Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
Data File : BM003574.D
Acq On : 16 Dec 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.455

Quant Time: Dec 17 01:04:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4491	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	17269	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	9137	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	21074	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	22194	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	17630	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	3975	2.07	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.10	152	8296	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	18562	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.21	88	4795	1.96	ng/ul#	100
5) Naphthalene	10.55	128	15730	0.40	ng/ul	98
7) 2-Methylnaphthalene	12.17	142	10806	0.41	ng/ul	98
9) Acenaphthylene	14.07	152	13200	0.38	ng/ul	94
10) Acenaphthene	14.42	153	11698	0.42	ng/ul	86
11) Fluorene	15.41	166	13451	0.43	ng/ul	85
13) Pentachlorophenol	16.76	266	727	0.24	ng/ul	93
14) Phenanthrene	17.24	178	17425	0.32	ng/ul	99
15) Anthracene	17.24	178	18591	0.40	ng/ul	97
17) Fluoranthene	19.17	202	24856	0.42	ng/ul	96
19) Pyrene	19.54	202	25522	0.43	ng/ul	93
20) Benzo(a)anthracene	21.29	228	21523	0.40	ng/ul	98
21) Chrysene	21.35	228	25879	0.42	ng/ul	98
23) Benzo(b)fluoranthene	22.88	252	23486	0.39	ng/ul	98
24) Benzo(k)fluoranthene	22.92	252	23229	0.43	ng/ul	97
25) Benzo(a)pyrene	23.46	252	20589	0.41	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.83	276	22058	0.37	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.84	278	17527	0.37	ng/ul	99
28) Benzo(g,h,i)perylene	26.53	276	19362	0.38	ng/ul	96

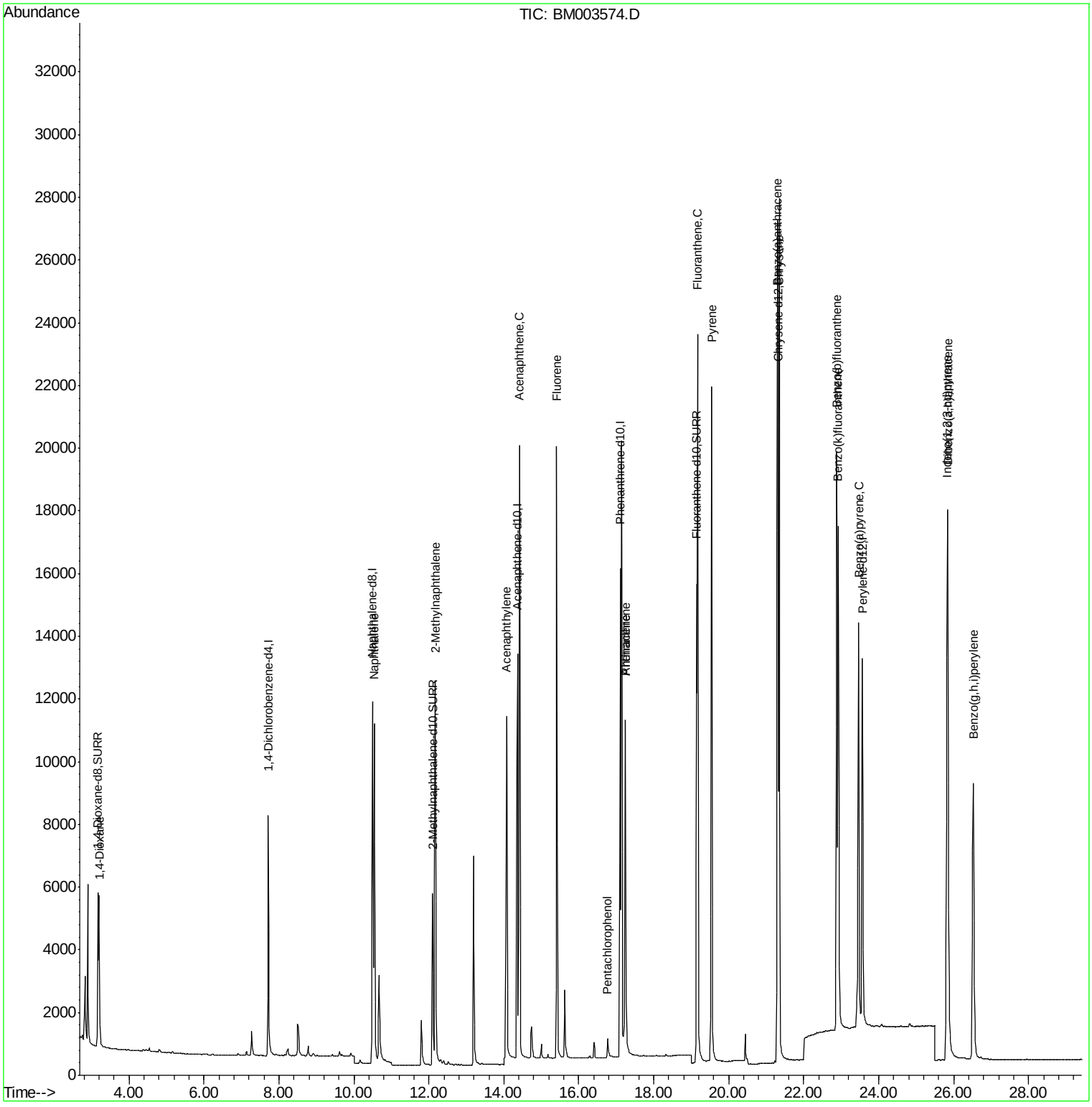
(#) = qualifier out of range (m) = manual integration (+) = signals summed

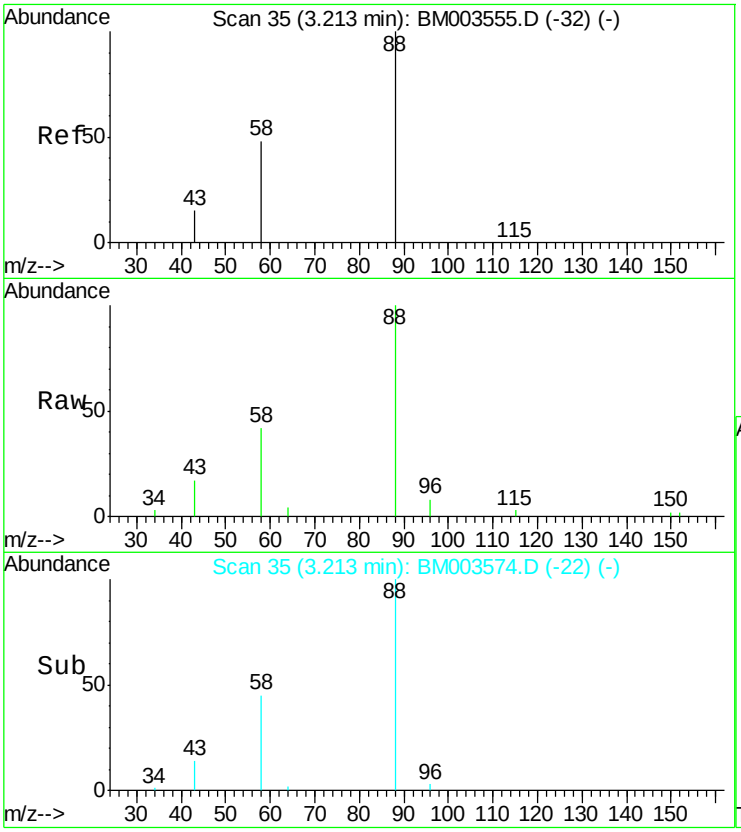
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
Data File : BM003574.D
Acq On : 16 Dec 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Quant Time: Dec 17 01:04:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 05:49:57 2015
Response via : Initial Calibration



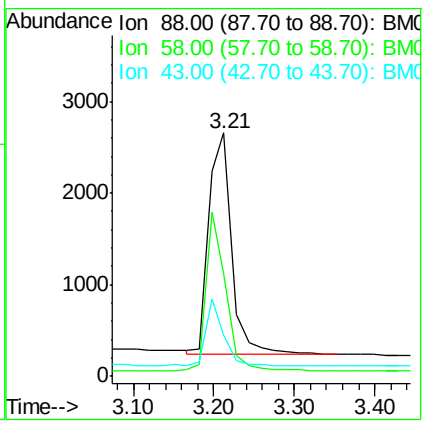


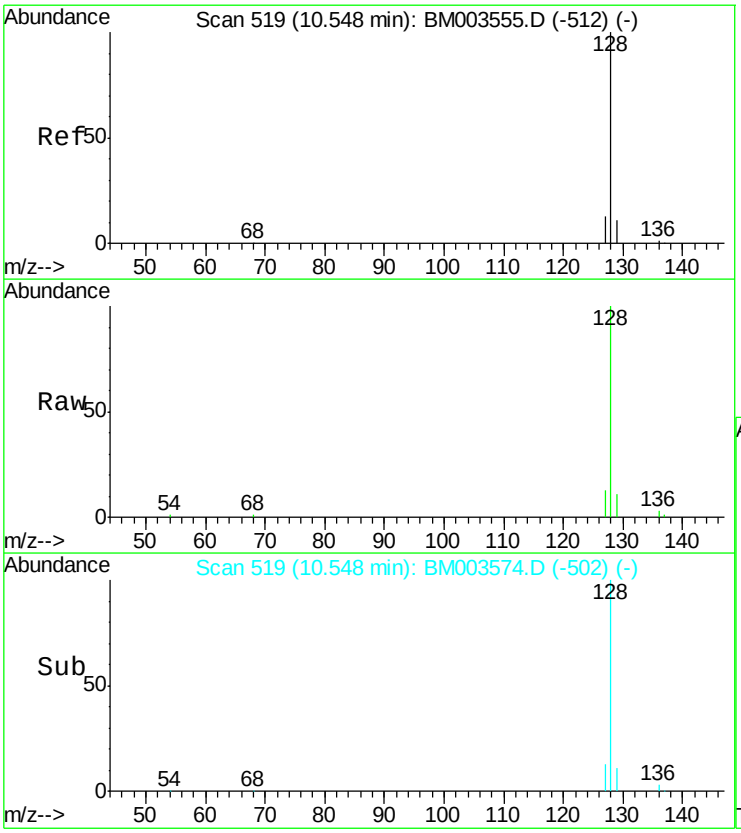
#3
1,4-Dioxane
Concen: 1.96 ng/ul
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion: 88 Resp: 4795

Ion	Ratio	Lower	Upper
88	100		
58	60.6	0.0	0.0#
43	22.8	0.0	0.0#

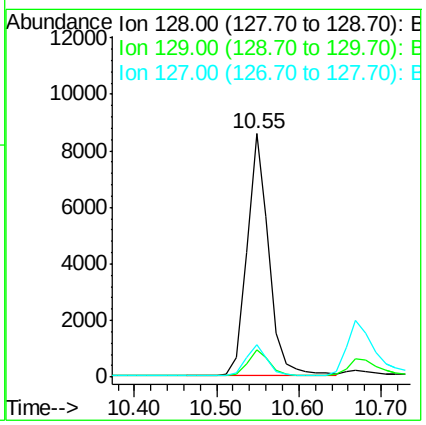


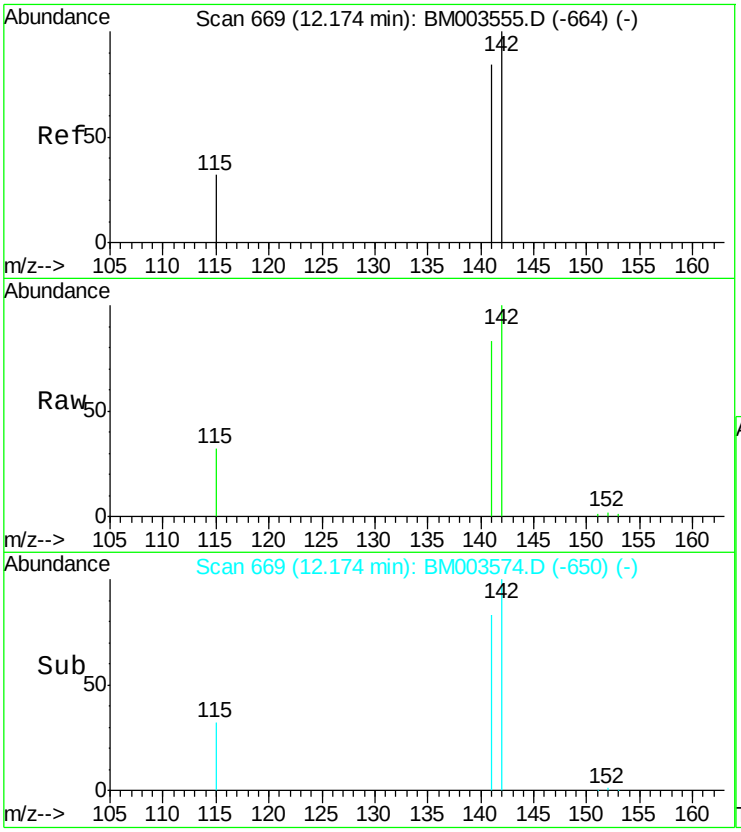


#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:128 Resp: 15730

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	9.6	14.4



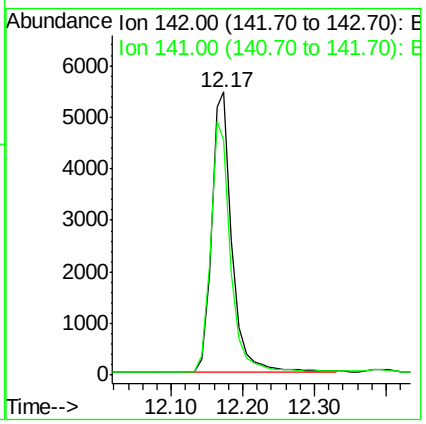


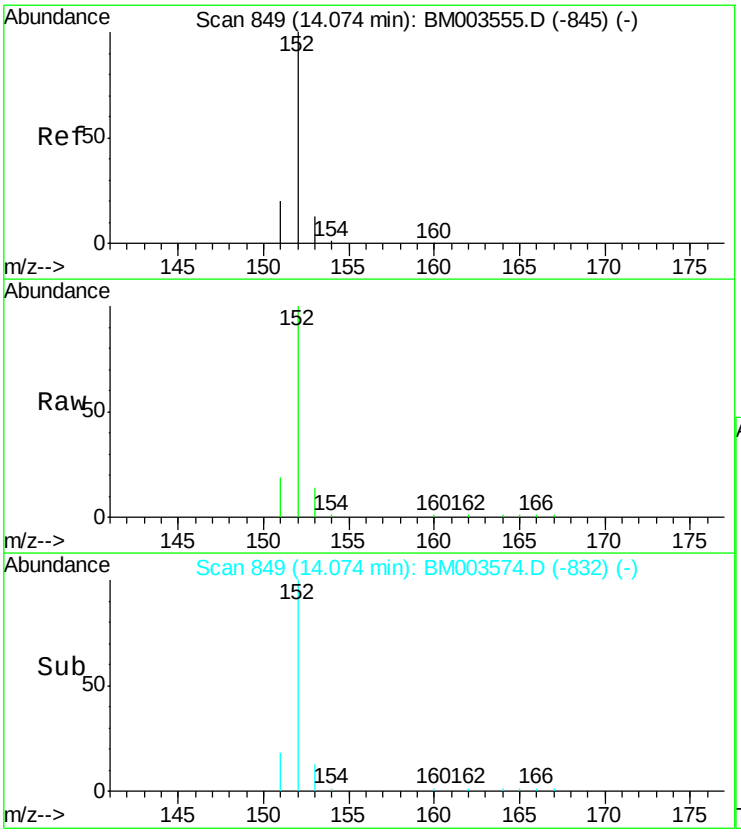
#7
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:142 Resp: 10806

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5

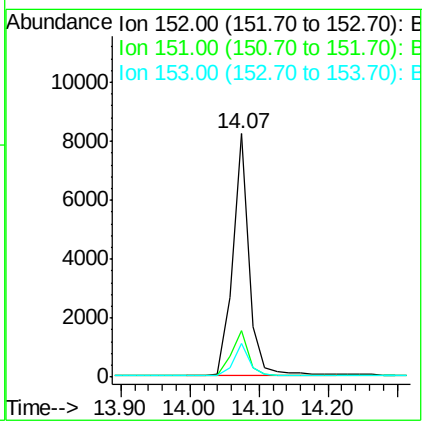


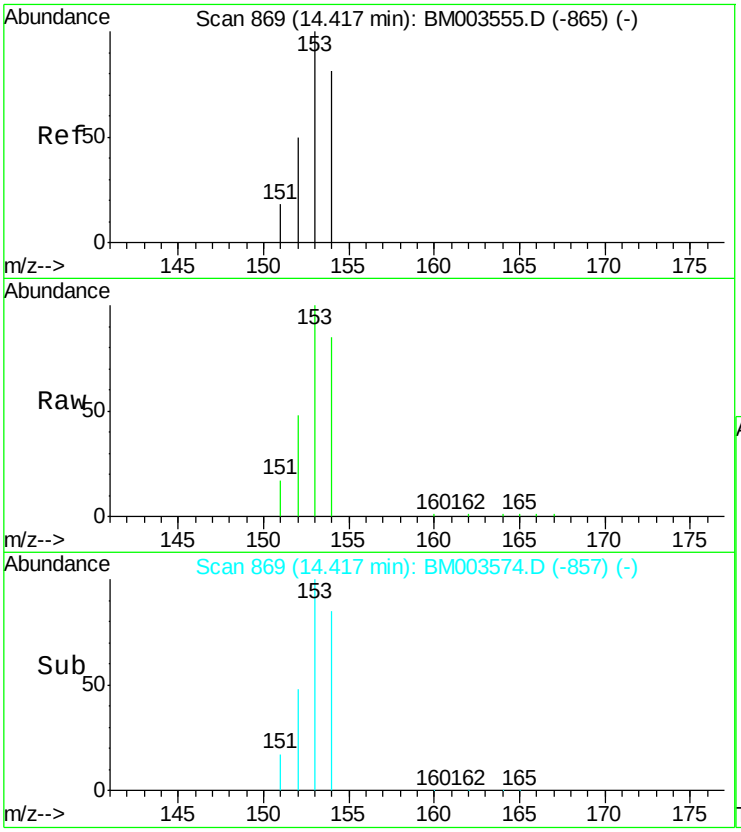


#9
Acenaphthylene
Concen: 0.38 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:152 Resp: 13200

Ion	Ratio	Lower	Upper
152	100		
151	18.9	17.6	26.4
153	13.8	9.7	14.5



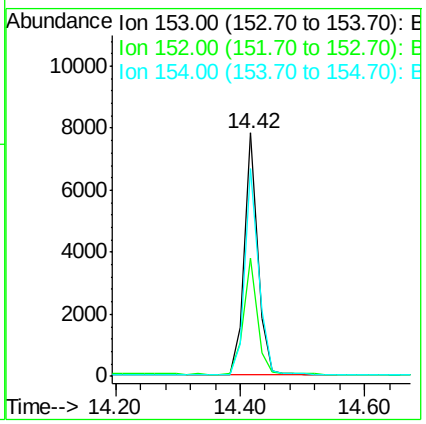


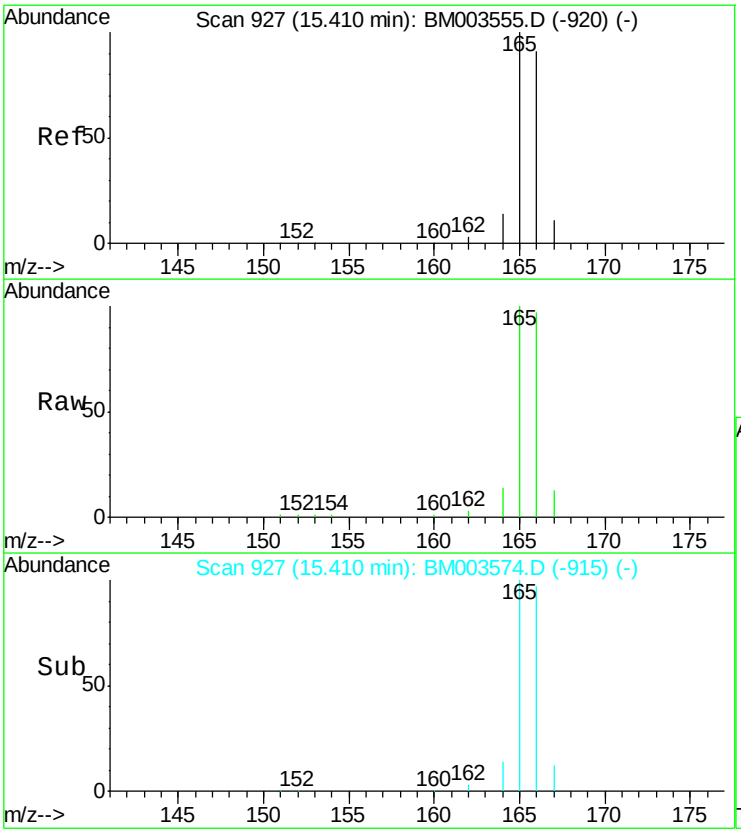
#10
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:153 Resp: 11698

Ion	Ratio	Lower	Upper
153	100		
152	48.5	33.9	50.9
154	85.2	80.6	121.0

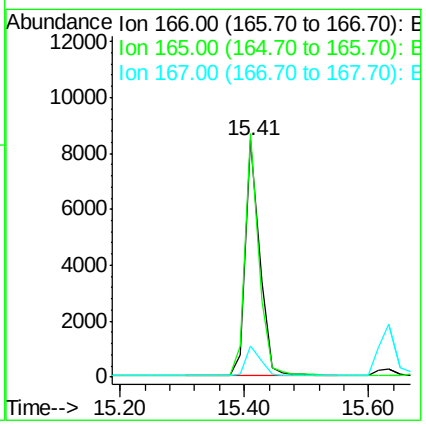


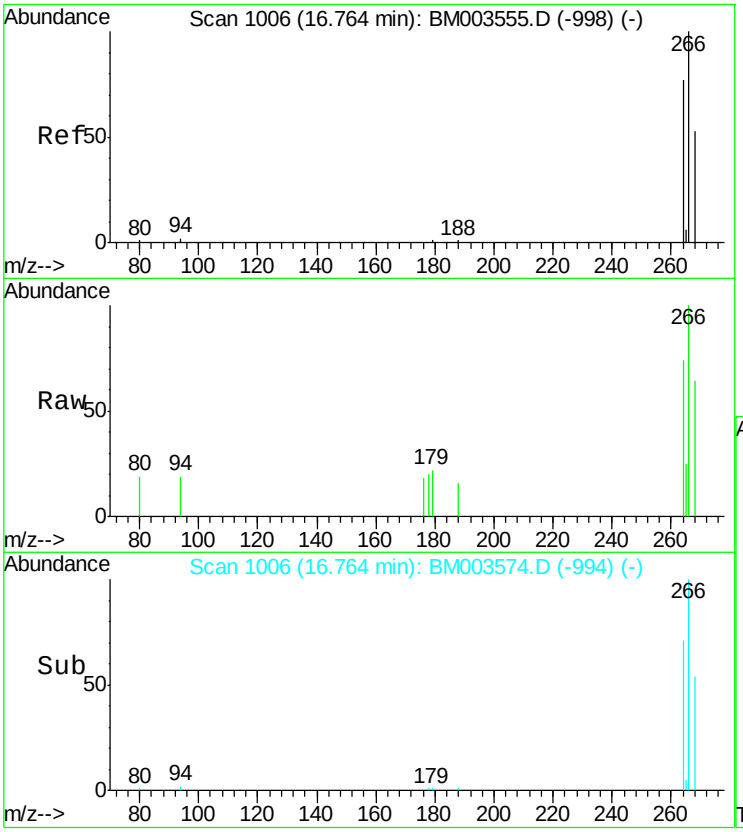


#11
Fluorene
Concen: 0.43 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:166 Resp: 13451

Ion	Ratio	Lower	Upper
166	100		
165	102.7	69.6	104.4
167	13.0	11.9	17.9



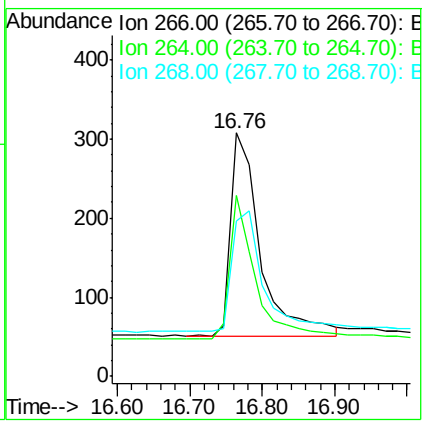


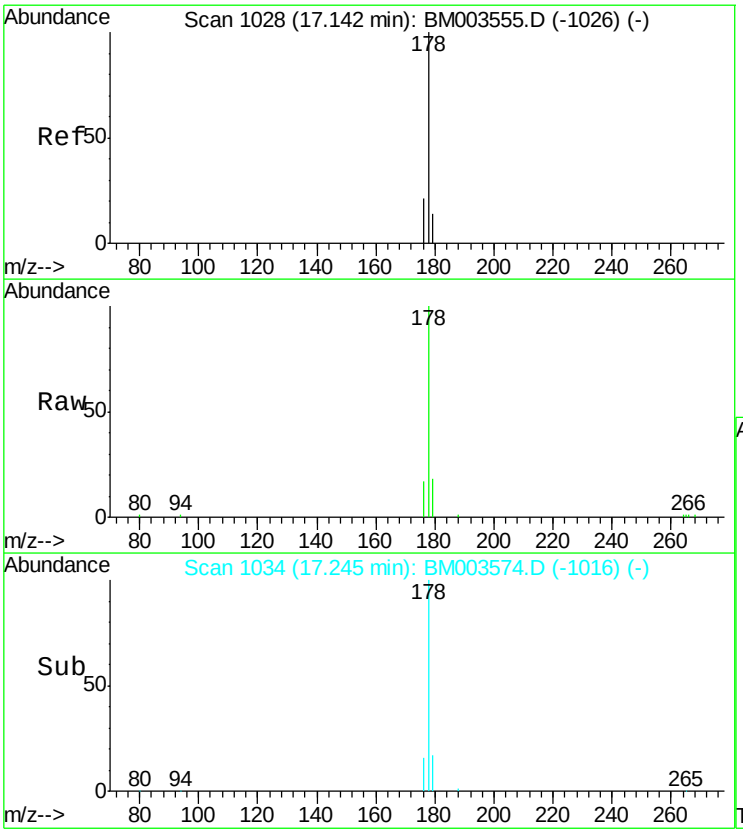
#13
Pentachlorophenol
Concen: 0.24 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:266 Resp: 727

Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.8	77.8
268	65.9	46.8	70.2

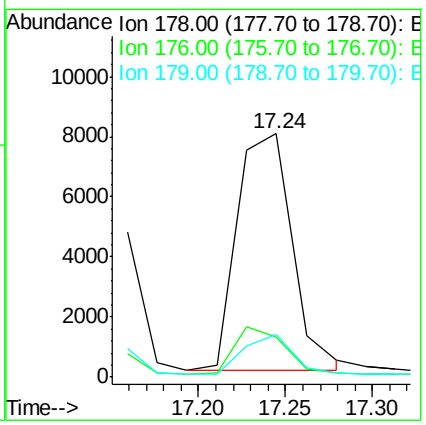


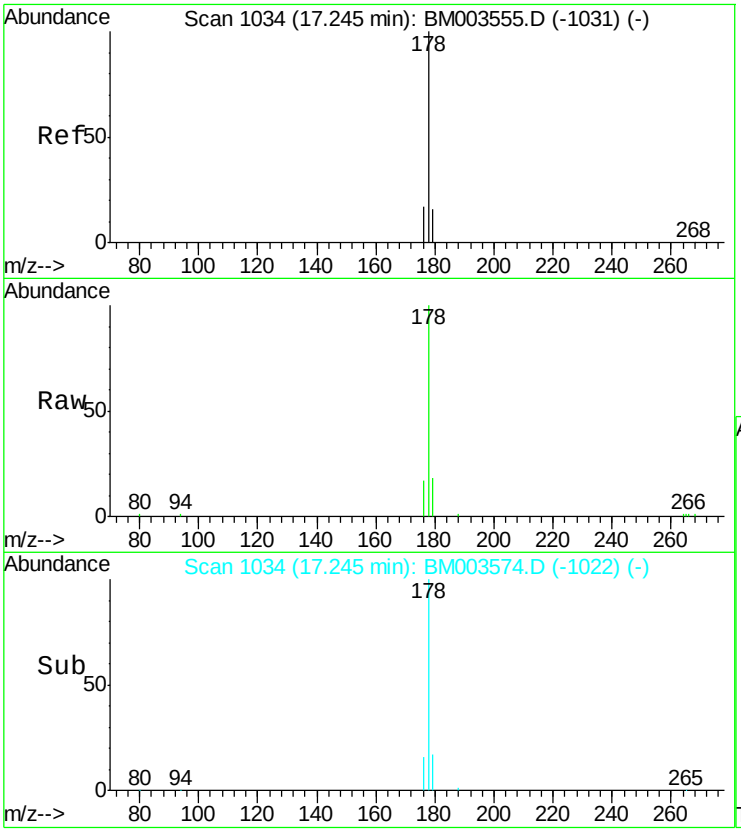


#14
Phenanthrene
Concen: 0.32 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.10 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:178 Resp: 17425

Ion	Ratio	Lower	Upper
178	100		
176	16.6	13.0	19.4
179	17.6	14.2	21.2



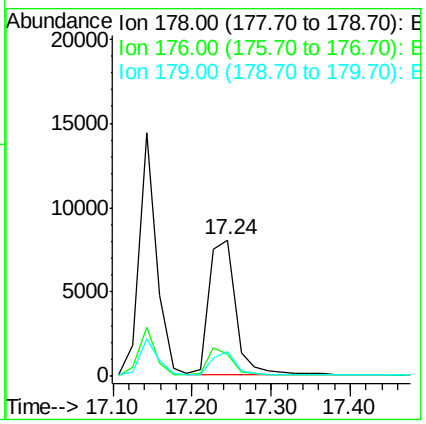


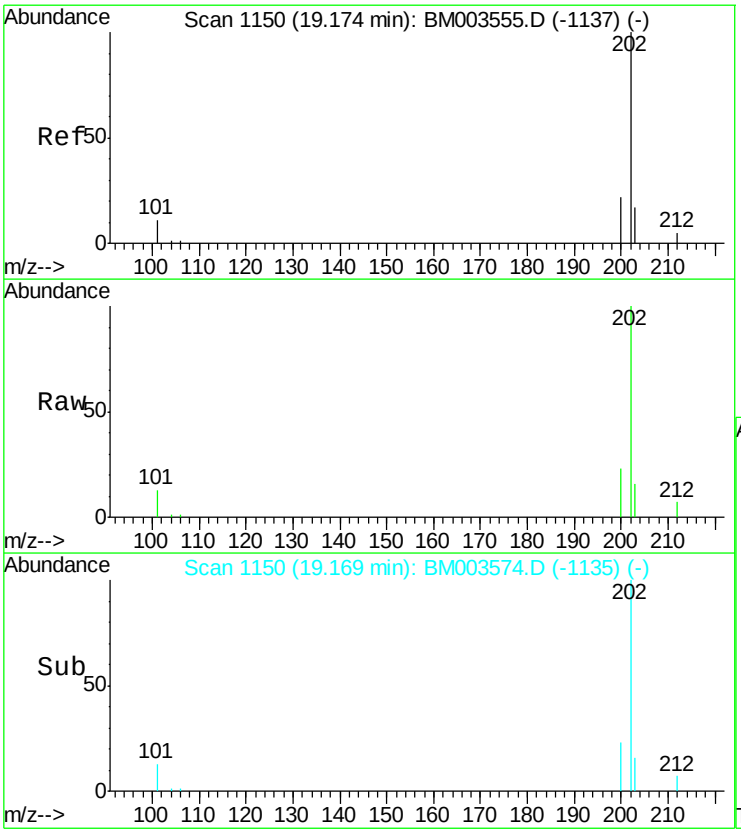
#15
Anthracene
Concen: 0.40 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:178 Resp: 18591

Ion	Ratio	Lower	Upper
178	100		
176	16.6	14.0	21.0
179	17.6	12.9	19.3

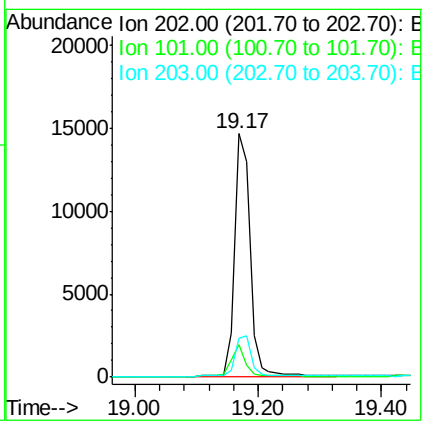


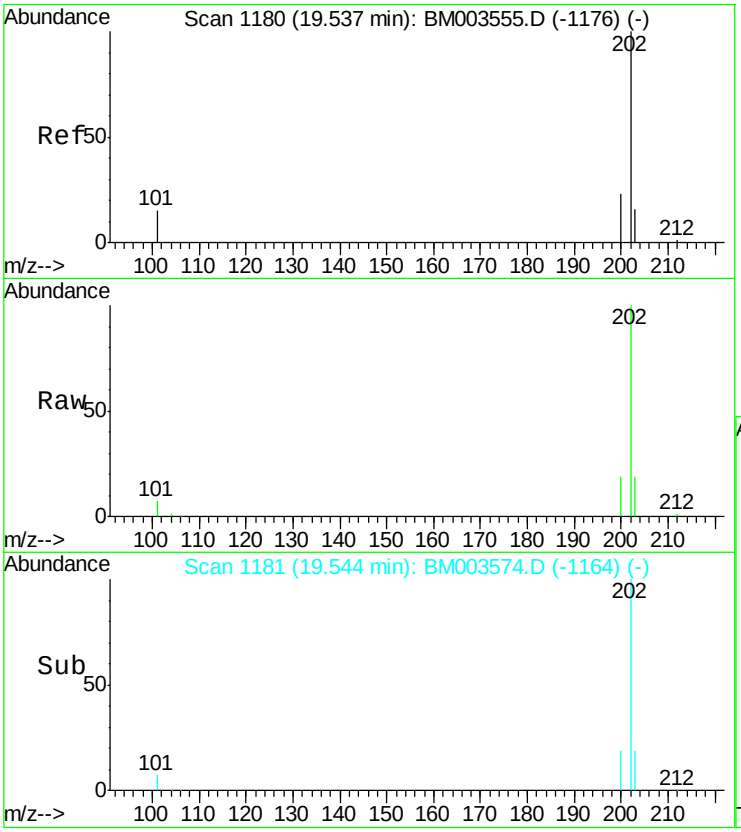


#17
Fluoranthene
Concen: 0.42 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:202 Resp: 24856

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	29.6
203	16.0	0.0	36.3



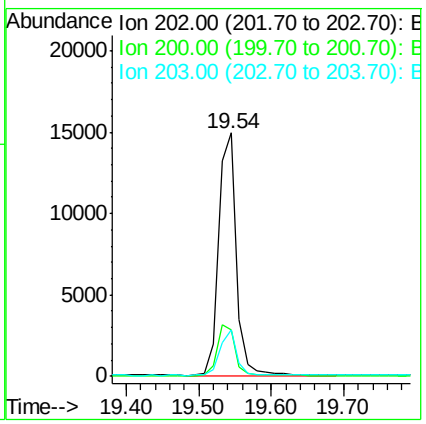


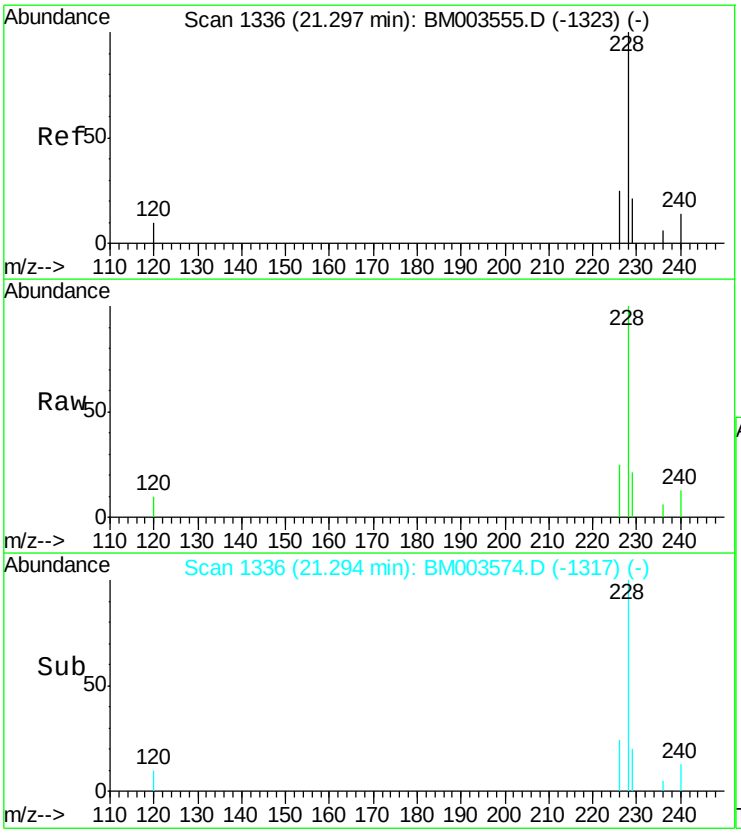
#19
Pyrene
Concen: 0.43 ng/ul
RT: 19.54 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:202 Resp: 25522

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.8	26.8
203	18.9	12.8	19.2

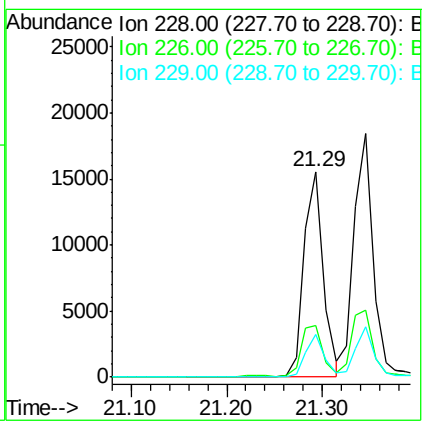


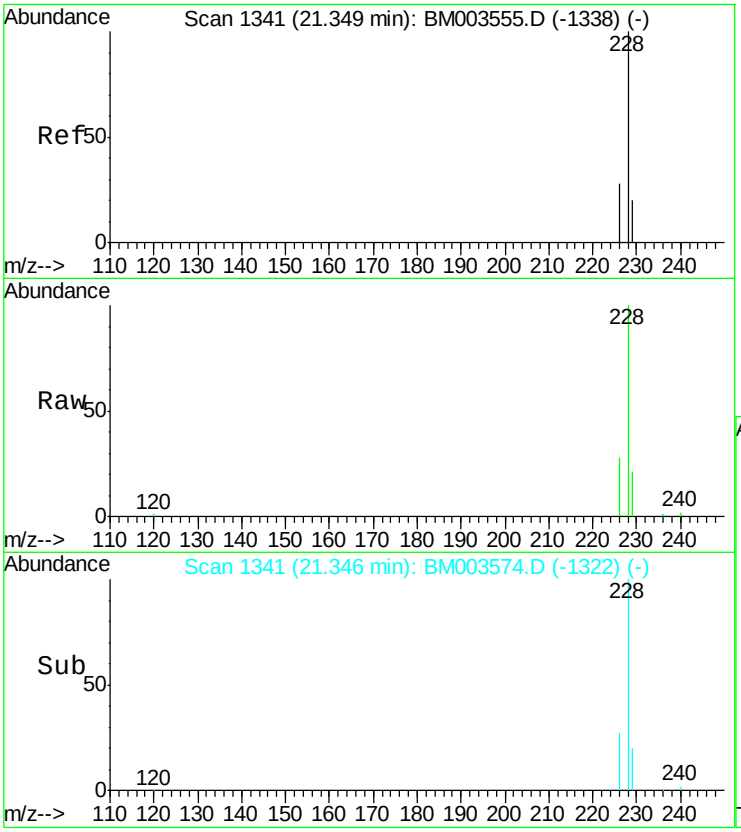


#20
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:228 Resp: 21523

Ion	Ratio	Lower	Upper
228	100		
226	24.8	18.8	28.2
229	20.7	17.1	25.7



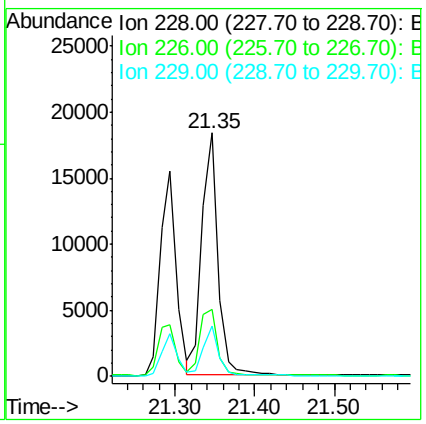


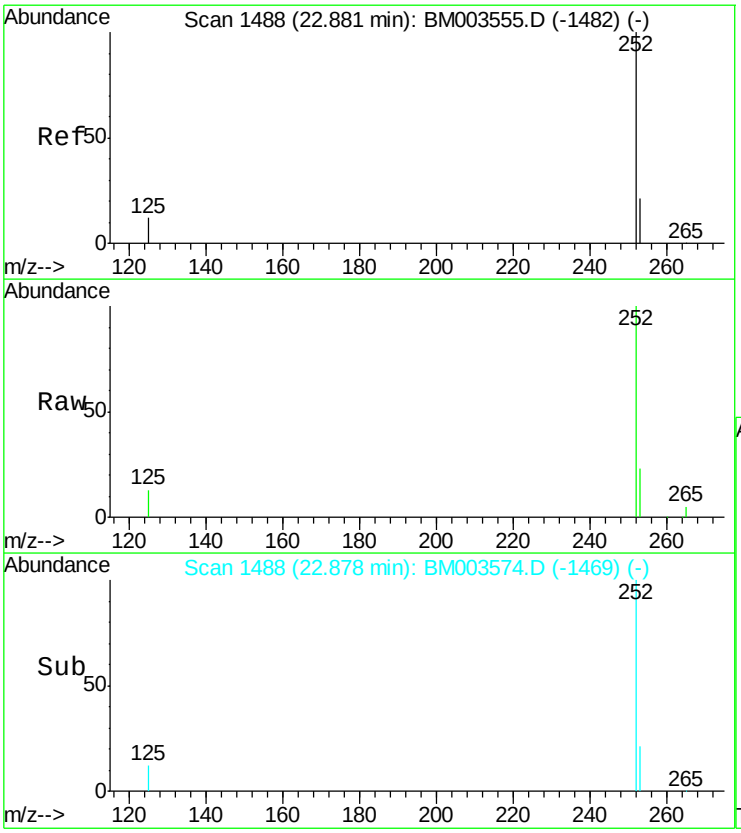
#21
Chrysene
Concen: 0.42 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:228 Resp: 25879

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	20.5	17.0	25.6

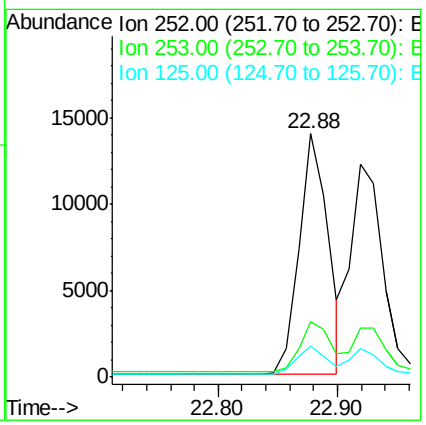


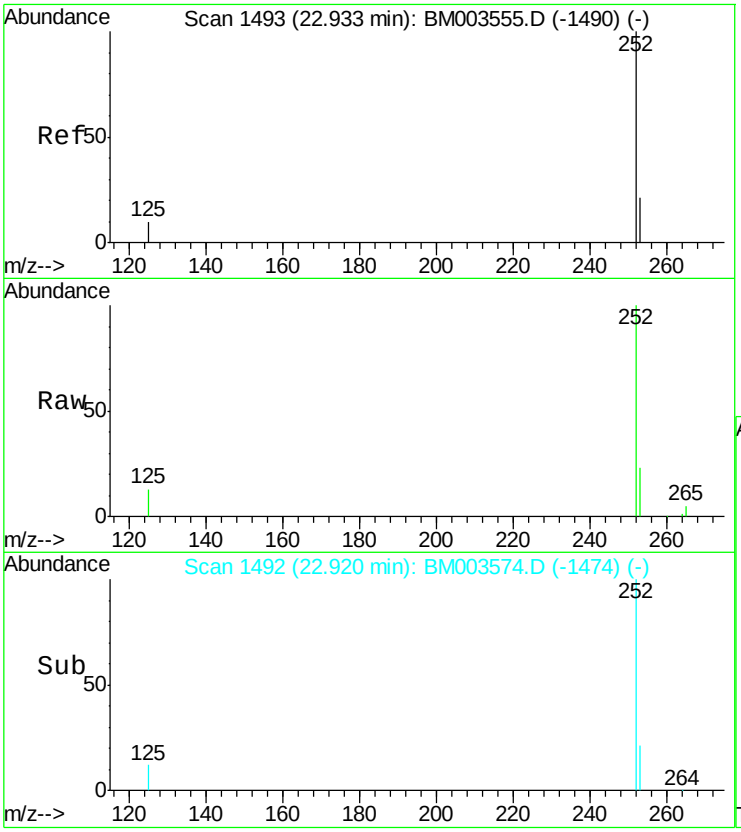


#23
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 22.88 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:252 Resp: 23486

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.4
125	12.8	0.0	28.8



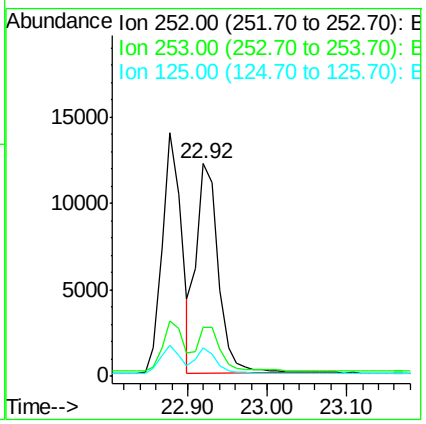


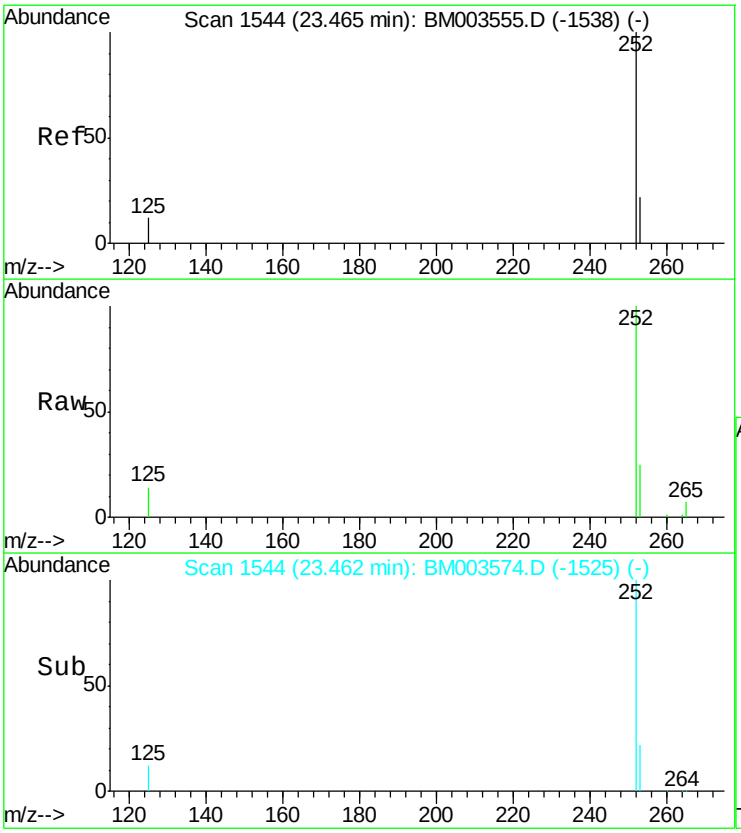
#24
Benzo(k)fluoranthene
Concen: 0.43 ng/ul
RT: 22.92 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:252 Resp: 23229

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.8	29.8
125	13.2	10.4	15.6

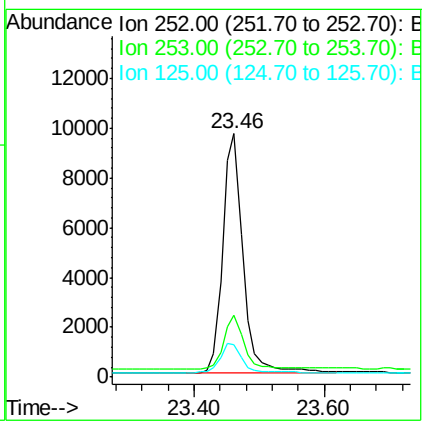


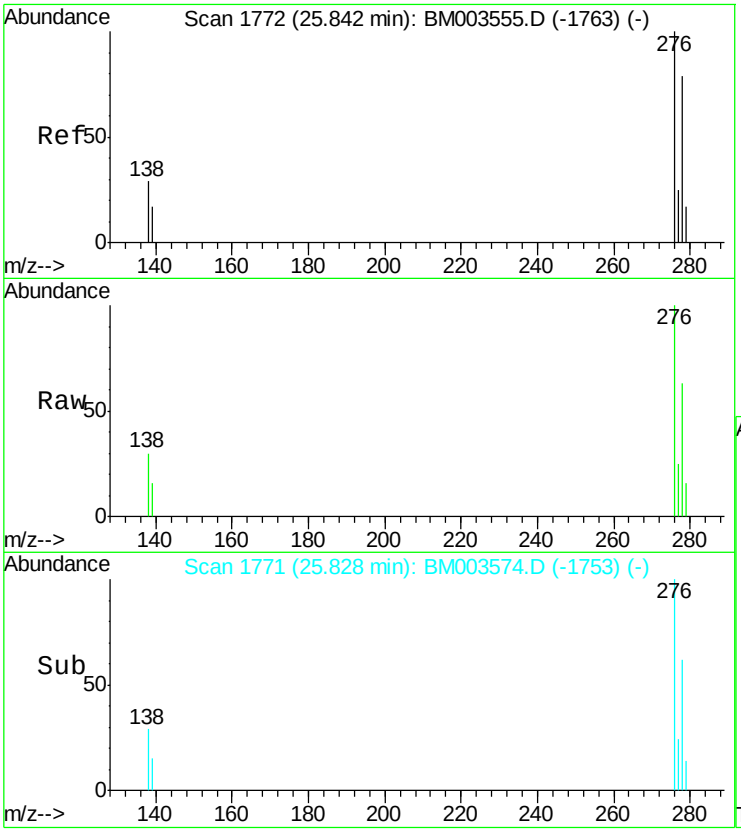


#25
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.46 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:252 Resp: 20589

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	13.6	12.7	19.1



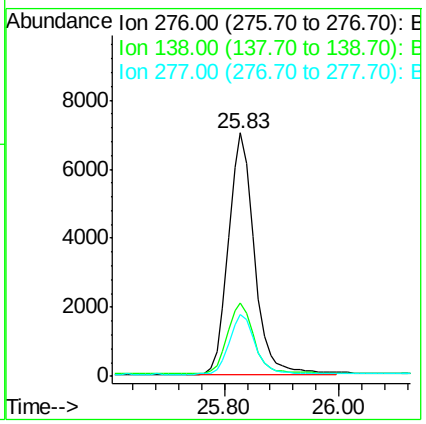


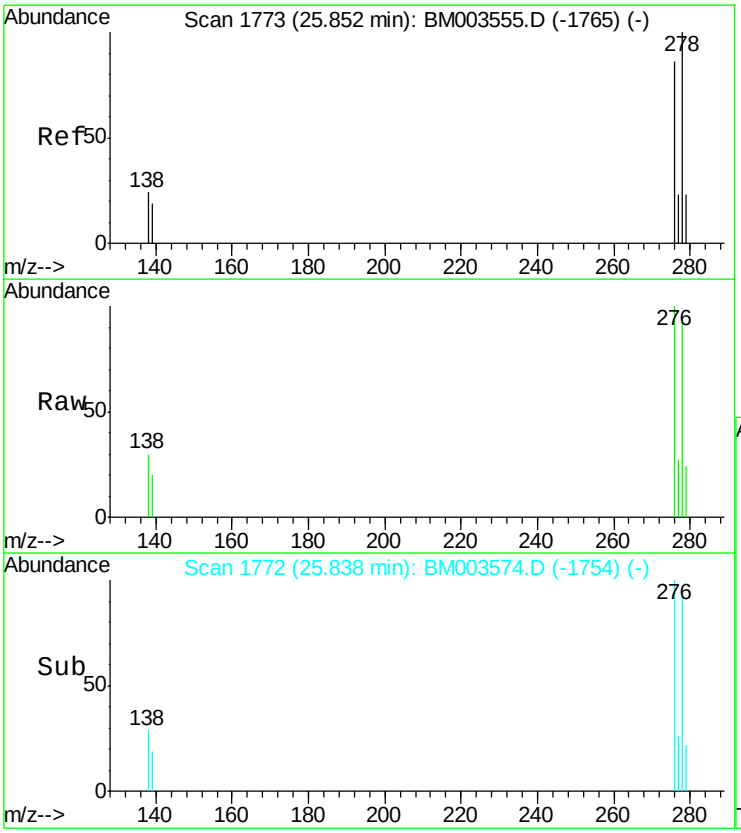
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:276 Resp: 22058

Ion	Ratio	Lower	Upper
276	100		
138	29.9	16.3	24.5#
277	24.8	19.8	29.8

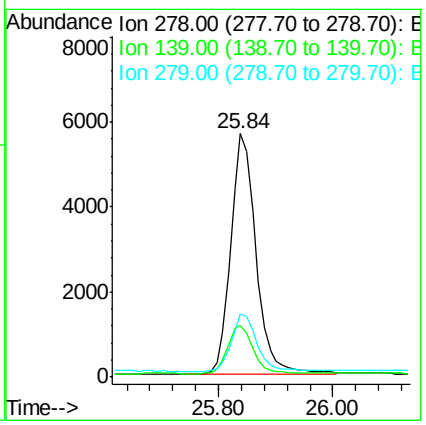


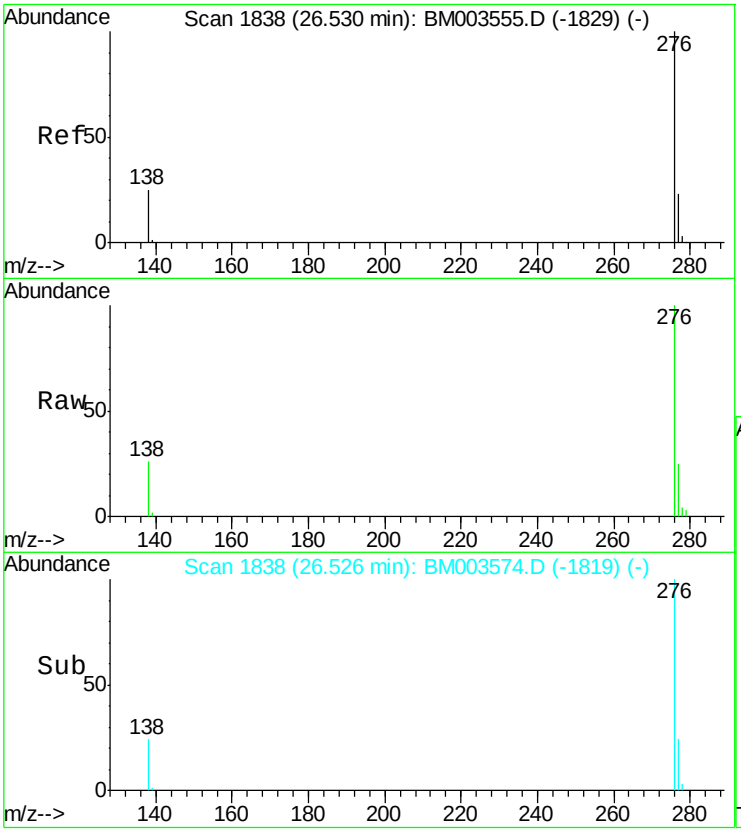


#27
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Tgt Ion:278 Resp: 17527

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.4	24.6
279	25.7	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.53 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM003574.D
Acq: 16 Dec 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.455

Tgt Ion:276 Resp: 19362

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	25.6	22.5	33.7