Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002582.D
Acq On : 30 Aug 2015 01:47
Operator : UM/IZ
Sample : G3455-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:52:19 PM

Quant Time: Aug 31 01:55:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	159975	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	633778	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	287142	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	549562	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	577044	20.00	ng/ul	0.00
22) Perylene-d12	24.80	264	606004	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	439121	14.96	ng/ul	0.00
10) Fluorene-d10	16.34	176	262257	12.72	ng/ul	0.00
14) Anthracene-d10	18.18	188	344670	13.00	ng/ul	0.00
18) Pyrene-d10	20.40	212	275254	10.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.63	264	220973	6.94	ng/ul	0.02
Target Compounds						Qvalue
8) Acenaphthylene	15.10	152	122146	3.98	ng/ul	99
11) Fluorene	16.40	166	23211	1.00	ng/ul	96
13) Phenanthrene	18.12	178	492178	15.51	ng/ul	99
15) Anthracene	18.22	178	144740	4.50	ng/ul	100
16) Fluoranthene	20.07	202	1131938	31.51	ng/ul	96
19) Pyrene	20.43	202	980366	29.00	ng/ul	98
20) Benzo(a)anthracene	22.14	228	584496	16.94	ng/ul	98
21) Chrysene	22.20	228	550936	17.07	ng/ul	96
23) Benzo(b)fluoranthene	23.99	252	841817	22.98	ng/ul	96
24) Benzo(k)fluoranthene	24.03	252	254488m	7.33	ng/ul	
26) Benzo(a)pyrene	24.68	252	558703	15.97	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.57	276	425497	10.57	ng/ul	97
28) Dibenzo(a,h)anthracene	27.56	278	112847	3.35	ng/ul#	78
29) Benzo(g,h,i)perylene	28.44	276	397253	11.86	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002582.D
Acq On : 30 Aug 2015 01:47
Operator : UM/IZ
Sample : G3455-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 31 01:55:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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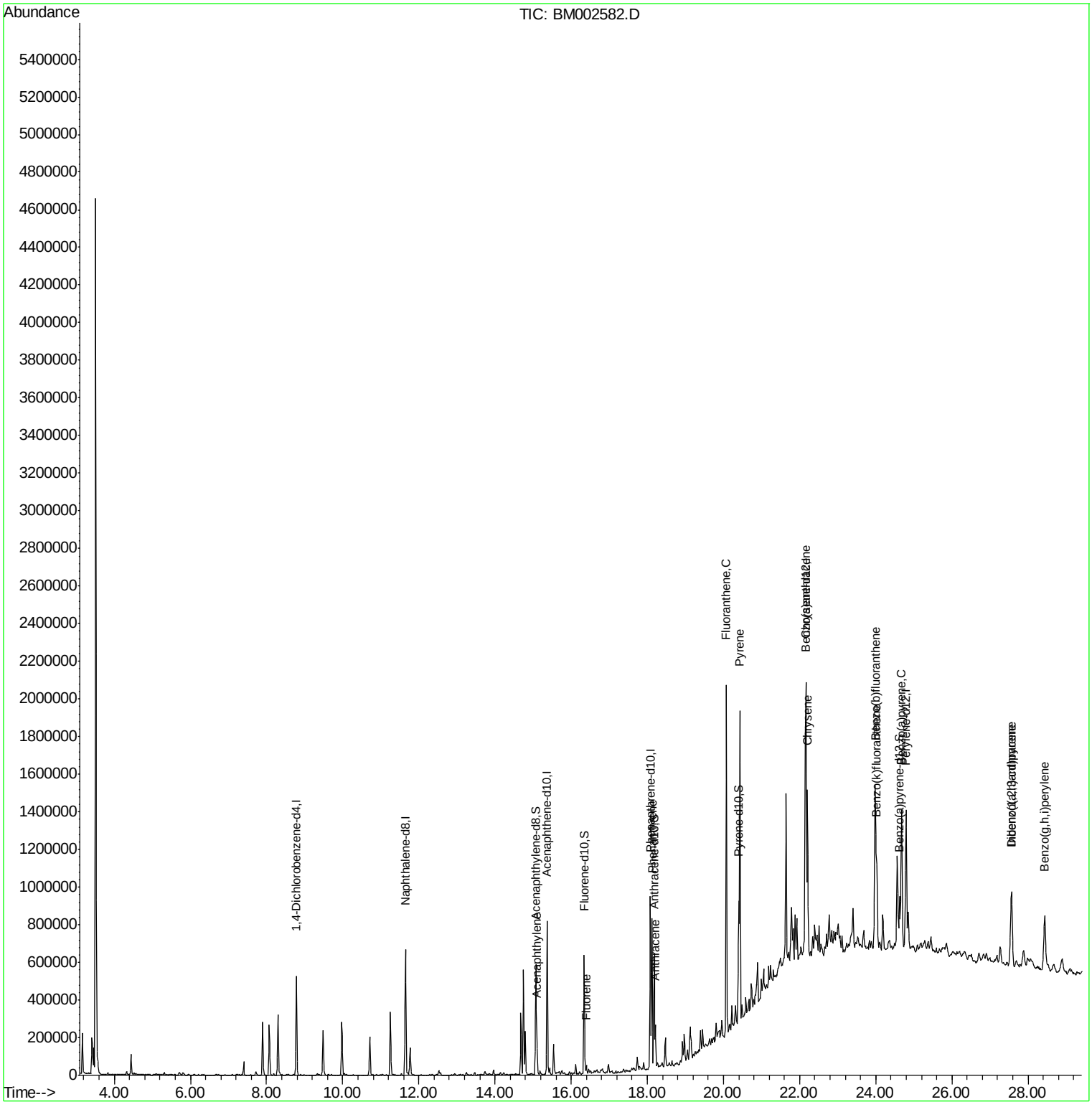
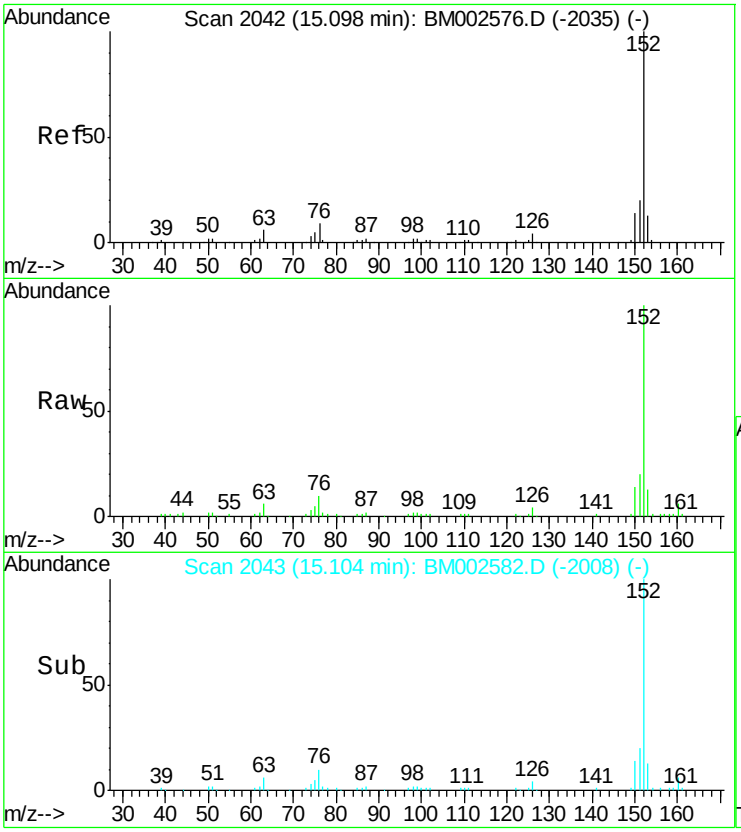
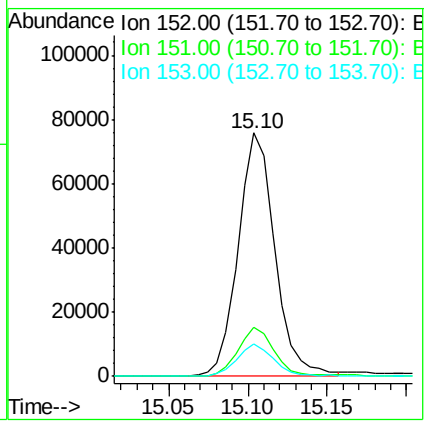




#8
Acenaphthylene
Concen: 3.98 ng/ul
RT: 15.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:152 Resp: 122146

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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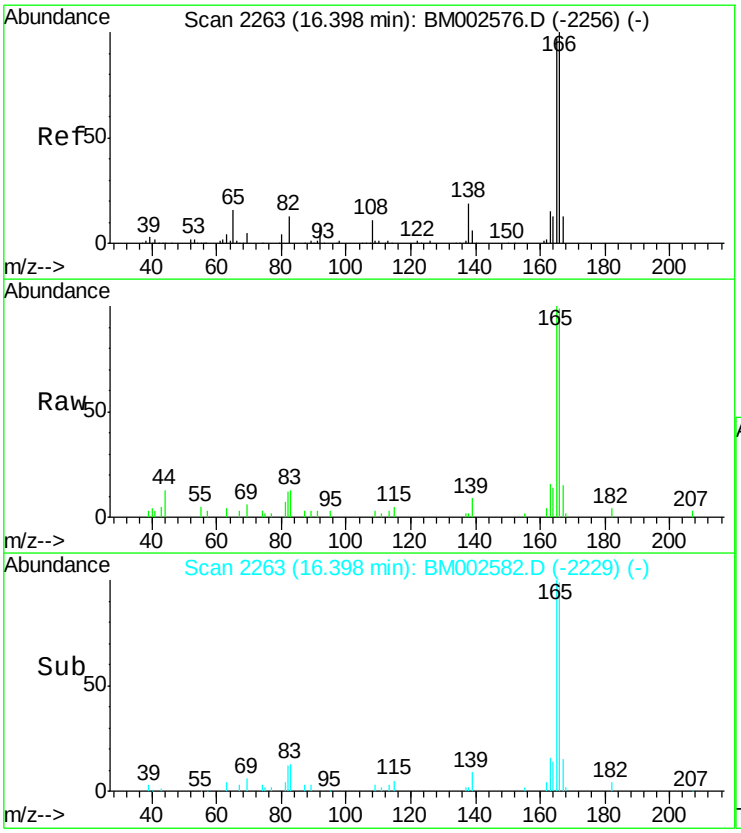
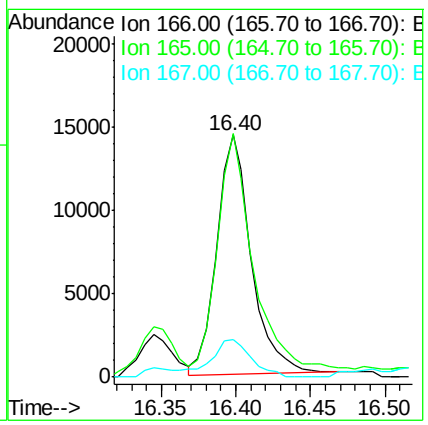
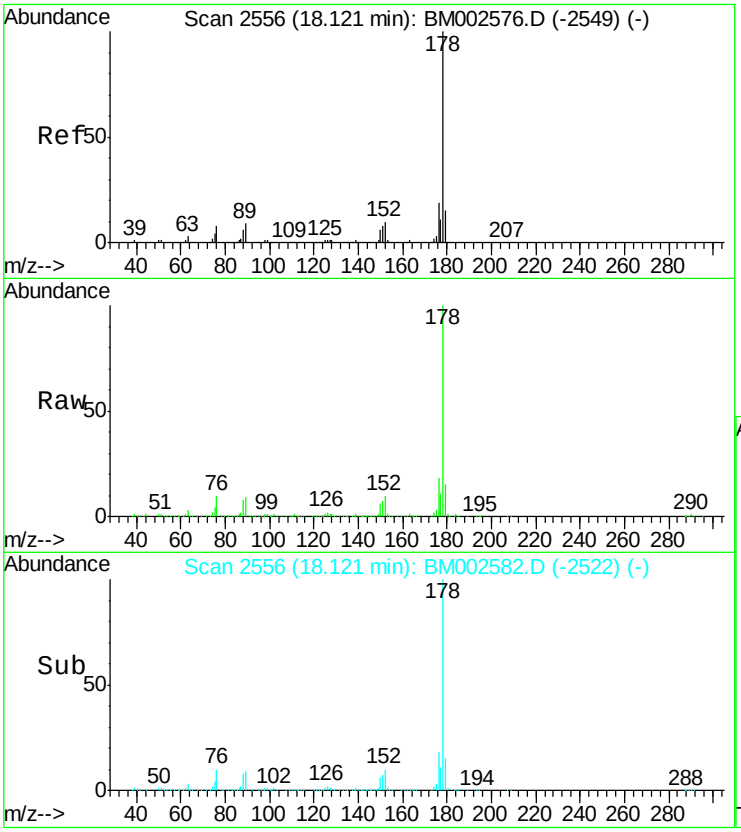


#11
Fluorene
Concen: 1.00 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:166 Resp: 23211

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.6	116.4
167	15.5	10.7	16.1

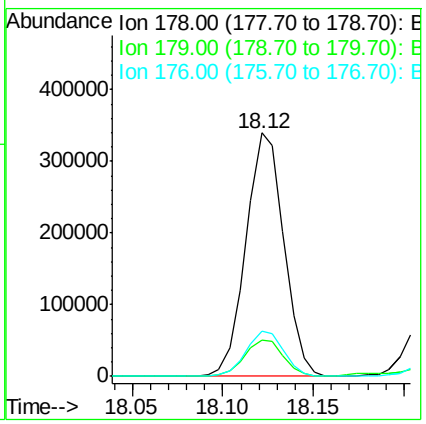




#13
Phenanthrene
Concen: 15.51 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:178 Resp: 492178

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.4	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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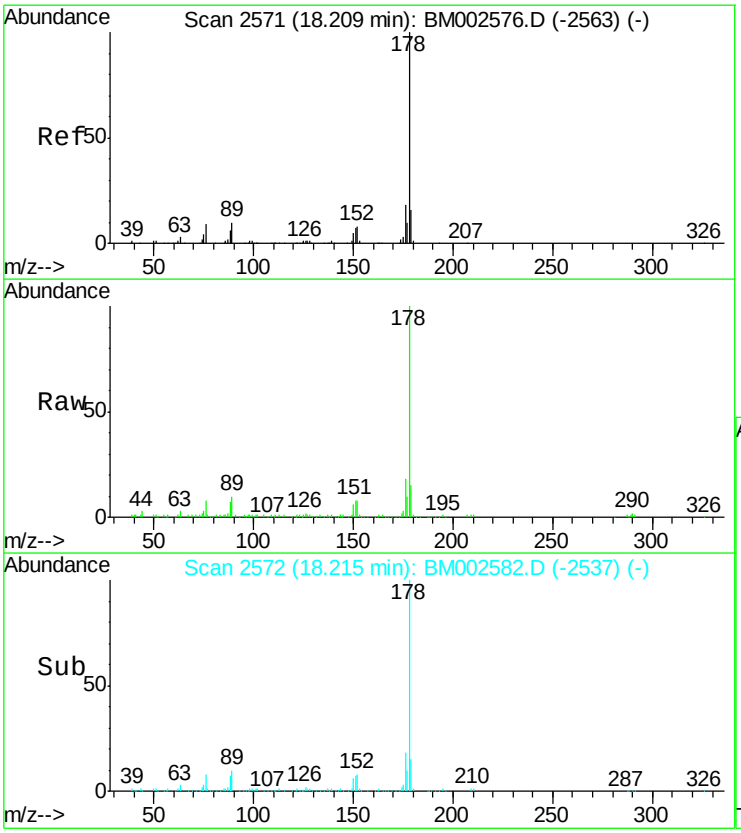
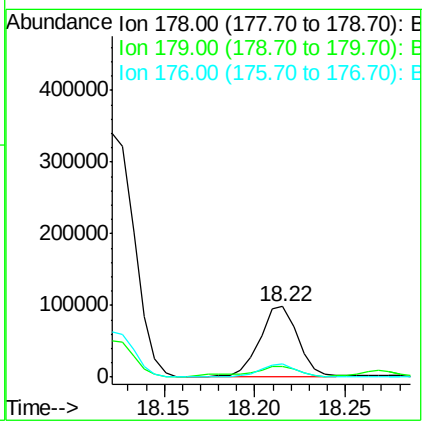
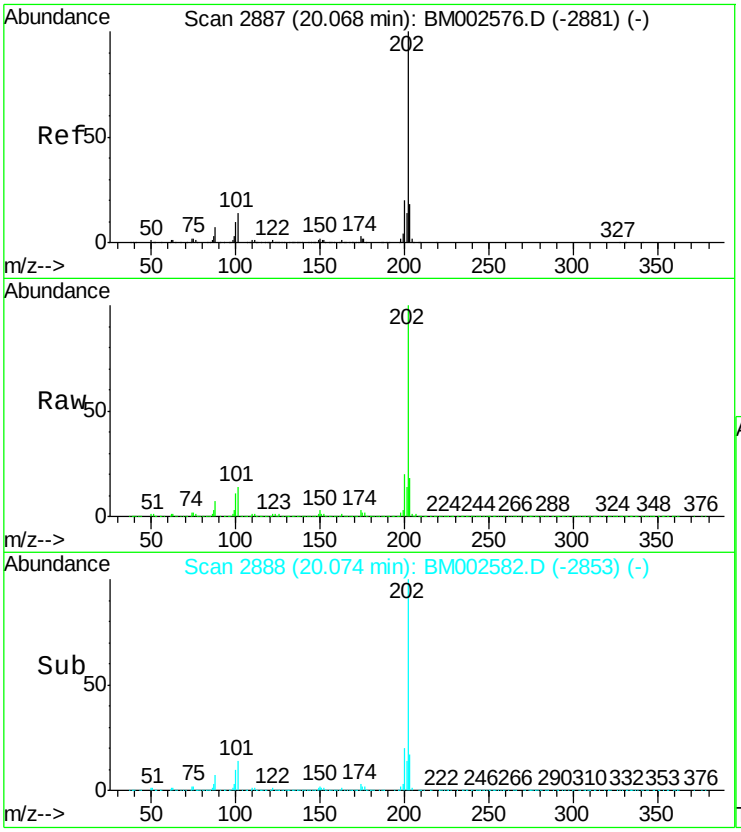


#15
Anthracene
Concen: 4.50 ng/ul
RT: 18.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:178 Resp: 144740

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	17.9	14.5	21.7

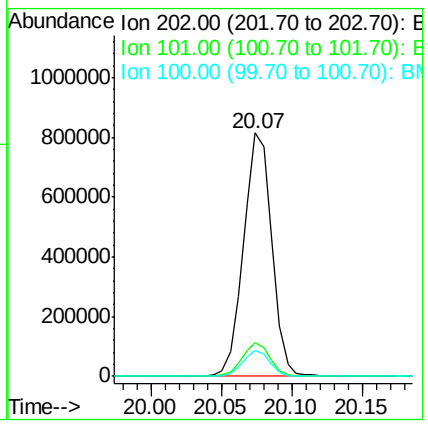




#16
Fluoranthene
Concen: 31.51 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:202 Resp: 1131938

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.7	14.5
100	10.5	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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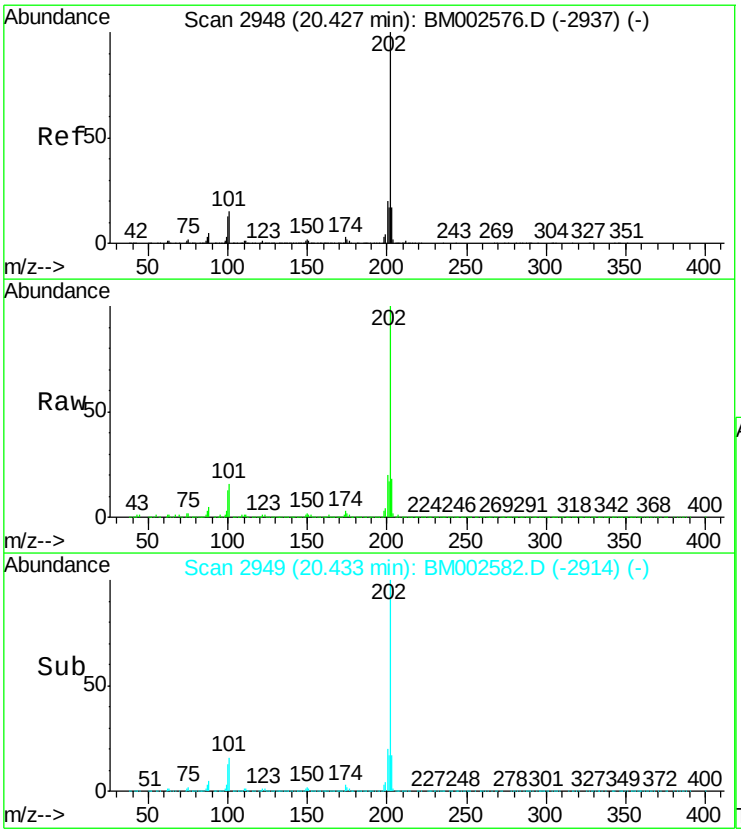
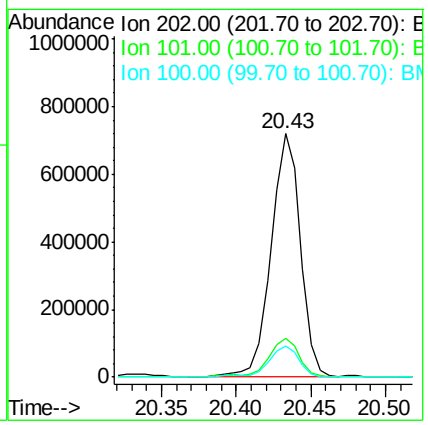
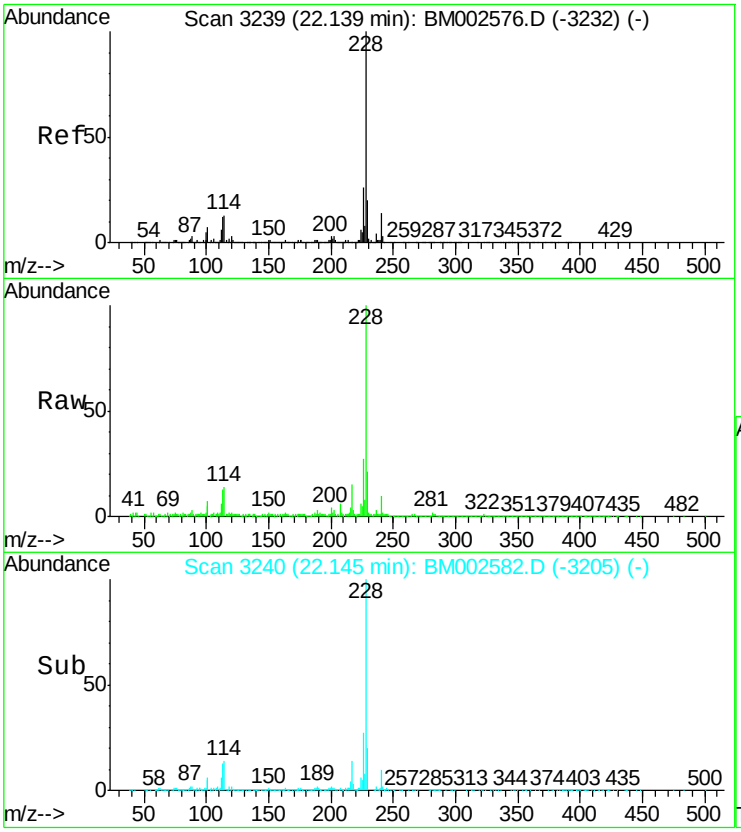


#19
Pyrene
Concen: 29.00 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:202 Resp: 980366

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.0	18.0
100	12.9	9.7	14.5

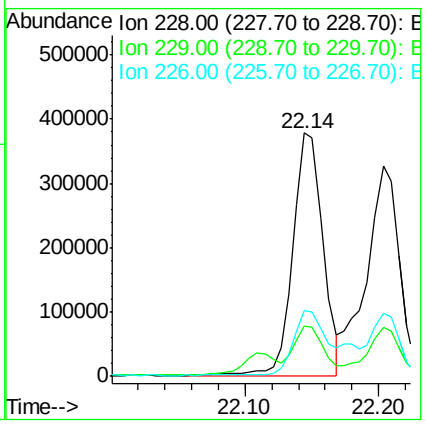




#20
Benzo(a)anthracene
Concen: 16.94 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:228 Resp: 584496

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	27.2	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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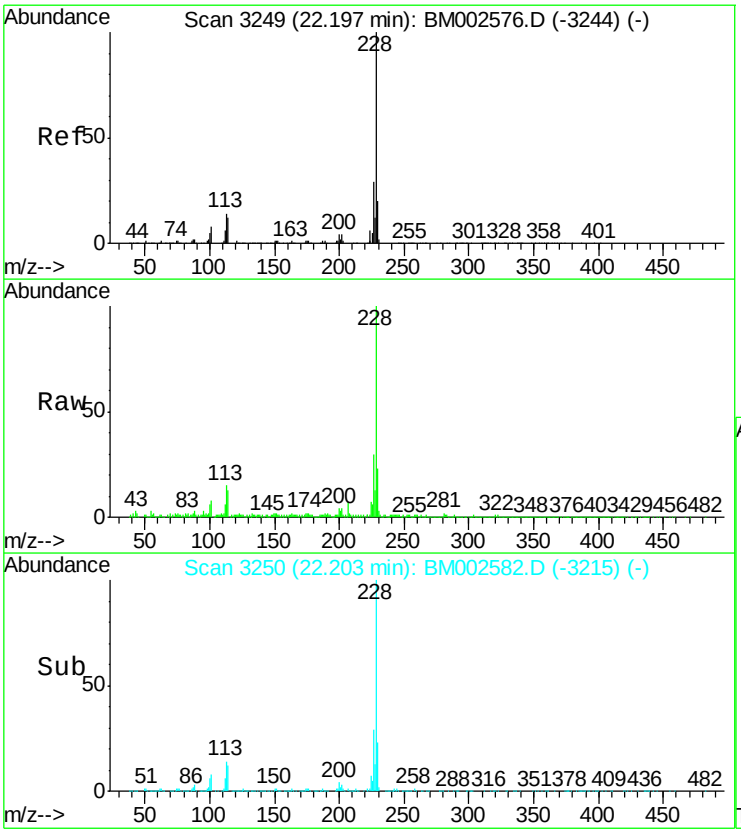
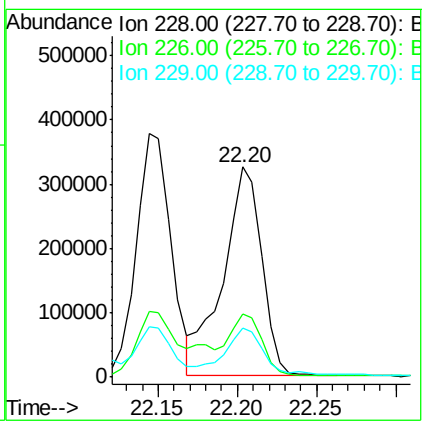
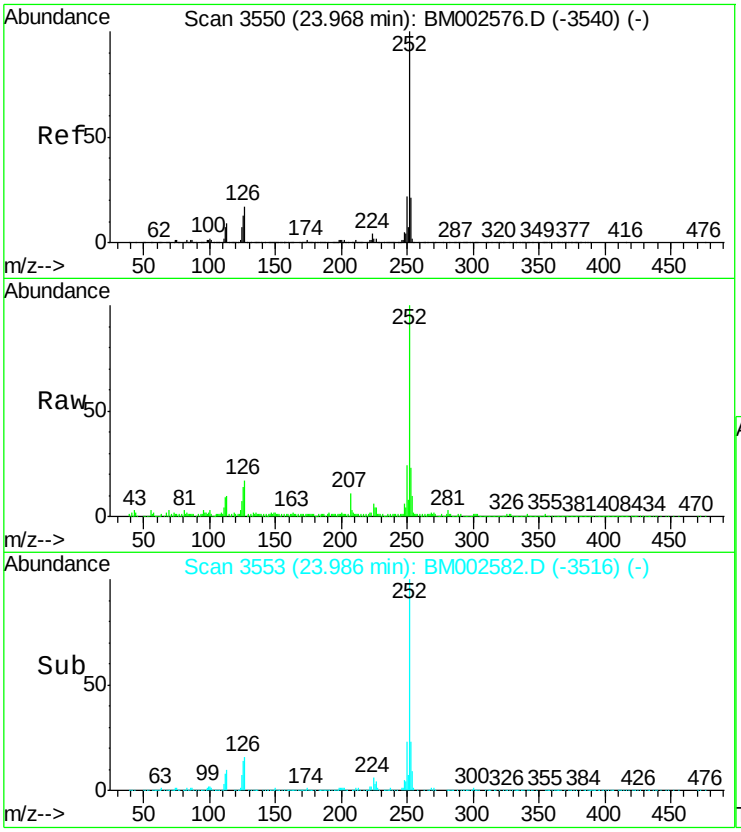


#21
Chrysene
Concen: 17.07 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:228 Resp: 550936

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	23.3	15.7	23.5

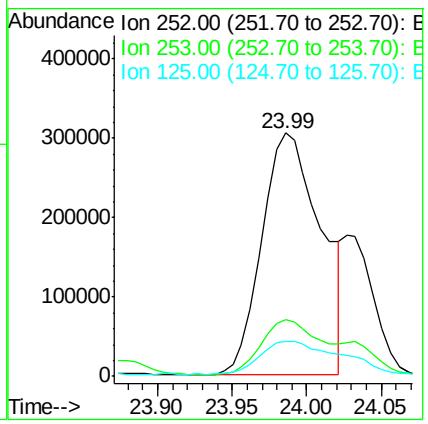




#23
Benzo(b)fluoranthene
Concen: 22.98 ng/ul
RT: 23.99 min Scan# 3553
Delta R.T. 0.02 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:252 Resp: 841817

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	14.5	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
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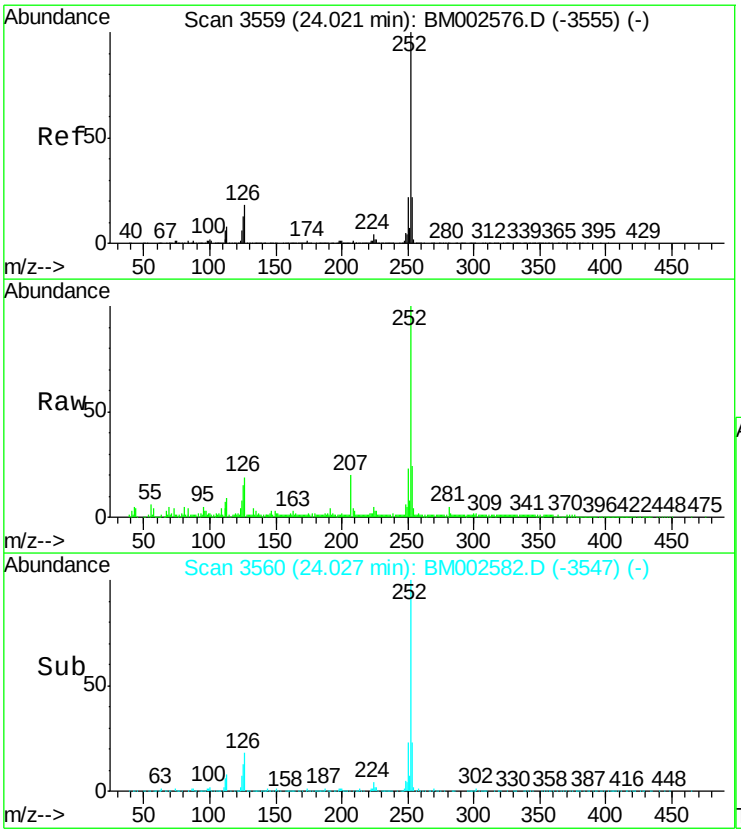
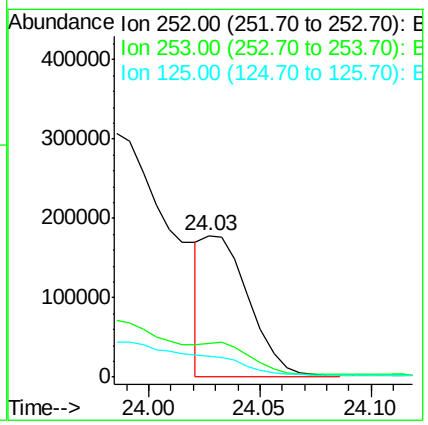
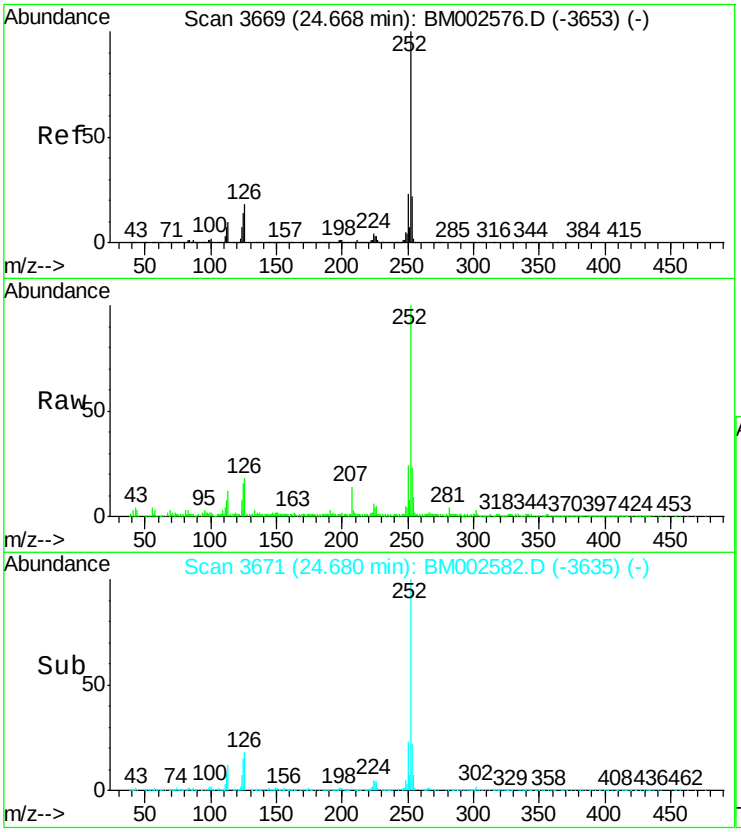


#24
Benzo(k)fluoranthene
Concen: 7.33 ng/ul m
RT: 24.03 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:252 Resp: 254488

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.0	9.8	14.8#

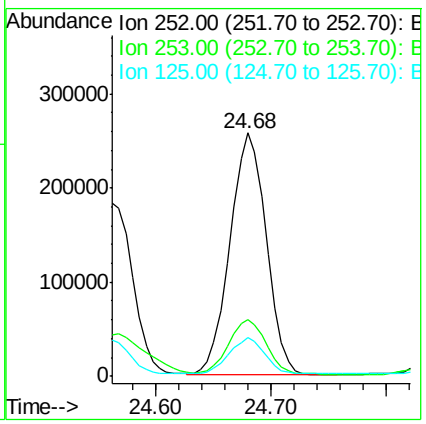




#26
Benzo(a)pyrene
Concen: 15.97 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:252 Resp: 558703

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	15.7	10.7	16.1



Instrument :
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ClientSampleId :
D9E83

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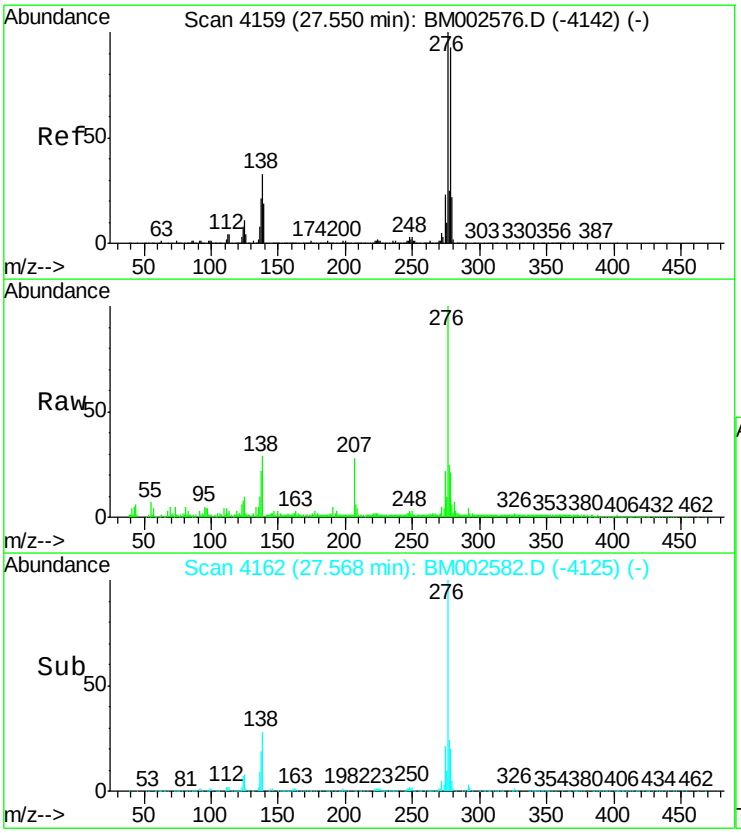
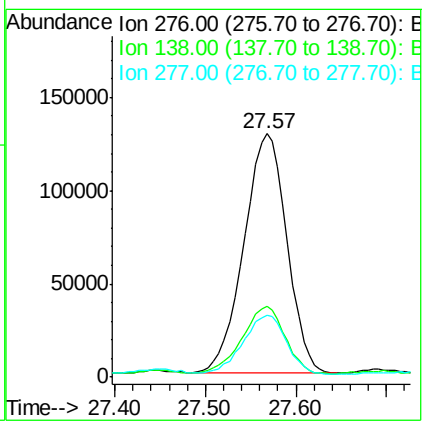
MMDadoda
8/31/2015 1:52:19 PM

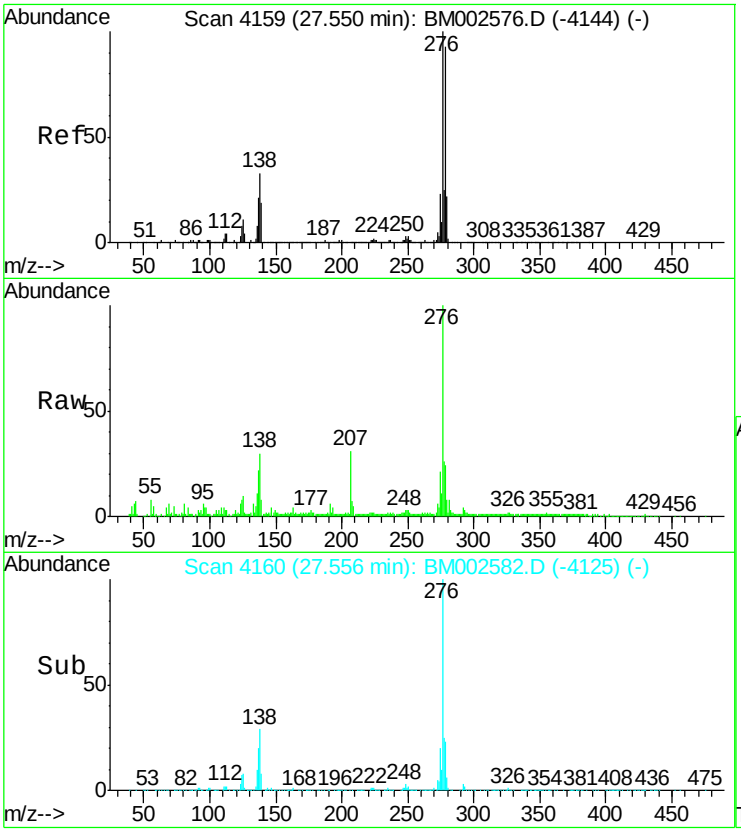


#27
Indeno(1,2,3-cd)pyrene
Concen: 10.57 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.02 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:276 Resp: 425497

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.3	37.9
277	25.2	20.2	30.2





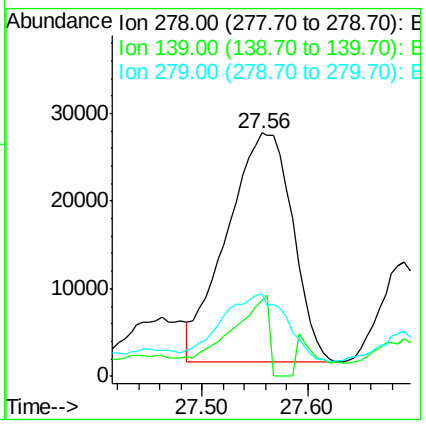
#28
Dibenzo(a,h)anthracene
Concen: 3.35 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.01 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

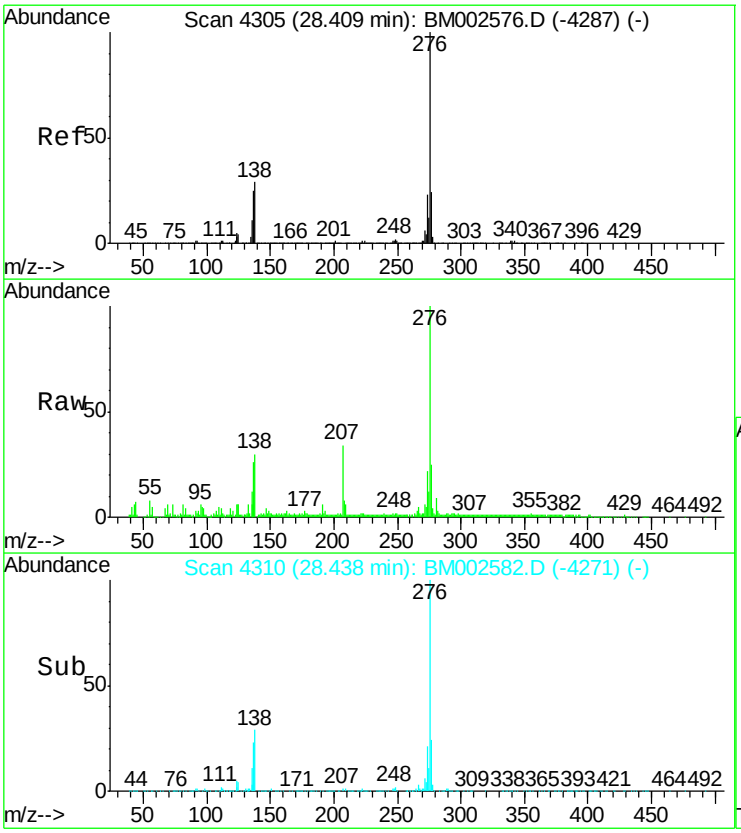
Tgt Ion:278 Resp: 112847

Ion	Ratio	Lower	Upper
278	100		
139	30.9	16.5	24.7#
279	33.8	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
D9E83

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:52:19 PM





#29
Benzo(g,h,i)perylene
Concen: 11.86 ng/ul
RT: 28.44 min Scan# 4310
Delta R.T. 0.03 min
Lab File: BM002582.D
Acq: 30 Aug 2015 01:47

Tgt Ion:276 Resp: 397253

Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.0	31.6
277	25.0	19.2	28.8