Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002570.D
Acq On : 29 Aug 2015 18:30
Operator : UM/IZ
Sample : G3455-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E71

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:50:58 PM

Quant Time: Aug 31 01:25:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	136051	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	586855	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	288076	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	569870	20.00	ng/ul	0.00
17) Chrysene-d12	22.15	240	581090	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	594448	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	397655	13.50	ng/ul	0.00
10) Fluorene-d10	16.34	176	255180	12.34	ng/ul	0.00
14) Anthracene-d10	18.17	188	350397	12.75	ng/ul	0.00
18) Pyrene-d10	20.39	212	272988	10.60	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	213492	6.84	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.69	128	33606	1.12	ng/ul	99
4) 2-Methylnaphthalene	13.25	142	31059	1.38	ng/ul	96
5) 1-Methylnaphthalene	13.46	142	24957	1.12	ng/ul	98
13) Phenanthrene	18.12	178	156245	4.75	ng/ul	99
16) Fluoranthene	20.07	202	350980	9.42	ng/ul	98
19) Pyrene	20.42	202	303275	8.91	ng/ul	98
20) Benzo(a)anthracene	22.13	228	185955	5.35	ng/ul	98
21) Chrysene	22.19	228	192148	5.91	ng/ul	98
23) Benzo(b)fluoranthene	23.96	252	299394	8.33	ng/ul	96
24) Benzo(k)fluoranthene	24.01	252	106914m	3.14	ng/ul	
26) Benzo(a)pyrene	24.66	252	193844	5.65	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.53	276	161993	4.10	ng/ul	95
28) Dibenzo(a,h)anthracene	27.53	278	51041	1.55	ng/ul#	84
29) Benzo(g,h,i)perylene	28.39	276	158322	4.82	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002570.D
Acq On : 29 Aug 2015 18:30
Operator : UM/IZ
Sample : G3455-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 01:25:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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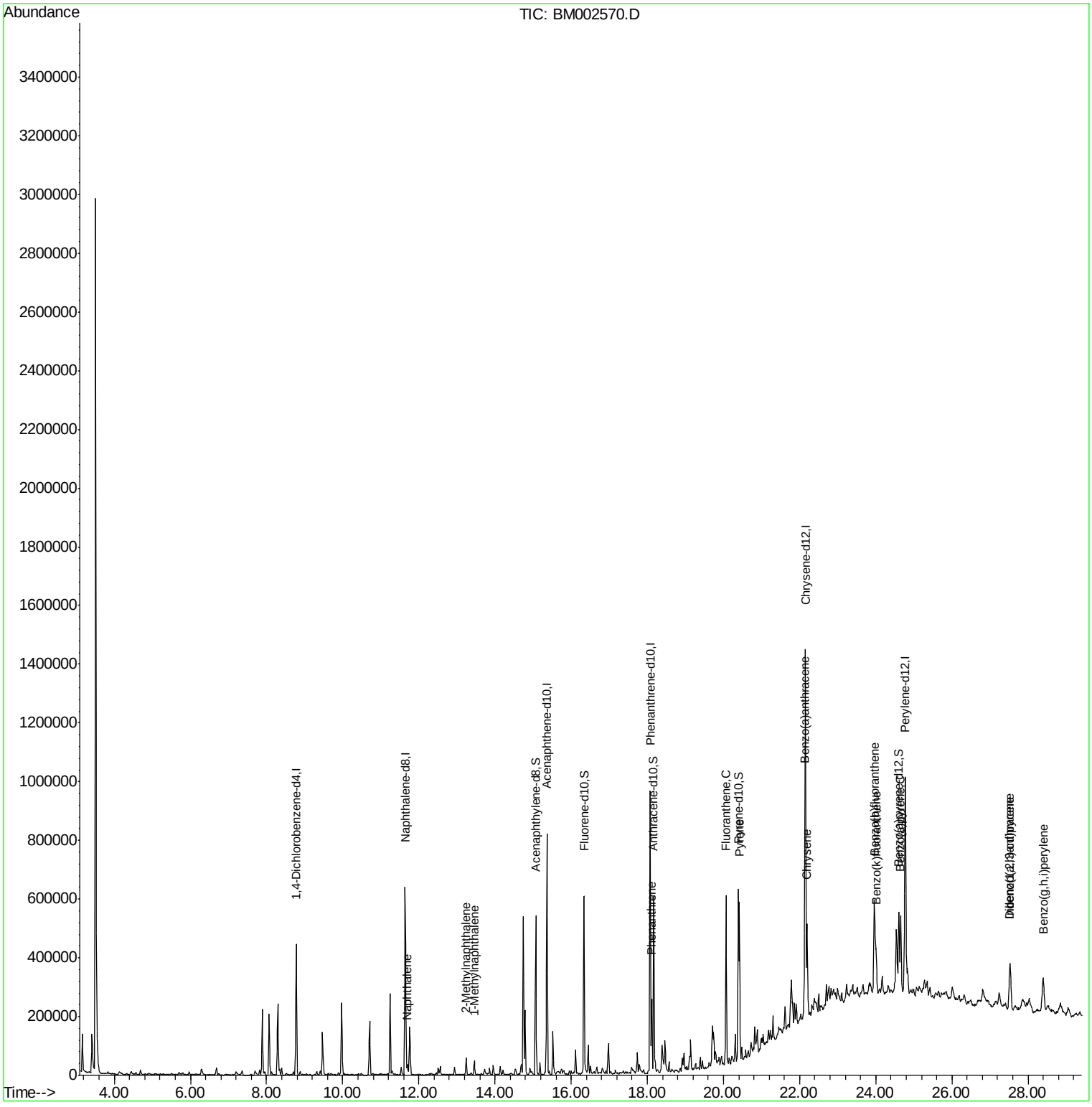
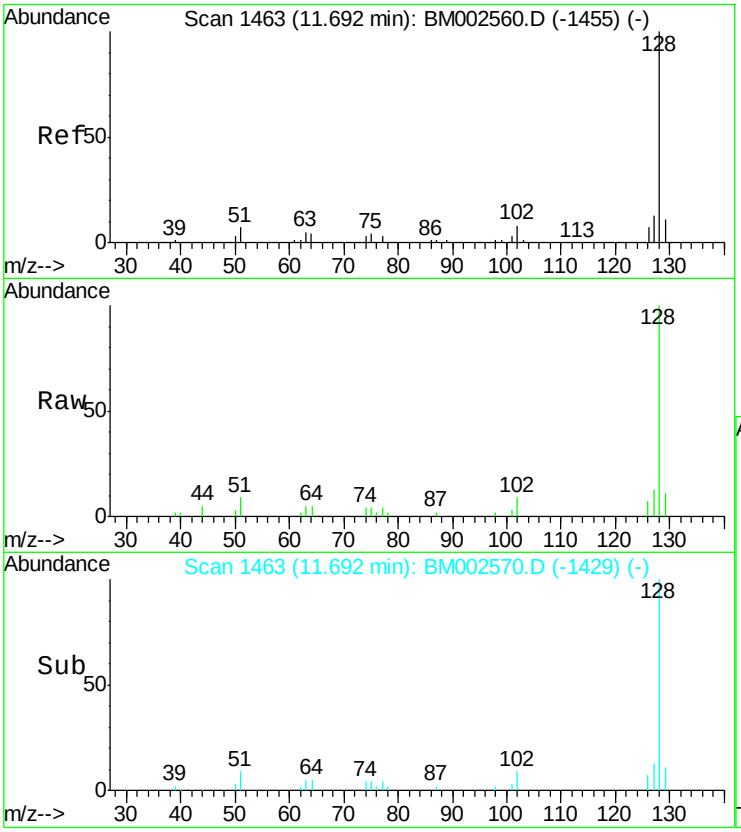
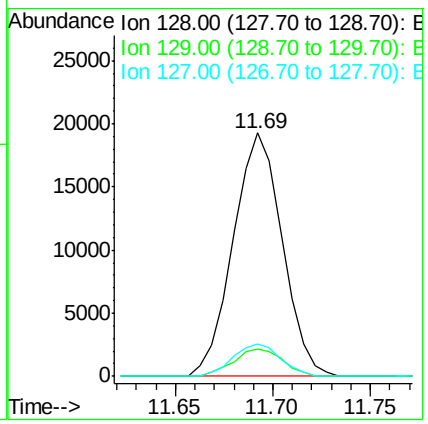




#3
Naphthalene
Concen: 1.12 ng/ul
RT: 11.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:128 Resp: 33606

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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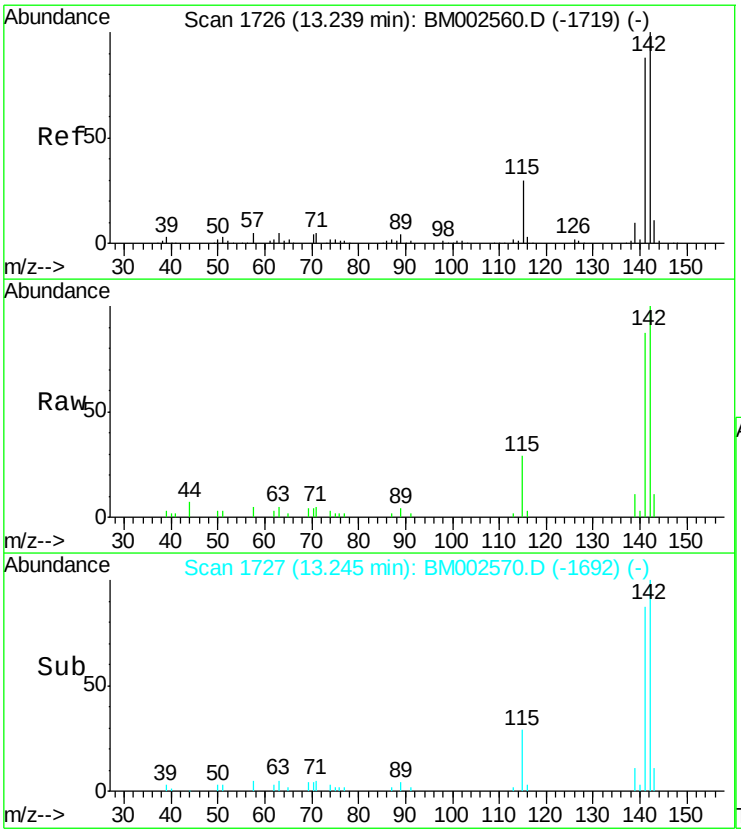
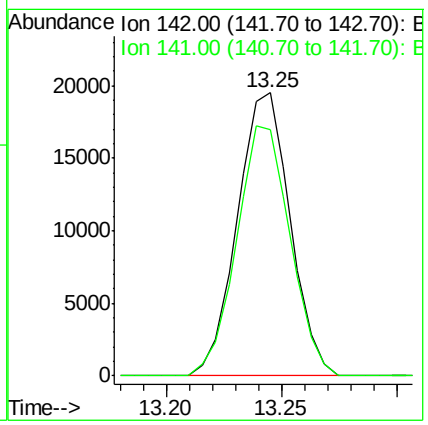
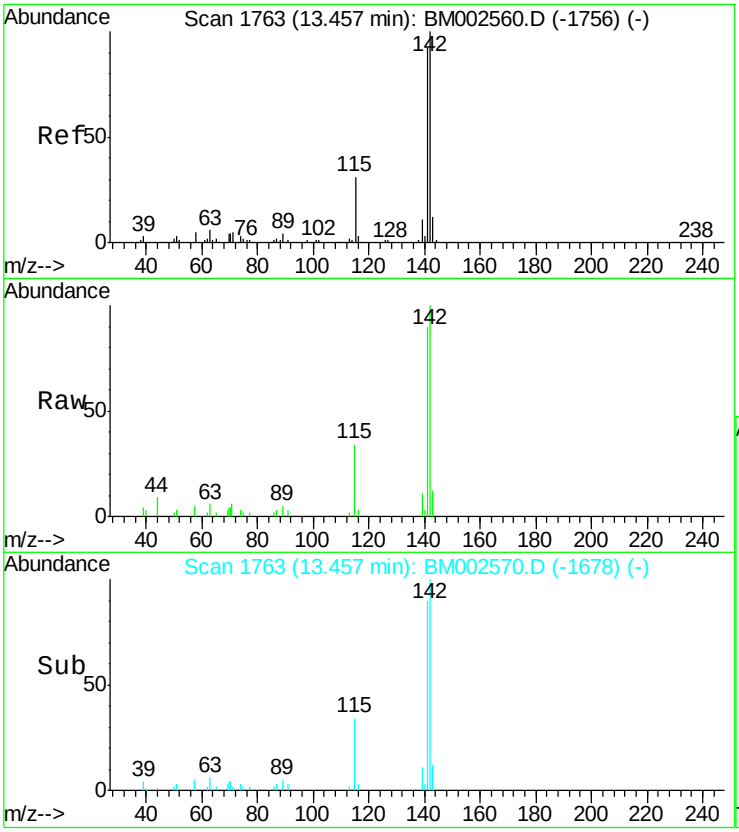


#4
2-Methylnaphthalene
Concen: 1.38 ng/ul
RT: 13.25 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:142 Resp: 31059

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.2	108.2

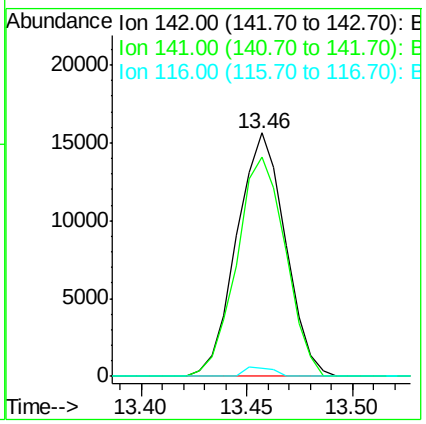




#5
1-Methylnaphthalene
Concen: 1.12 ng/ul
RT: 13.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:142 Resp: 24957

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.9	110.9
116	3.1	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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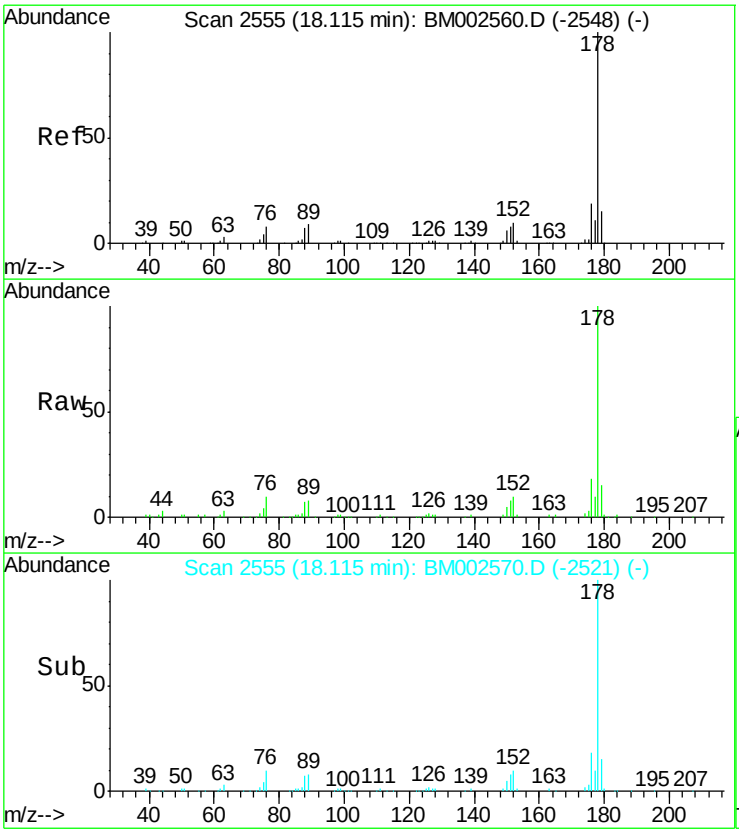
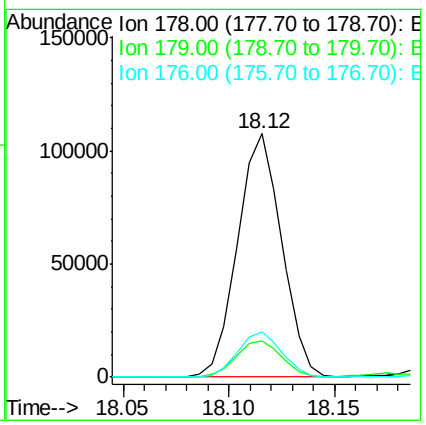
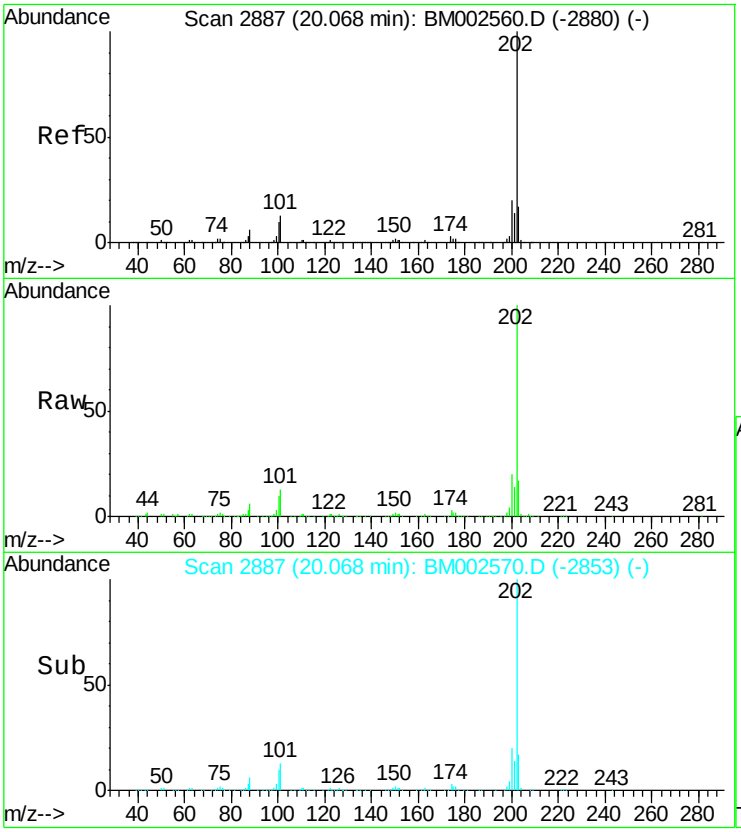


#13
Phenanthrene
Concen: 4.75 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:178 Resp: 156245

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.4	18.6
176	18.4	15.1	22.7

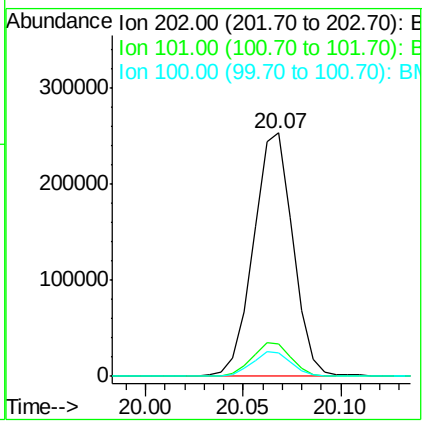




#16
Fluoranthene
Concen: 9.42 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:202 Resp: 350980

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	9.8	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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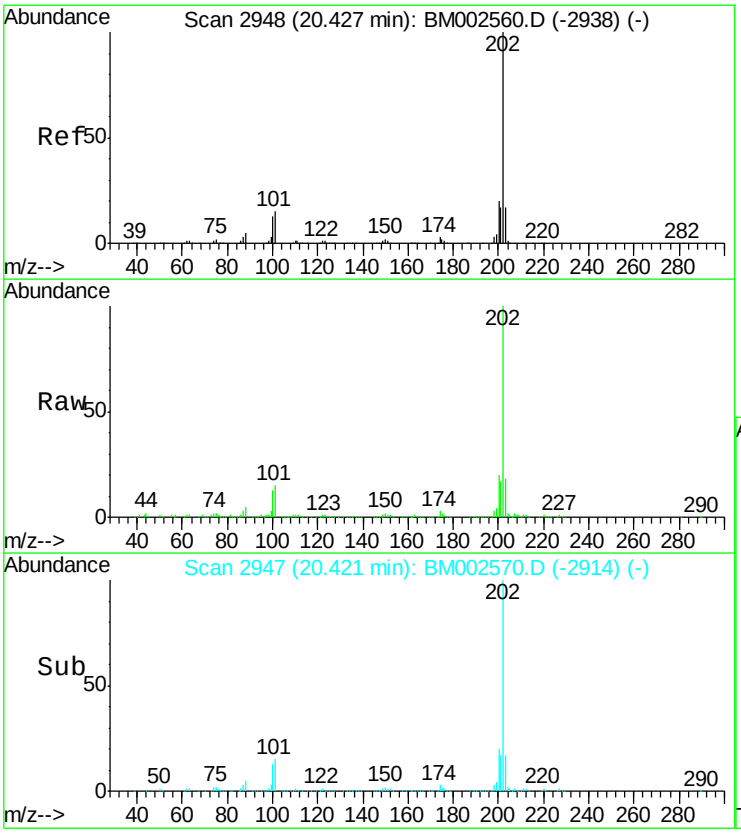
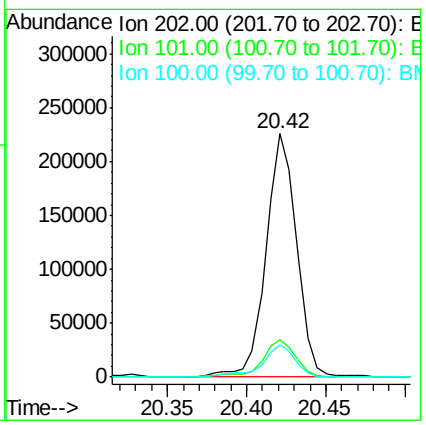
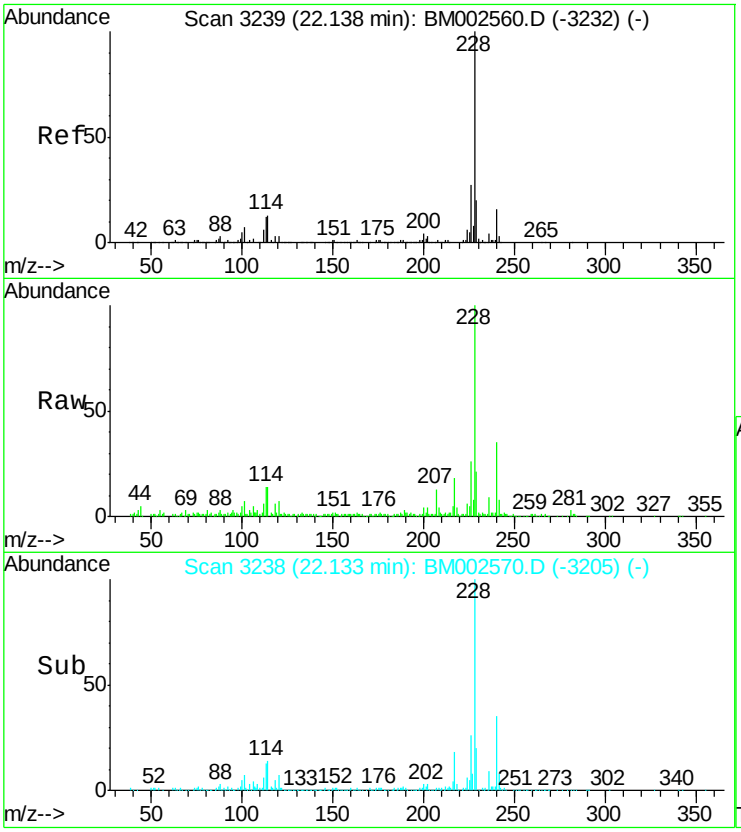


#19
Pyrene
Concen: 8.91 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:202 Resp: 303275

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.0	18.0
100	13.3	9.7	14.5

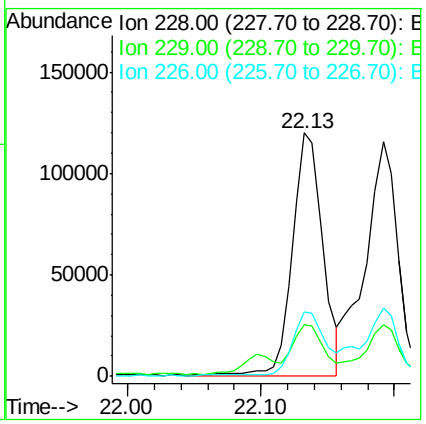




#20
Benzo(a)anthracene
Concen: 5.35 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:228 Resp: 185955

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	26.3	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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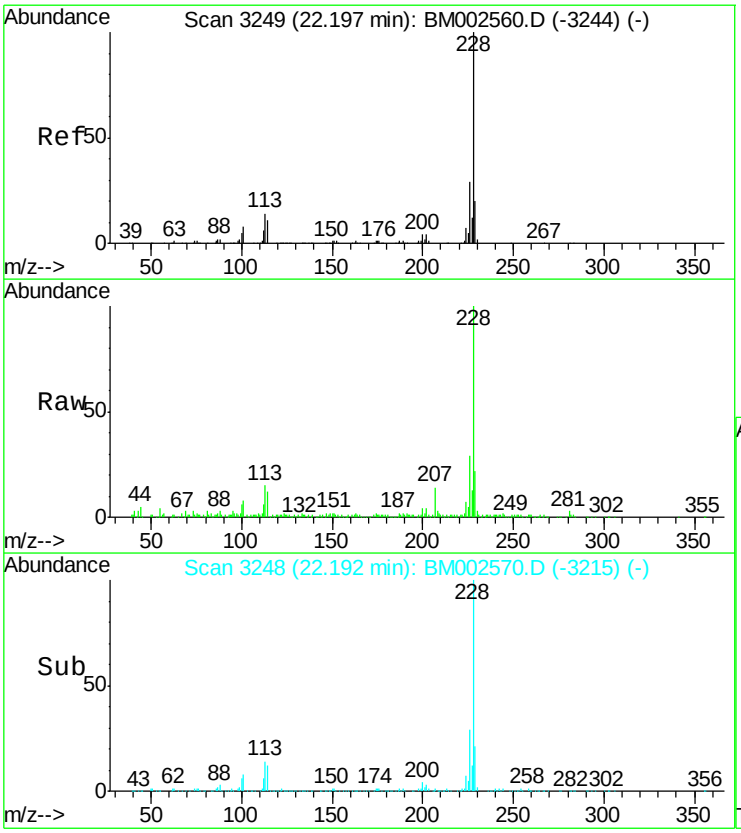
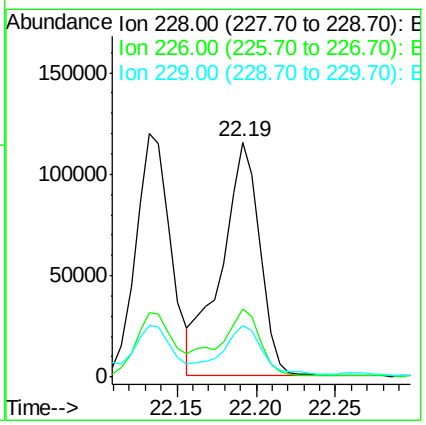
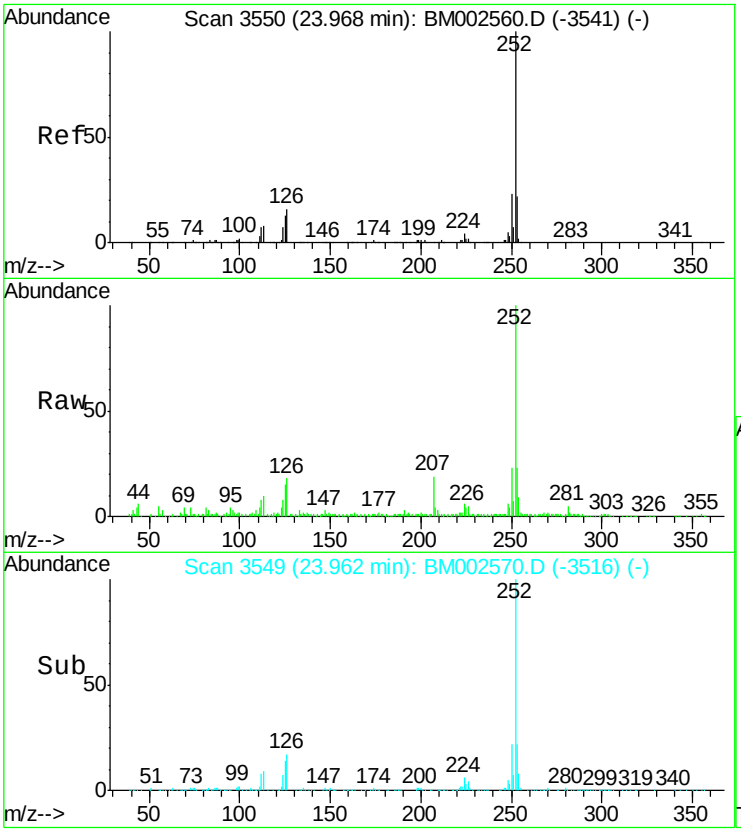


#21
Chrysene
Concen: 5.91 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:228 Resp: 192148

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.3	15.7	23.5

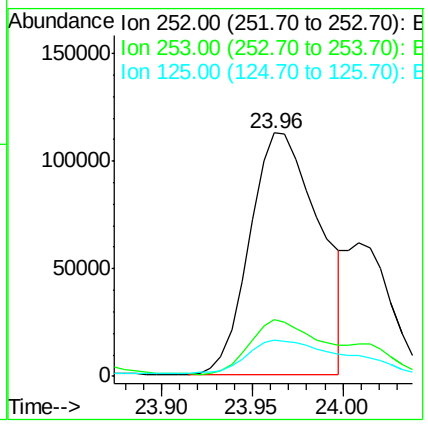




#23
Benzo(b)fluoranthene
Concen: 8.33 ng/ul
RT: 23.96 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:252 Resp: 299394

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	14.9	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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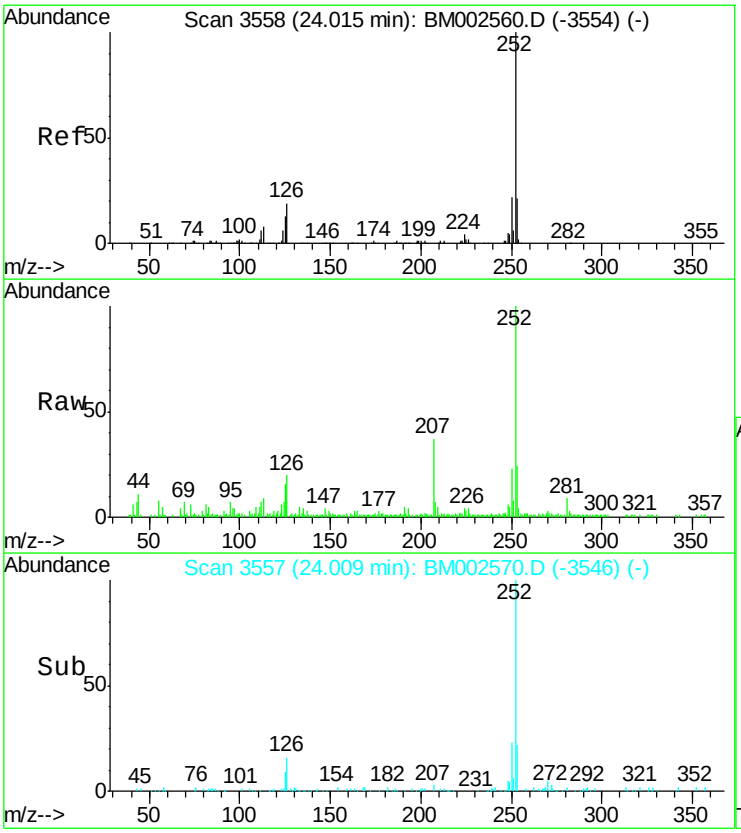
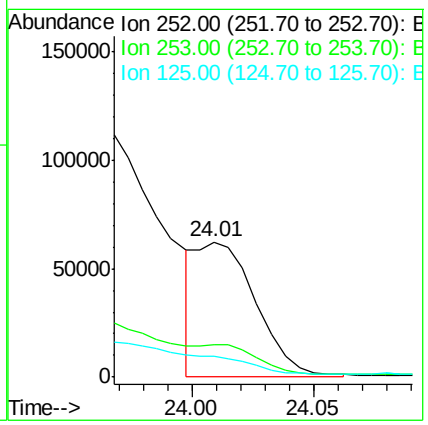
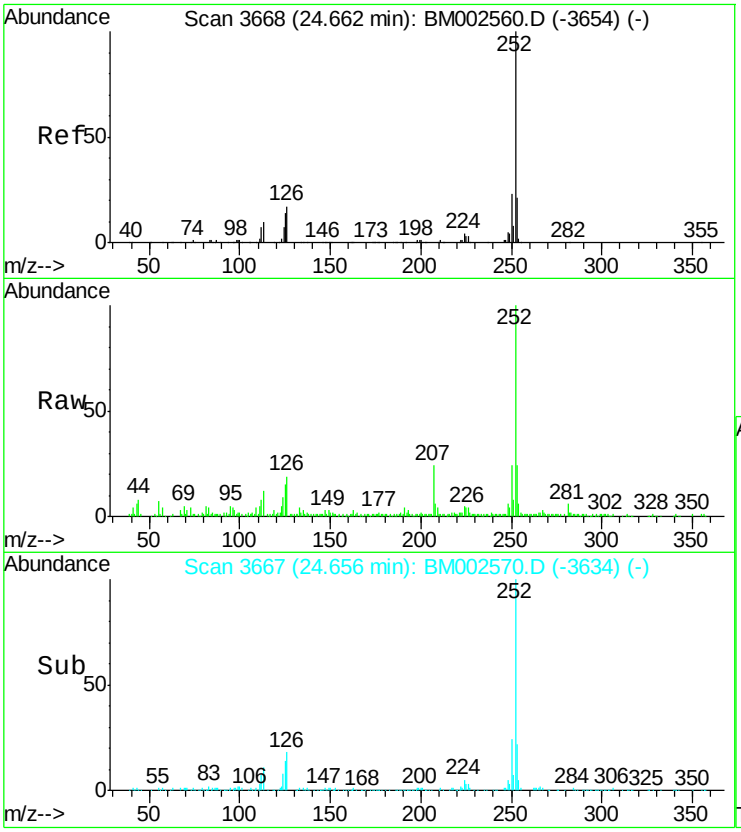


#24
Benzo(k)fluoranthene
Concen: 3.14 ng/ul m
RT: 24.01 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:252 Resp: 106914

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.6	9.8	14.8#

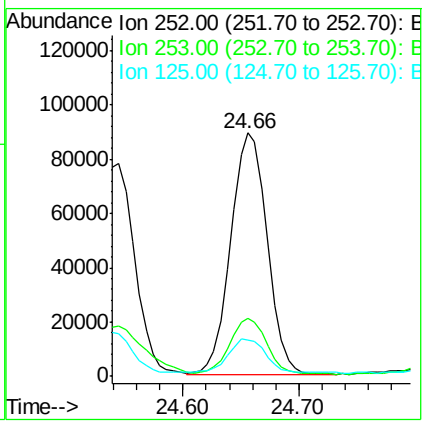




#26
Benzo(a)pyrene
Concen: 5.65 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:252 Resp: 193844

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.1	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
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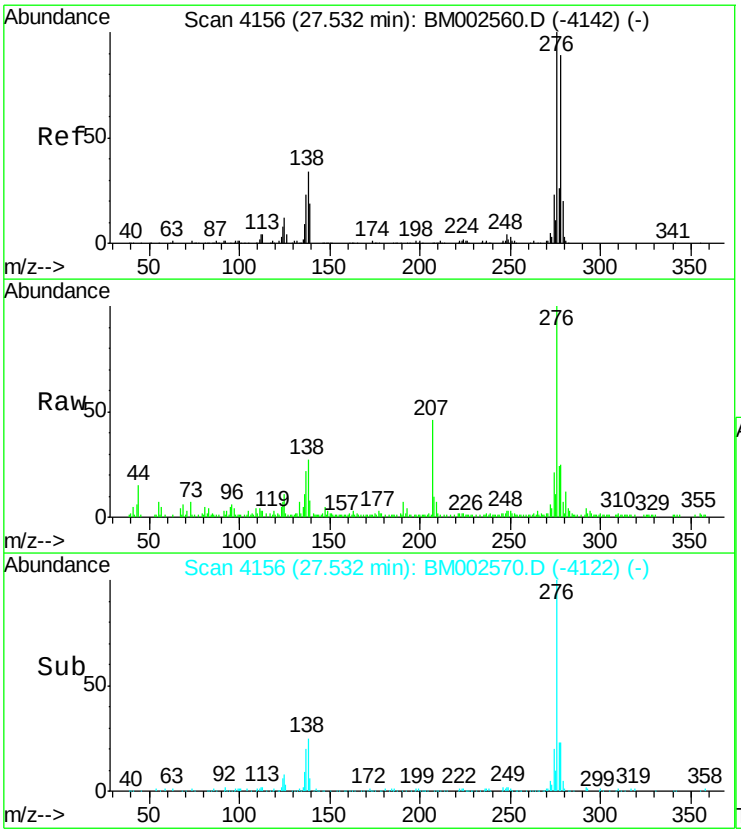
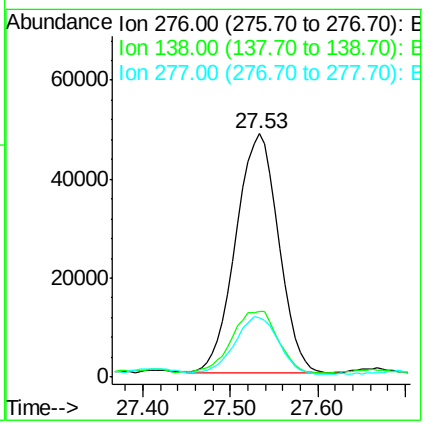
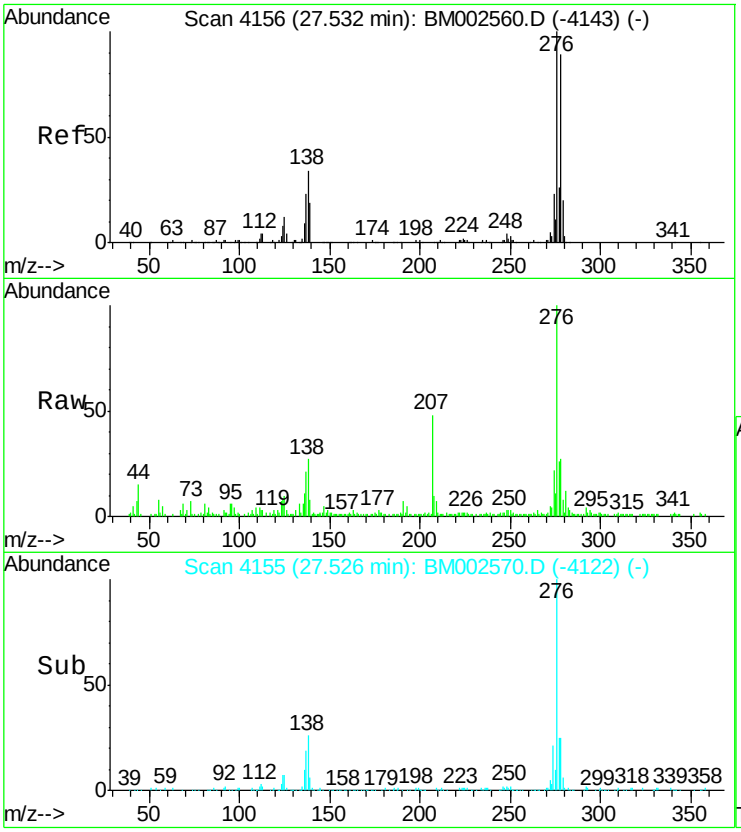


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.10 ng/ul
RT: 27.53 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:276 Resp: 161993

Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.3	37.9
277	24.4	20.2	30.2





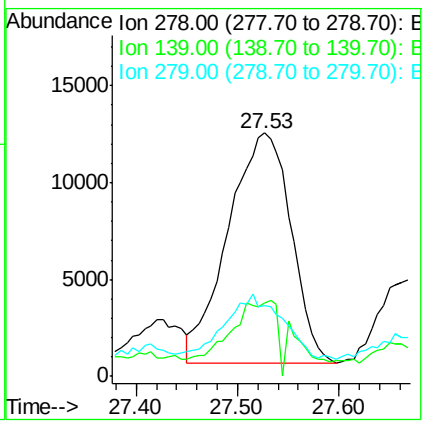
#28
Dibenzo(a,h)anthracene
Concen: 1.55 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

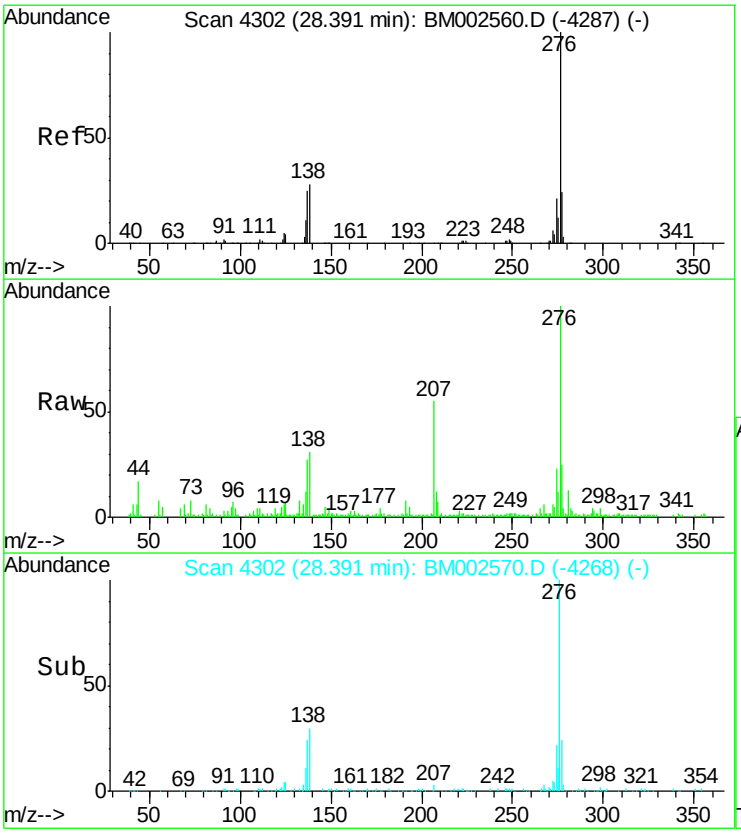
Tgt Ion:278 Resp: 51041

Ion	Ratio	Lower	Upper
278	100		
139	30.2	16.5	24.7#
279	29.0	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
D9E71

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:50:58 PM





#29
Benzo(g,h,i)perylene
Concen: 4.82 ng/ul
RT: 28.39 min Scan# 4302
Delta R.T. 0.00 min
Lab File: BM002570.D
Acq: 29 Aug 2015 18:30

Tgt Ion:276 Resp: 158322

Ion	Ratio	Lower	Upper
276	100		
138	31.2	21.0	31.6
277	24.9	19.2	28.8