Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004778.D
Acq On : 25 Mar 2016 15:26
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.442

Quant Time: Mar 26 02:41:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 15:51:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1228	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5389	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3277	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7417	5.00	ng/ul	0.00
18) Chrysene-d12	21.39	240	7408	5.00	ng/ul	-0.02
22) Perylene-d12	23.68	264	6567	5.00	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1136	2.05	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3066	0.41	ng/ul	-0.01
16) Fluoranthene-d10	19.23	212	7104	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1361	2.02	ng/ul#	22
5) Naphthalene	10.67	128	5249	0.40	ng/ul	95
7) 2-Methylnaphthalene	12.28	142	3823	0.41	ng/ul	100
9) Acenaphthylene	14.18	152	6132	0.41	ng/ul	95
10) Acenaphthene	14.52	153	4384	0.41	ng/ul	88
11) Fluorene	15.51	166	5159	0.41	ng/ul	90
13) Pentachlorophenol	16.85	266	781	0.42	ng/ul	95
14) Phenanthrene	17.24	178	8614	0.41	ng/ul	95
15) Anthracene	17.33	178	7941	0.40	ng/ul	95
17) Fluoranthene	19.27	202	9638	0.41	ng/ul	93
19) Pyrene	19.63	202	10046	0.40	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	9176	0.40	ng/ul#	90
21) Chrysene	21.37	228	9176	0.42	ng/ul	93
23) Benzo(b)fluoranthene	22.99	252	9516	0.43	ng/ul	96
24) Benzo(k)fluoranthene	23.04	252	8103	0.40	ng/ul#	96
25) Benzo(a)pyrene	23.58	252	8301	0.41	ng/ul#	96
26) Indeno(1,2,3-cd)pyrene	26.01	276	7613	0.41	ng/ul#	84
27) Dibenzo(a,h)anthracene	26.03	278	5950	0.40	ng/ul#	92
28) Benzo(g,h,i)perylene	26.72	276	6377	0.41	ng/ul#	91

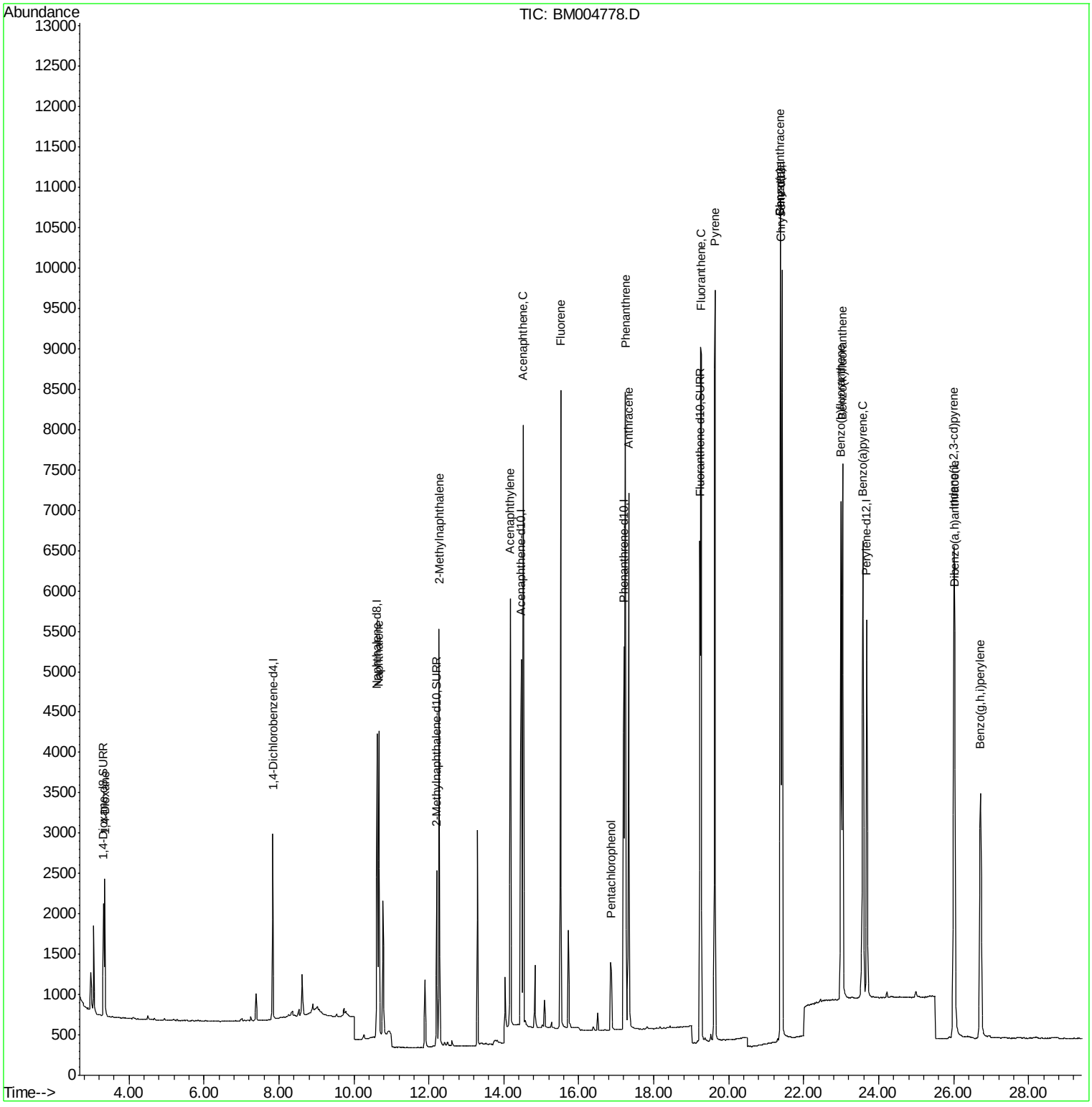
(#) = qualifier out of range (m) = manual integration (+) = signals summed

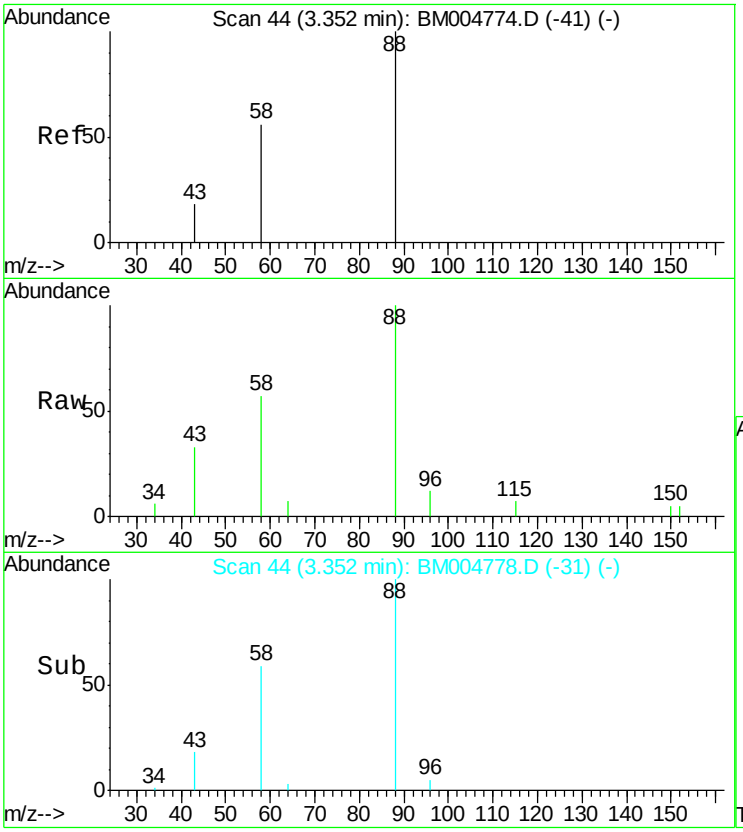
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004778.D
Acq On : 25 Mar 2016 15:26
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Quant Time: Mar 26 02:41:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 15:51:22 2016
Response via : Initial Calibration



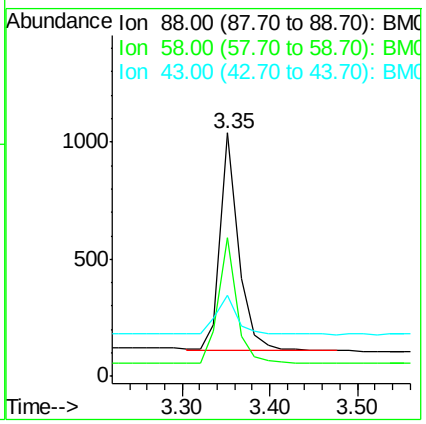


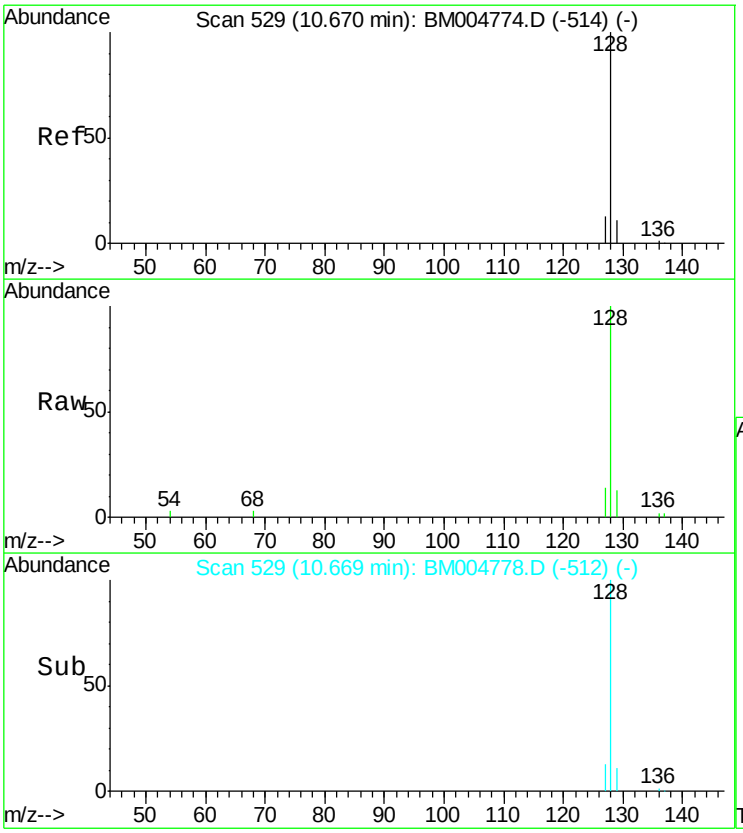
#3
1,4-Dioxane
Concen: 2.02 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion: 88 Resp: 1361

Ion	Ratio	Lower	Upper
88	100		
58	56.3	8.0	12.0#
43	21.7	8.0	12.0#

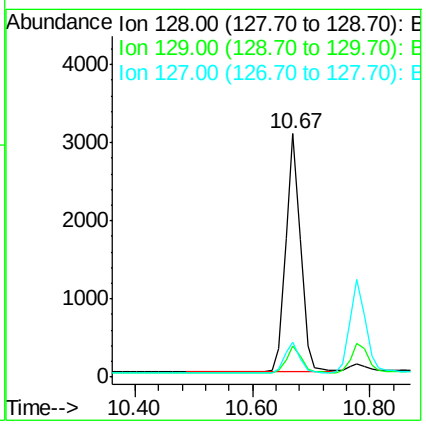


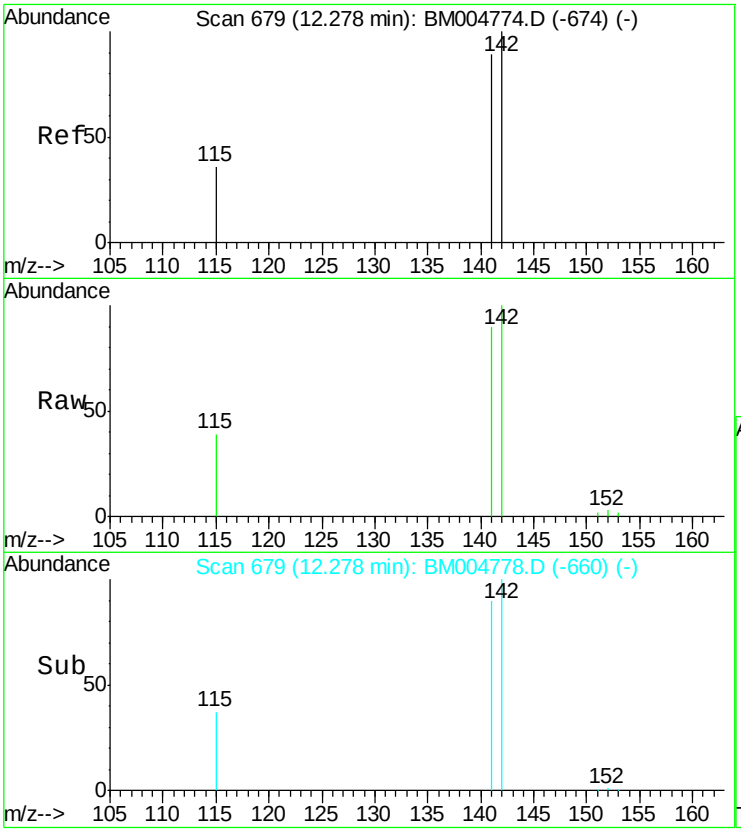


#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:128 Resp: 5249

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	14.3	9.6	14.4



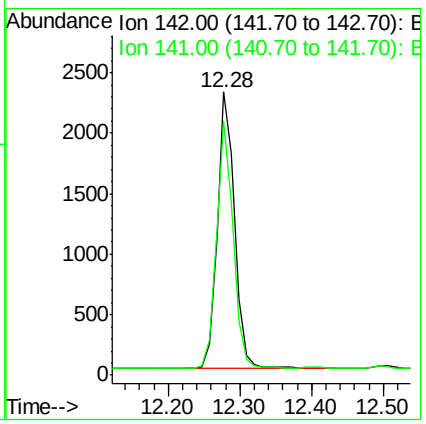


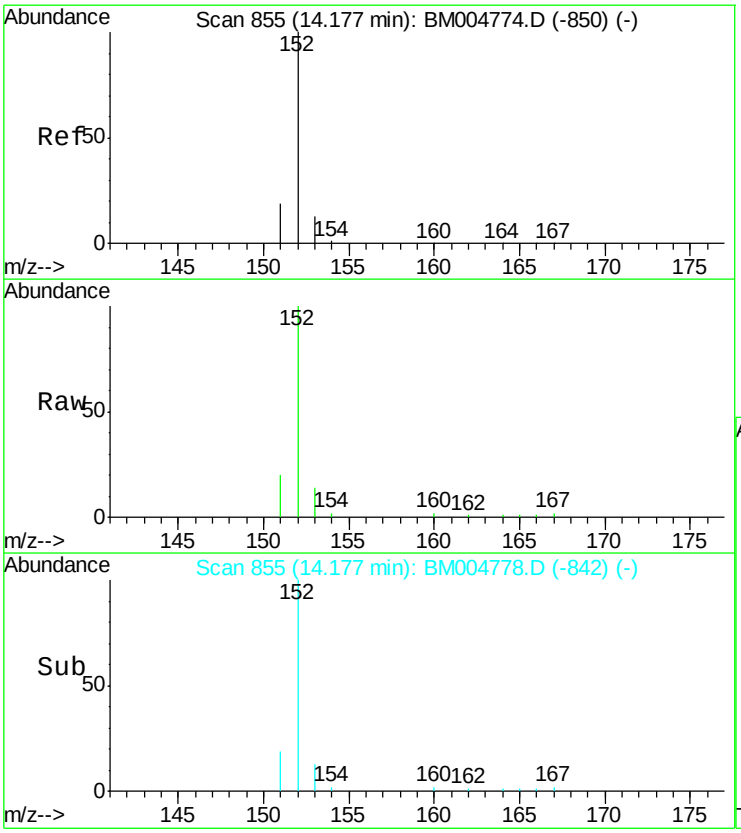
#7
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:142 Resp: 3823

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5

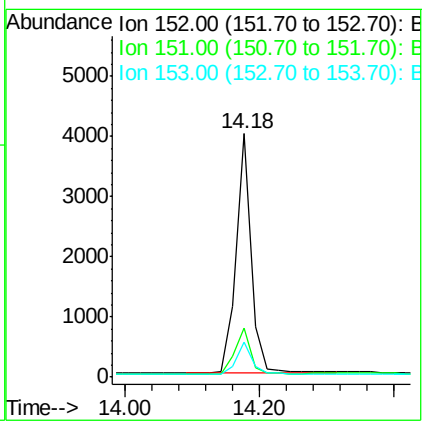


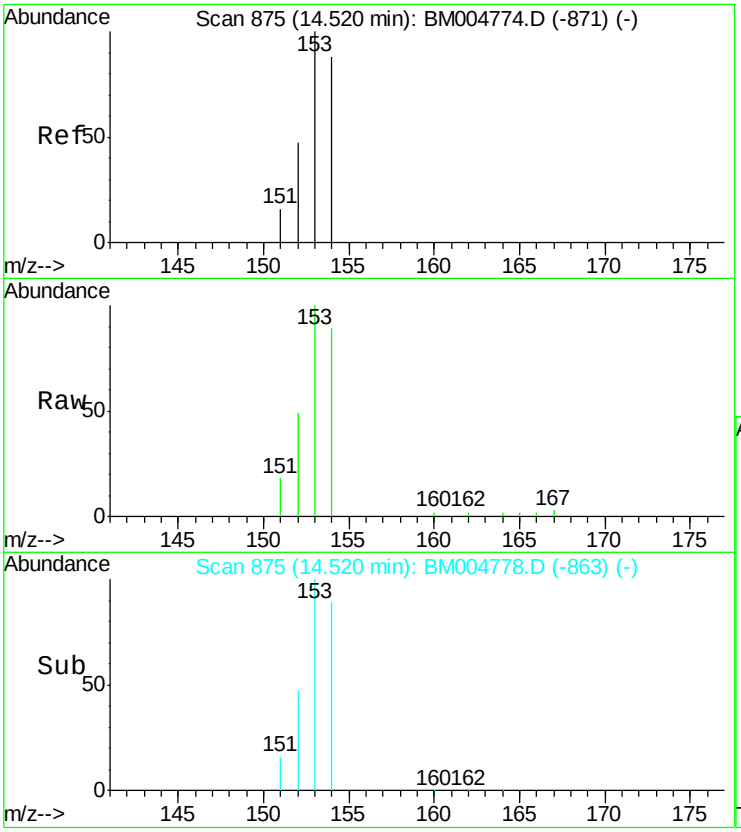


#9
Acenaphthylene
Concen: 0.41 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:152 Resp: 6132

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.6	26.4
153	14.4	9.7	14.5



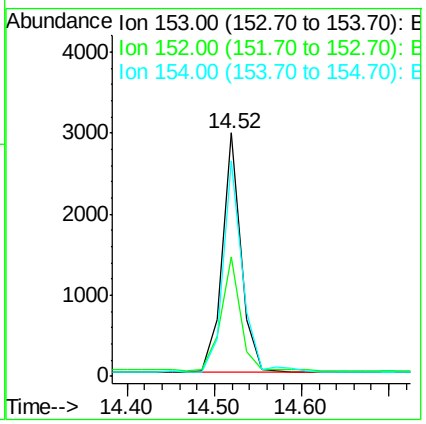


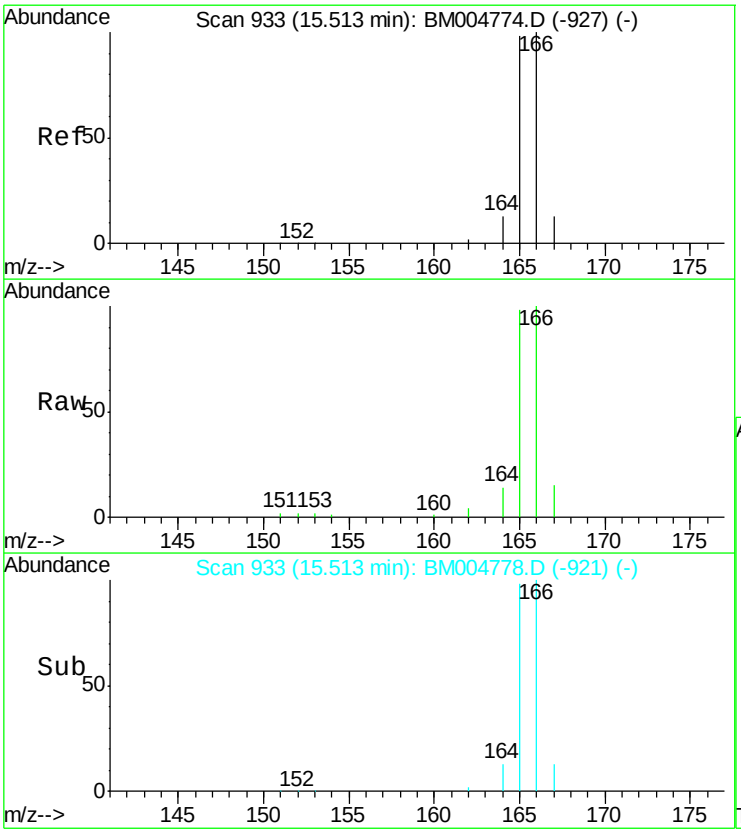
#10
Acenaphthene
Concen: 0.41 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:153 Resp: 4384

Ion	Ratio	Lower	Upper
153	100		
152	49.2	33.9	50.9
154	88.6	80.6	121.0

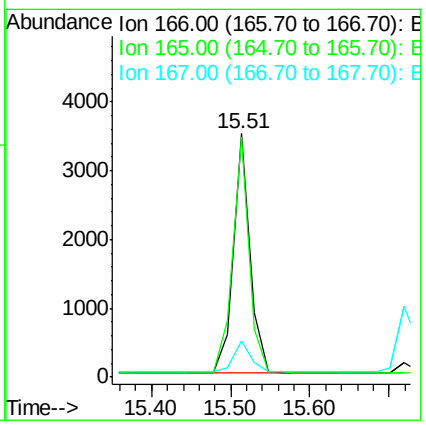


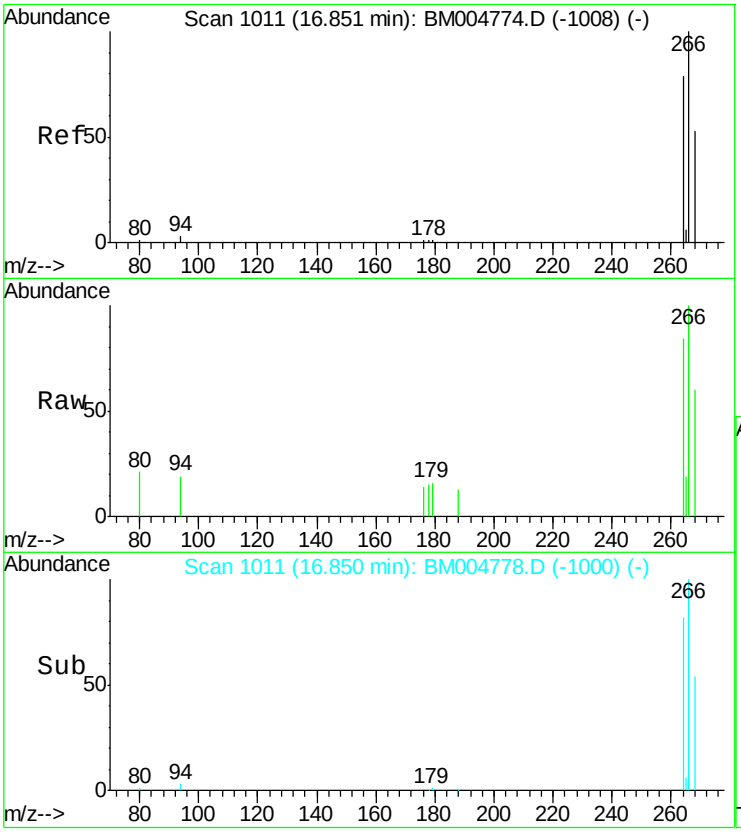


#11
Fluorene
Concen: 0.41 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:166 Resp: 5159

Ion	Ratio	Lower	Upper
166	100		
165	98.3	69.6	104.4
167	15.0	11.9	17.9



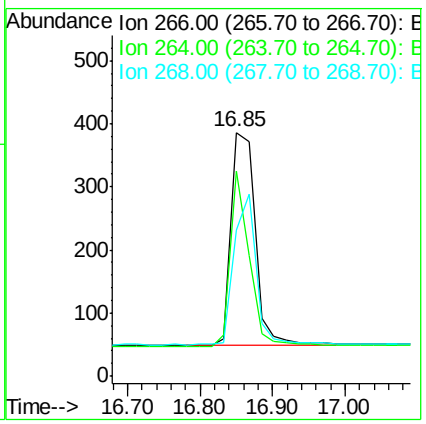


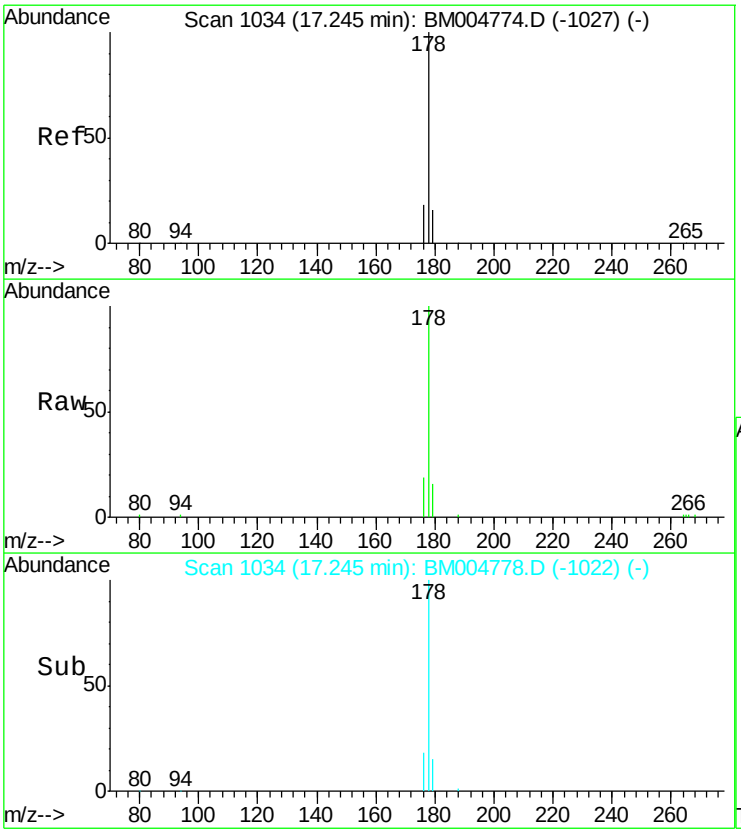
#13
Pentachlorophenol
Concen: 0.42 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:266 Resp: 781

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.8	77.8
268	65.4	46.8	70.2

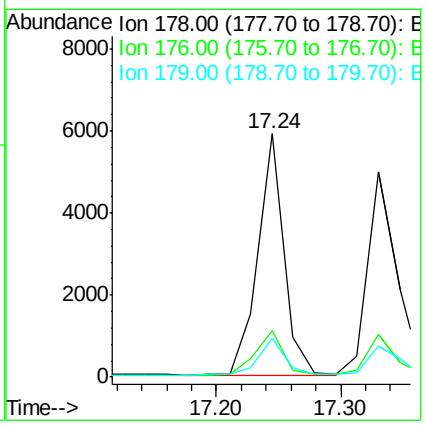


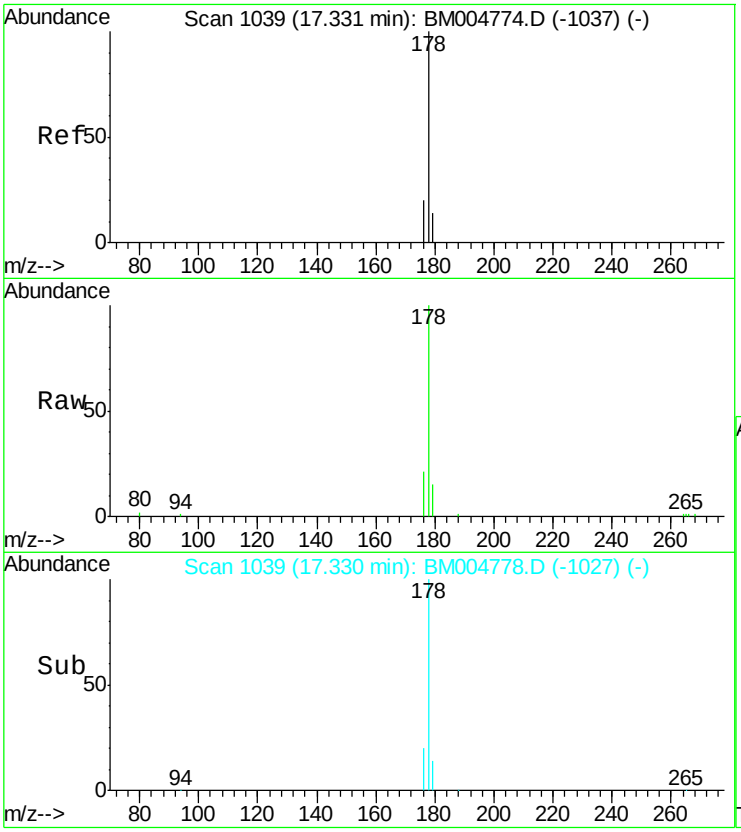


#14
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:178 Resp: 8614

Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.0	19.4
179	16.2	14.2	21.2



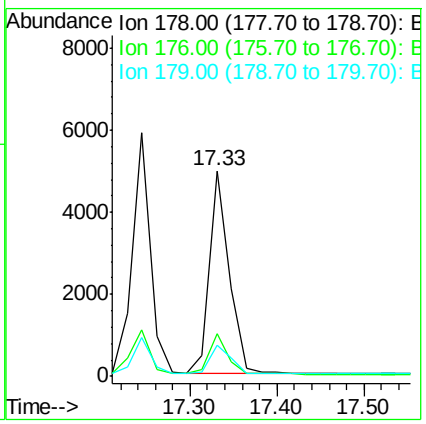


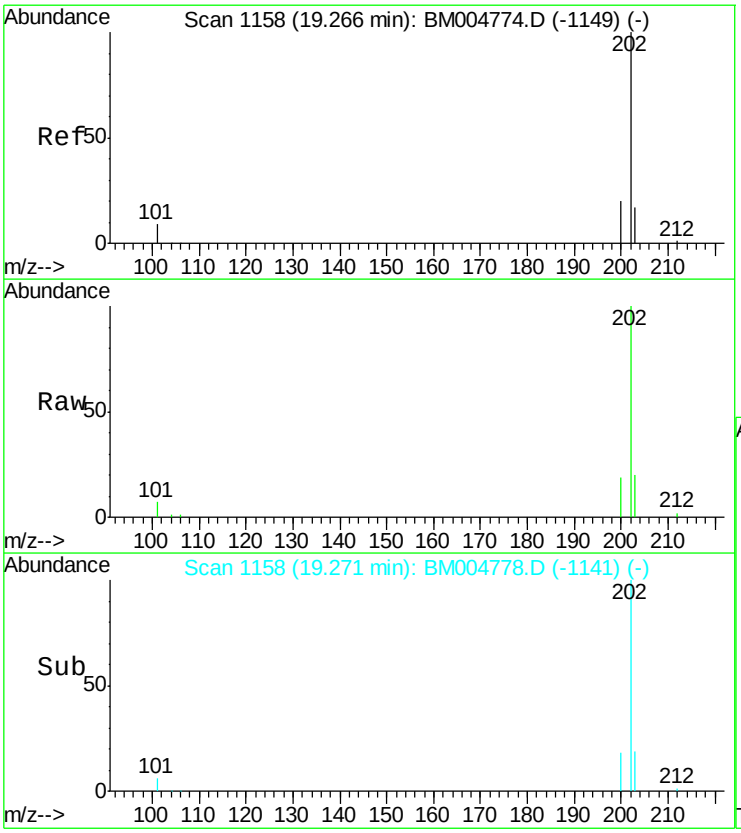
#15
Anthracene
Concen: 0.40 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:178 Resp: 7941

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.0	21.0
179	15.2	12.9	19.3

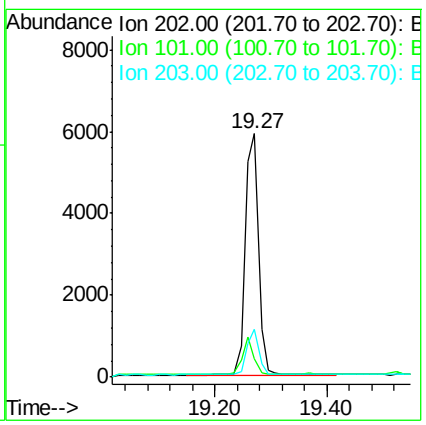


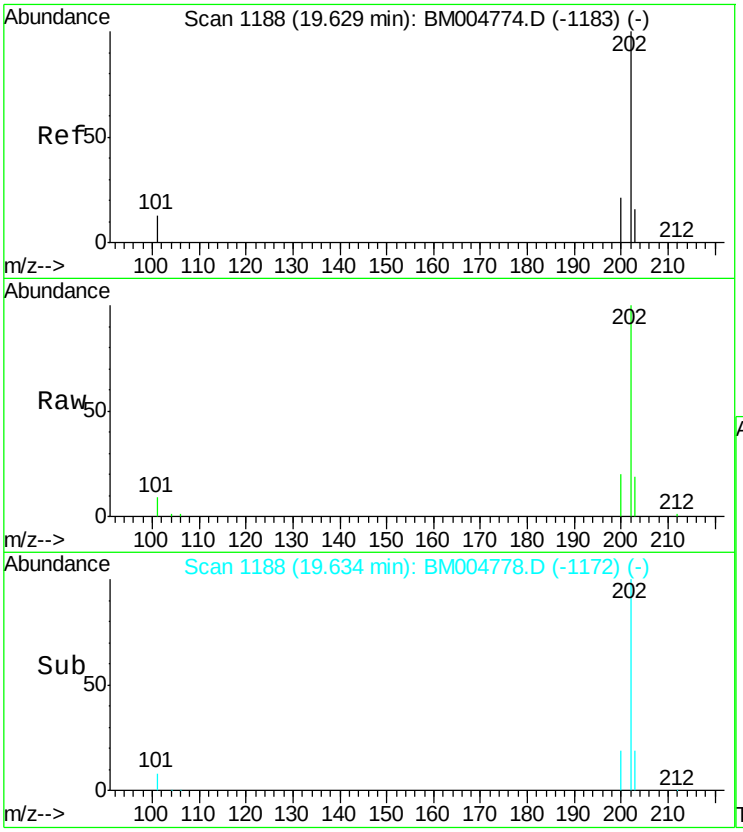


#17
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:202 Resp: 9638

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.6
203	19.6	0.0	36.3



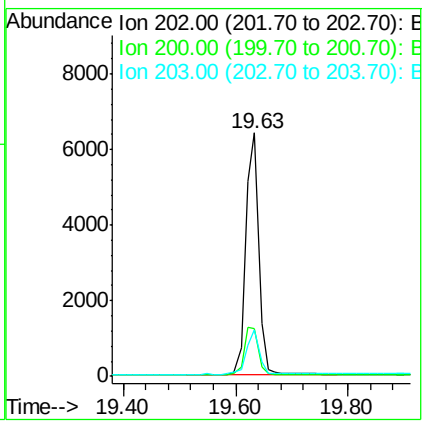


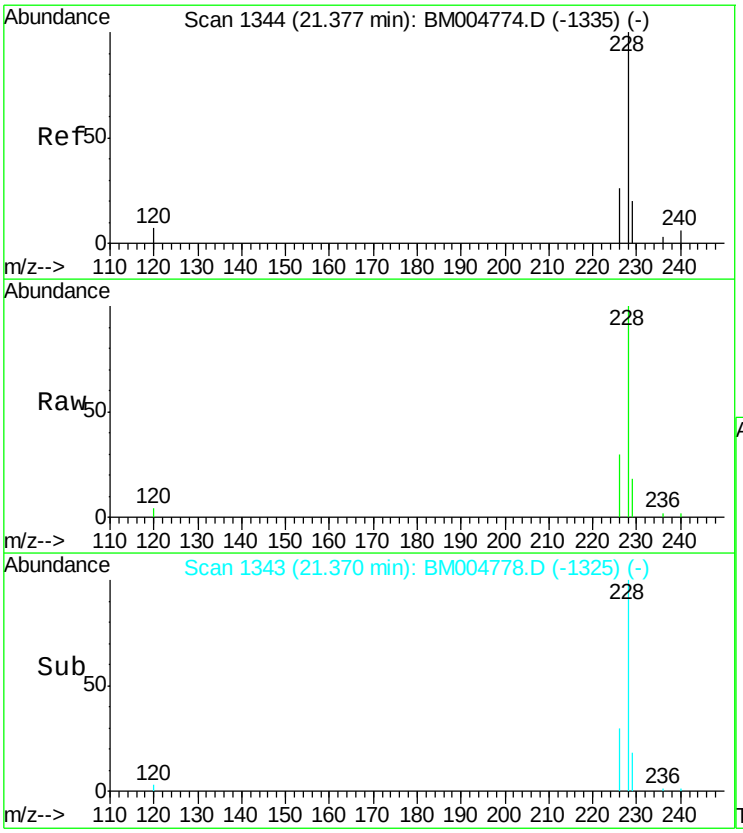
#19
Pyrene
Concen: 0.40 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:202 Resp: 10046

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.8	26.8
203	19.3	12.8	19.2#

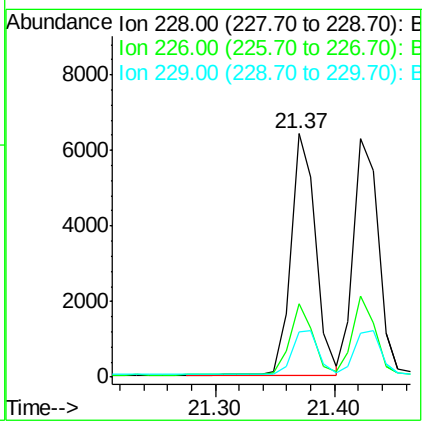


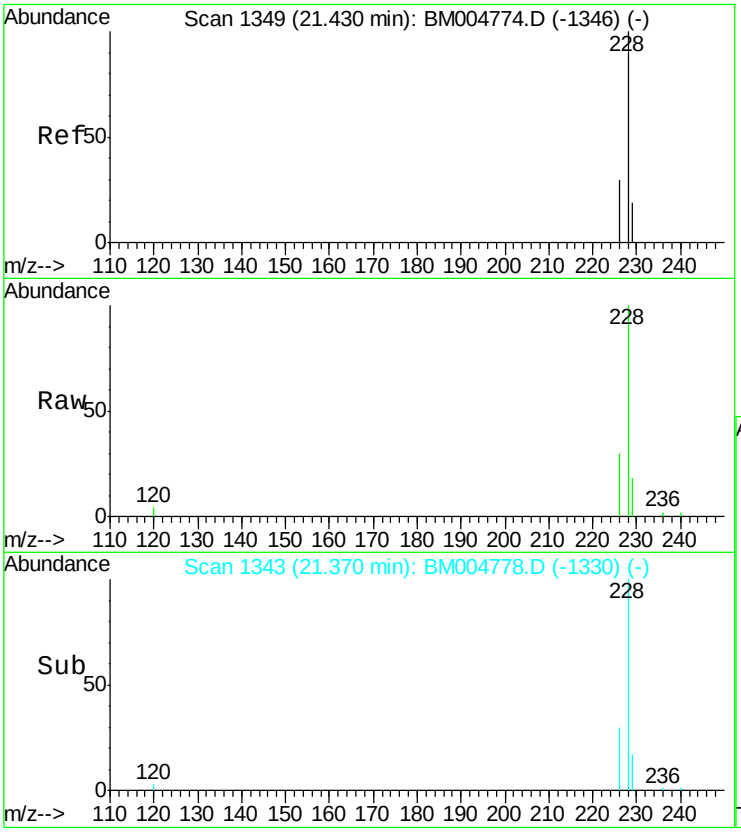


#20
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:228 Resp: 9176

Ion	Ratio	Lower	Upper
228	100		
226	30.2	18.8	28.2#
229	18.4	17.1	25.7



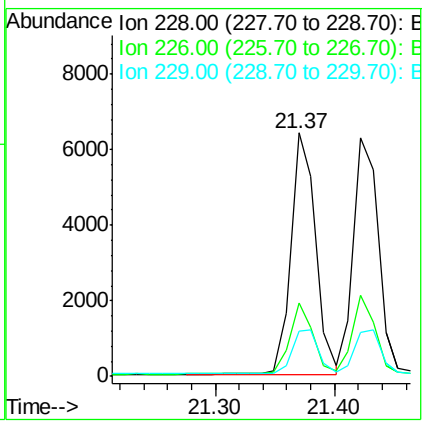


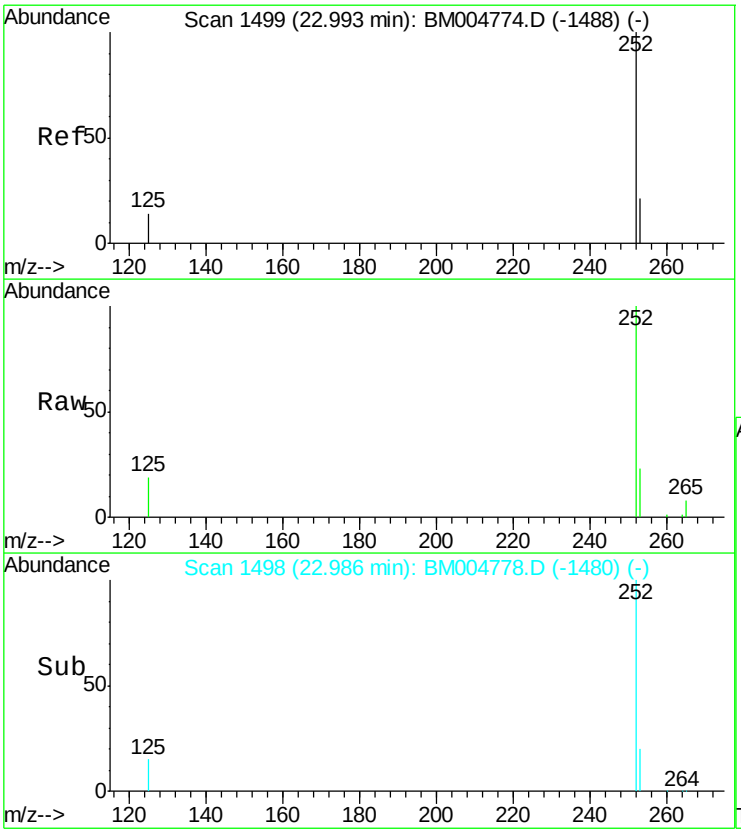
#21
Chrysene
Concen: 0.42 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.07 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:228 Resp: 9176

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.2	31.8
229	18.4	17.0	25.6

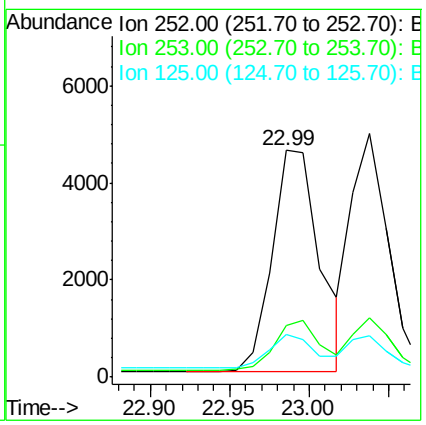


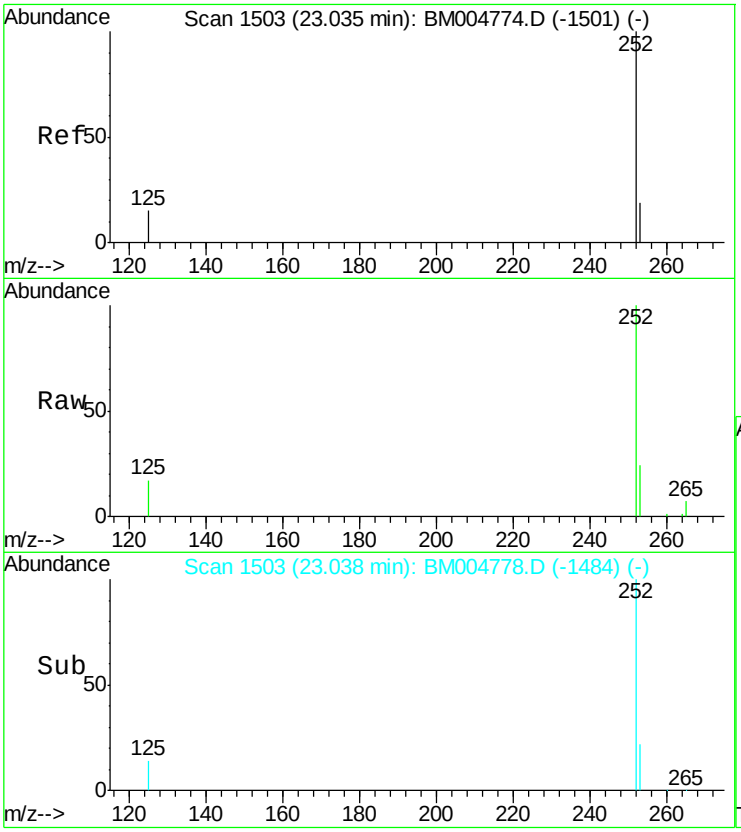


#23
Benzo(b)fluoranthene
Concen: 0.43 ng/ul
RT: 22.99 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:252 Resp: 9516

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.4
125	18.8	0.0	28.8



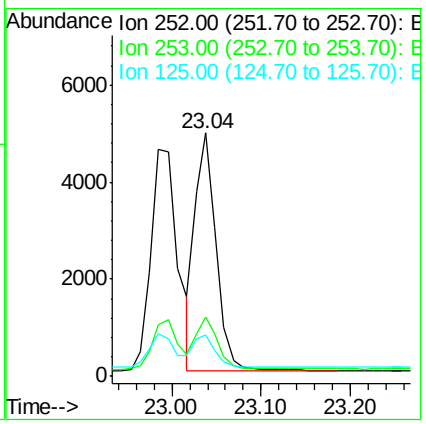


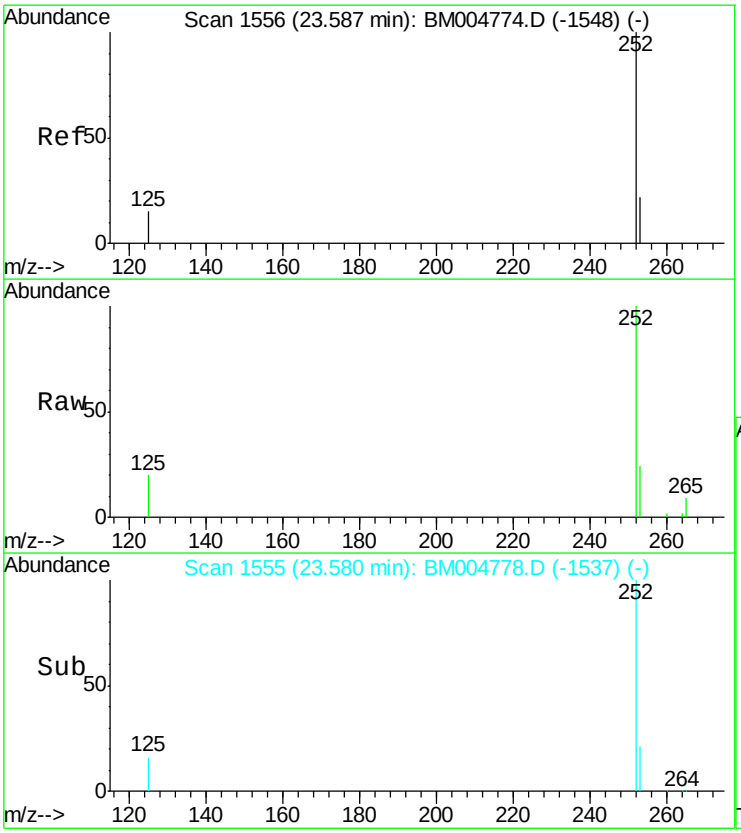
#24
Benzo(k)fluoranthene
Concen: 0.40 ng/ul
RT: 23.04 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:252 Resp: 8103

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.8
125	16.9	10.4	15.6#

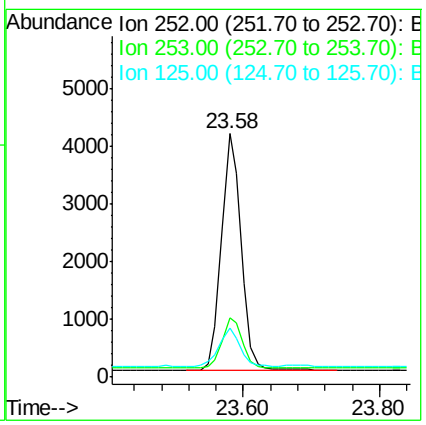


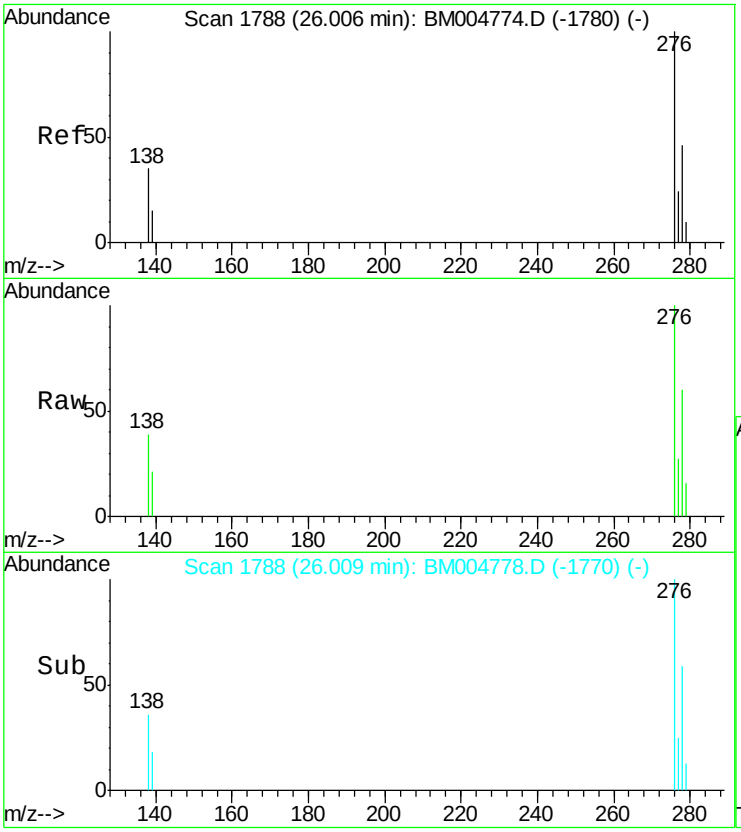


#25
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:252 Resp: 8301

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	20.0	12.7	19.1#



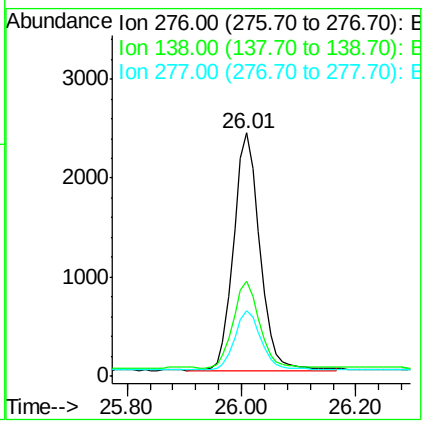


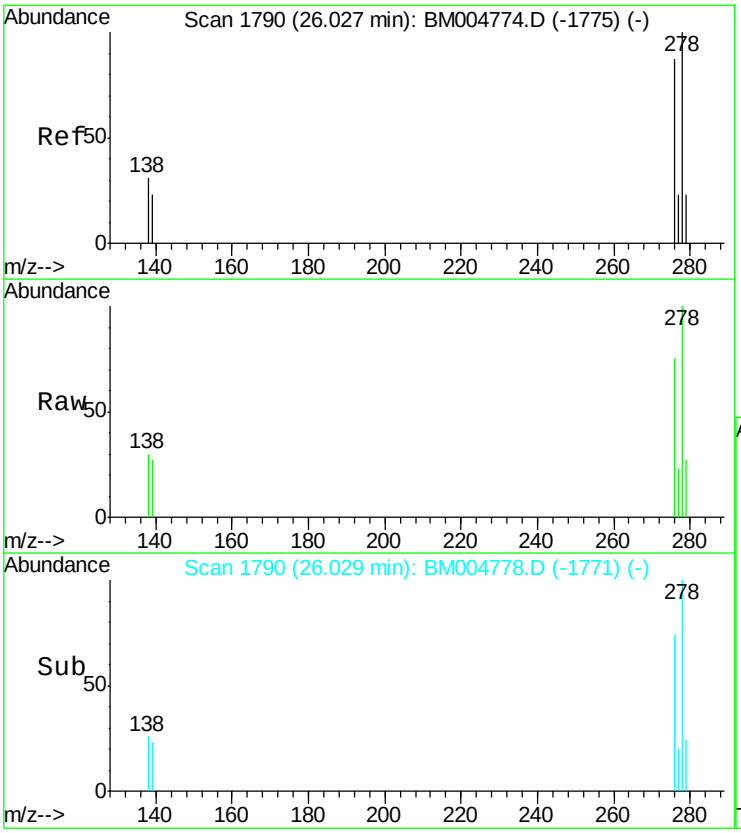
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:276 Resp: 7613

Ion	Ratio	Lower	Upper
276	100		
138	36.5	16.3	24.5#
277	24.9	19.8	29.8

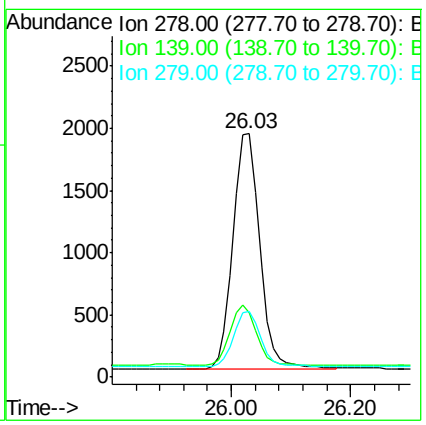


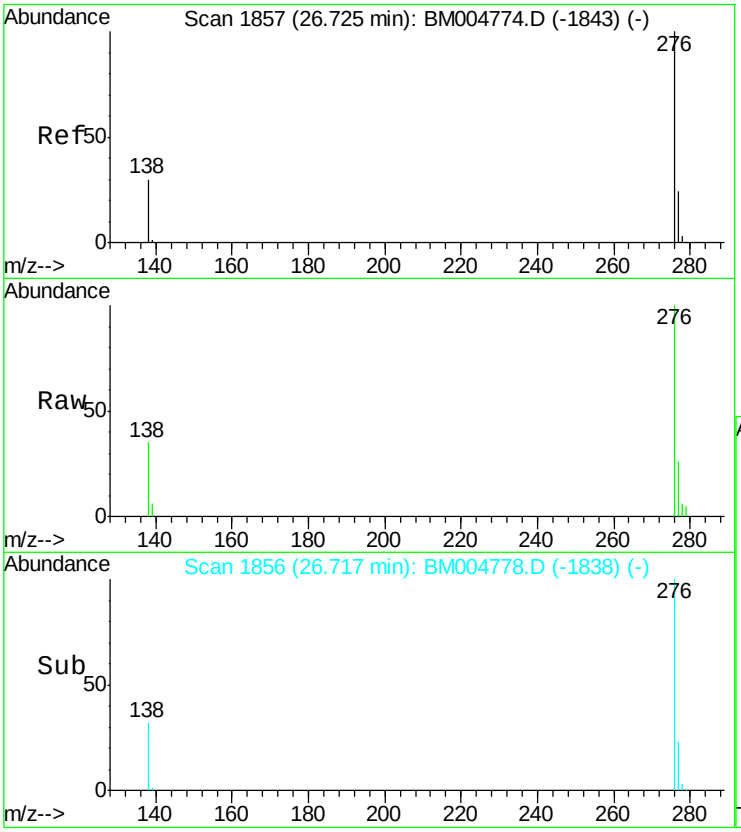


#27
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 26.03 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Tgt Ion:278 Resp: 5950

Ion	Ratio	Lower	Upper
278	100		
139	26.6	16.4	24.6#
279	27.2	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.72 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BM004778.D
Acq: 25 Mar 2016 15:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.442

Tgt Ion:276 Resp: 6377

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.9	28.3
138	35.3	22.5	33.7#