Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002370.D
Acq On : 12 Aug 2015 20:45
Operator : UM/IZ
Sample : G3163-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9D00

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM

Quant Time: Aug 13 01:00:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215347	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1001298	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	511012	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	897152	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	642386	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	647784	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1316665	24.87	ng/ul	0.00
10) Fluorene-d10	16.46	176	825629	22.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	1042843	23.96	ng/ul	0.00
18) Pyrene-d10	20.52	212	794826	25.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	633803	18.43	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.83	128	52819	1.00	ng/ul	99
13) Phenanthrene	18.24	178	459611	8.90	ng/ul	100
15) Anthracene	18.33	178	101129	1.90	ng/ul	98
16) Fluoranthene	20.19	202	903981	15.81	ng/ul	100
19) Pyrene	20.54	202	747830	18.01	ng/ul	97
20) Benzo(a)anthracene	22.27	228	479496	12.23	ng/ul	97
21) Chrysene	22.33	228	526866m	14.18	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	730051	18.13	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	213082m	5.51	ng/ul	
26) Benzo(a)pyrene	24.87	252	639435	16.60	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	377855	8.56	ng/ul	98
28) Dibenzo(a,h)anthracene	27.84	278	130061	3.48	ng/ul#	60
29) Benzo(g,h,i)perylene	28.74	276	776547	20.84	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002370.D
Acq On : 12 Aug 2015 20:45
Operator : UM/IZ
Sample : G3163-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 13 01:00:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
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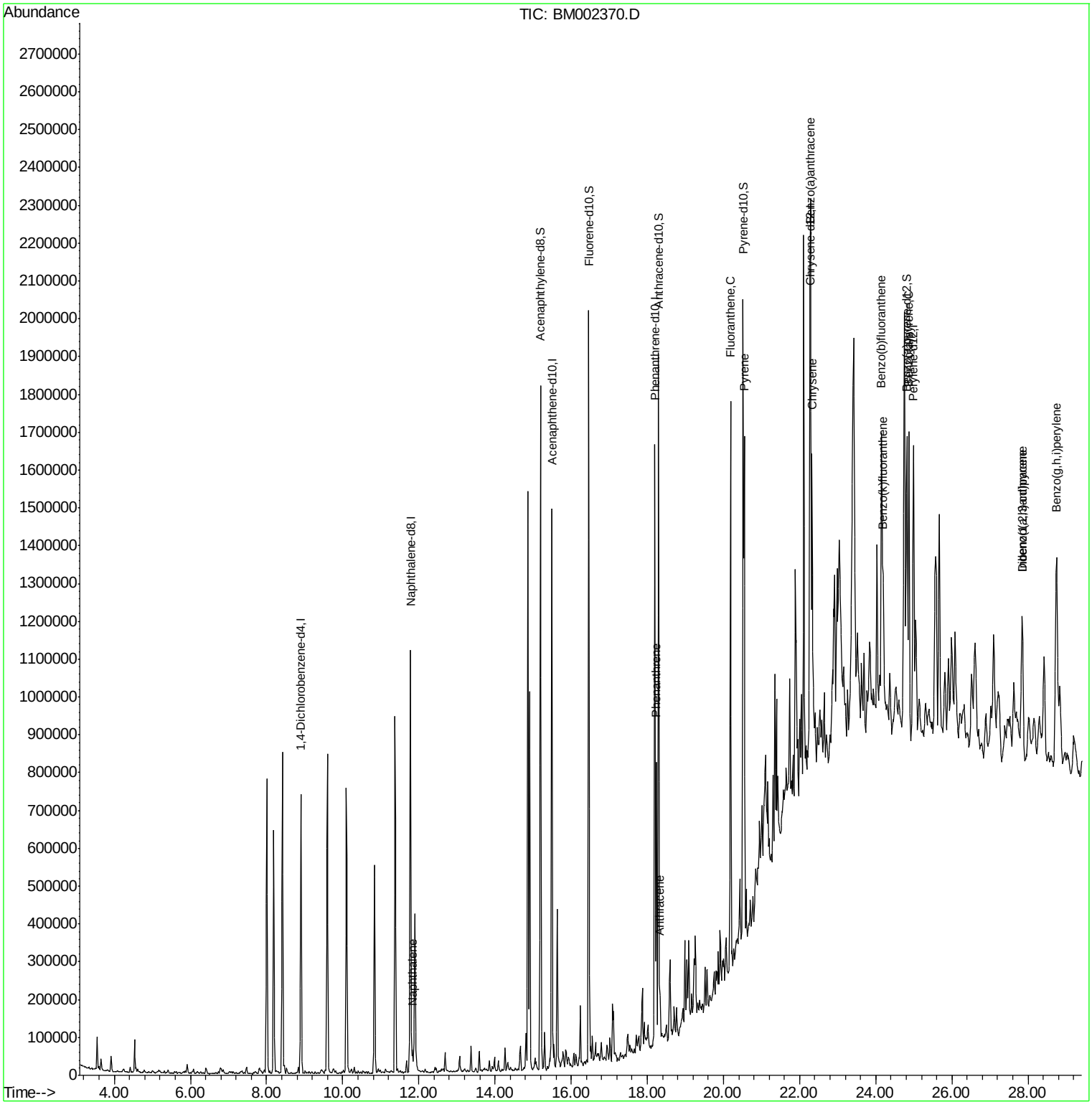
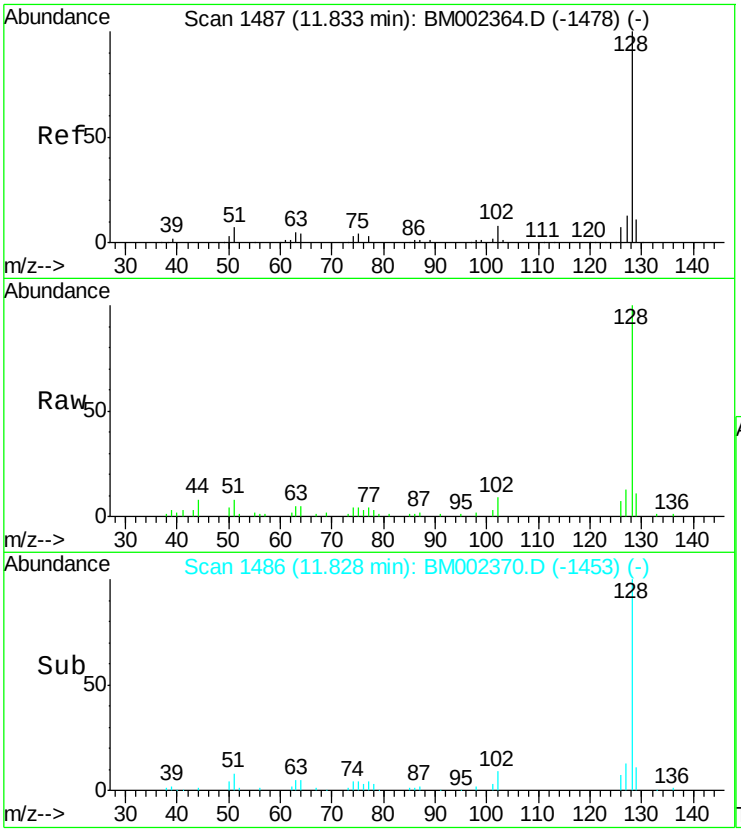
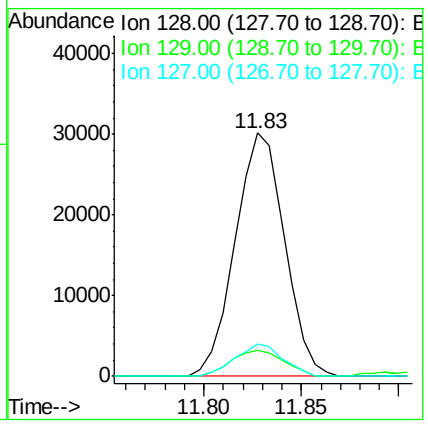




#3
Naphthalene
Concen: 1.00 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:128 Resp: 52819

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9D00

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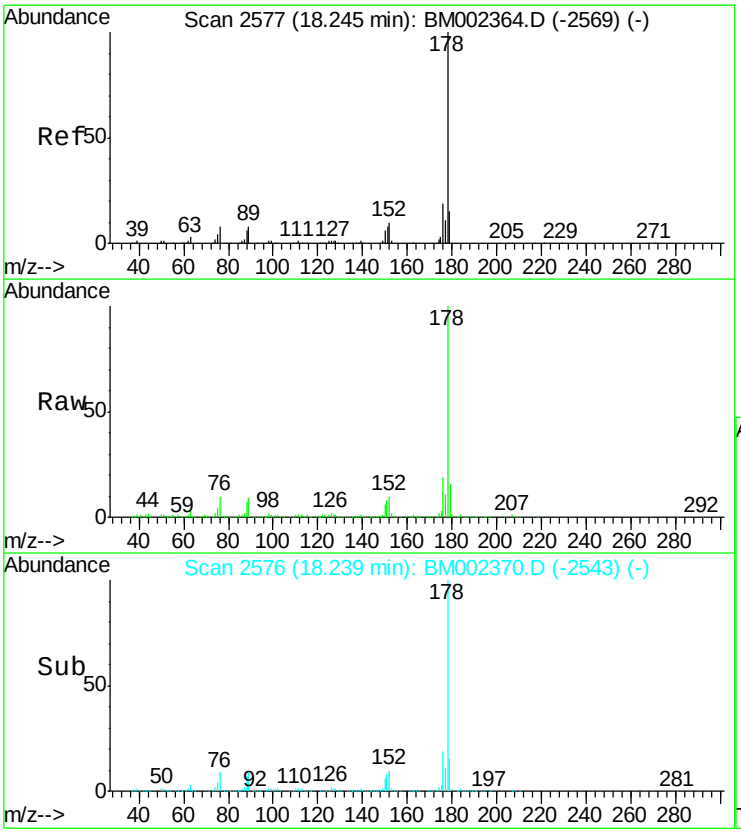
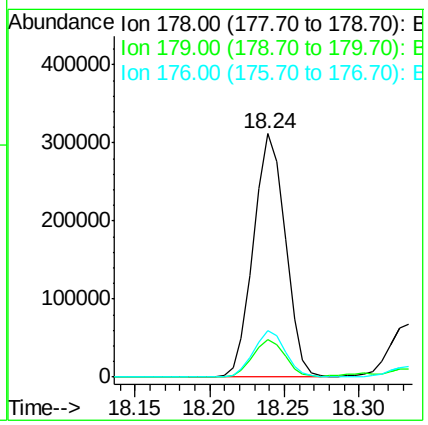
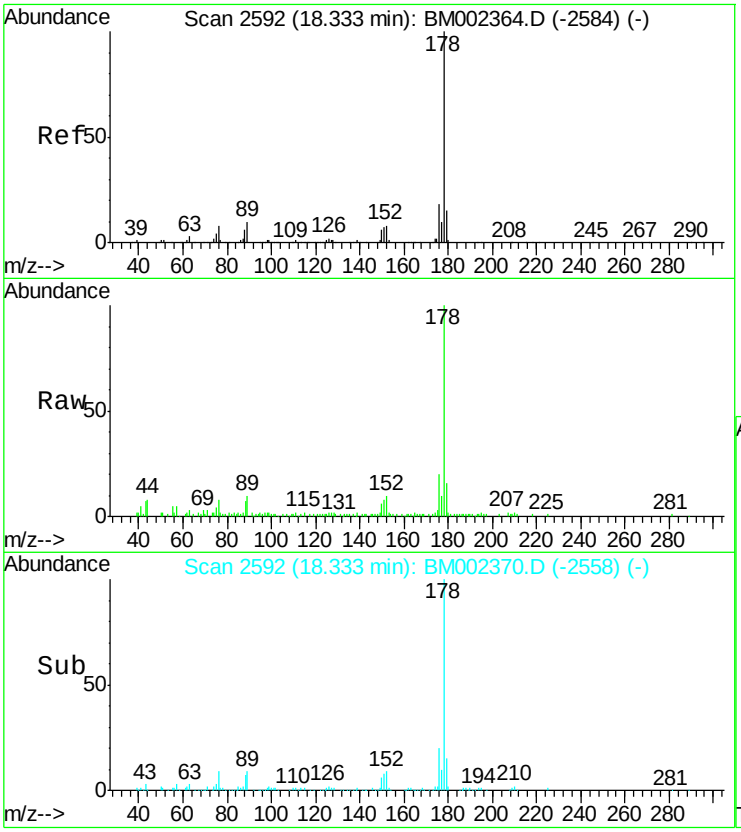


#13
Phenanthrene
Concen: 8.90 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:178 Resp: 459611

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.3	22.9

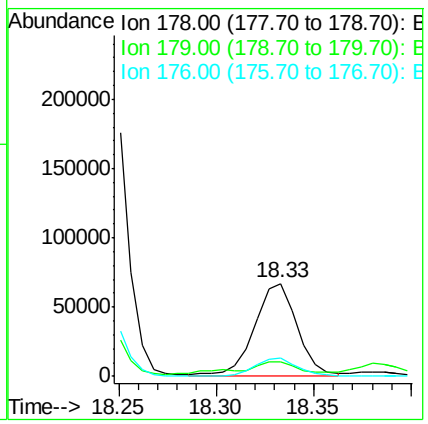




#15
Anthracene
Concen: 1.90 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:178 Resp: 101129

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.6	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9D00

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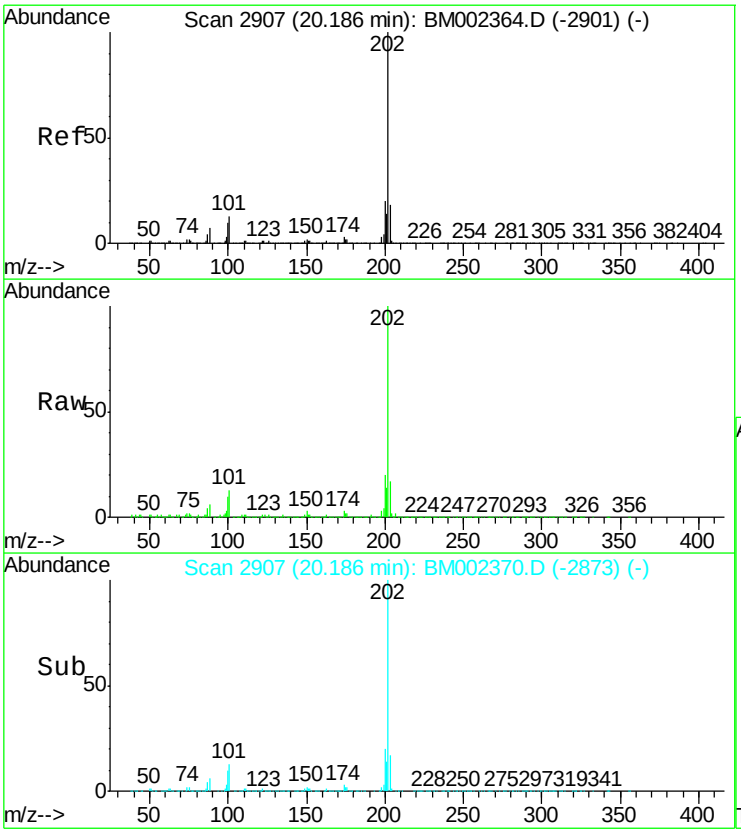
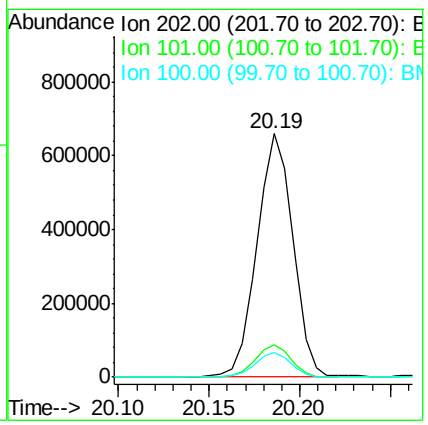
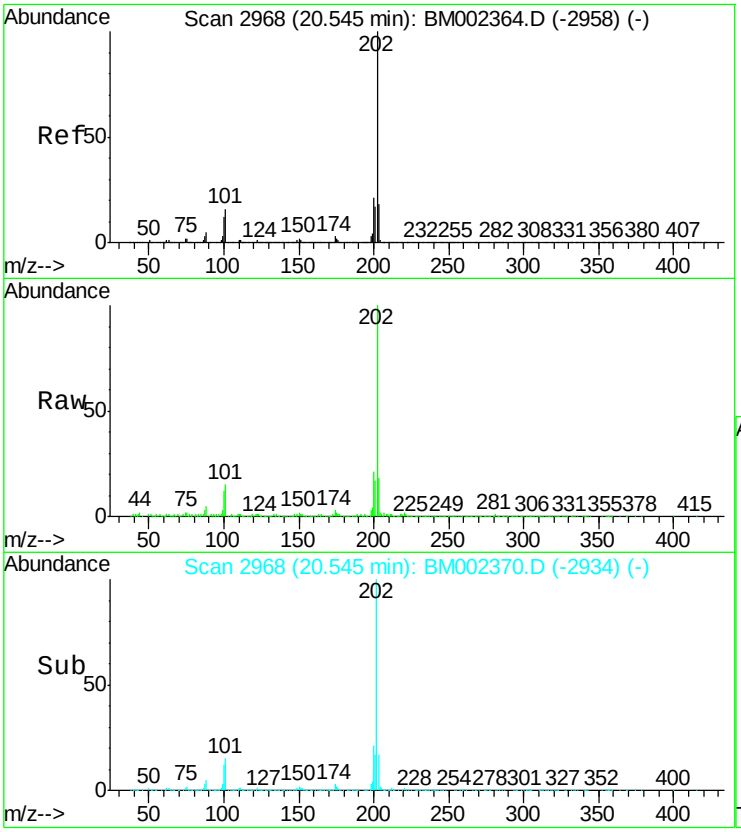


#16
Fluoranthene
Concen: 15.81 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:202 Resp: 903981

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
100	10.0	8.2	12.4

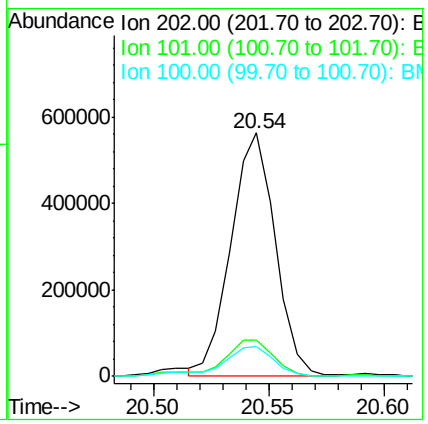




#19
Pyrene
Concen: 18.01 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:202 Resp: 747830

Ion	Ratio	Lower	Upper
202	100		
101	15.1	13.0	19.6
100	12.1	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
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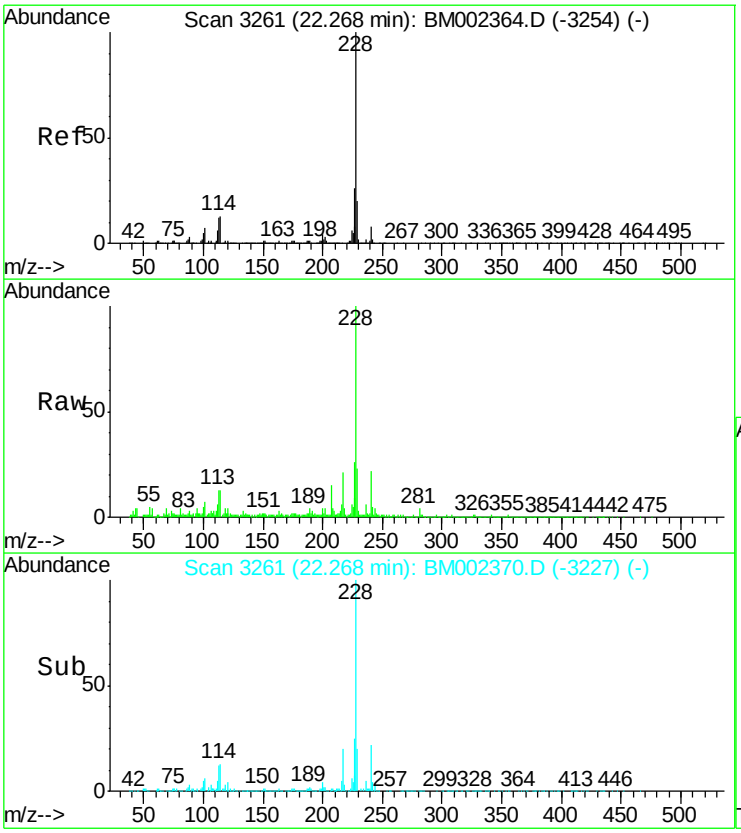
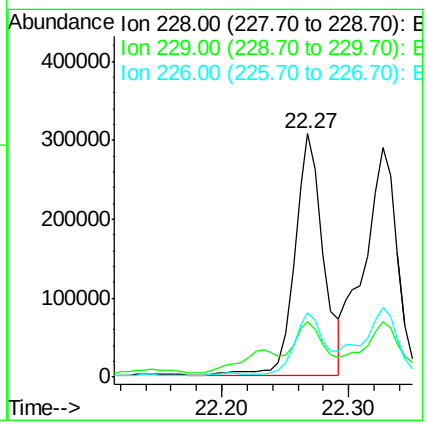
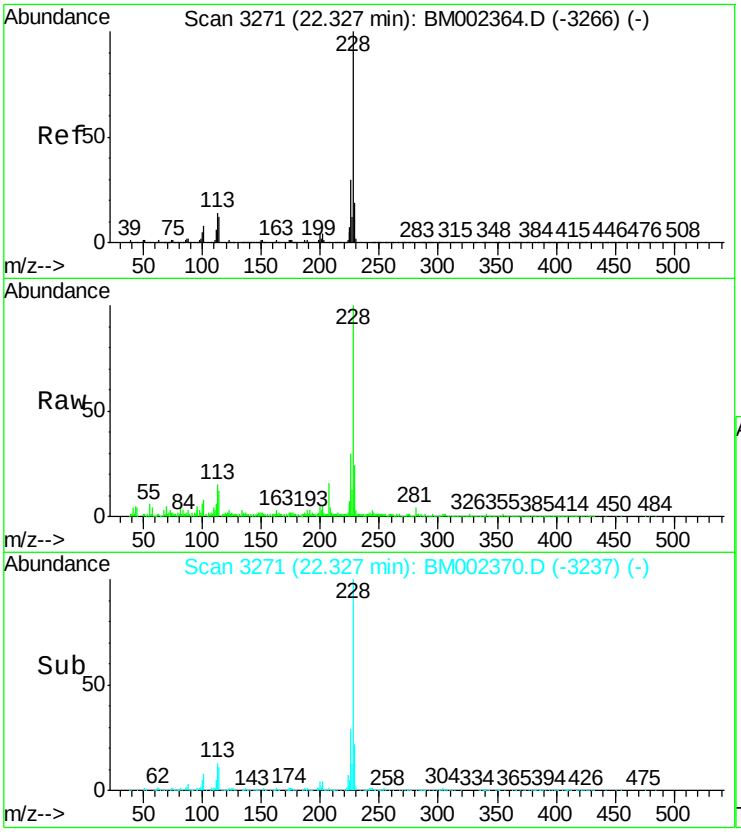


#20
Benzo(a)anthracene
Concen: 12.23 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:228 Resp: 479496

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	26.3	21.4	32.0





#21
Chrysene
Concen: 14.18 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:228 Resp: 526866

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	24.0	15.5	23.3#

Instrument :
BNA_M
ClientSampleId :
D9D00

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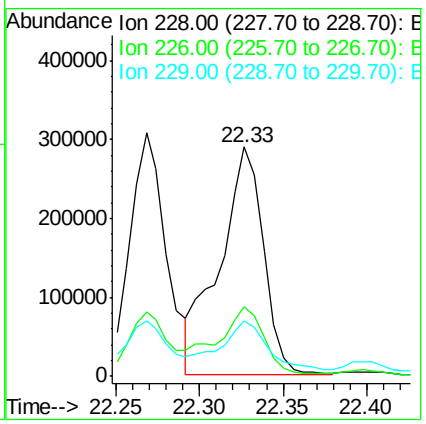
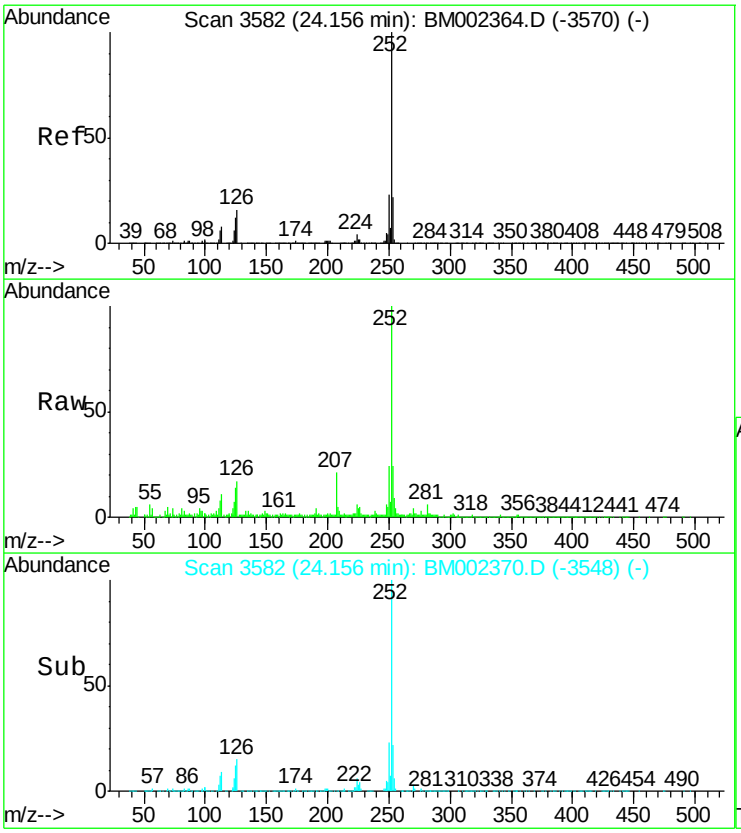
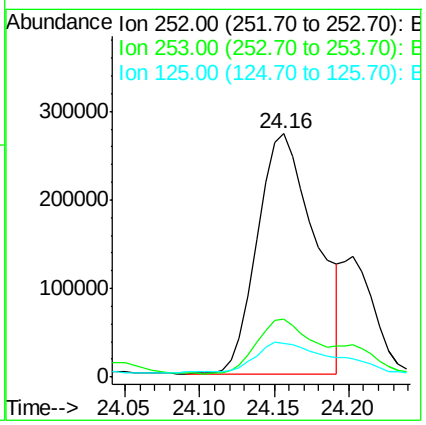


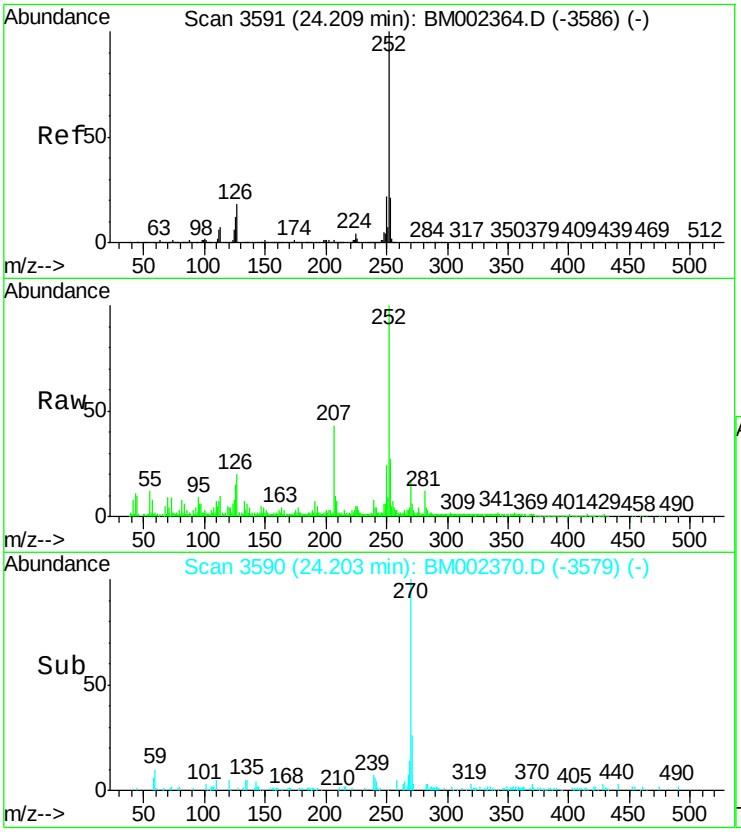


#23
Benzo(b)fluoranthene
Concen: 18.13 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:252 Resp: 730051

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.1	10.3	15.5

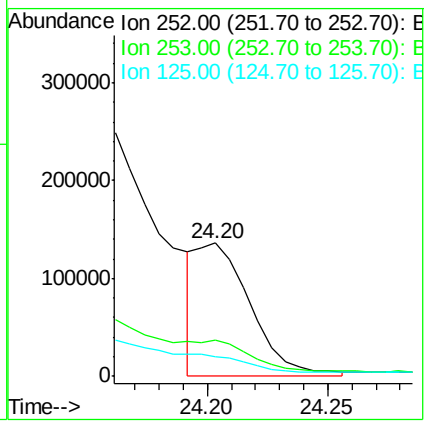




#24
Benzo(k)fluoranthene
Concen: 5.51 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:252 Resp: 213082

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	14.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9D00

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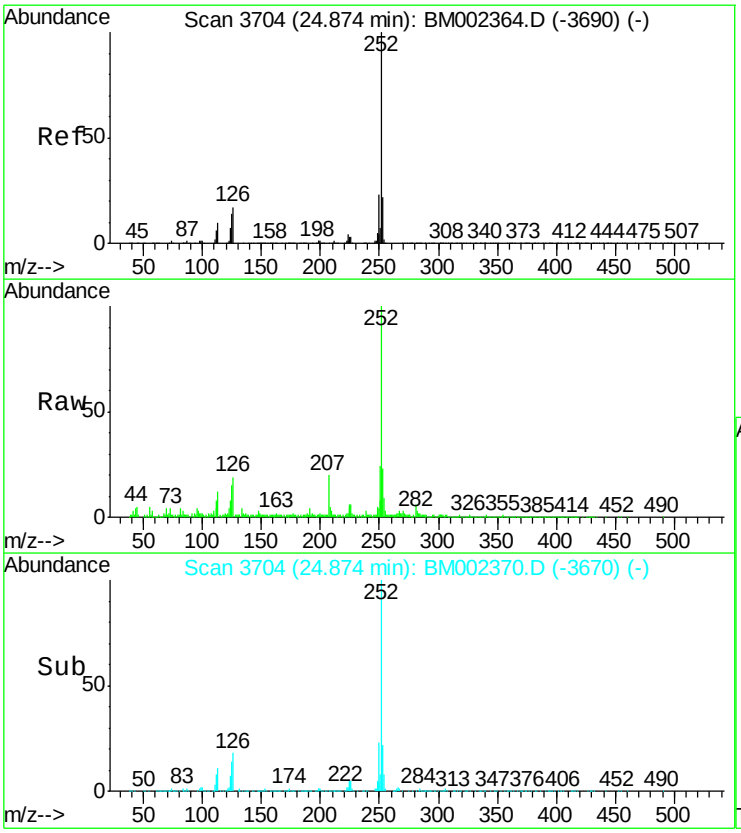
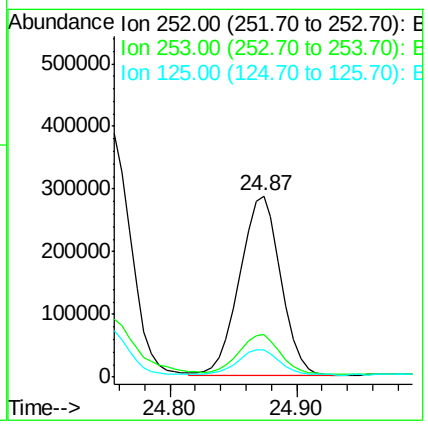
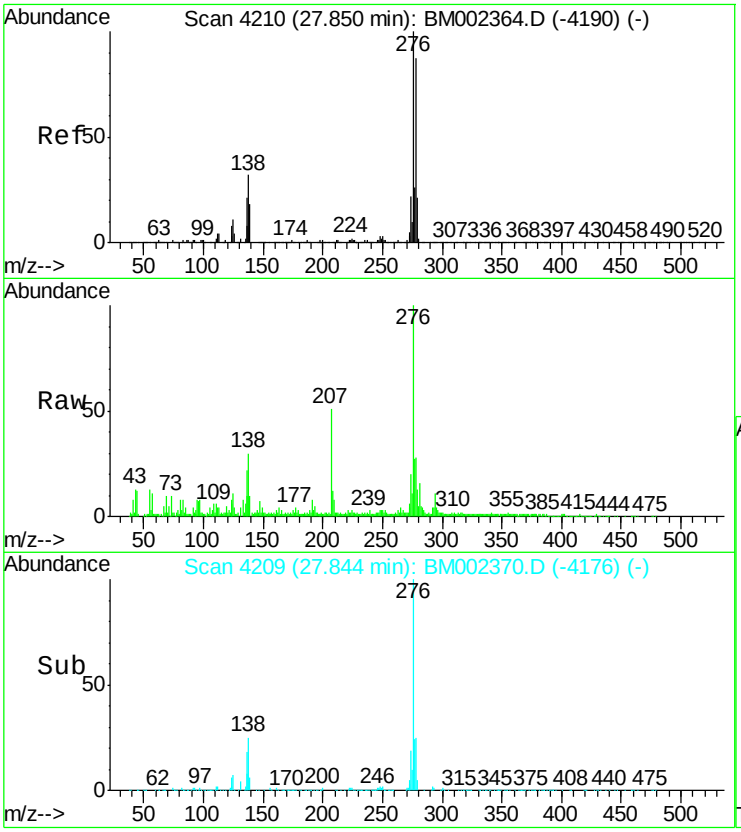


#26
Benzo(a)pyrene
Concen: 16.60 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:252 Resp: 639435

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	15.0	11.0	16.6

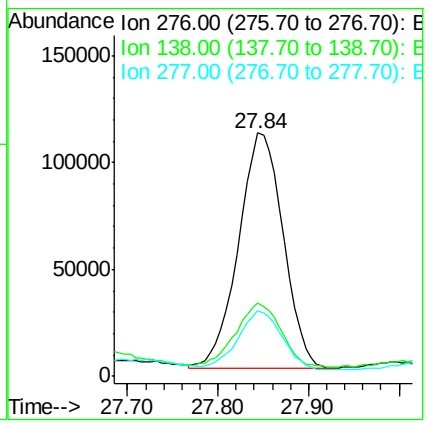




#27
Indeno(1,2,3-cd)pyrene
Concen: 8.56 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:276 Resp: 377855

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.6	38.4
277	26.8	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
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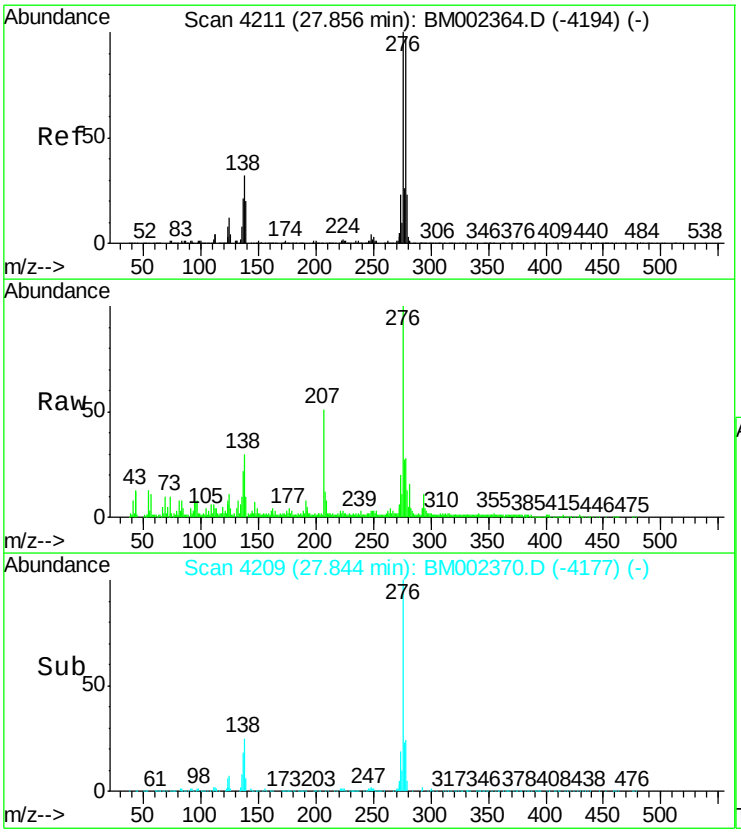
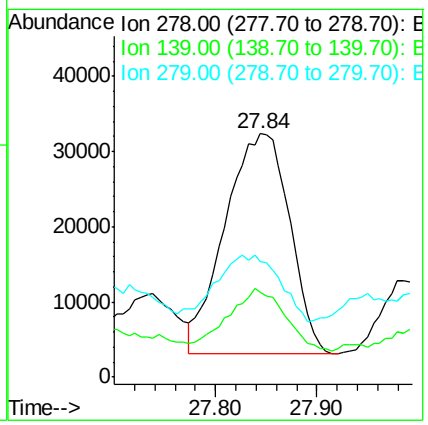
8/13/2015 10:57:59 AM

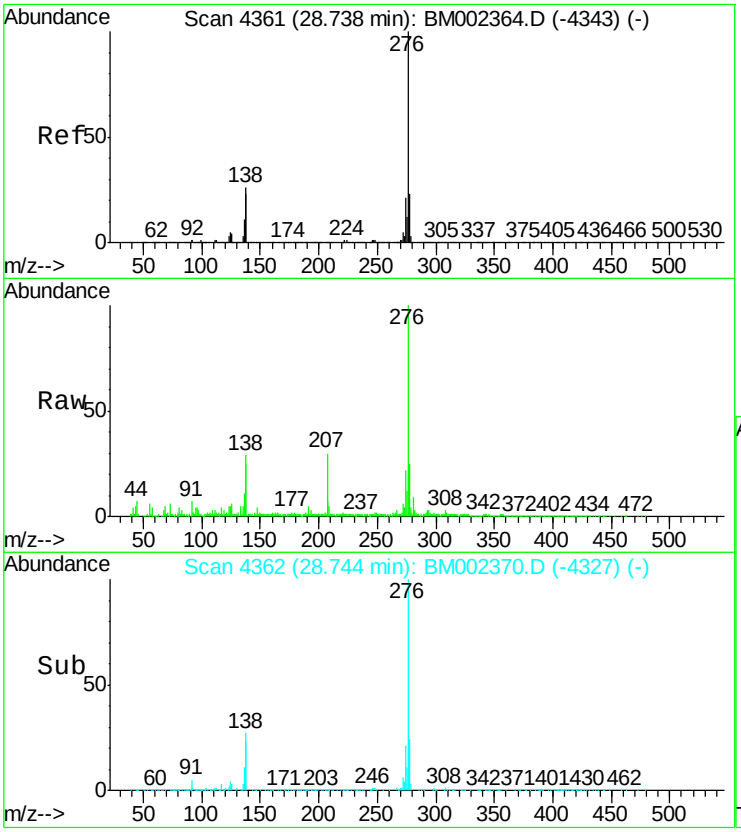


#28
Dibenzo(a,h)anthracene
Concen: 3.48 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:278 Resp: 130061

Ion	Ratio	Lower	Upper
278	100		
139	34.6	16.4	24.6#
279	47.2	18.8	28.2#

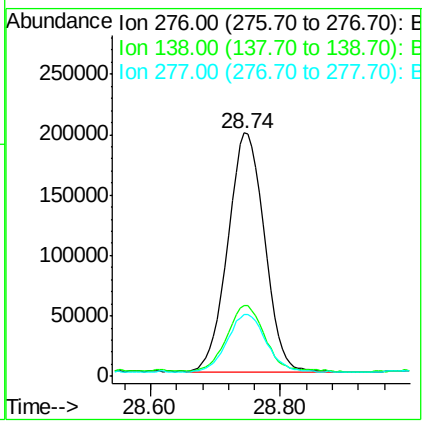




#29
Benzo(g,h,i)perylene
Concen: 20.84 ng/ul
RT: 28.74 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BM002370.D
Acq: 12 Aug 2015 20:45

Tgt Ion:276 Resp: 776547

Ion	Ratio	Lower	Upper
276	100		
138	29.3	20.5	30.7
277	25.2	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
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8/13/2015 10:57:59 AM