Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002287.D
Acq On : 08 Aug 2015 21:55
Operator : TP/UM
Sample : G3161-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C59

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:16:22 PM

Quant Time: Aug 09 06:52:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	271301	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1305802	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	685727	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1371501	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1186645	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1003880	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1437329	20.23	ng/ul	0.00
10) Fluorene-d10	16.47	176	942081	19.07	ng/ul	0.00
14) Anthracene-d10	18.30	188	1327270	19.94	ng/ul	0.00
18) Pyrene-d10	20.52	212	1273899	22.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	938215	17.60	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	119735	1.74	ng/ul	99
4) 2-Methylnaphthalene	13.39	142	103234	2.10	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	86092	1.78	ng/ul	99
13) Phenanthrene	18.25	178	543800	6.89	ng/ul	100
15) Anthracene	18.34	178	93355	1.14	ng/ul	99
16) Fluoranthene	20.19	202	1023541	11.71	ng/ul	97
19) Pyrene	20.55	202	854319	11.14	ng/ul	99
20) Benzo(a)anthracene	22.27	228	484544	6.69	ng/ul	98
21) Chrysene	22.33	228	546982m	7.97	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	745556	11.95	ng/ul	98
24) Benzo(k)fluoranthene	24.21	252	207781m	3.47	ng/ul	
26) Benzo(a)pyrene	24.87	252	449479	7.53	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	335840	4.91	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	92107	1.59	ng/ul#	80
29) Benzo(g,h,i)perylene	28.73	276	308743	5.35	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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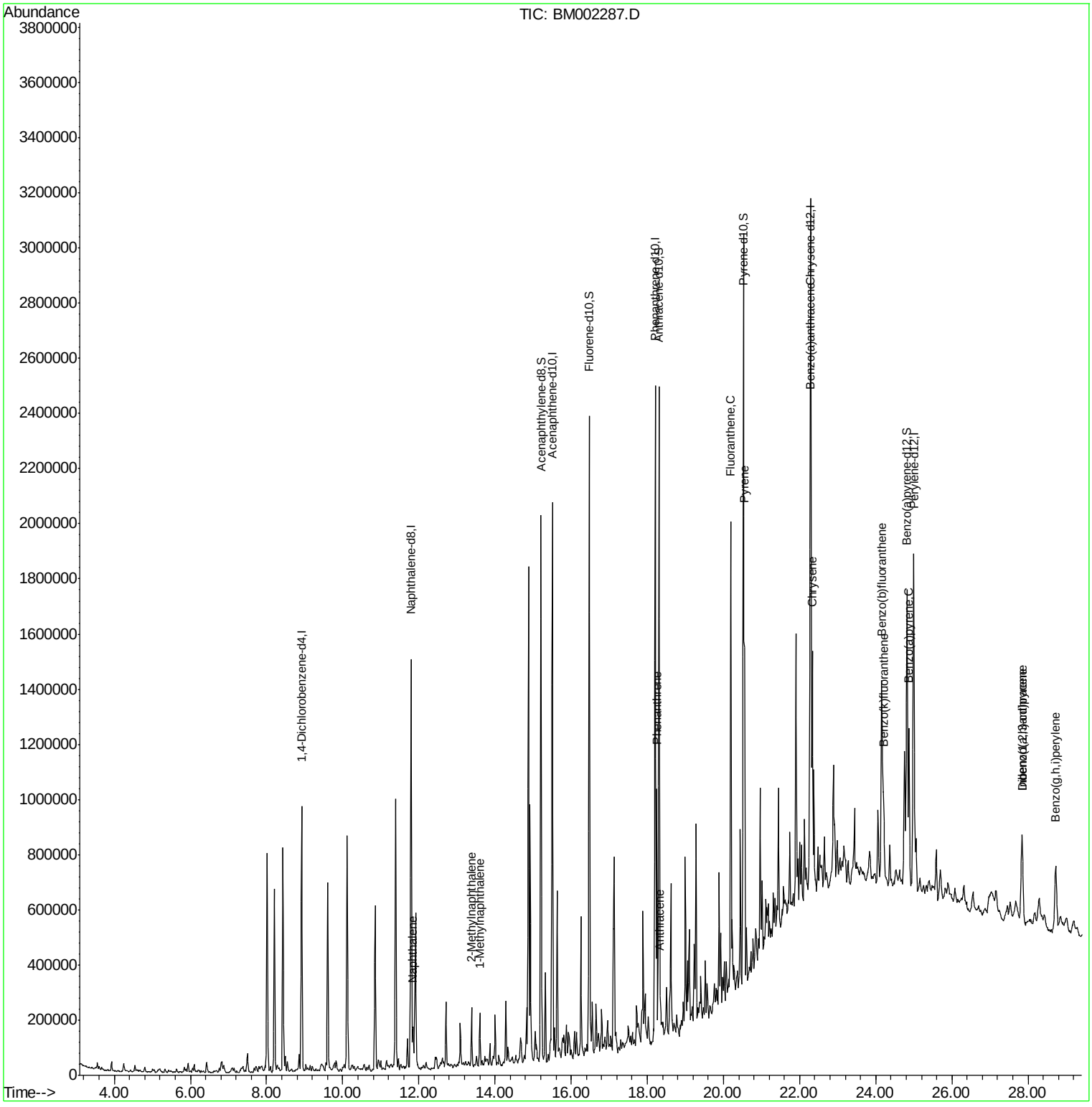
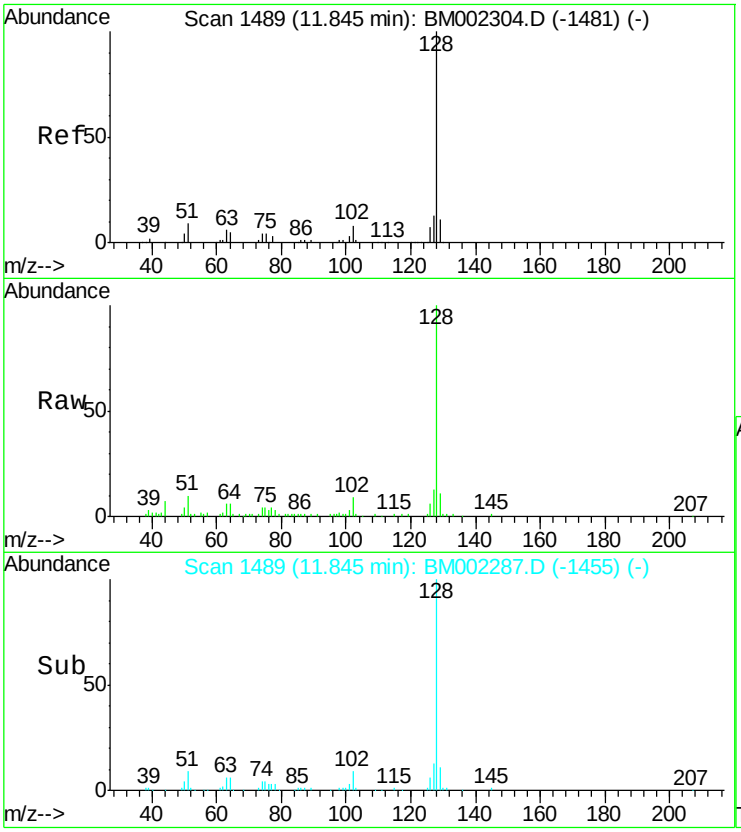
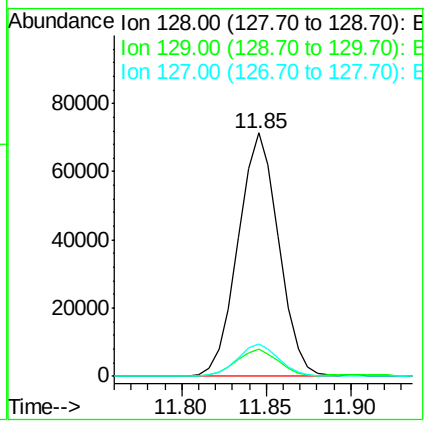




#3
Naphthalene
Concen: 1.74 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:128 Resp: 119735

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
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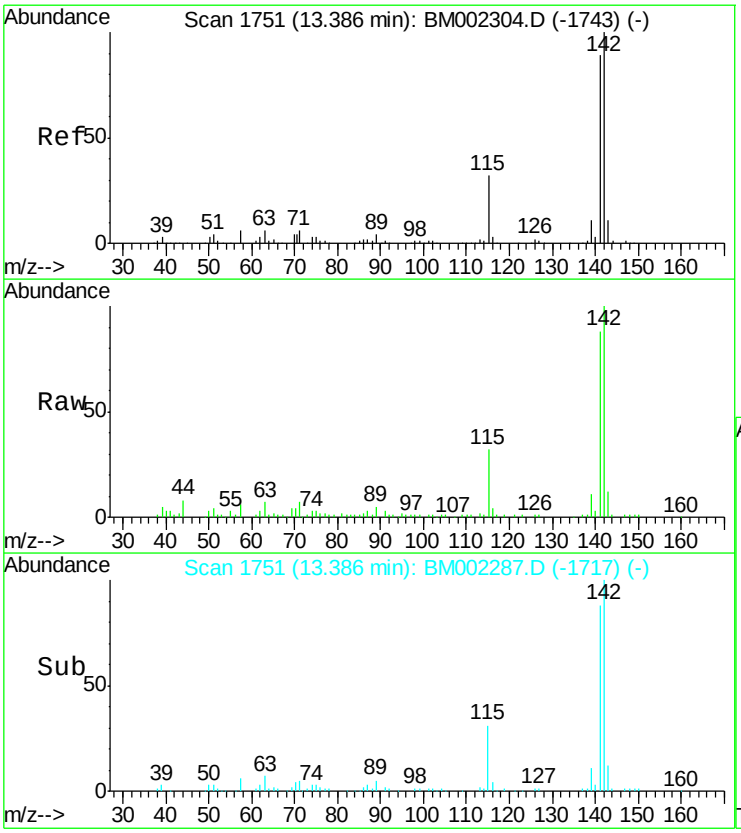
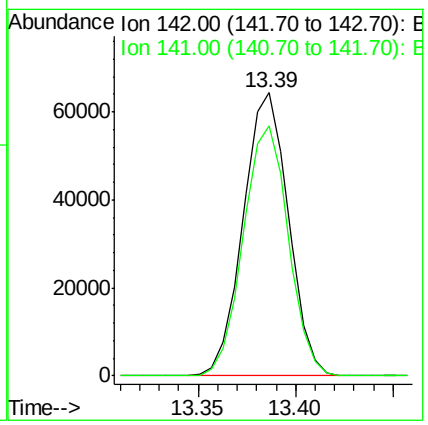
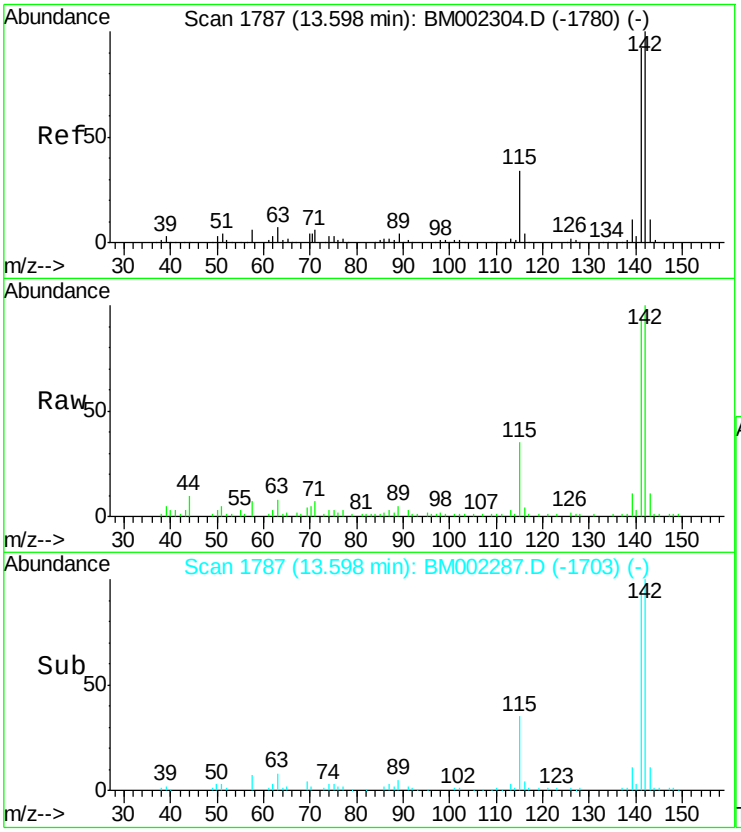


#4
2-Methylnaphthalene
Concen: 2.10 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:142 Resp: 103234

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.5	108.7

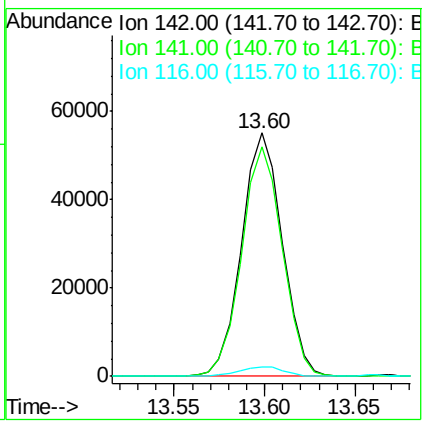




#5
1-Methylnaphthalene
Concen: 1.78 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:142 Resp: 86092

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.5	111.7
116	3.9	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
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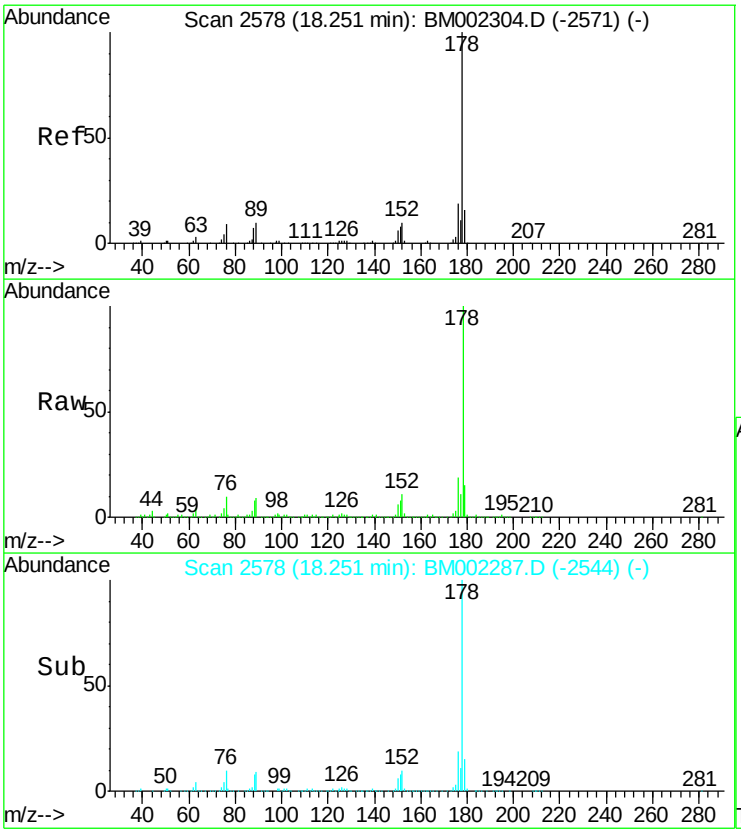
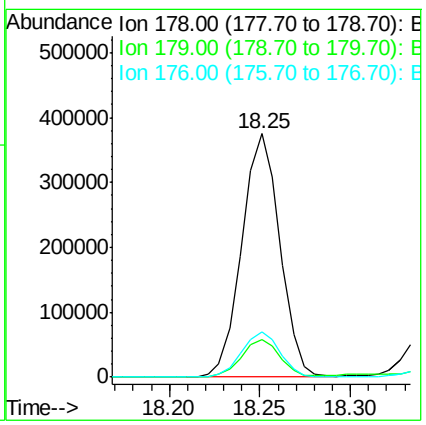
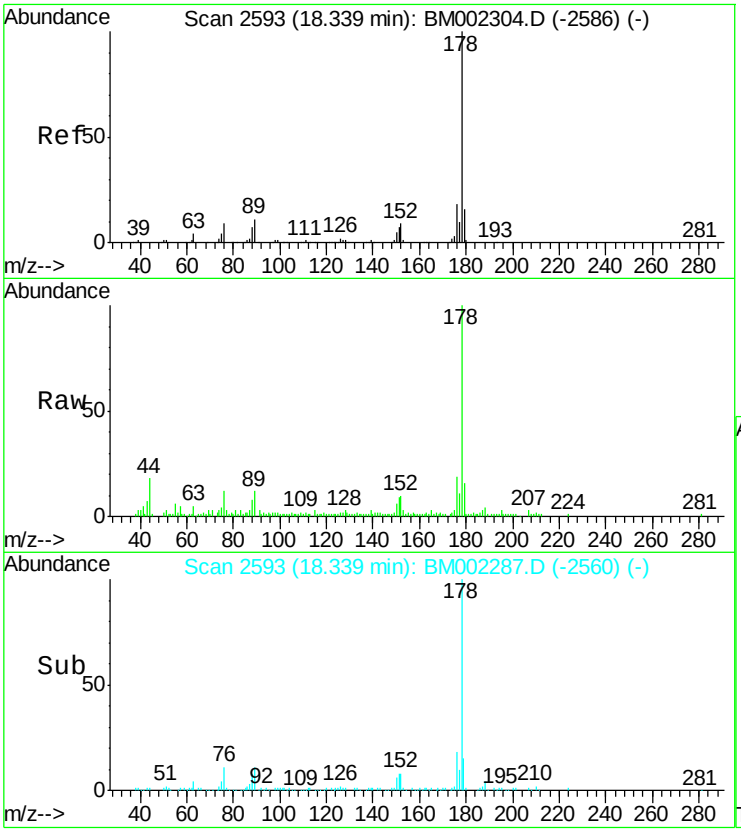


#13
Phenanthrene
Concen: 6.89 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:178 Resp: 543800

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.3	22.9

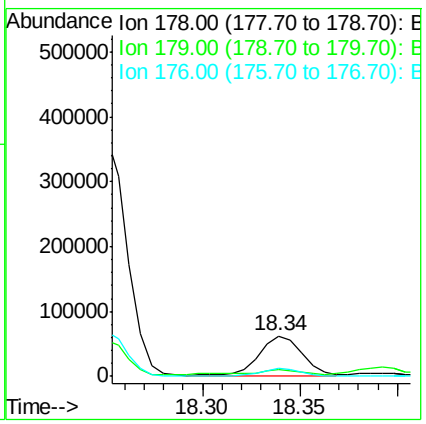




#15
Anthracene
Concen: 1.14 ng/ul
RT: 18.34 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:178 Resp: 93355

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.8	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
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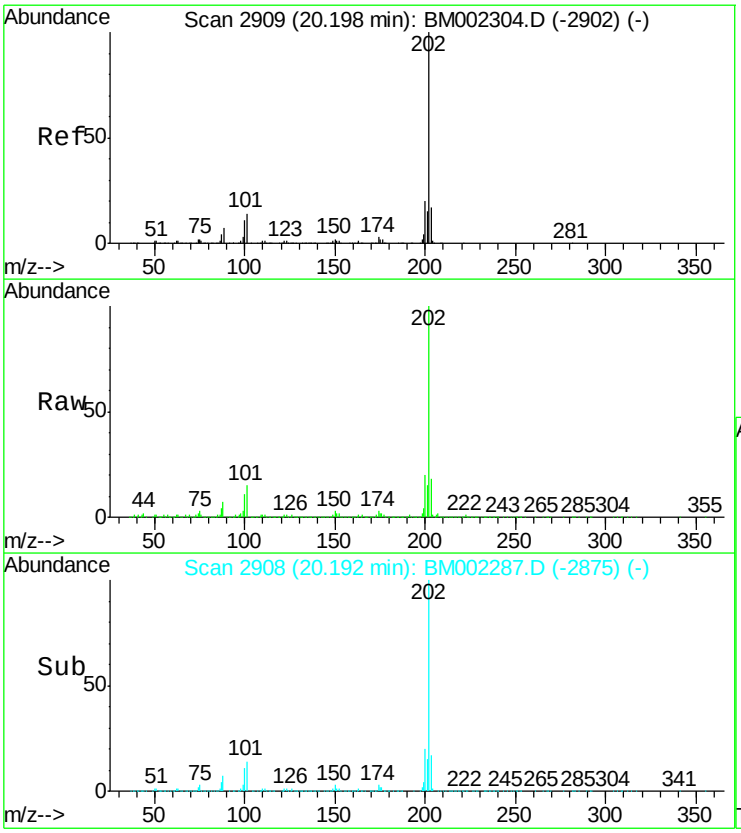
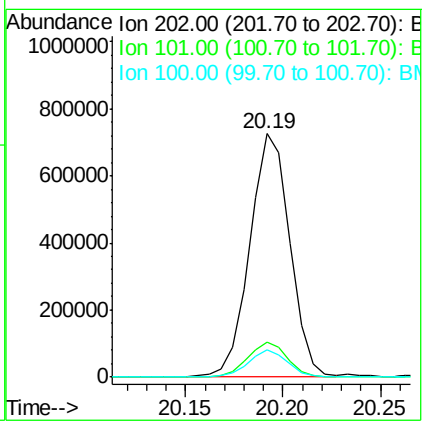
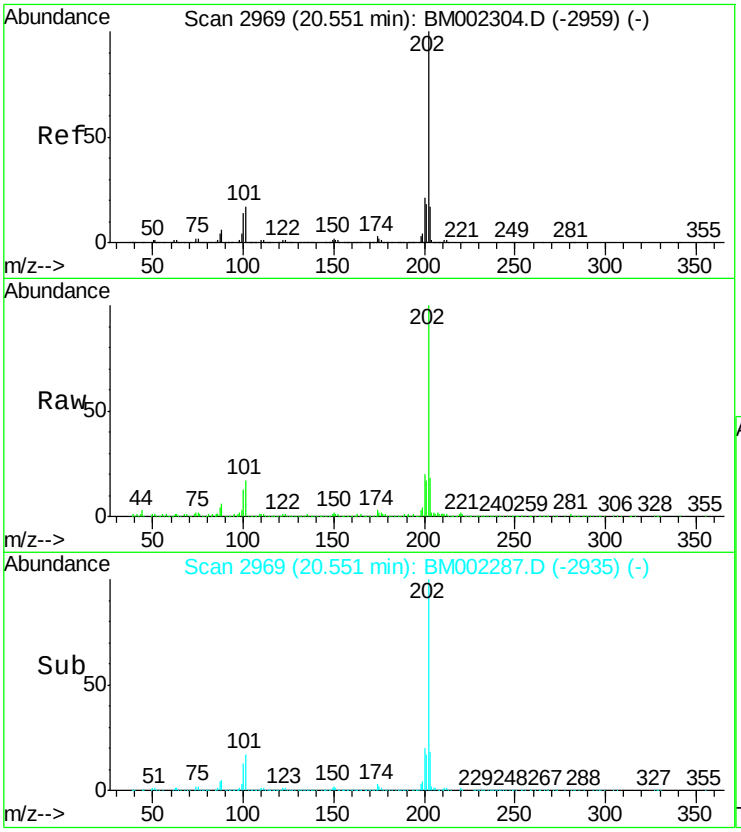


#16
Fluoranthene
Concen: 11.71 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:202 Resp: 1023541

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.6	15.8
100	11.0	8.2	12.4

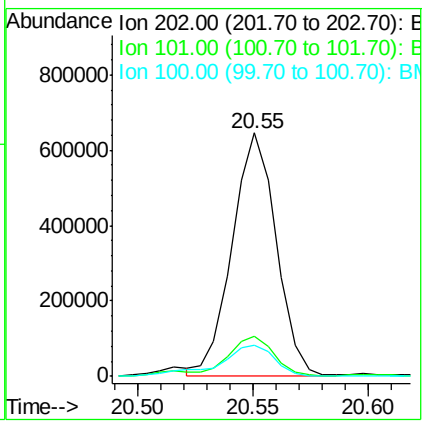




#19
Pyrene
Concen: 11.14 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:202 Resp: 854319

Ion	Ratio	Lower	Upper
202	100		
101	16.6	13.0	19.6
100	13.0	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
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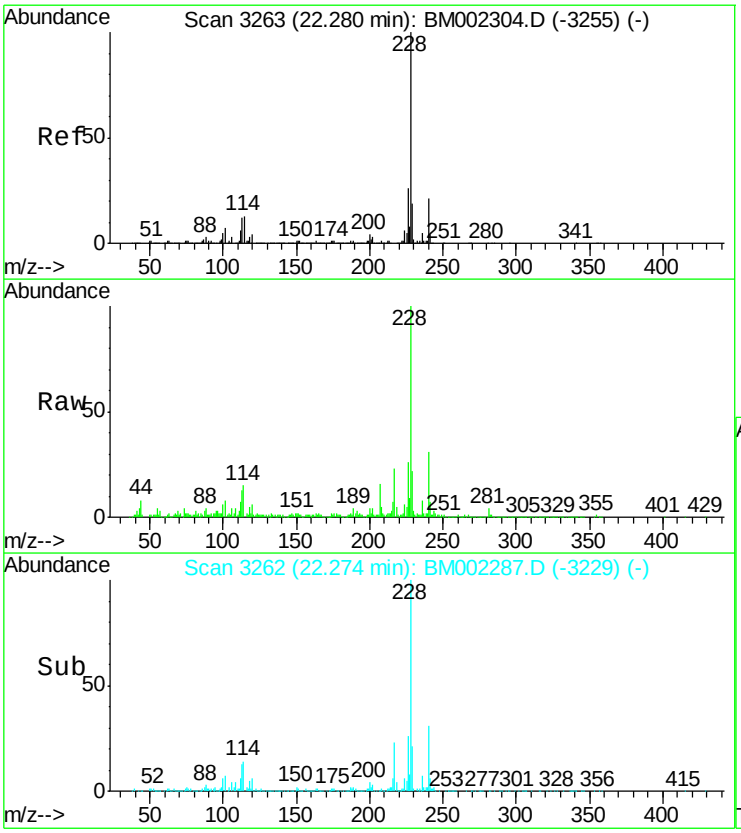
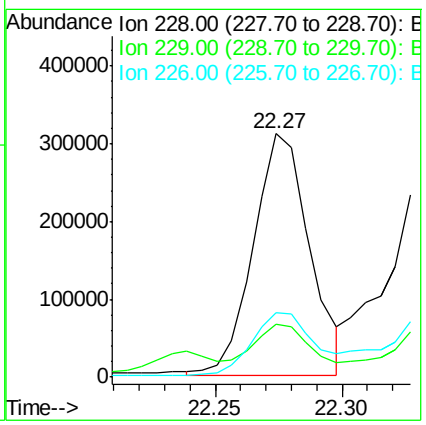
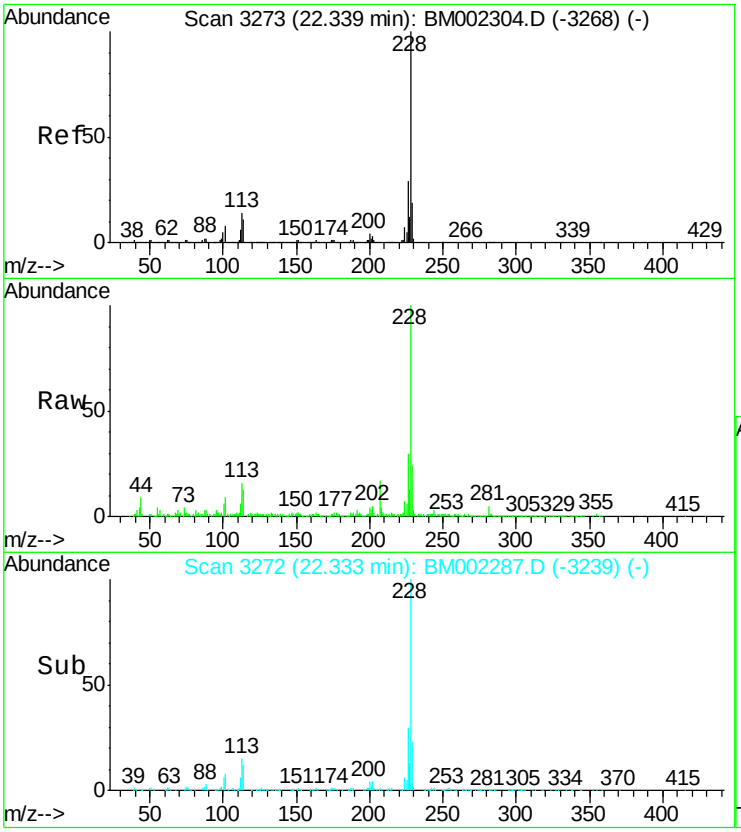


#20
Benzo(a)anthracene
Concen: 6.69 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:228 Resp: 484544

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	26.4	21.4	32.0





#21
Chrysene
Concen: 7.97 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:228 Resp: 546982

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	24.3	15.5	23.3#

Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
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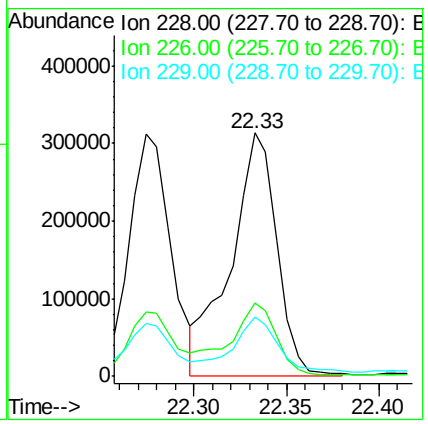
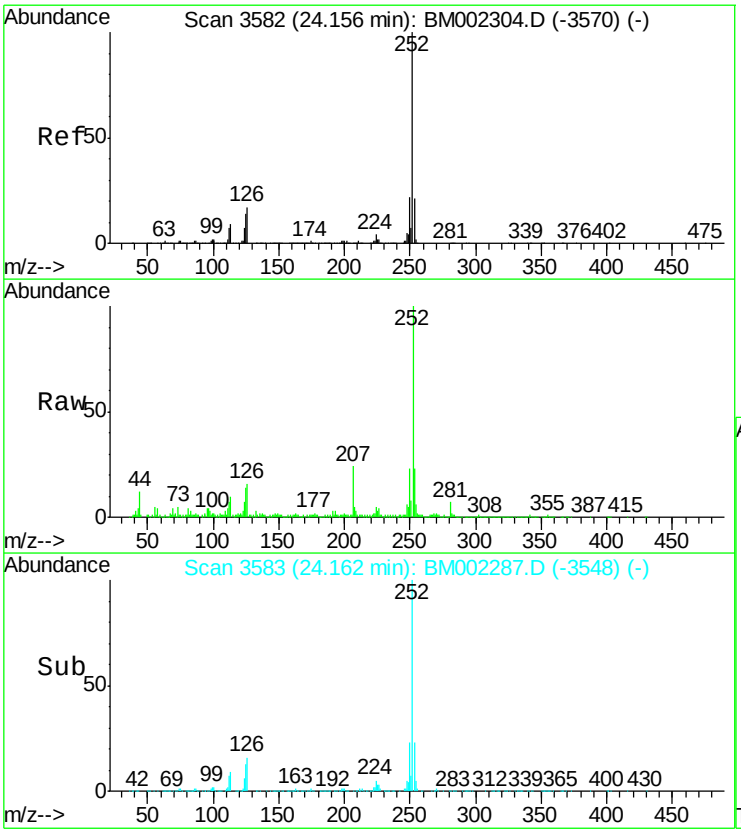
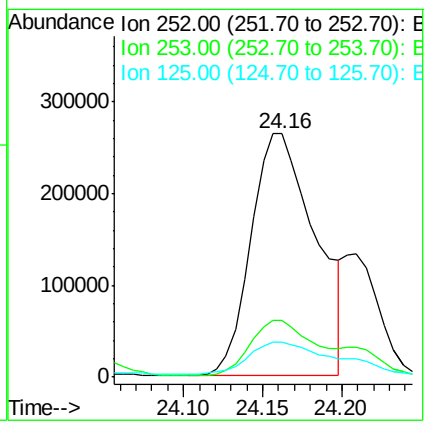


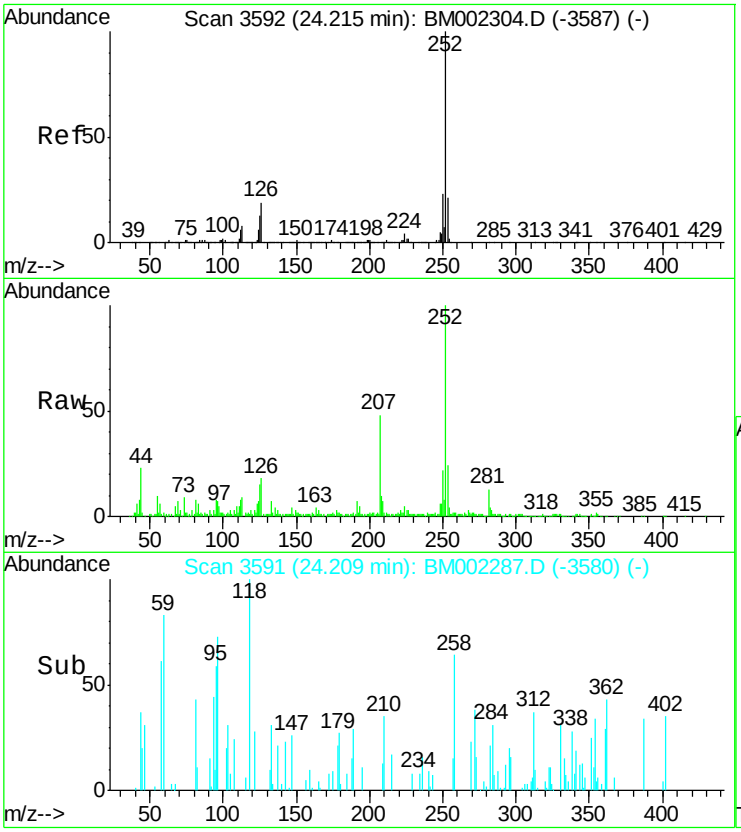


#23
Benzo(b)fluoranthene
Concen: 11.95 ng/ul
RT: 24.16 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:252 Resp: 745556

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.4	10.3	15.5

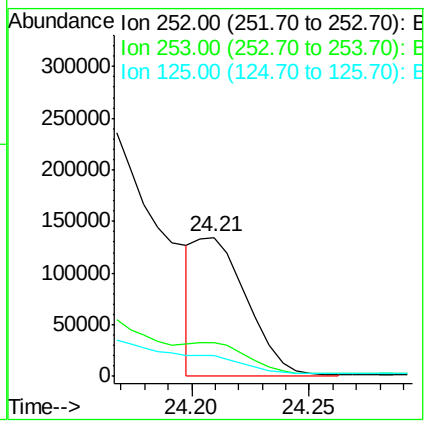




#24
Benzo(k)fluoranthene
Concen: 3.47 ng/ul m
RT: 24.21 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:252 Resp: 207781

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	14.6	10.2	15.4



Instrument :
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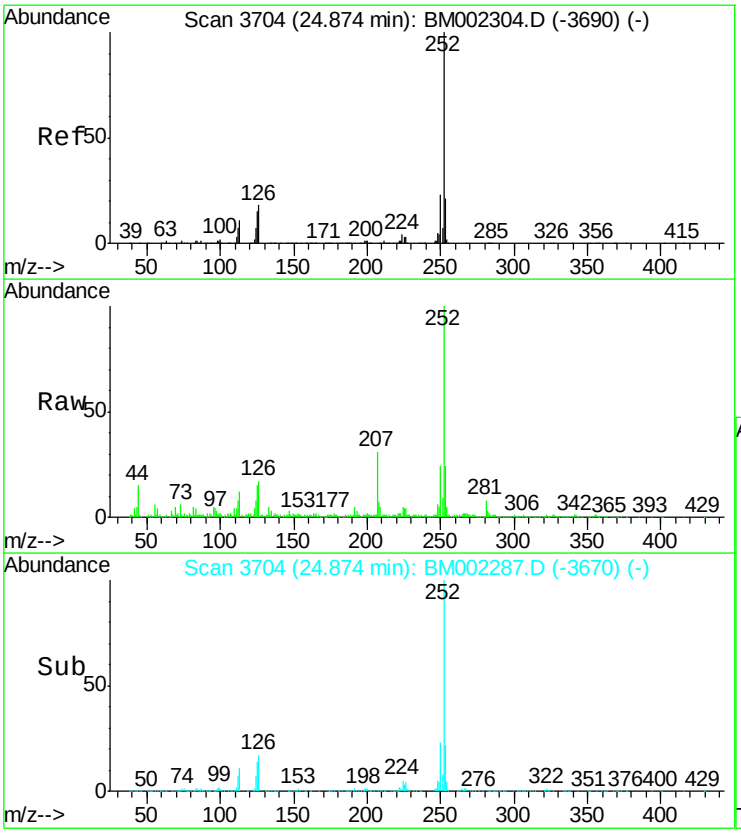
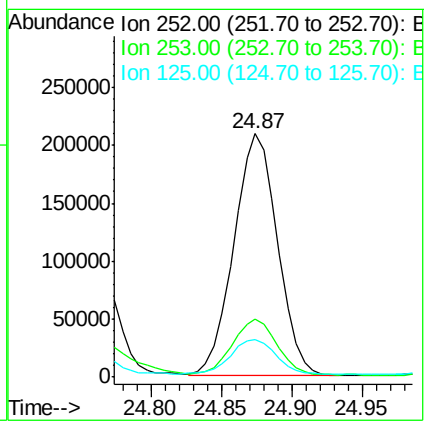
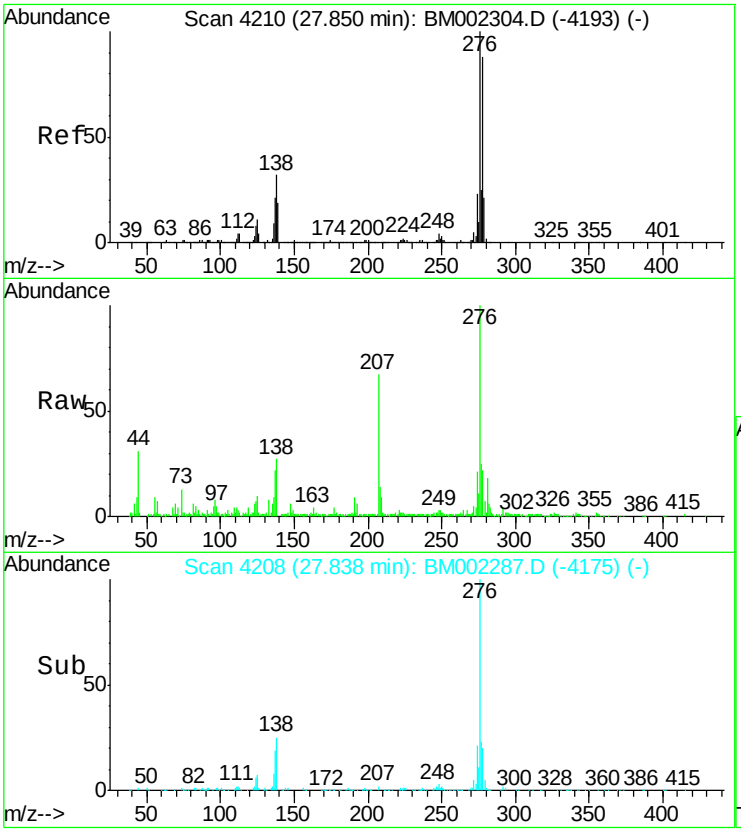


#26
Benzo(a)pyrene
Concen: 7.53 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:252 Resp: 449479

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	15.3	11.0	16.6

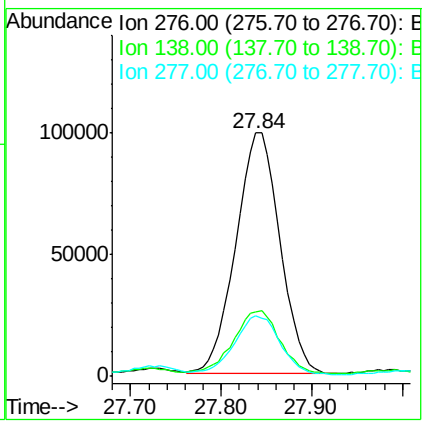




#27
Indeno(1,2,3-cd)pyrene
Concen: 4.91 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

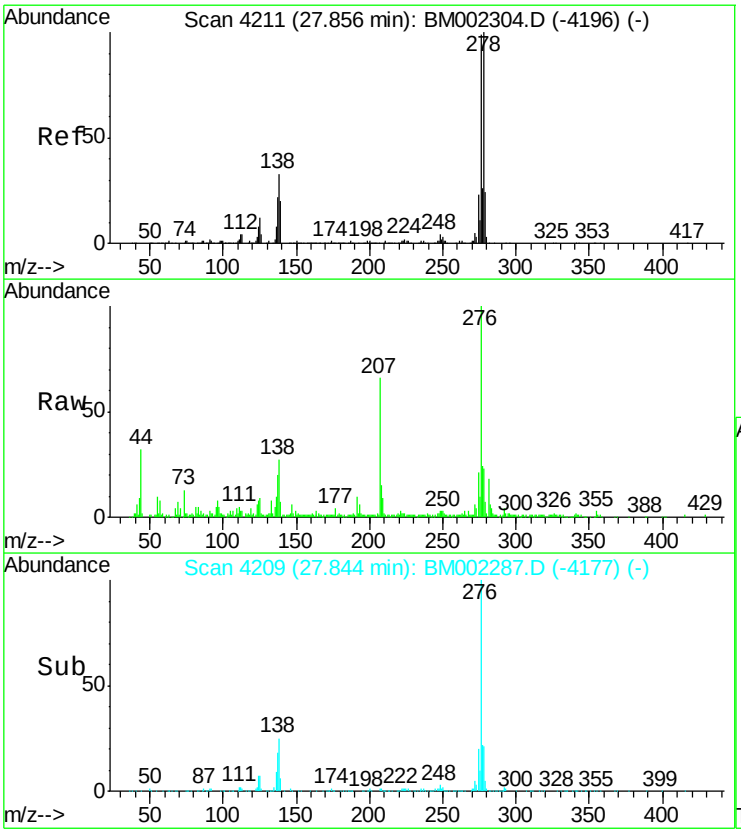
Tgt Ion:276 Resp: 335840

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	25.0	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9C59

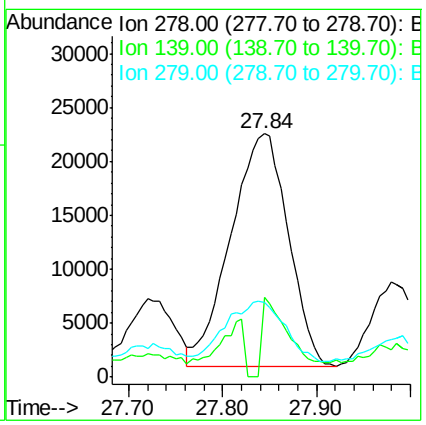
Manual Integrations APPROVED
MMDadoda
8/10/2015 7:16:22 PM

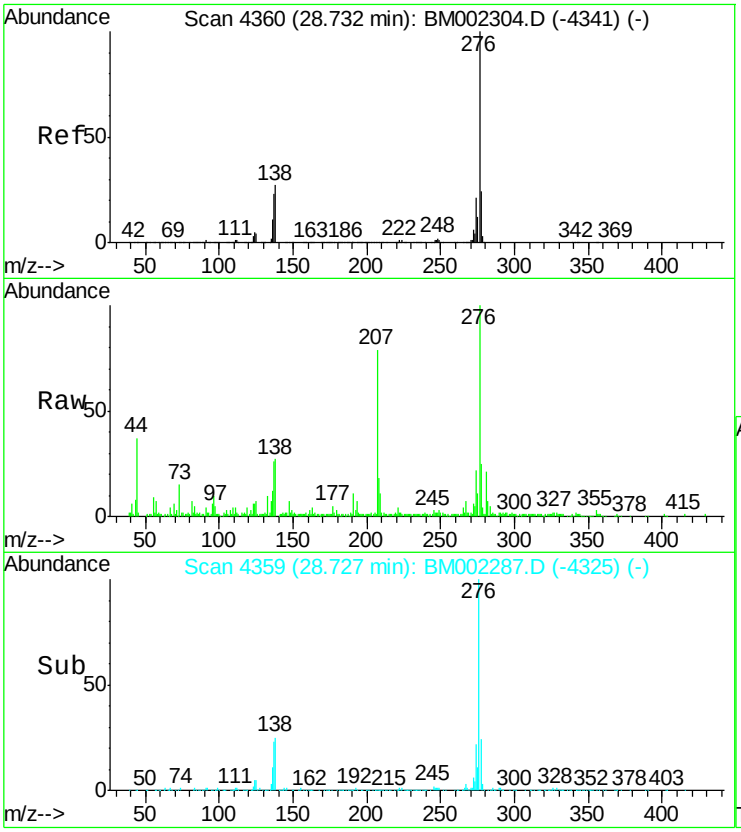


#28
Dibenzo(a,h)anthracene
Concen: 1.59 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:278 Resp: 92107

Ion	Ratio	Lower	Upper
278	100		
139	32.8	16.4	24.6#
279	30.4	18.8	28.2#

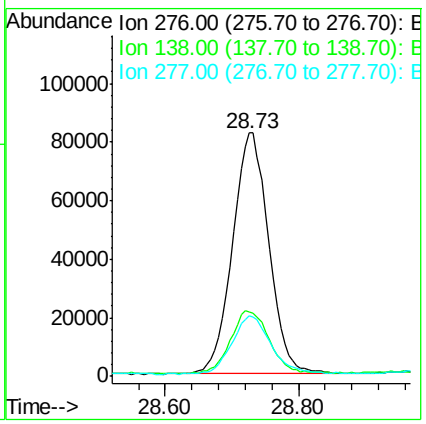




#29
Benzo(g,h,i)perylene
Concen: 5.35 ng/ul
RT: 28.73 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BM002287.D
Acq: 08 Aug 2015 21:55

Tgt Ion:276 Resp: 308743

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.5	30.7
277	24.7	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
D9C59

Manual Integrations APPROVED
MMDadoda
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