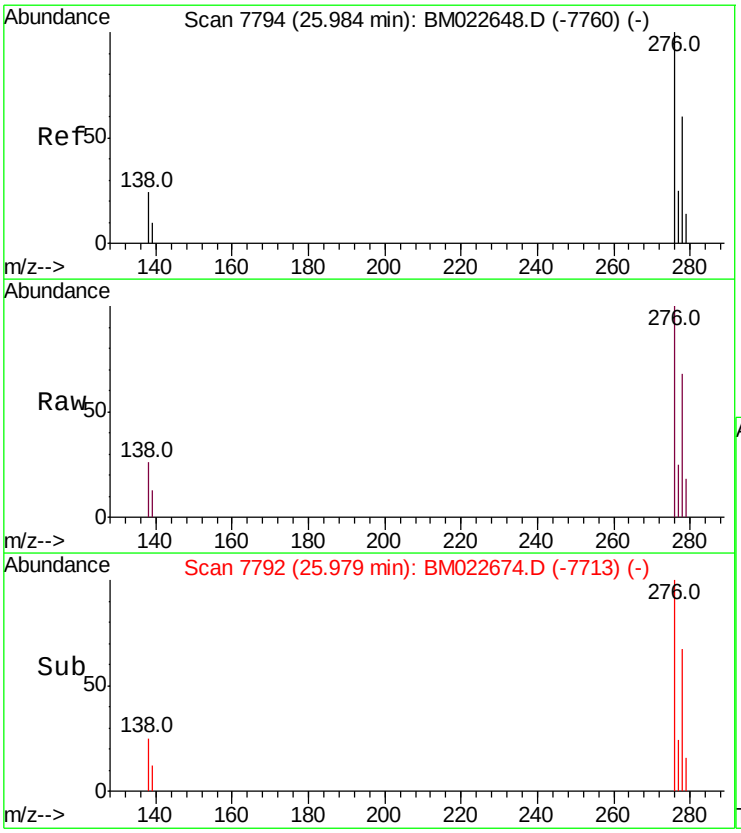
#23
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.57 min Scan# 6796
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 46913

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.2	30.2
125	18.8	15.7	23.5

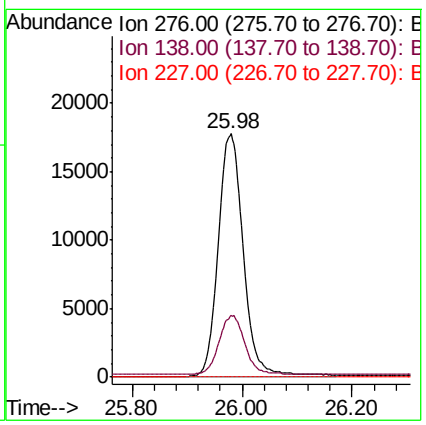


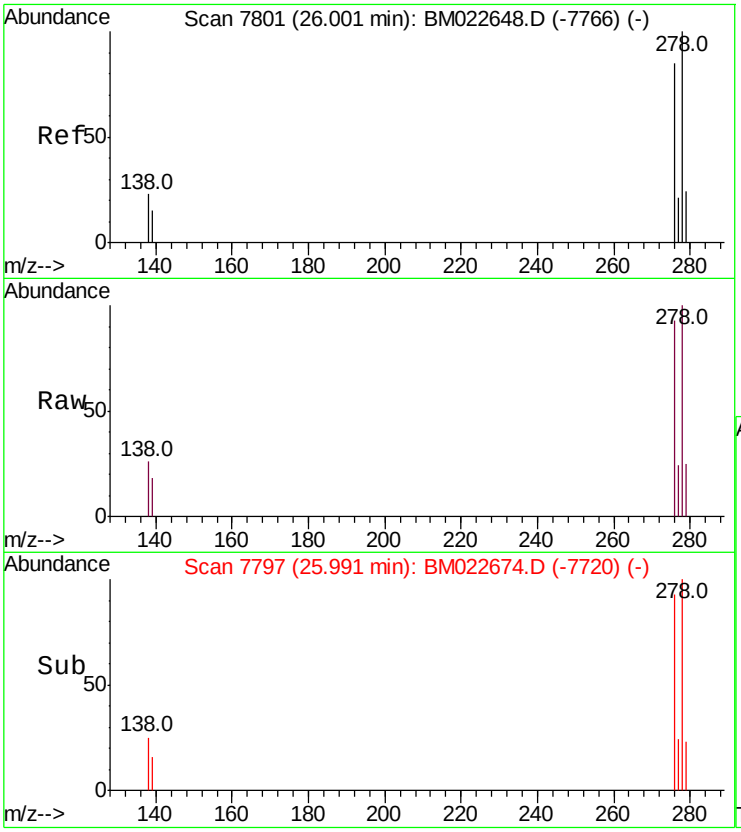


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.98 min Scan# 7792
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:276 Resp: 55527

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.1	31.7
227	0.0	0.0	0.0



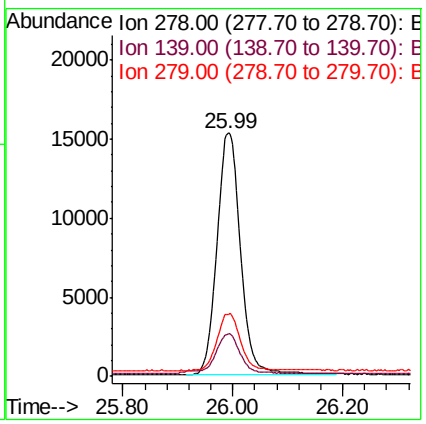


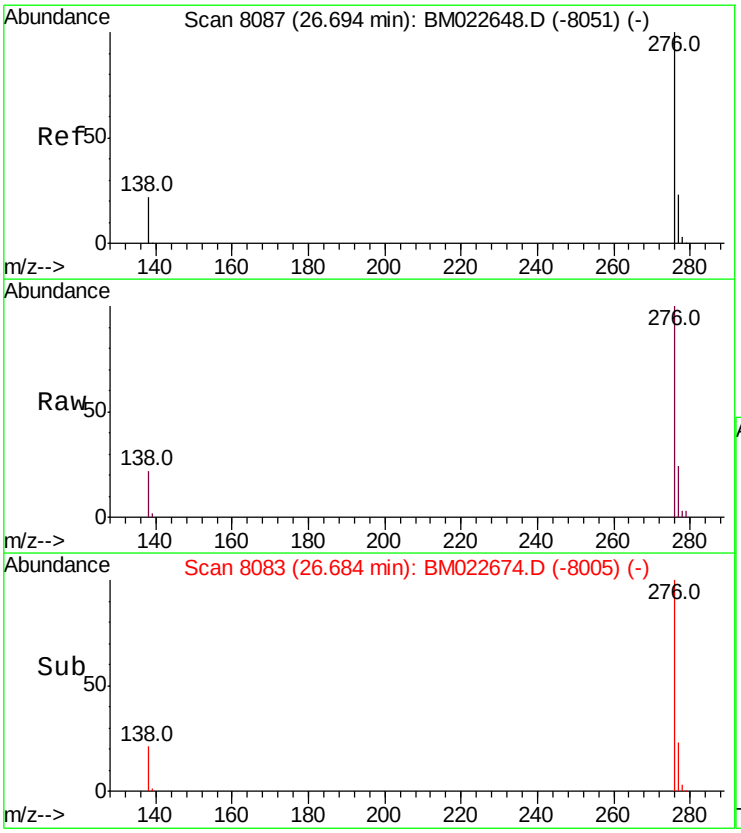
#25
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 25.99 min Scan# 7797
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 45455

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.8	20.6
279	25.5	21.3	31.9





#26
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 26.68 min Scan# 8083
Delta R.T. -0.01 min
Lab File: BM022674.D
Acq: 12 Sep 2019 20:14

Tgt Ion:276 Resp: 45841

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.2	27.4
277	24.4	19.2	28.8