Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002467.D
Acq On : 18 Aug 2015 00:51
Operator : UM/IZ
Sample : G3227-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DD6

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:18:59 PM

Quant Time: Aug 18 04:01:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	143816	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	653693	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	333323	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	607749	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	413418	20.00	ng/ul	0.00
22) Perylene-d12	24.92	264	405480	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	584206	17.14	ng/ul	0.00
10) Fluorene-d10	16.43	176	383514	16.02	ng/ul	0.00
14) Anthracene-d10	18.26	188	495336	16.90	ng/ul	0.00
18) Pyrene-d10	20.48	212	372011	20.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	260590	12.23	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.21	178	58231	1.66	ng/ul	98
16) Fluoranthene	20.15	202	105355	2.65	ng/ul	97
19) Pyrene	20.51	202	94295	3.89	ng/ul	99
20) Benzo(a)anthracene	22.23	228	55873	2.26	ng/ul#	93
21) Chrysene	22.29	228	59042	2.55	ng/ul#	91
23) Benzo(b)fluoranthene	24.09	252	86151	3.51	ng/ul#	90
24) Benzo(k)fluoranthene	24.14	252	30442m	1.31	ng/ul	
26) Benzo(a)pyrene	24.80	252	57487	2.46	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	27.76	276	44576	1.66	ng/ul	96
29) Benzo(g,h,i)perylene	28.64	276	62650	2.80	ng/ul#	92

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

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Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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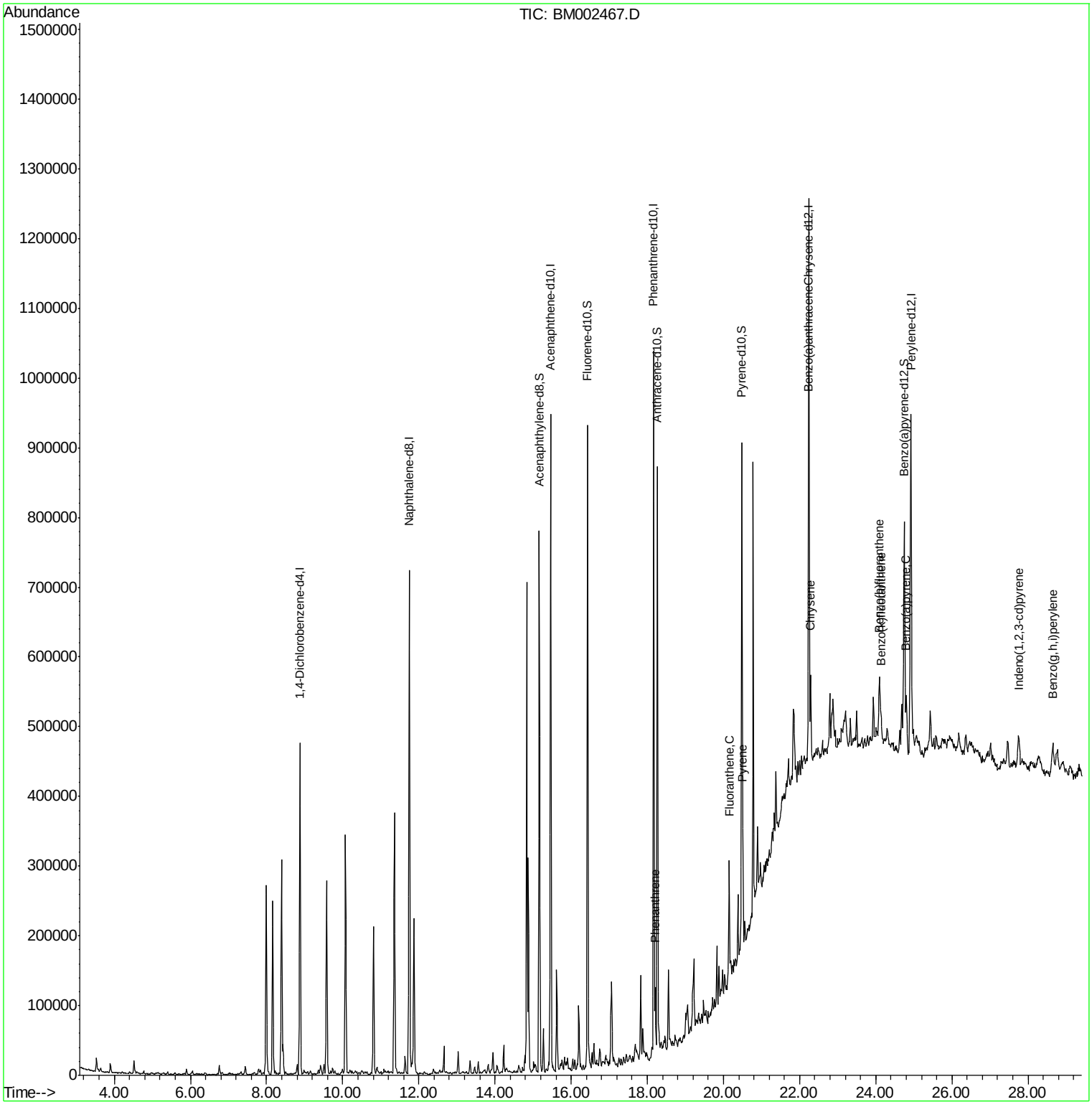
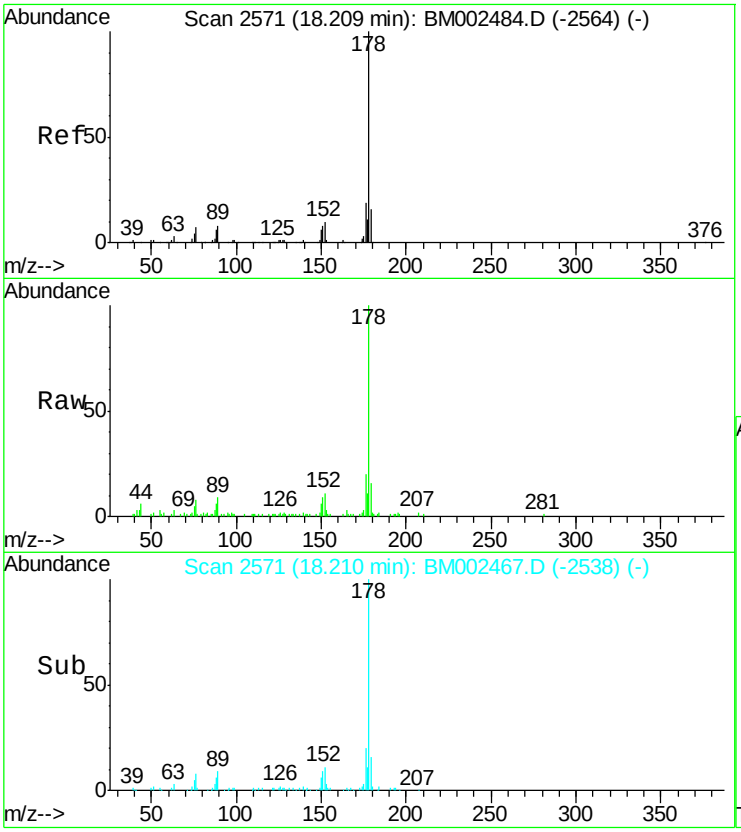
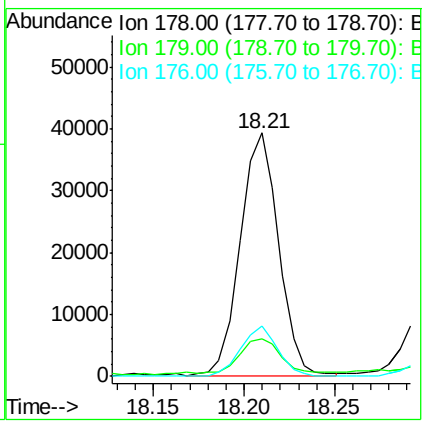




#13
Phenanthrene
Concen: 1.66 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:178 Resp: 58231

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.4	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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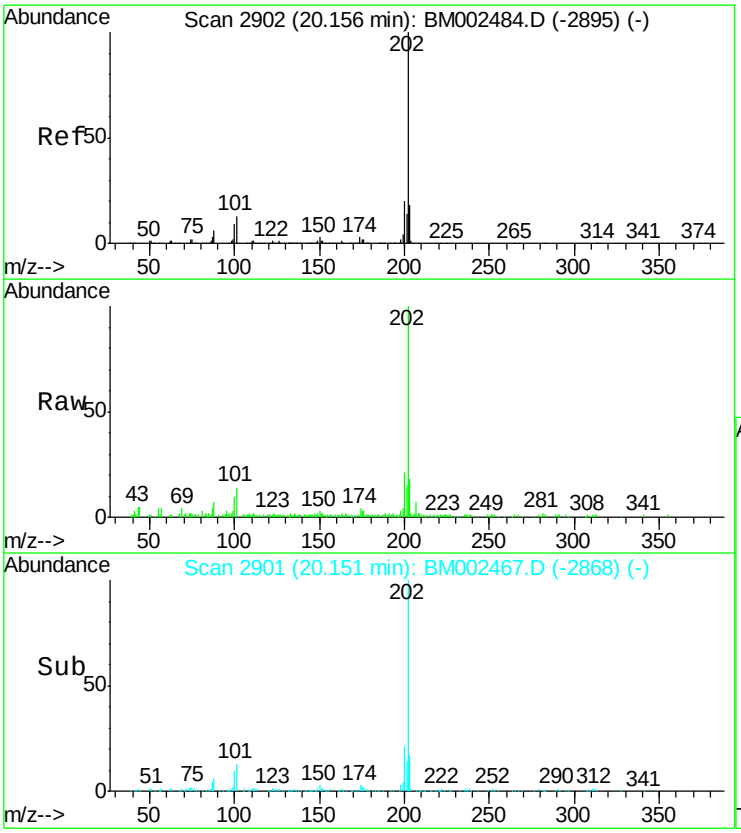
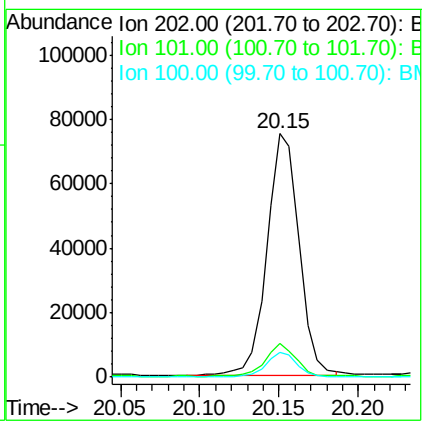
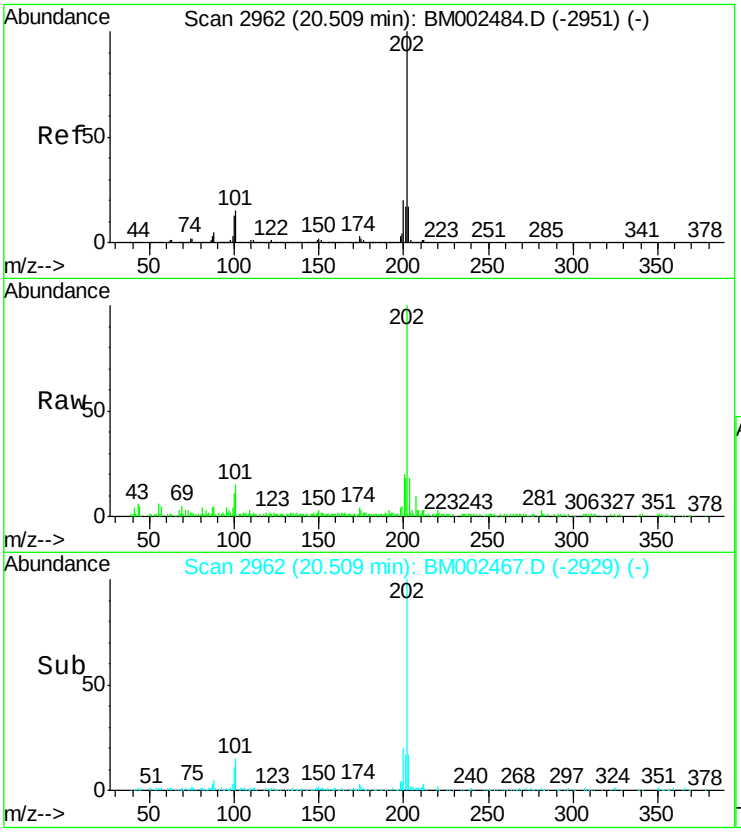


#16
Fluoranthene
Concen: 2.65 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:202 Resp: 105355

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.1	7.4	11.2





#19
Pyrene
Concen: 3.89 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:202 Resp: 94295

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	11.4	9.7	14.5

Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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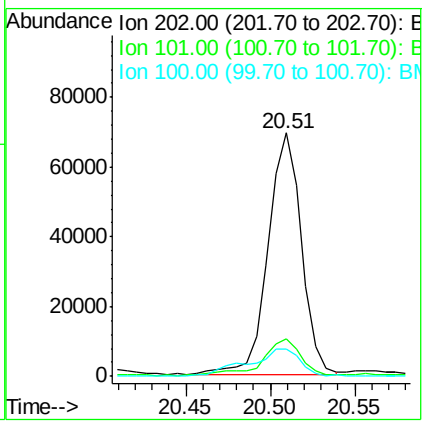
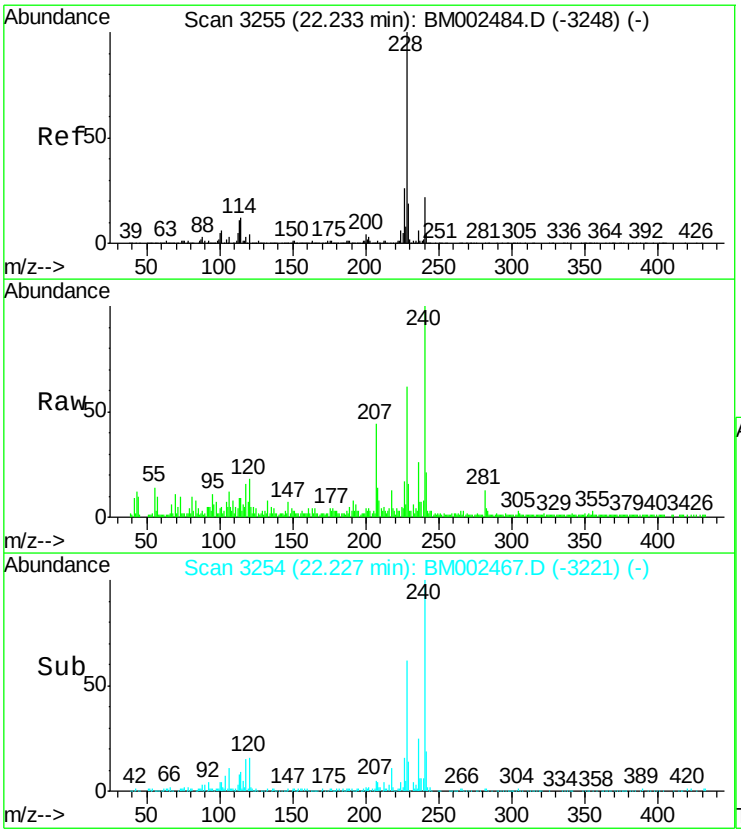
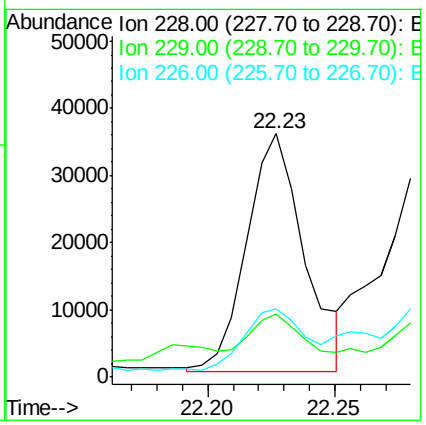


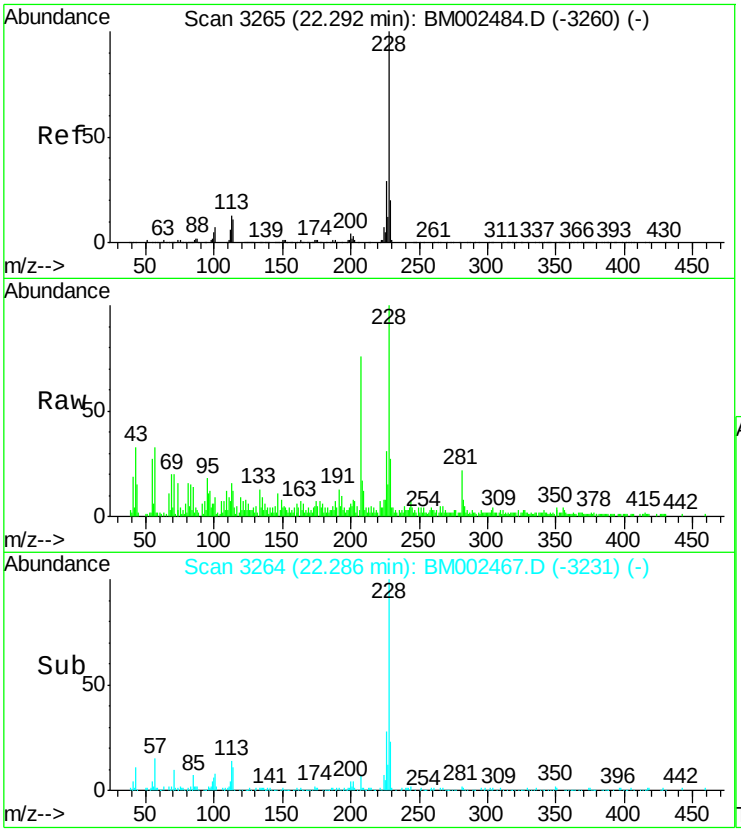


#20
Benzo(a)anthracene
Concen: 2.26 ng/ul
RT: 22.23 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:228 Resp: 55873

Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.8	23.6#
226	27.9	21.1	31.7





#21
Chrysene
Concen: 2.55 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:228 Resp: 59042

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	27.3	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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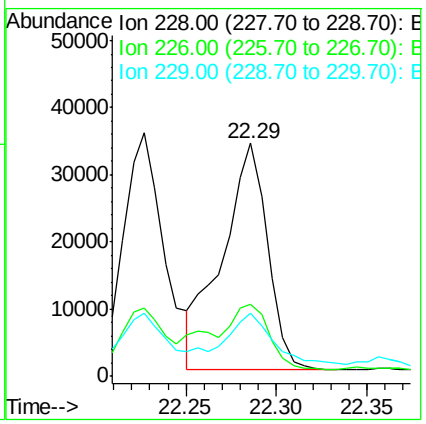
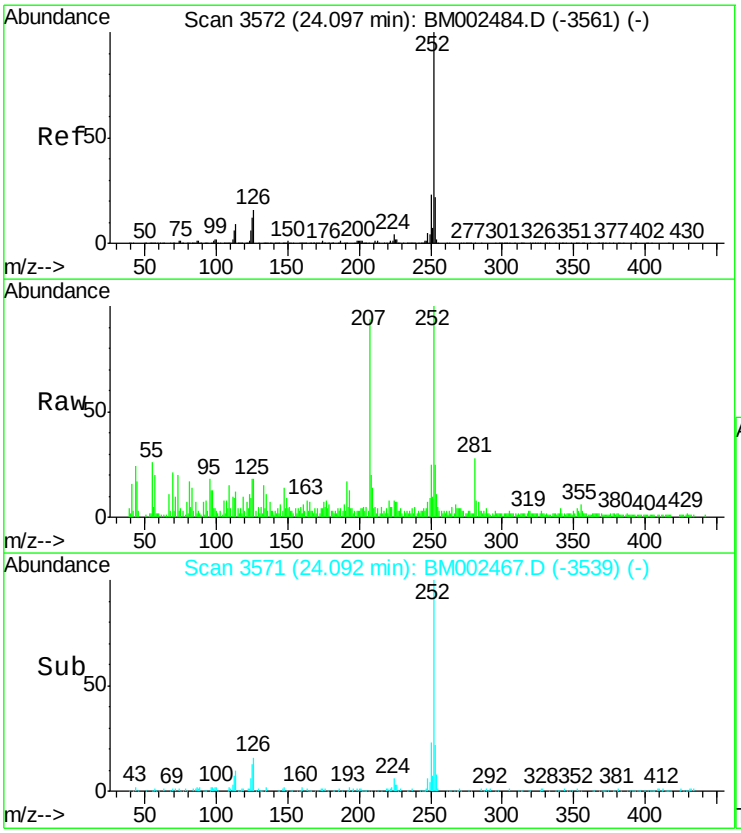
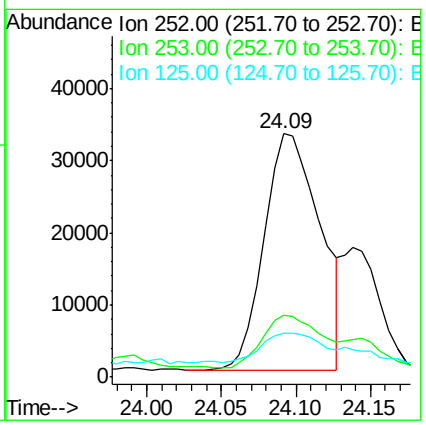


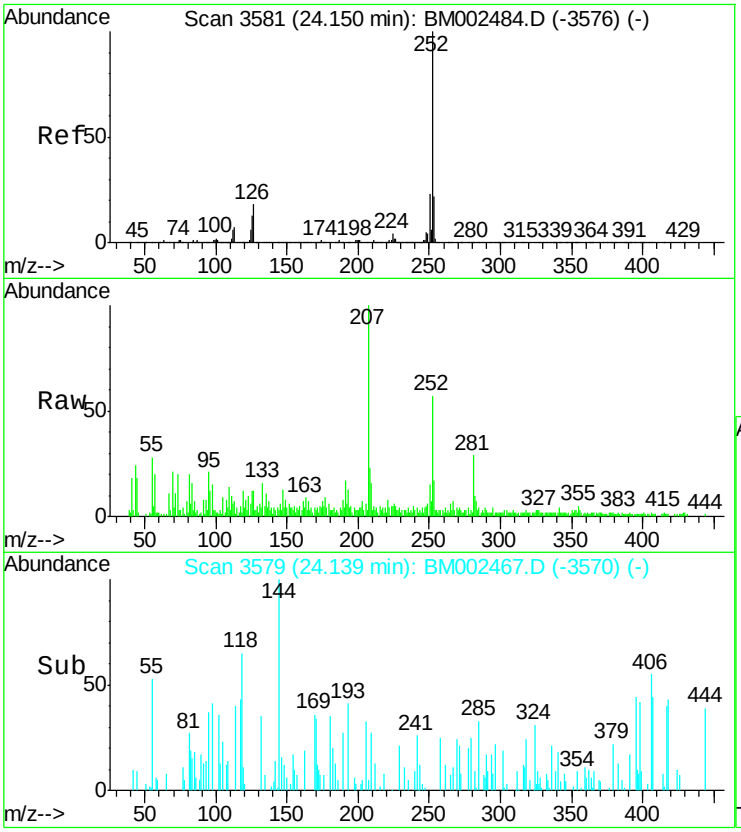


#23
Benzo(b)fluoranthene
Concen: 3.51 ng/ul
RT: 24.09 min Scan# 3571
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:252 Resp: 86151

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	18.2	10.0	15.0#





#24
Benzo(k)fluoranthene
Concen: 1.31 ng/ul m
RT: 24.14 min Scan# 3579
Delta R.T. -0.02 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:252 Resp: 30442

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.6#
125	21.4	9.8	14.8#

Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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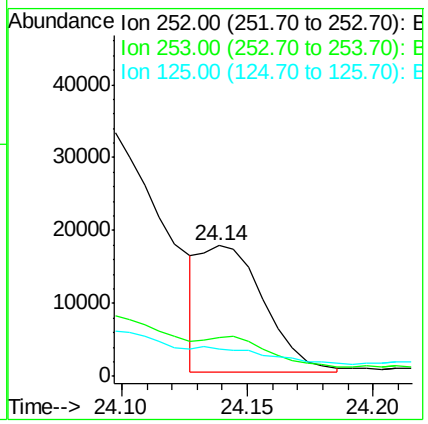
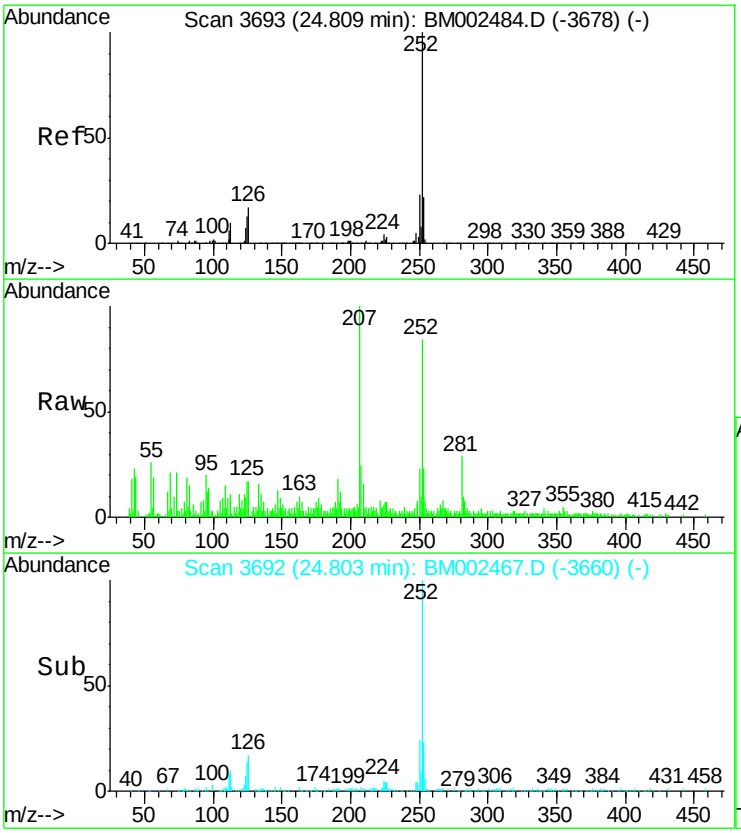
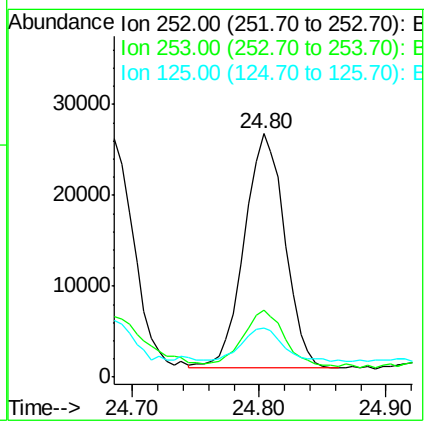


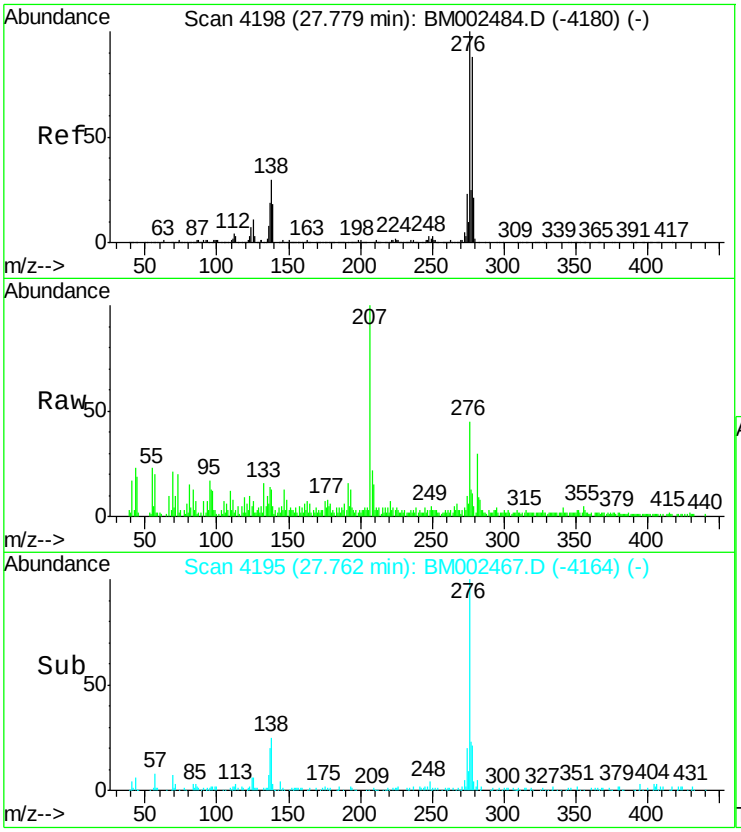


#26
Benzo(a)pyrene
Concen: 2.46 ng/ul
RT: 24.80 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:252 Resp: 57487

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.6	26.4#
125	20.3	10.7	16.1#

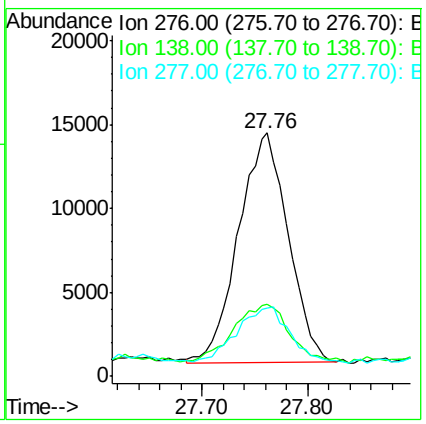




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.66 ng/ul
RT: 27.76 min Scan# 4195
Delta R.T. -0.02 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:276 Resp: 44576

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.3	37.9
277	28.2	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9DD6

Manual Integrations APPROVED
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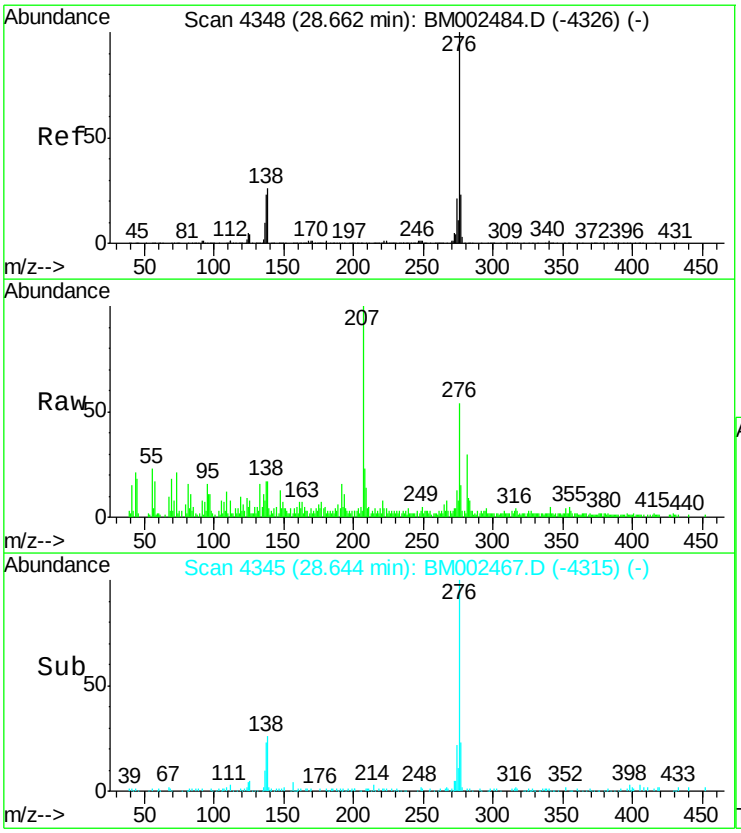

#29
Benzo(g,h,i)perylene
Concen: 2.80 ng/ul
RT: 28.64 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion:276 Resp: 62650

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