Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002270.D
Acq On : 08 Aug 2015 10:58
Operator : TP/UM
Sample : G3126-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9D08

Quant Time: Aug 09 05:33:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	311573	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1488267	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	784131	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1578947	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1308355	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1041984	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	874182	10.76	ng/ul	0.00
10) Fluorene-d10	16.47	176	569950	10.09	ng/ul	0.00
14) Anthracene-d10	18.30	188	809319	10.56	ng/ul	0.00
18) Pyrene-d10	20.52	212	771794	12.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	565915	10.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	242423	3.09	ng/ul	99
4) 2-Methylnaphthalene	13.39	142	90120	1.61	ng/ul	96
5) 1-Methylnaphthalene	13.60	142	55933	1.01	ng/ul	99
9) Acenaphthene	15.56	153	288845	5.09	ng/ul	99
11) Fluorene	16.53	166	256123	4.01	ng/ul	99
13) Phenanthrene	18.25	178	2396809	26.37	ng/ul	100
15) Anthracene	18.34	178	626185	6.67	ng/ul	100
16) Fluoranthene	20.20	202	3250488	32.30	ng/ul	97
19) Pyrene	20.55	202	2420716	28.62	ng/ul	98
20) Benzo(a)anthracene	22.27	228	1384276	17.33	ng/ul	99
21) Chrysene	22.34	228	1414497	18.69	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	1794666	27.71	ng/ul	98
24) Benzo(k)fluoranthene	24.37	252	218442	3.51	ng/ul#	88
26) Benzo(a)pyrene	24.87	252	1112276	17.95	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.84	276	781230	11.00	ng/ul	94
28) Dibenzo(a,h)anthracene	27.85	278	231783	3.85	ng/ul#	86
29) Benzo(g,h,i)perylene	28.73	276	732817	12.23	ng/ul	97

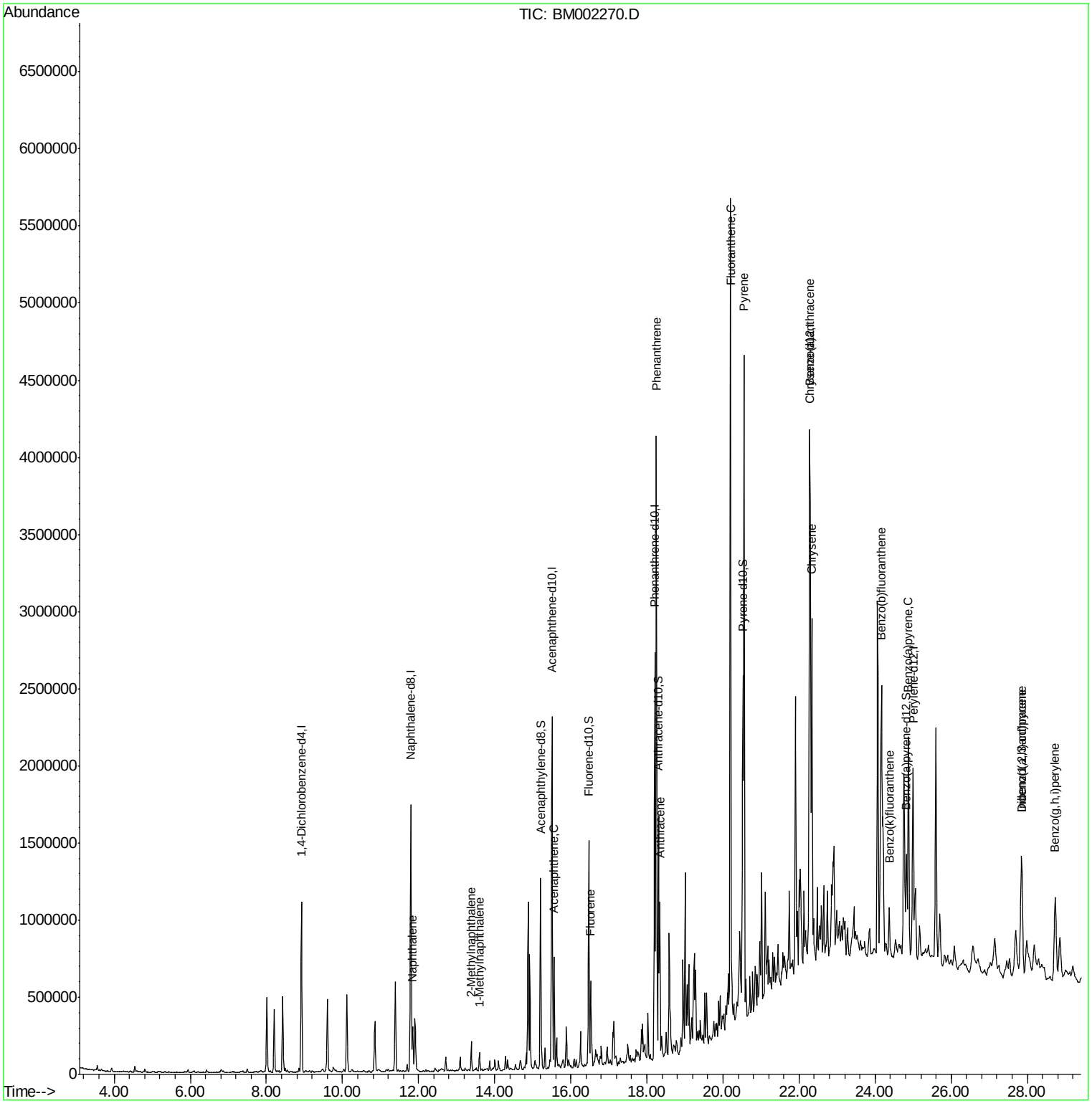
(#) = qualifier out of range (m) = manual integration (+) = signals summed

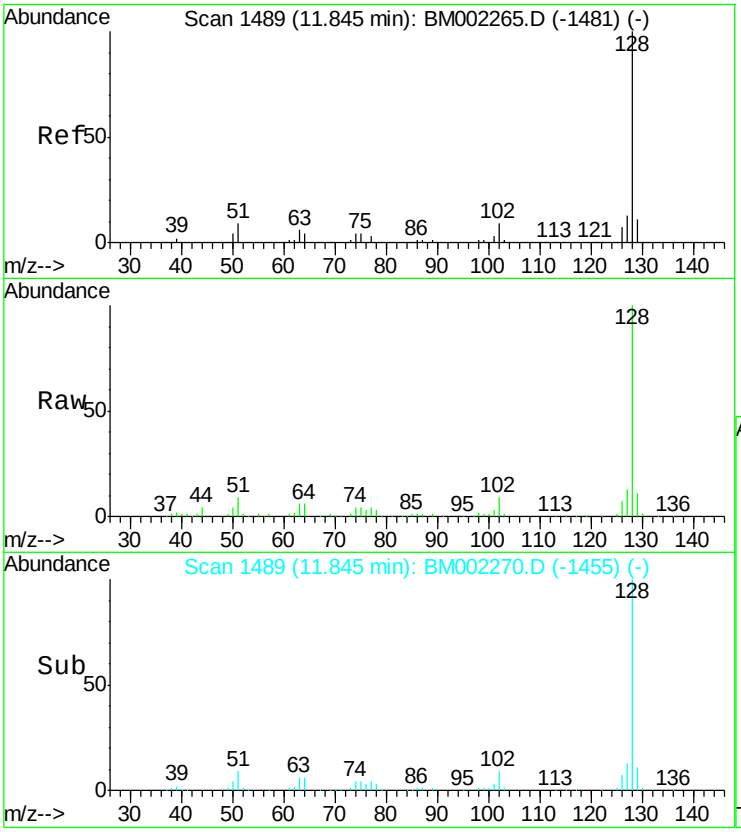
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002270.D
Acq On : 08 Aug 2015 10:58
Operator : TP/UM
Sample : G3126-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9D08

Quant Time: Aug 09 05:33:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration



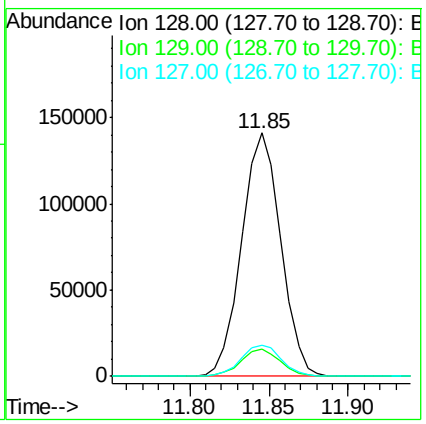


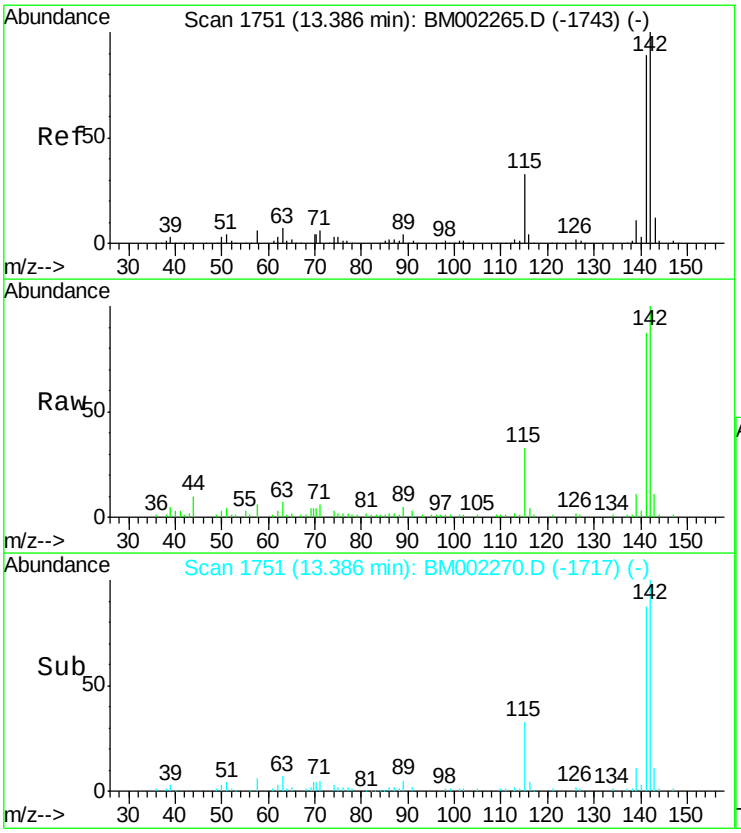
#3
Naphthalene
Concen: 3.09 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:128 Resp: 242423

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.9	10.4	15.6

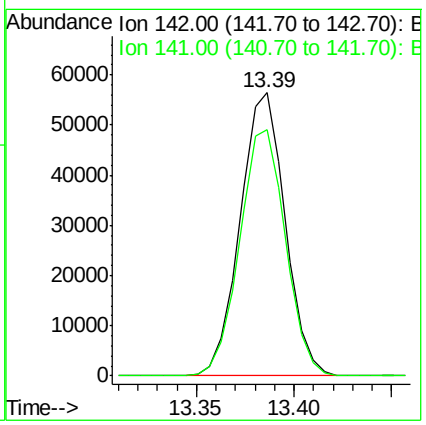


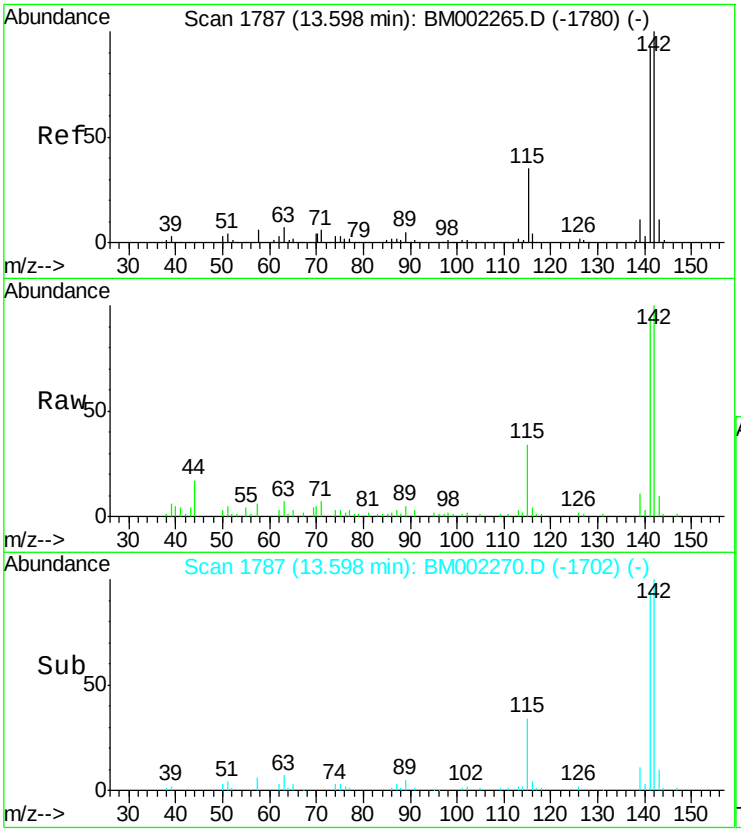


#4
2-Methylnaphthalene
Concen: 1.61 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:142 Resp: 90120

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.5	108.7



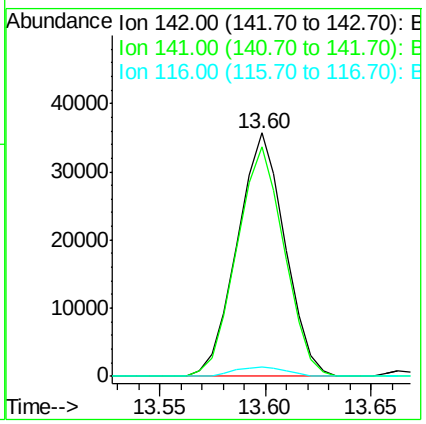


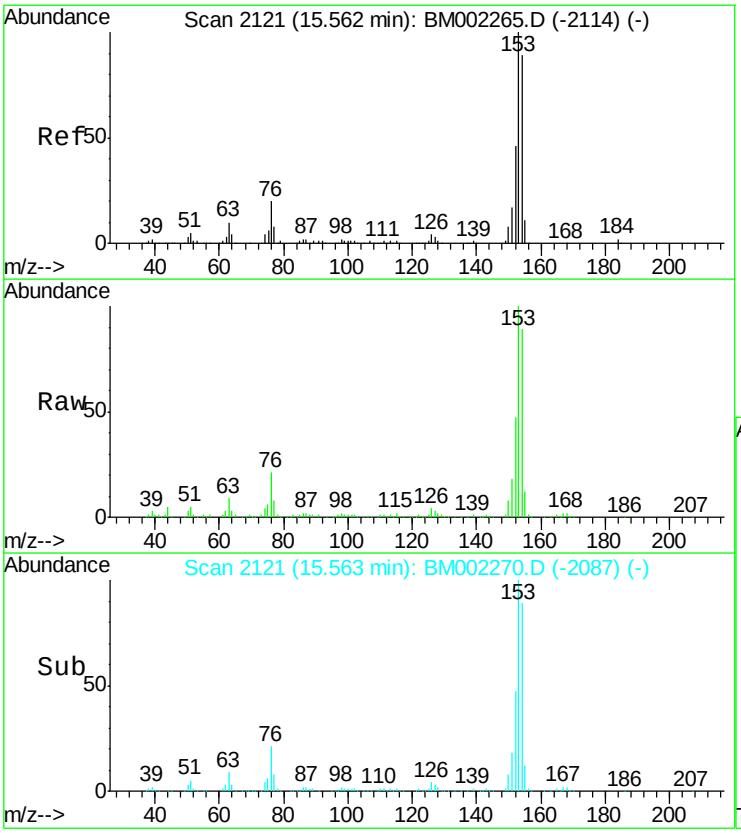
#5
1-Methylnaphthalene
Concen: 1.01 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:142 Resp: 55933

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.5	111.7
116	3.9	3.0	4.4

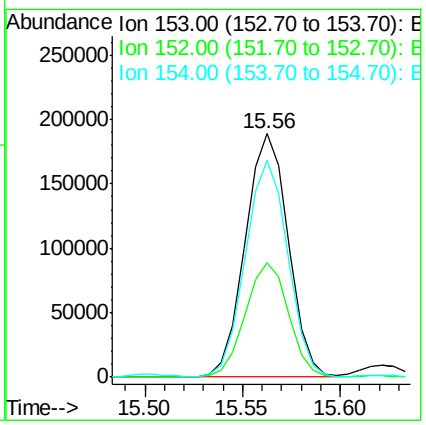


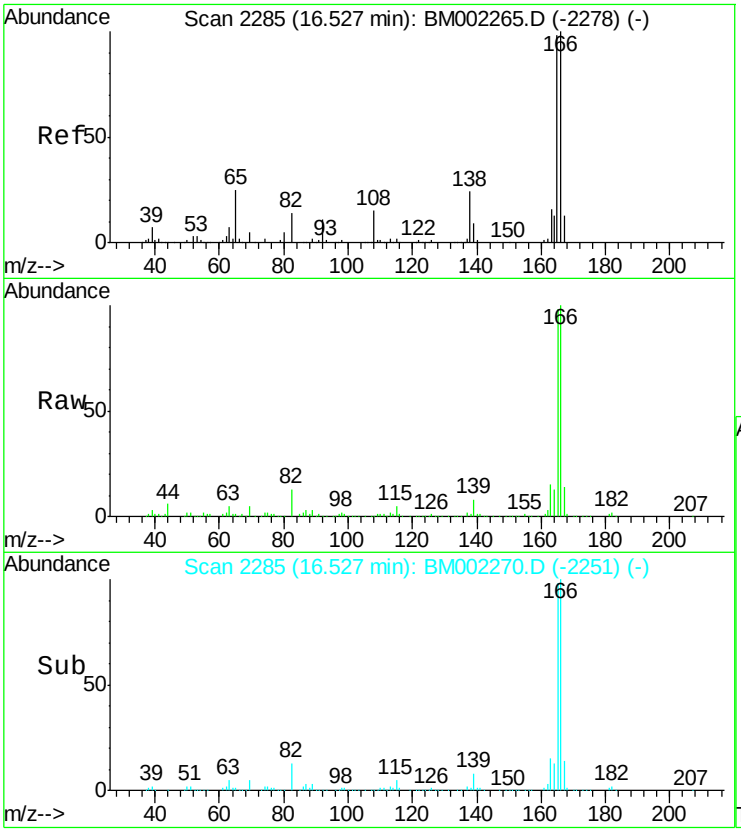


#9
Acenaphthene
Concen: 5.09 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:153 Resp: 288845

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.6	55.0
154	88.9	71.5	107.3



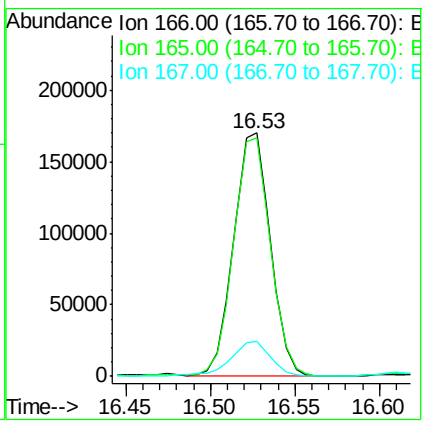


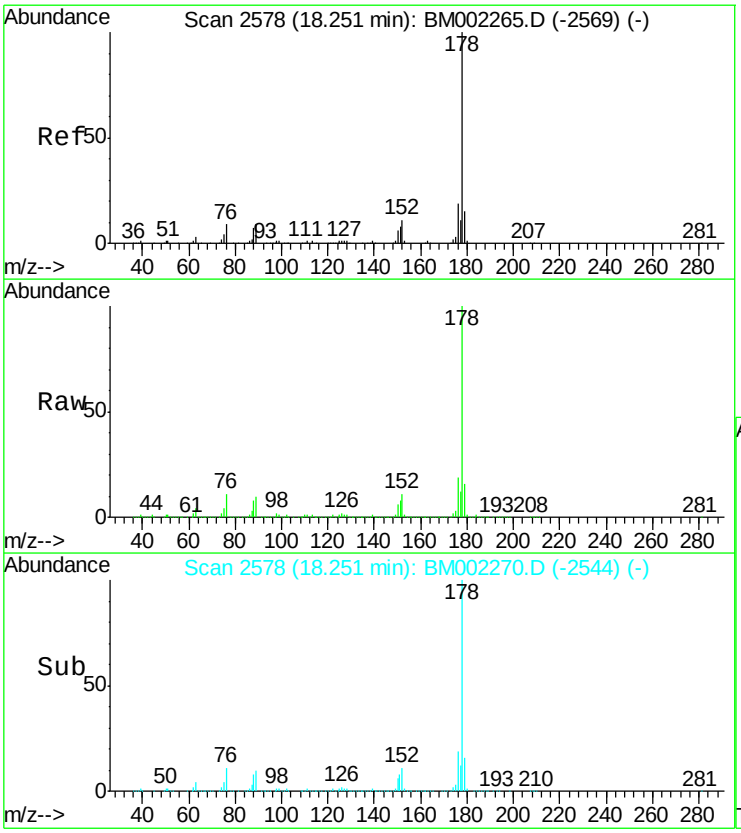
#11
Fluorene
Concen: 4.01 ng/ul
RT: 16.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:166 Resp: 256123

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.5	116.3
167	14.5	10.4	15.6

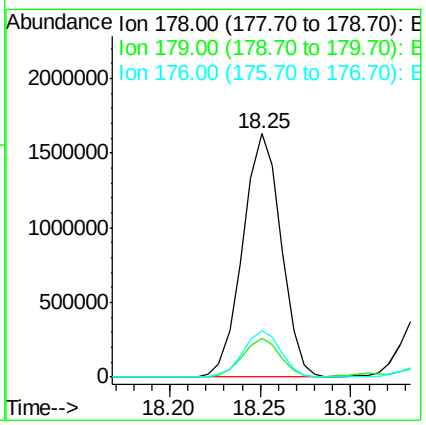


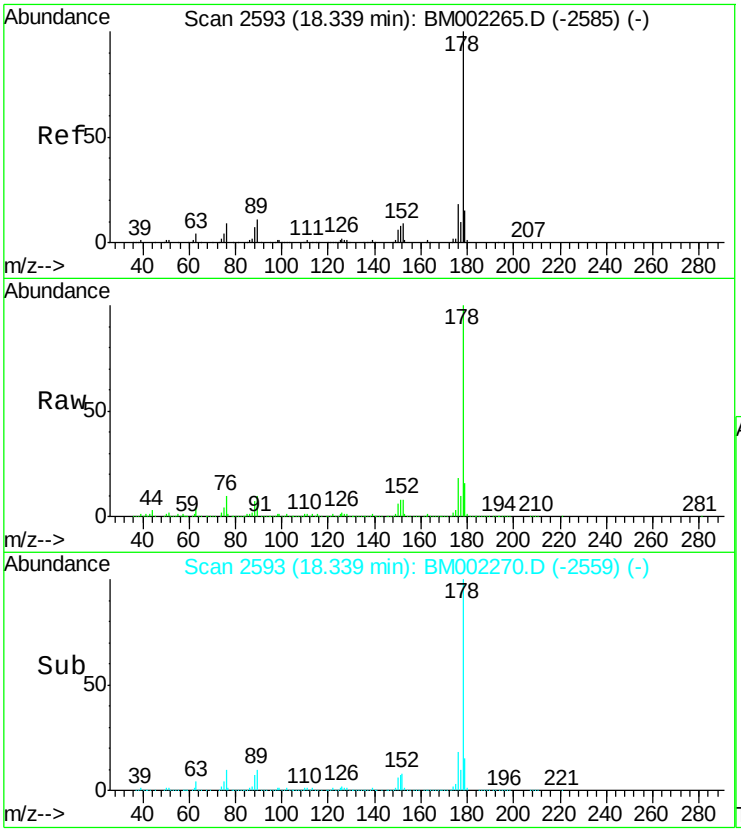


#13
Phenanthrene
Concen: 26.37 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:178 Resp: 2396809

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.2	15.3	22.9



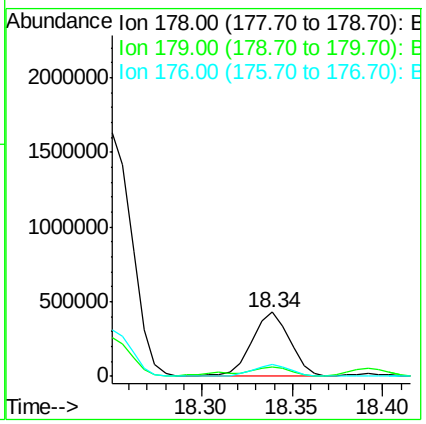


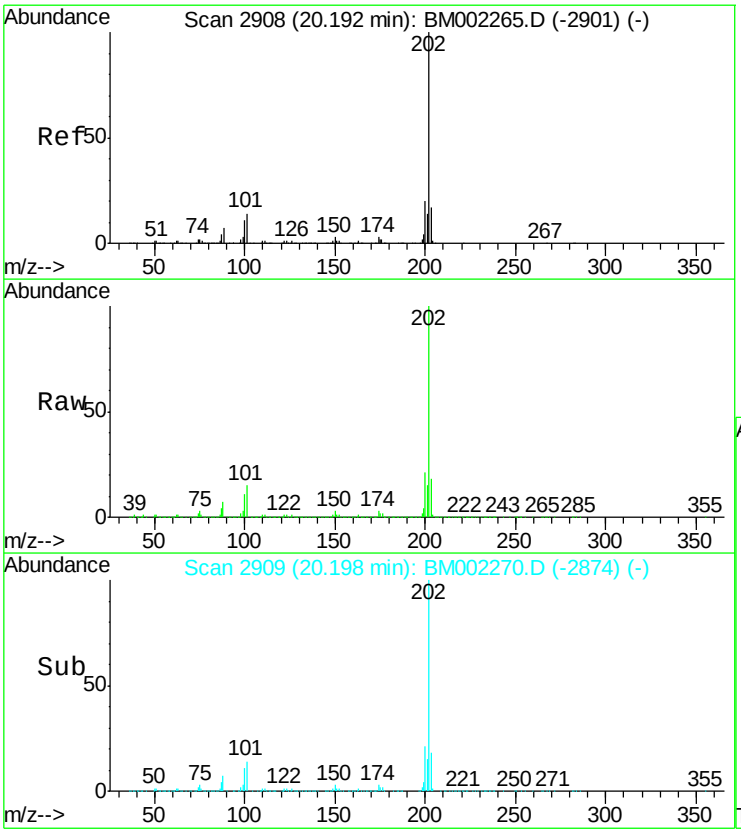
#15
Anthracene
Concen: 6.67 ng/ul
RT: 18.34 min Scan# 2593
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:178 Resp: 626185

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.2	14.5	21.7

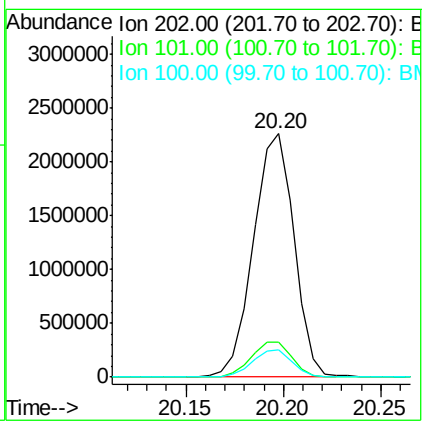


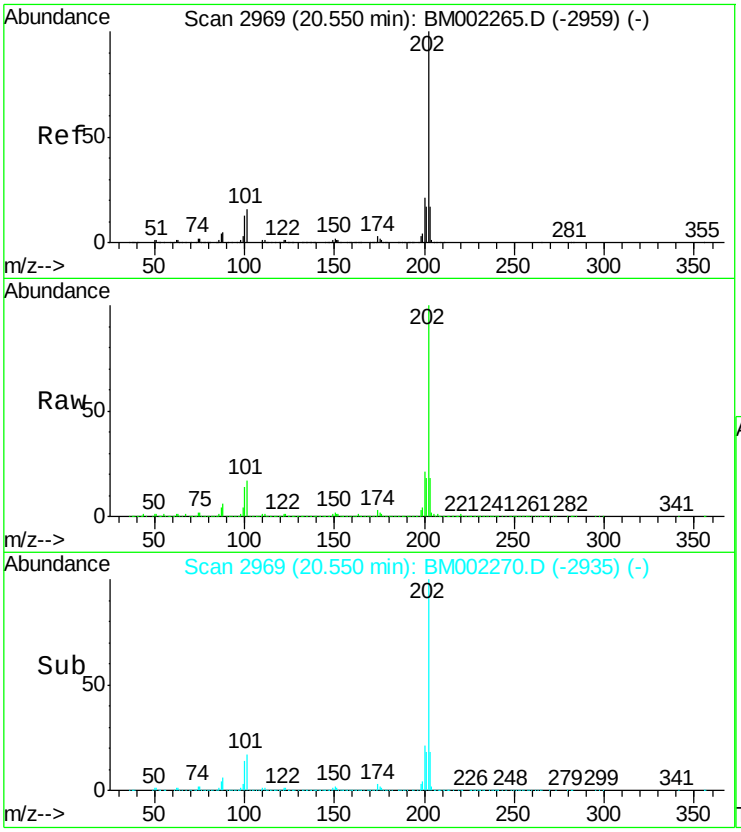


#16
Fluoranthene
Concen: 32.30 ng/ul
RT: 20.20 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:202 Resp: 3250488

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.6	15.8
100	11.2	8.2	12.4



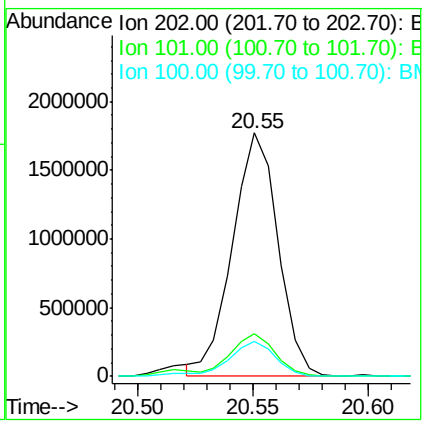


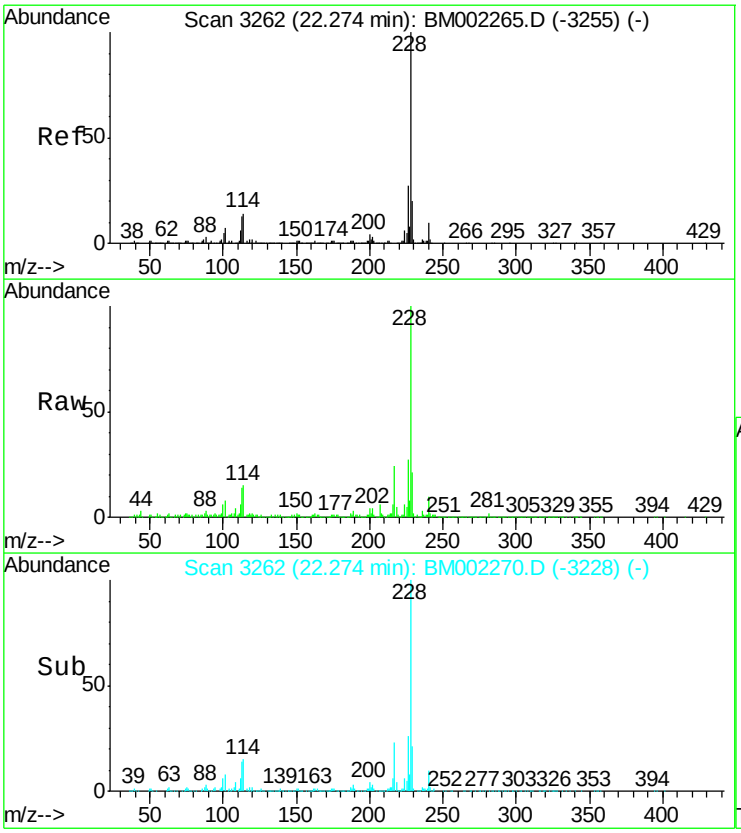
#19
Pyrene
Concen: 28.62 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:202 Resp: 2420716

Ion	Ratio	Lower	Upper
202	100		
101	17.4	13.0	19.6
100	14.2	11.0	16.4

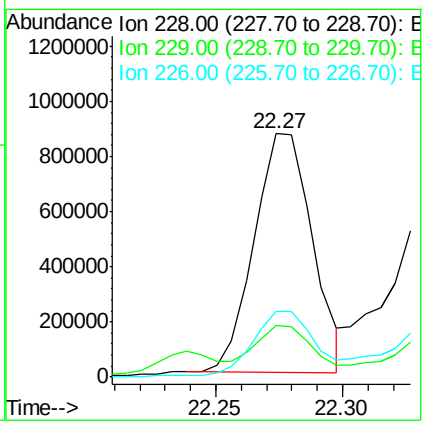


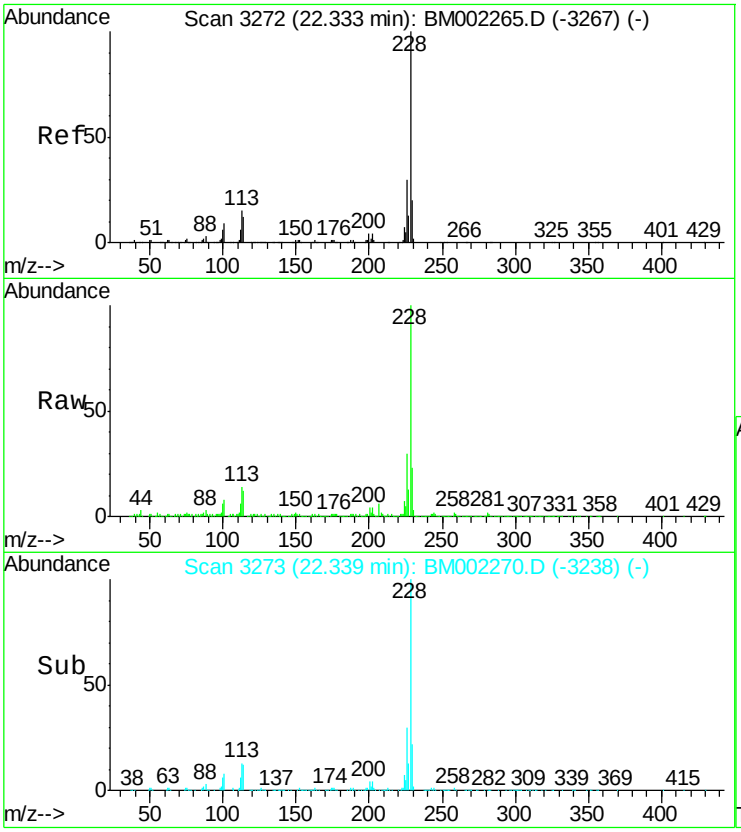


#20
Benzo(a)anthracene
Concen: 17.33 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:228 Resp: 1384276

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	26.7	21.4	32.0



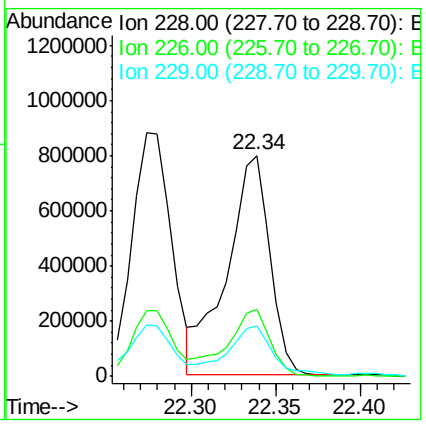


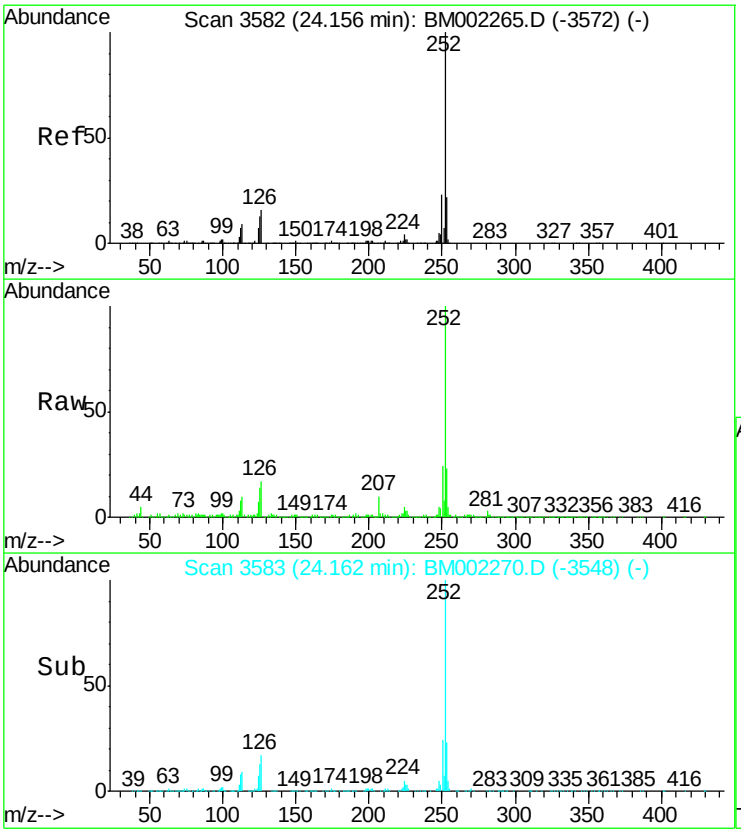
#21
Chrysene
Concen: 18.69 ng/ul
RT: 22.34 min Scan# 3273
Delta R.T. 0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:228 Resp: 1414497

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.9	15.5	23.3

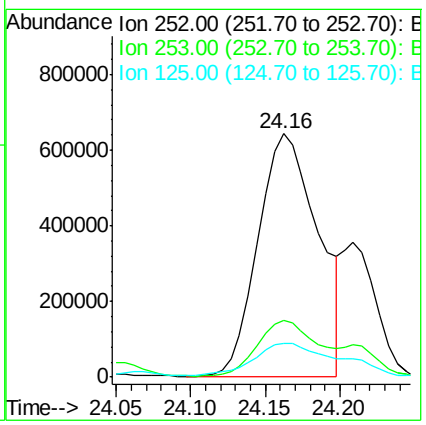


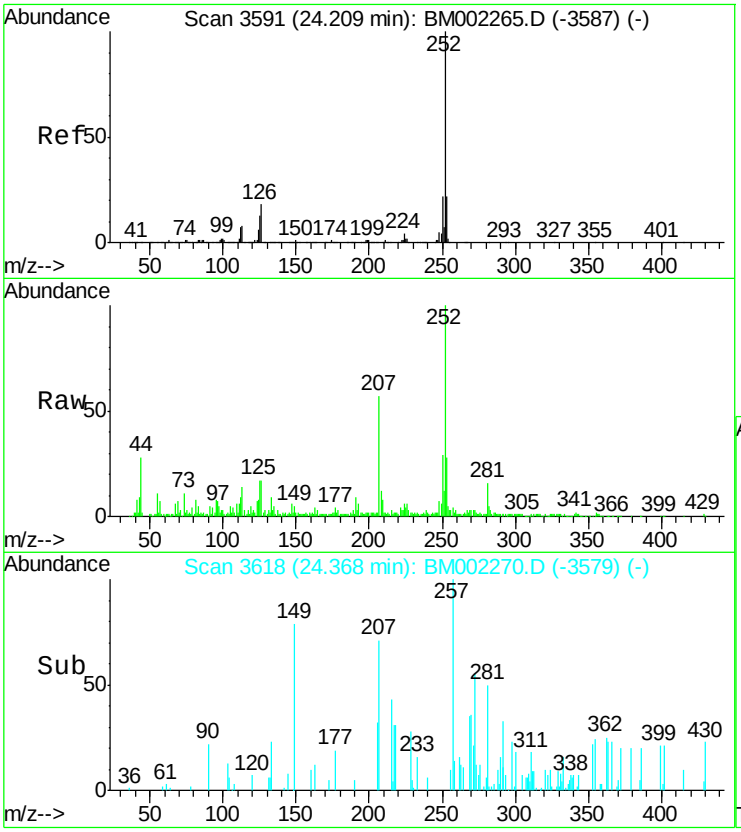


#23
Benzo(b)fluoranthene
Concen: 27.71 ng/ul
RT: 24.16 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:252 Resp: 1794666

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.8	10.3	15.5



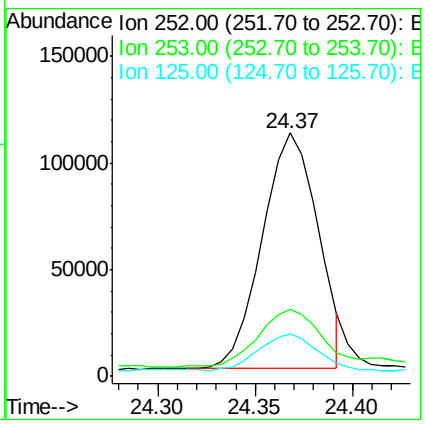


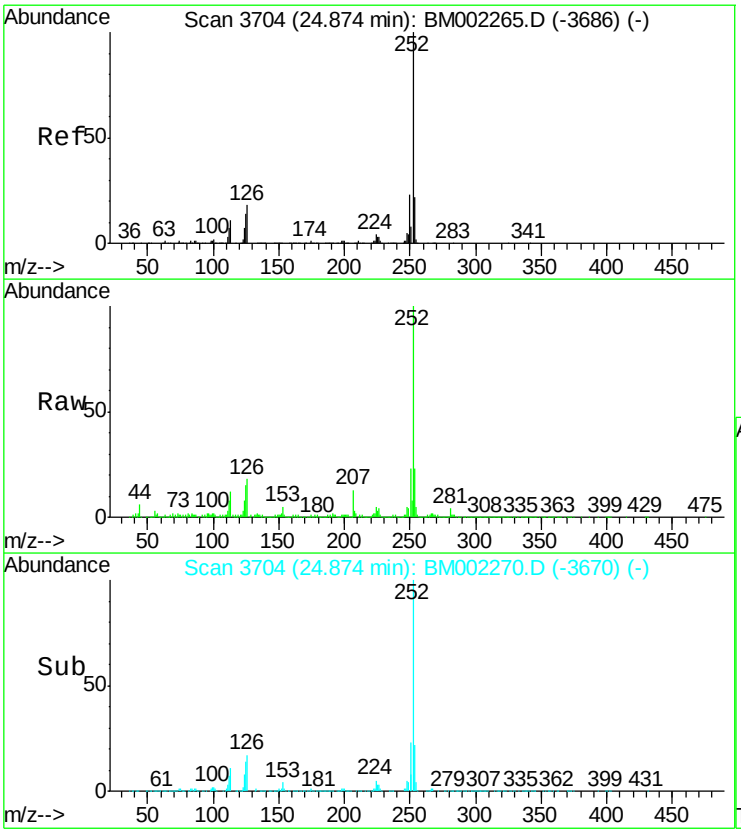
#24
Benzo(k)fluoranthene
Concen: 3.51 ng/ul
RT: 24.37 min Scan# 3618
Delta R.T. 0.16 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:252 Resp: 218442

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.3	25.9#
125	17.4	10.2	15.4#

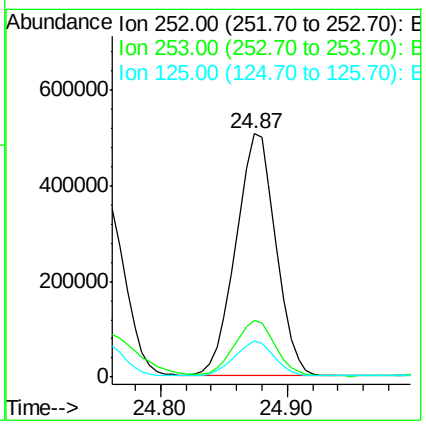


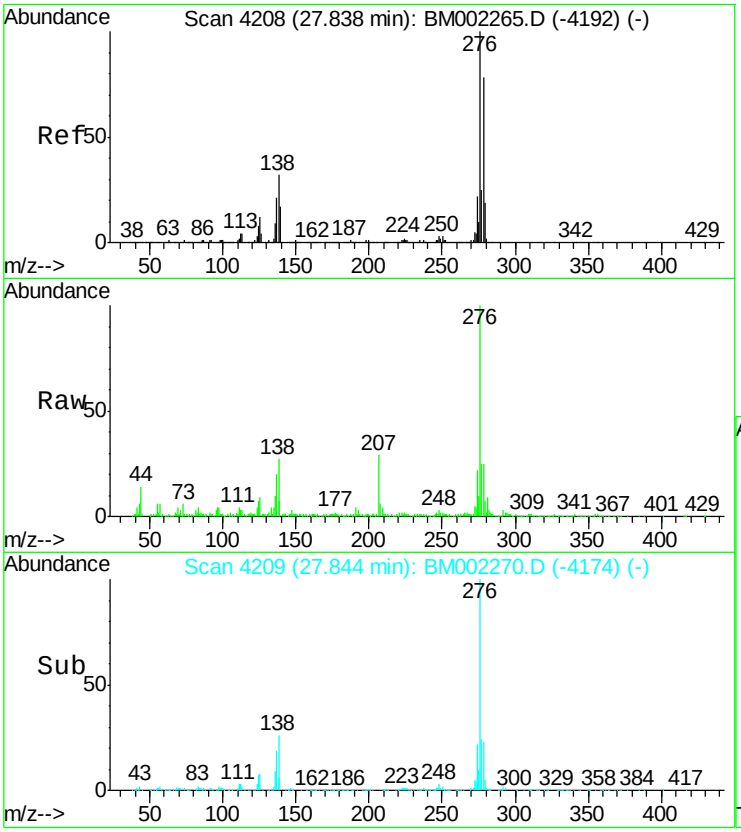


#26
Benzo(a)pyrene
Concen: 17.95 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:252 Resp: 1112276

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	15.0	11.0	16.6



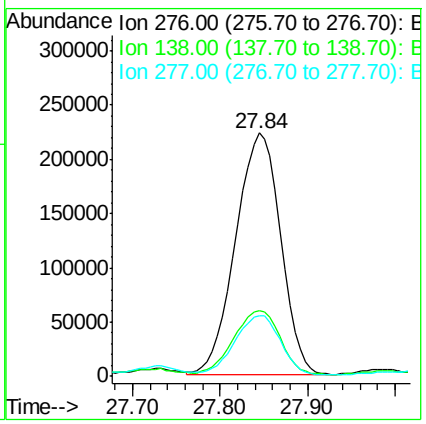


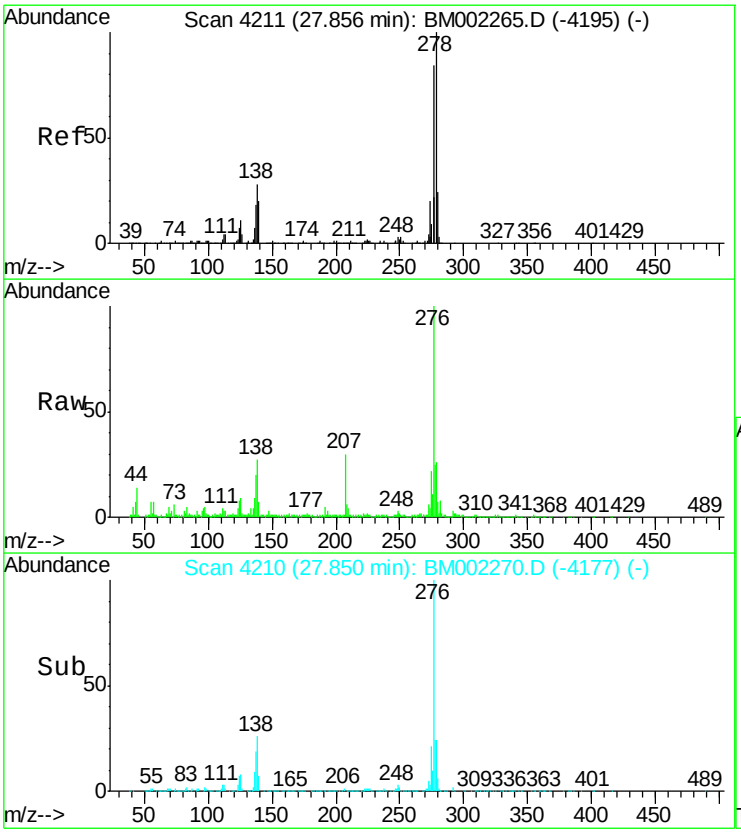
#27
Indeno(1,2,3-cd)pyrene
Concen: 11.00 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:276 Resp: 781230

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.0	21.0	31.4

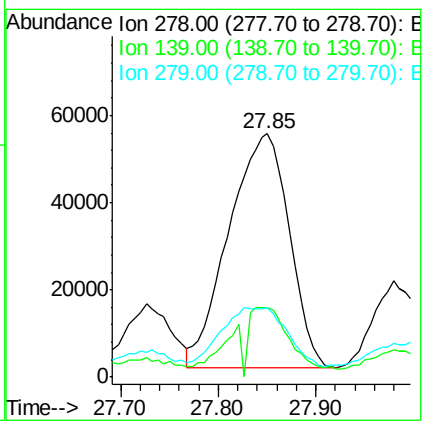


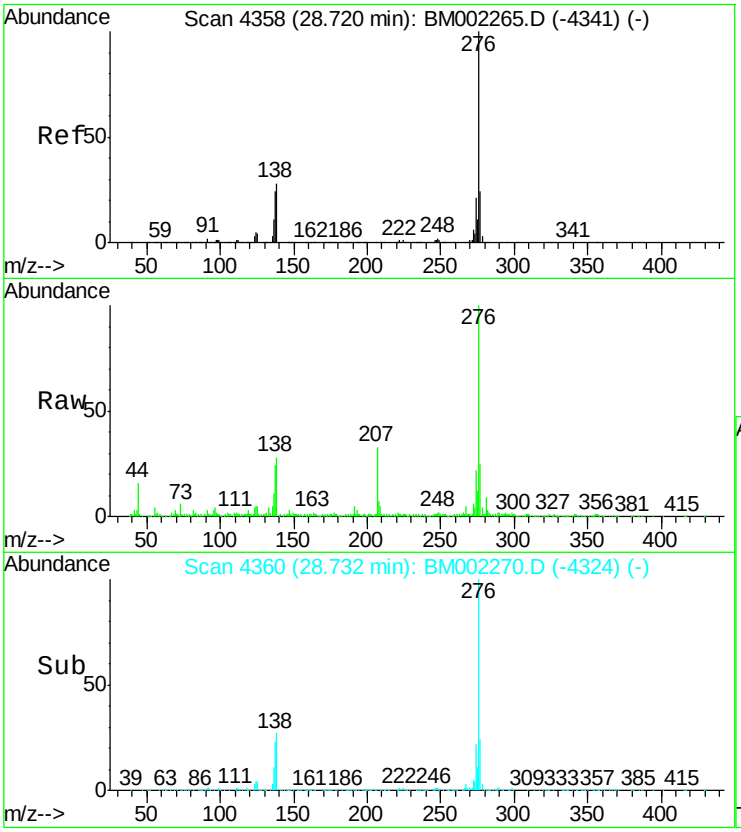


#28
Dibenzo(a,h)anthracene
Concen: 3.85 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Tgt Ion:278 Resp: 231783

Ion	Ratio	Lower	Upper
278	100		
139	28.5	16.4	24.6#
279	28.6	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 12.23 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BM002270.D
Acq: 08 Aug 2015 10:58

Instrument :
BNA_M
ClientSampleId :
D9D08

Tgt Ion:276 Resp: 732817

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.5	30.7
277	24.6	19.0	28.6