Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002436.D
Acq On : 15 Aug 2015 22:04
Operator : UM/IZ
Sample : G3219-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9D96

Quant Time: Aug 17 05:18:39 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	182056	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	819838	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	416638	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	753500	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	502029	20.00	ng/ul	0.01
22) Perylene-d12	24.91	264	514064	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	980823	23.03	ng/ul	0.00
10) Fluorene-d10	16.43	176	627725	20.98	ng/ul	0.00
14) Anthracene-d10	18.26	188	795788	21.89	ng/ul	0.00
18) Pyrene-d10	20.47	212	610865	27.45	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	513098	19.00	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.79	128	116684	2.79	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	100280	3.20	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	82268	2.65	ng/ul	98
8) Acenaphthylene	15.19	152	80476	1.80	ng/ul	97
13) Phenanthrene	18.20	178	523327	12.03	ng/ul	100
15) Anthracene	18.29	178	198348	4.50	ng/ul	98
16) Fluoranthene	20.15	202	1574655	31.97	ng/ul	99
19) Pyrene	20.50	202	1519633	51.67	ng/ul	100
20) Benzo(a)anthracene	22.22	228	1318414	43.92	ng/ul	98
21) Chrysene	22.29	228	1276382	45.46	ng/ul	96
23) Benzo(b)fluoranthene	24.10	252	1988040	63.97	ng/ul	98
24) Benzo(k)fluoranthene	24.10	252	463452	15.74	ng/ul	98
26) Benzo(a)pyrene	24.80	252	1402647	47.25	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.76	276	961698	28.17	ng/ul	95
28) Dibenzo(a,h)anthracene	27.74	278	293242	10.28	ng/ul#	85
29) Benzo(g,h,i)perylene	28.64	276	792002	27.87	ng/ul	98

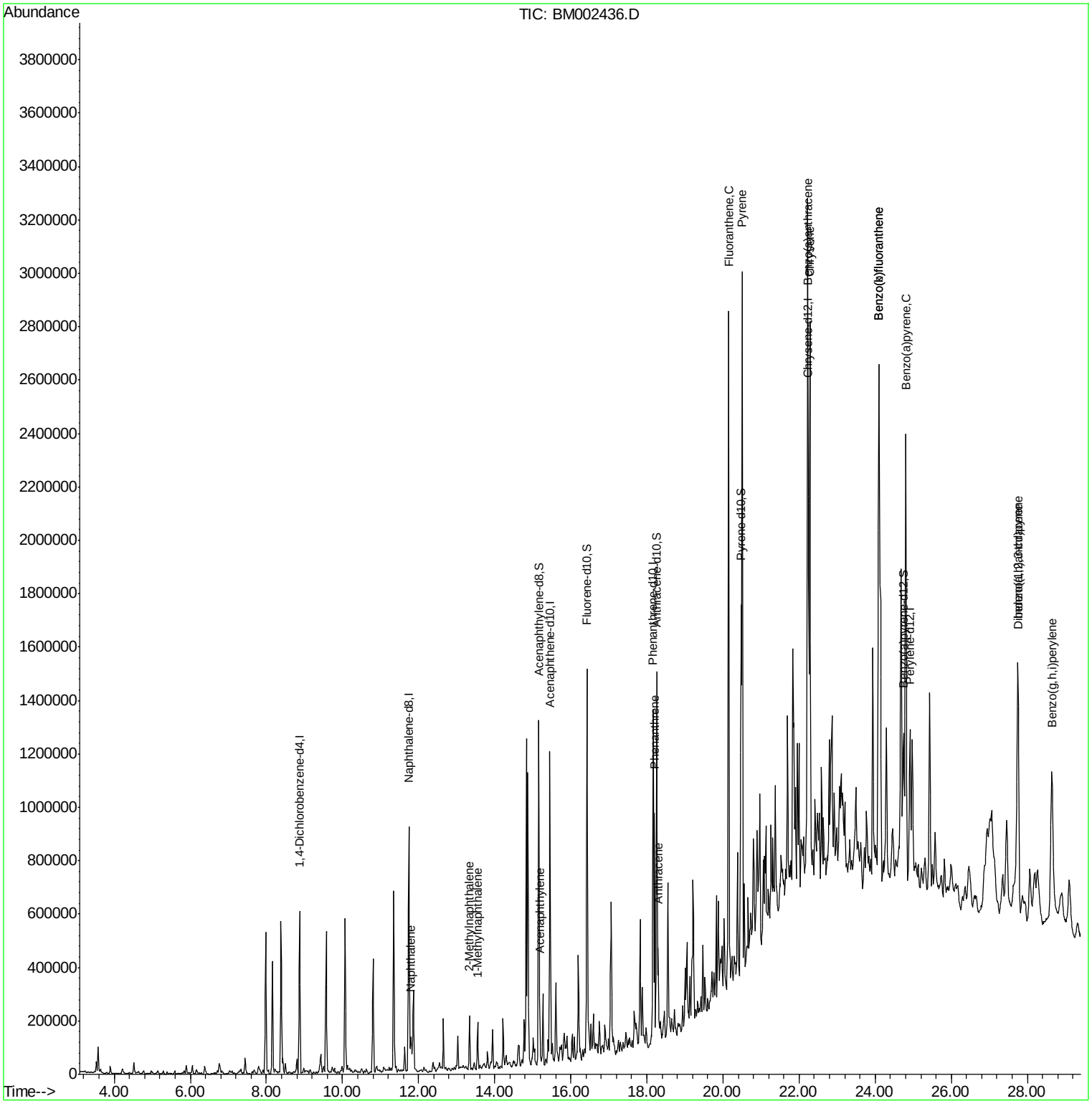
(#) = qualifier out of range (m) = manual integration (+) = signals summed

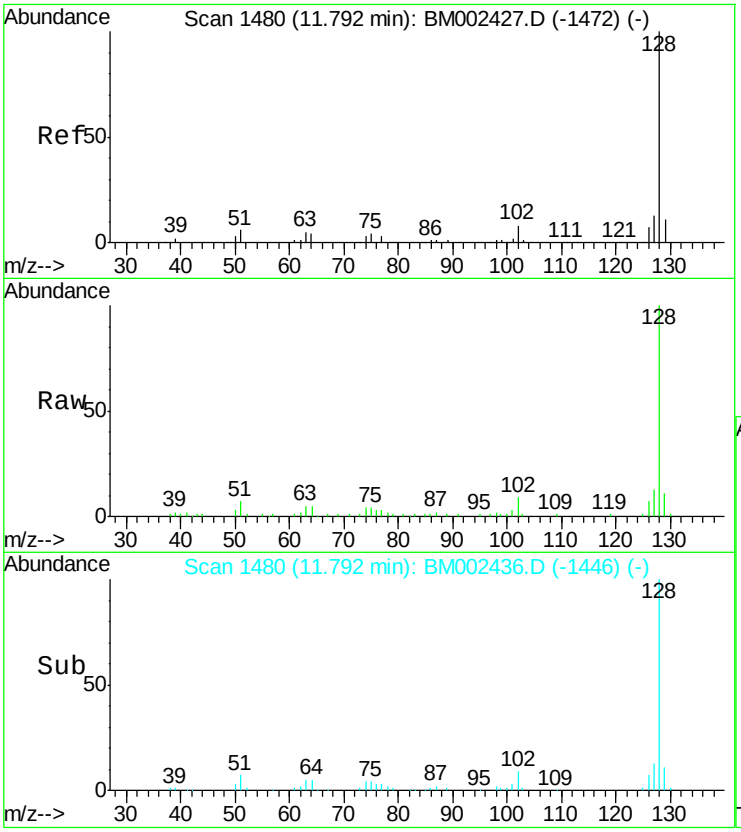
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002436.D
Acq On : 15 Aug 2015 22:04
Operator : UM/IZ
Sample : G3219-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9D96

Quant Time: Aug 17 05:18:39 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration



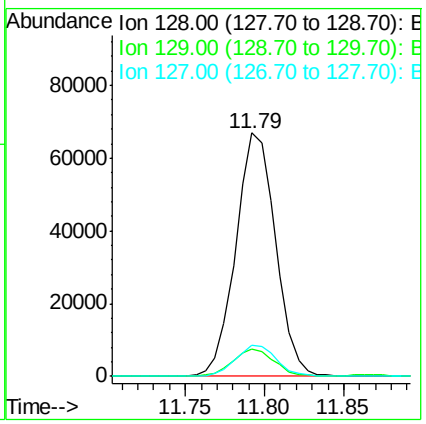


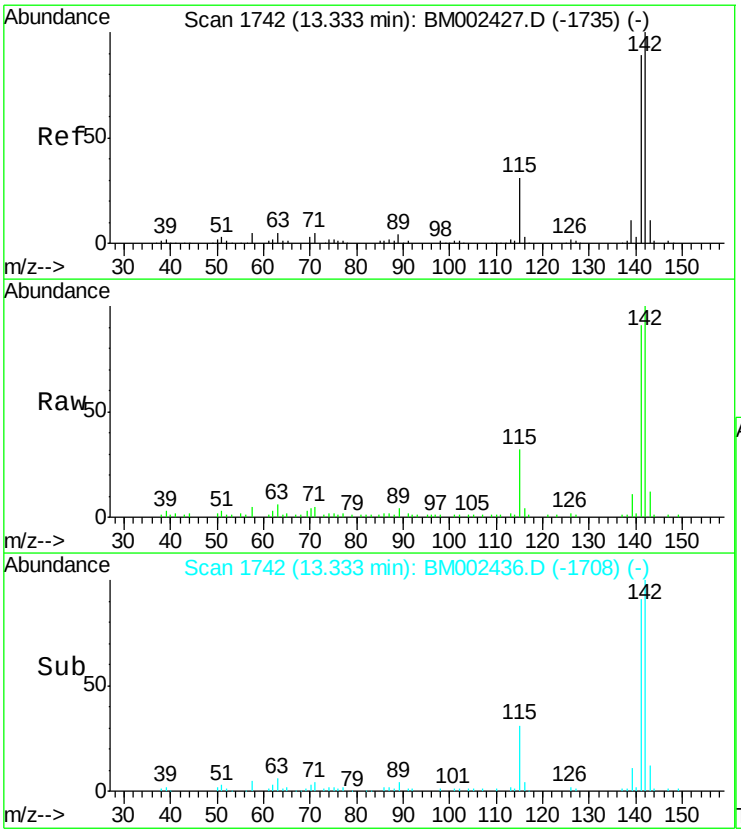
#3
Naphthalene
Concen: 2.79 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:128 Resp: 116684

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.0	10.4	15.6

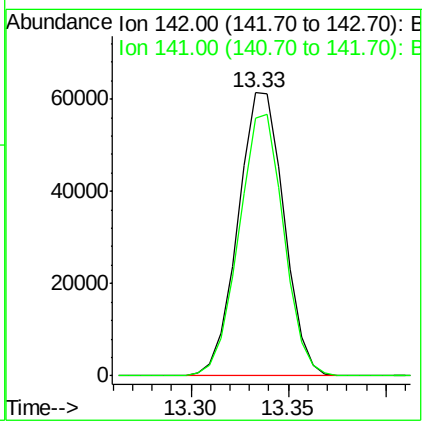


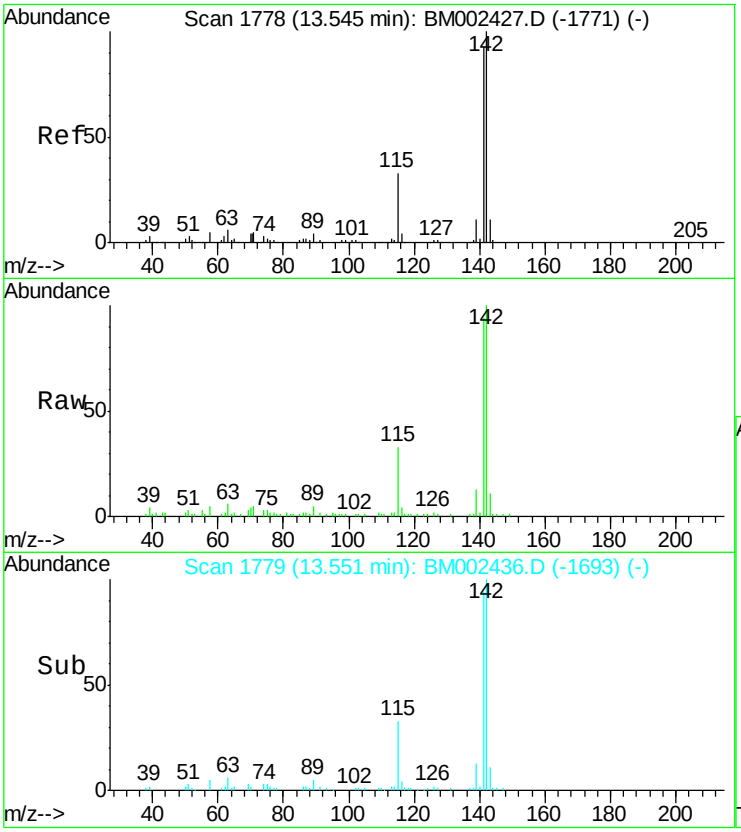


#4
2-Methylnaphthalene
Concen: 3.20 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:142 Resp: 100280

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2



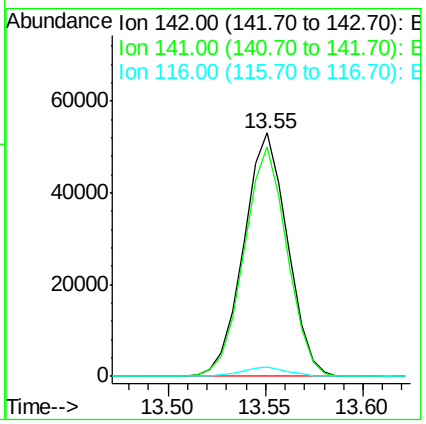


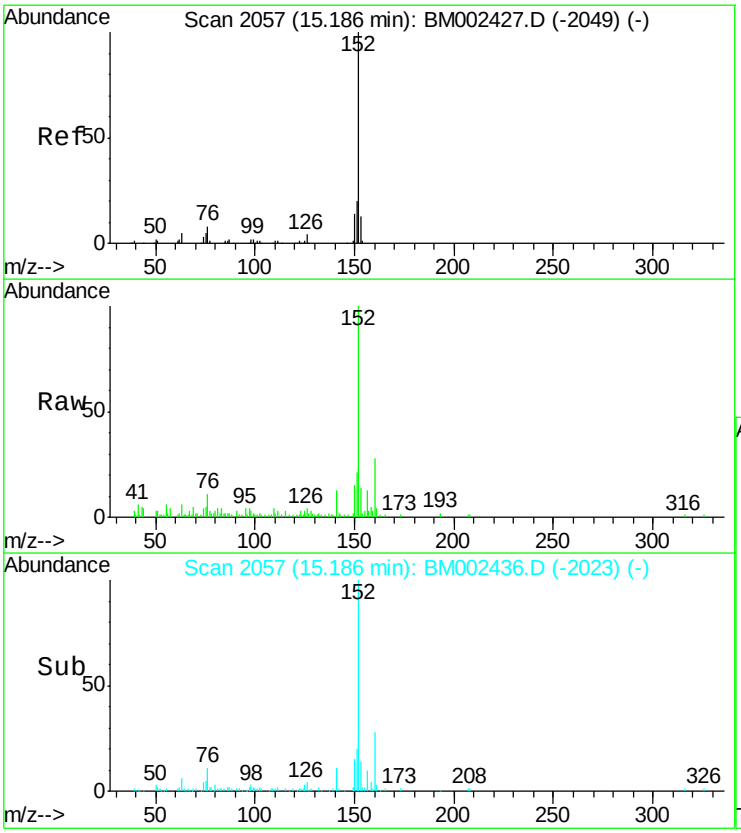
#5
1-Methylnaphthalene
Concen: 2.65 ng/ul
RT: 13.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:142 Resp: 82268

Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.9	110.9
116	3.8	3.0	4.4

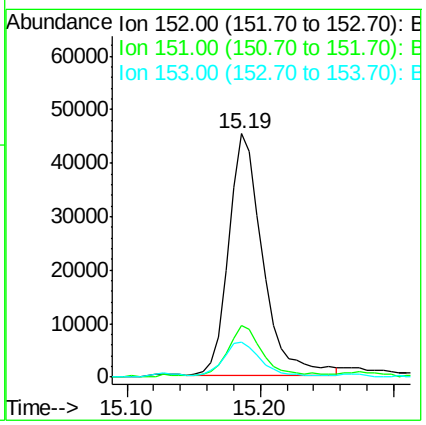


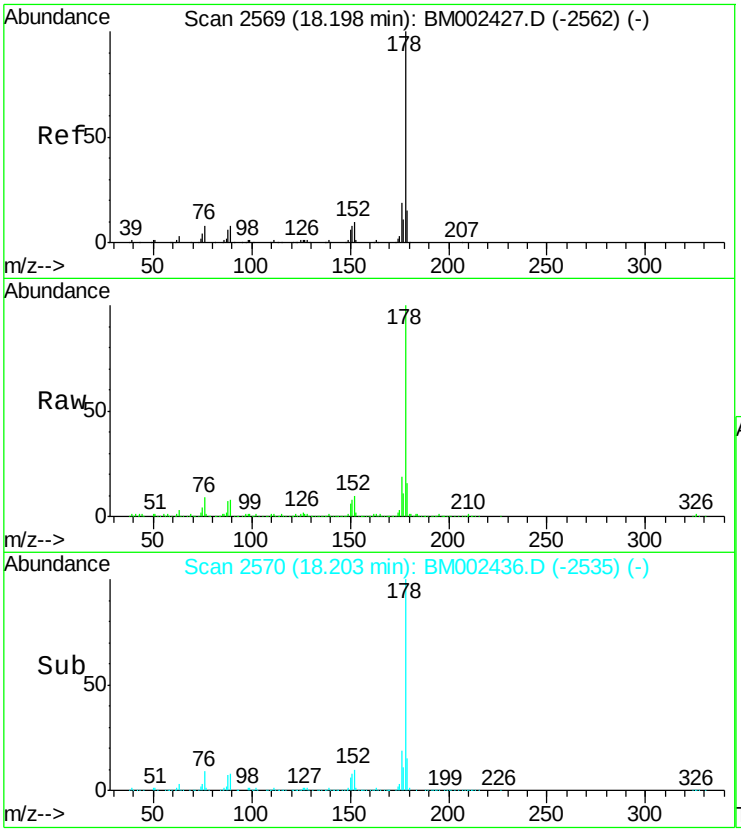


#8
Acenaphthylene
Concen: 1.80 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:152 Resp: 80476

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.7	23.5
153	14.3	10.2	15.4



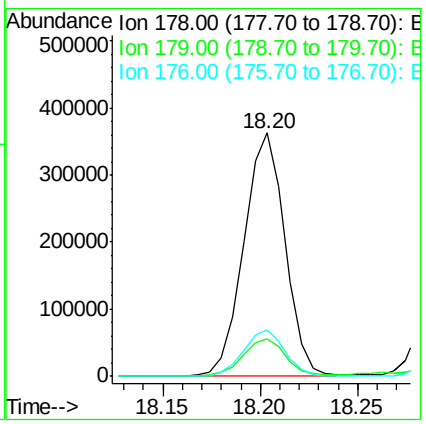


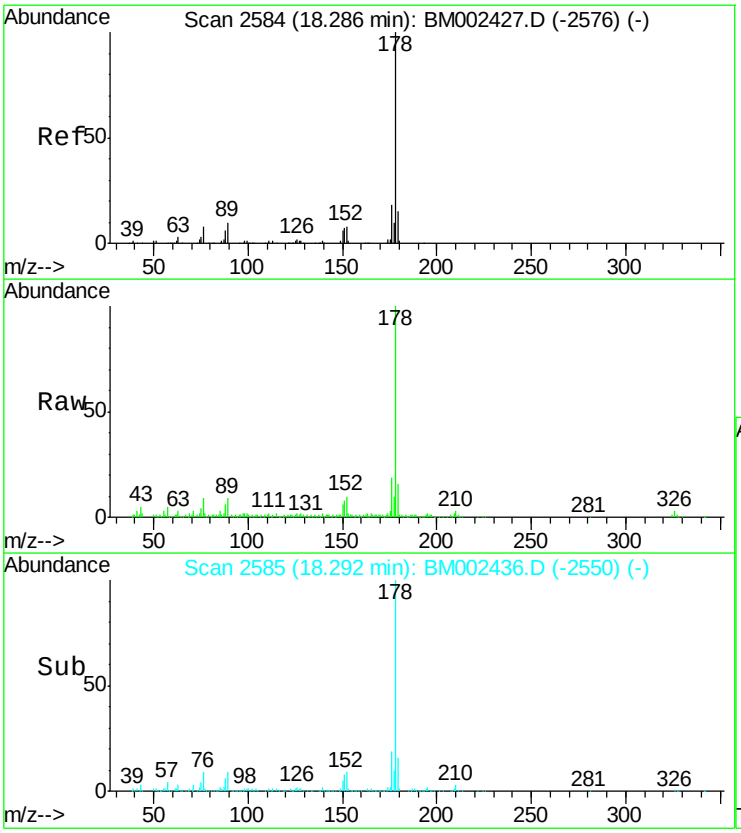
#13
Phenanthrene
Concen: 12.03 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:178 Resp: 523327

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.1	22.7

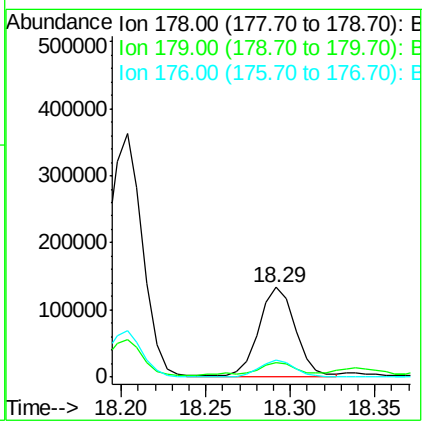


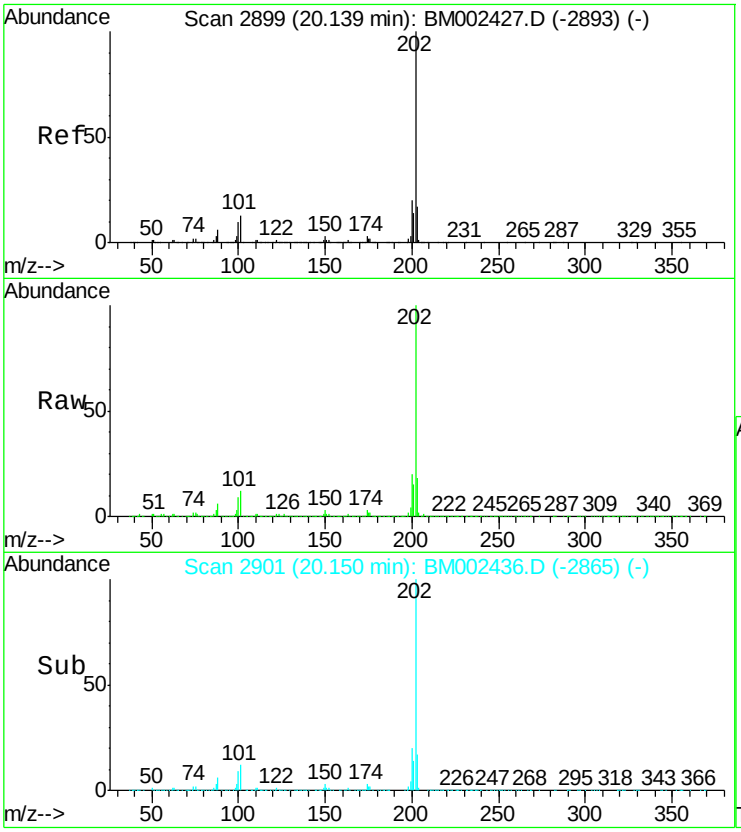


#15
Anthracene
Concen: 4.50 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:178 Resp: 198348

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	18.8
176	18.8	14.5	21.7



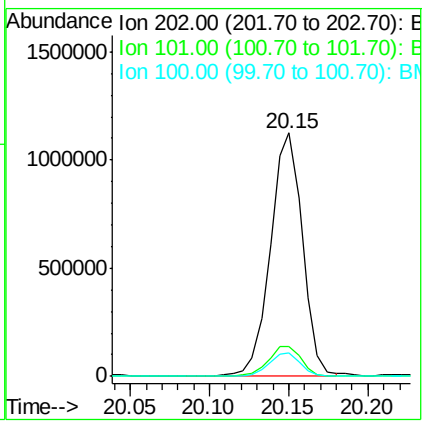


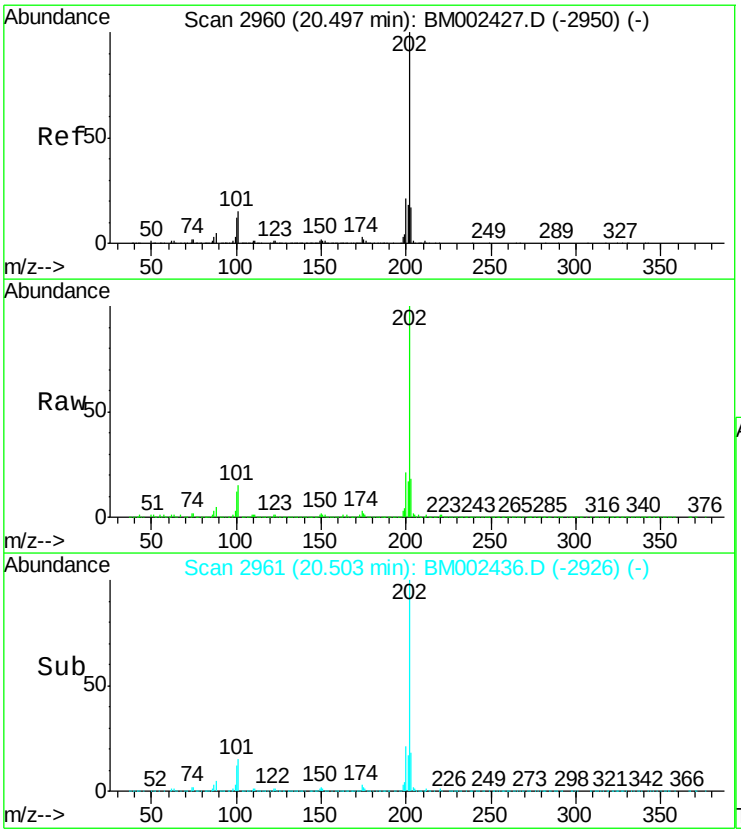
#16
Fluoranthene
Concen: 31.97 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:202 Resp: 1574655

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.4	7.4	11.2

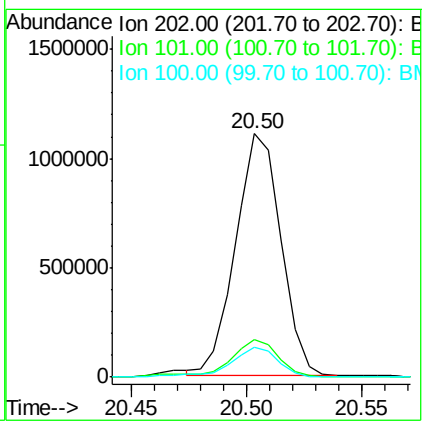


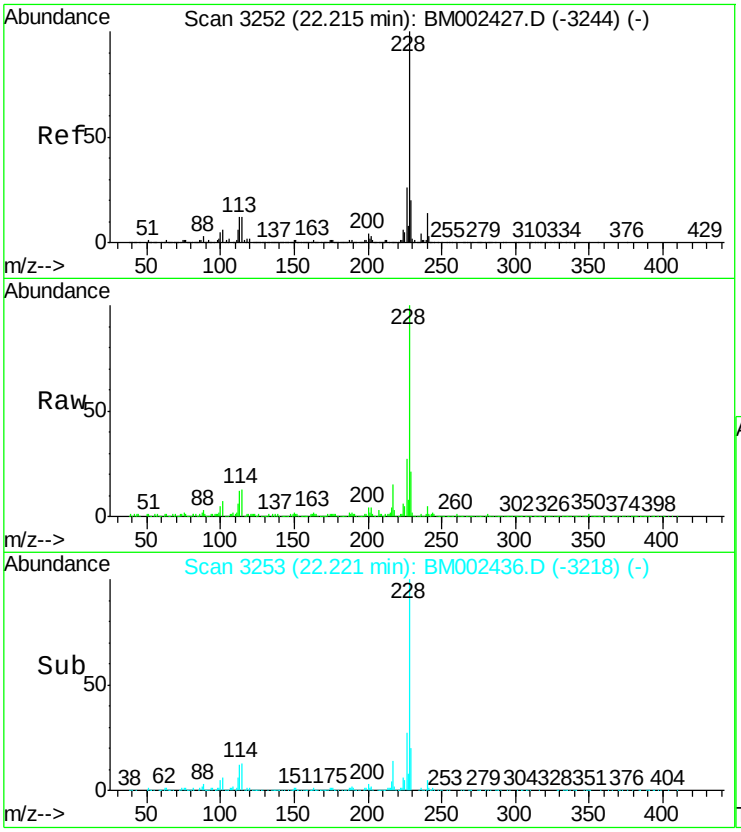


#19
Pyrene
Concen: 51.67 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:202 Resp: 1519633

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.0	18.0
100	12.3	9.7	14.5



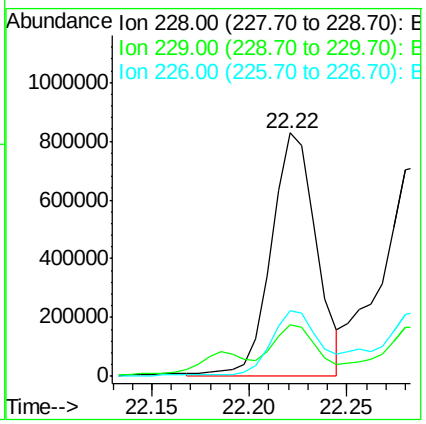


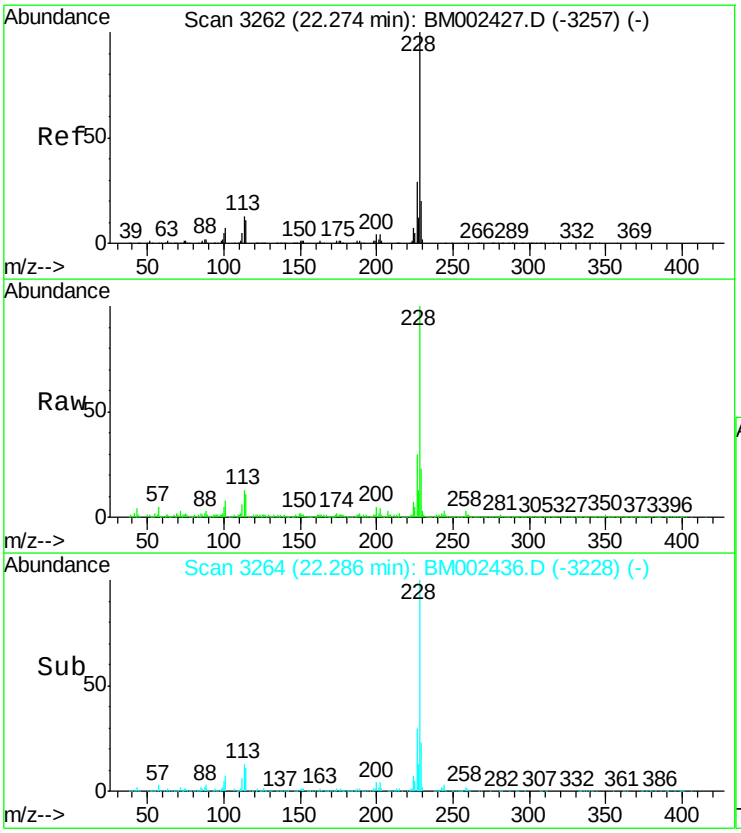
#20
Benzo(a)anthracene
Concen: 43.92 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:228 Resp: 1318414

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.1	21.1	31.7

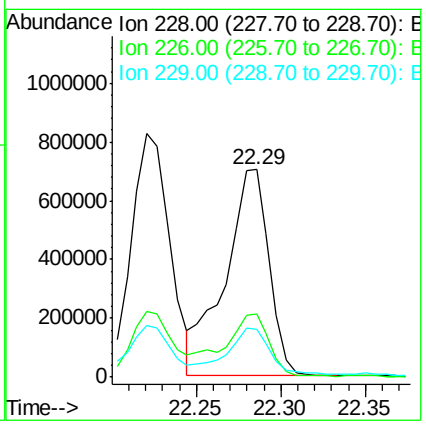


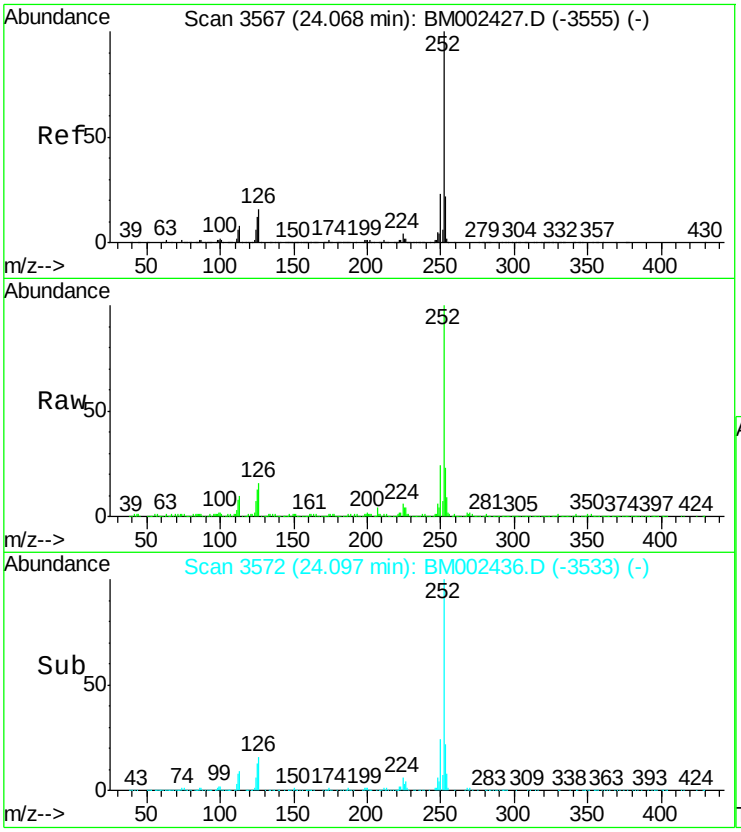


#21
Chrysene
Concen: 45.46 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:228 Resp: 1276382

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	23.2	15.7	23.5



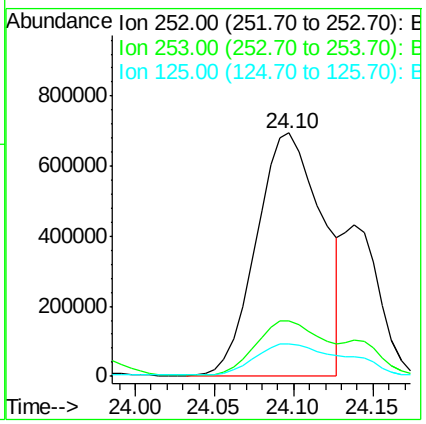


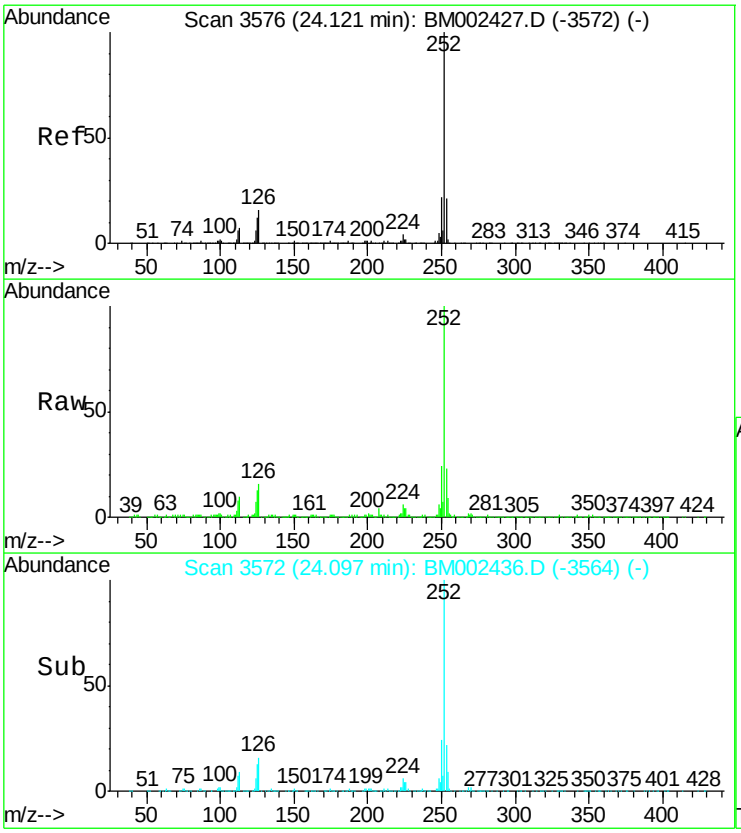
#23
Benzo(b)fluoranthene
Concen: 63.97 ng/ul
RT: 24.10 min Scan# 3572
Delta R.T. 0.03 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:252 Resp: 1988040

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	13.4	10.0	15.0

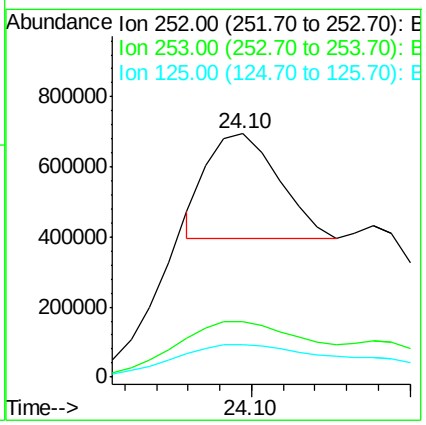


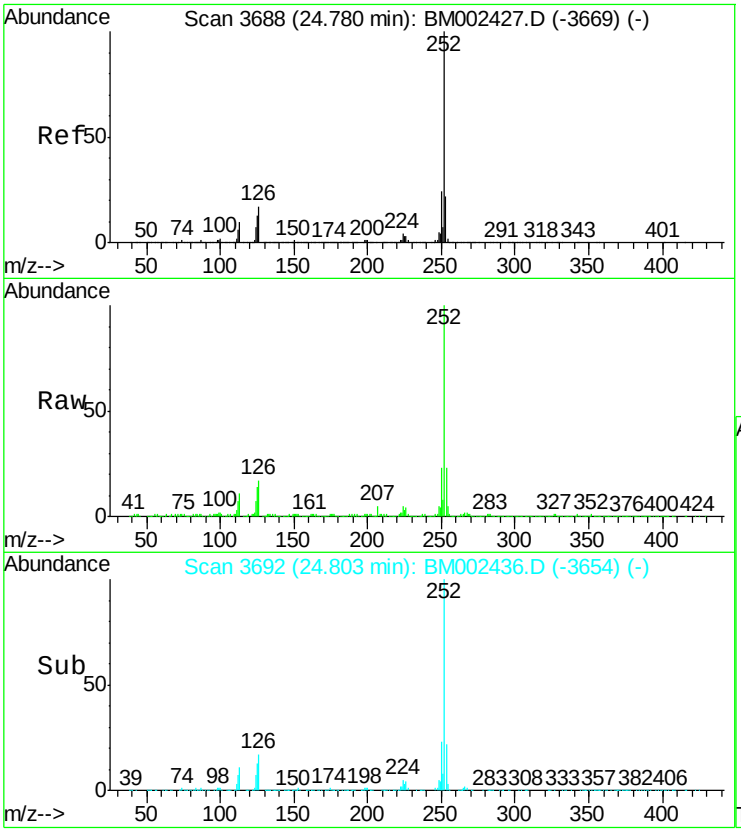


#24
Benzo(k)fluoranthene
Concen: 15.74 ng/ul
RT: 24.10 min Scan# 3572
Delta R.T. -0.02 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:252 Resp: 463452

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.4	9.8	14.8



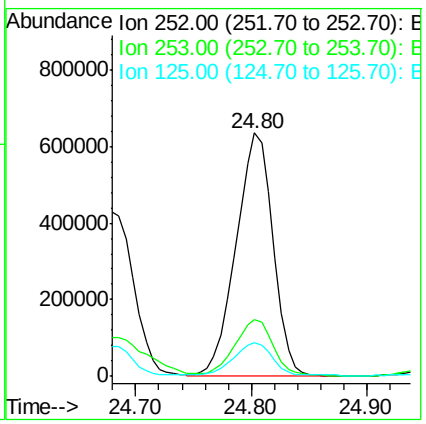


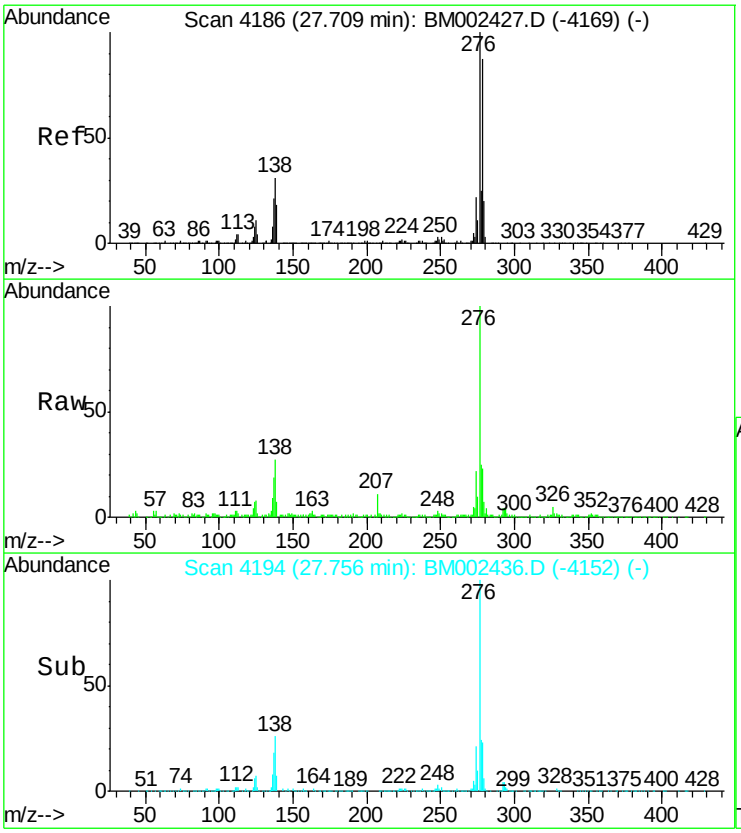
#26
Benzo(a)pyrene
Concen: 47.25 ng/ul
RT: 24.80 min Scan# 3692
Delta R.T. 0.02 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:252 Resp: 1402647

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.9	10.7	16.1

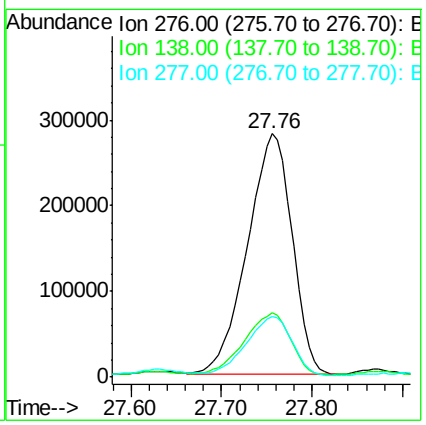


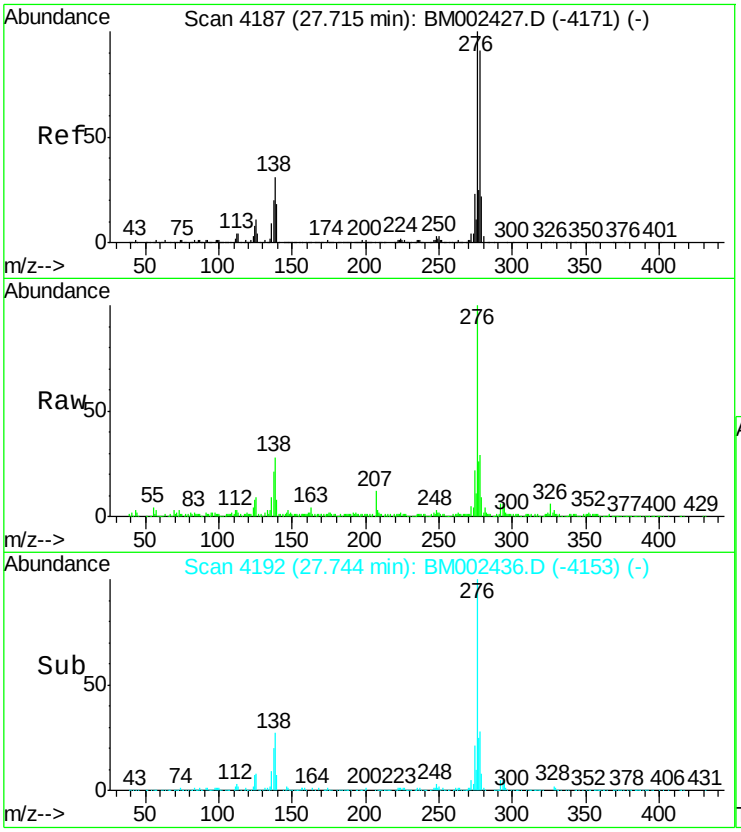


#27
Indeno(1,2,3-cd)pyrene
Concen: 28.17 ng/ul
RT: 27.76 min Scan# 4194
Delta R.T. 0.05 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:276 Resp: 961698

Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.3	37.9
277	25.0	20.2	30.2



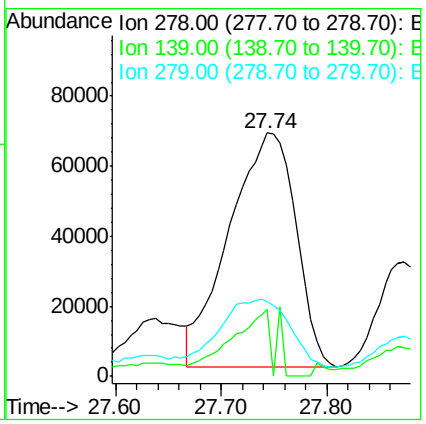


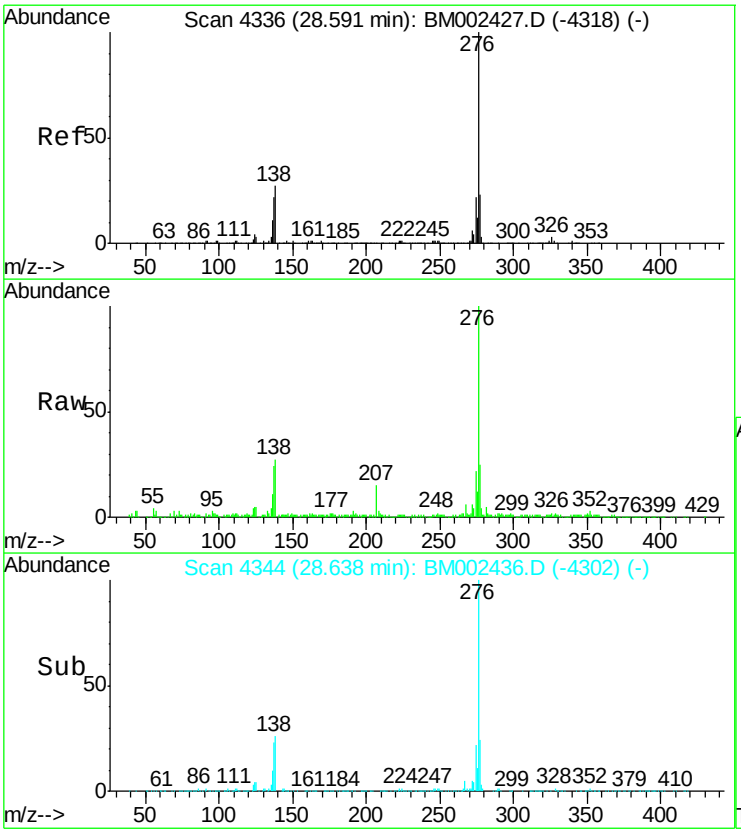
#28
Dibenzo(a,h)anthracene
Concen: 10.28 ng/ul
RT: 27.74 min Scan# 4192
Delta R.T. 0.03 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Instrument :
BNA_M
ClientSampleId :
D9D96

Tgt Ion:278 Resp: 293242

Ion	Ratio	Lower	Upper
278	100		
139	27.3	16.5	24.7#
279	30.7	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 27.87 ng/ul
RT: 28.64 min Scan# 4344
Delta R.T. 0.05 min
Lab File: BM002436.D
Acq: 15 Aug 2015 22:04

Tgt Ion:276 Resp: 792002

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.6
277	25.0	19.2	28.8