Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006293.D
Acq On : 06 Jul 2016 21:27
Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TV6MS

Manual Integrations APPROVED
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Quant Time: Jul 07 11:15:43 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4624	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18175	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10386	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	21853m	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	14374	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	10821m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7962	4.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6360	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	13273	0.29	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1332	0.03	ng/ul#	79
7) 2-Methylnaphthalene	12.09	142	657	0.02	ng/ul	97
9) Acenaphthylene	14.01	152	2920	0.08	ng/ul#	94
10) Acenaphthene	14.35	153	9299	0.27	ng/ul	89
11) Fluorene	15.34	166	1655	0.04	ng/ul#	79
13) Pentachlorophenol	16.70	266	1596	0.47	ng/ul	96
14) Phenanthrene	17.07	178	43957m	0.73	ng/ul	
15) Anthracene	17.16	178	8032	0.14	ng/ul#	89
17) Fluoranthene	19.10	202	88274	1.32	ng/ul	98
19) Pyrene	19.48	202	93367	1.55	ng/ul#	91
20) Benzo(a)anthracene	21.21	228	29221	0.63	ng/ul#	88
21) Chrysene	21.27	228	30912	0.68	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	36628m	0.95	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	12216m	0.34	ng/ul	
25) Benzo(a)pyrene	23.35	252	26800m	0.74	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.65	276	18341m	0.46	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	4650m	0.15	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	17561m	0.52	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006293.D
Acq On : 06 Jul 2016 21:27
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 07 11:15:43 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
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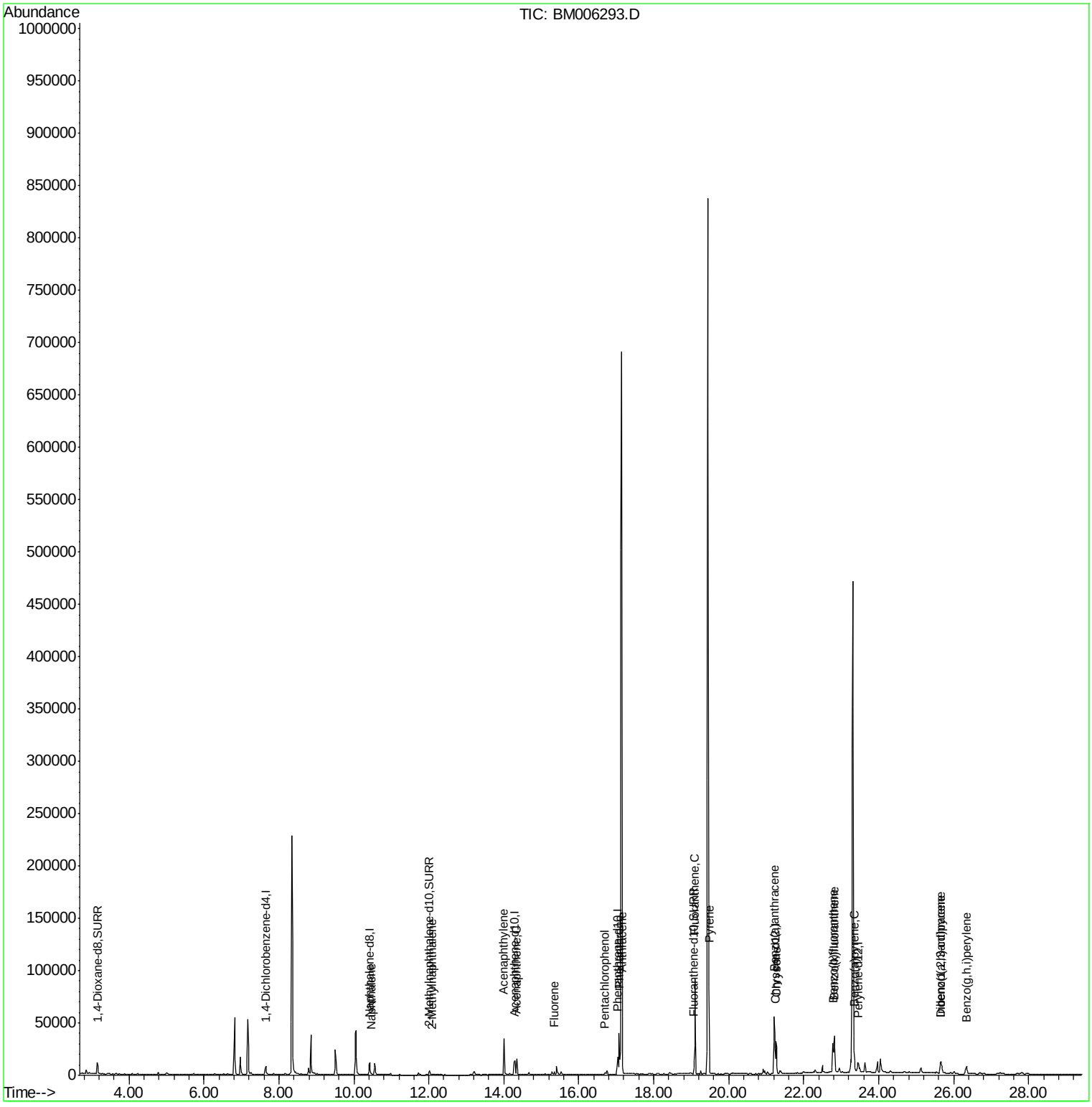
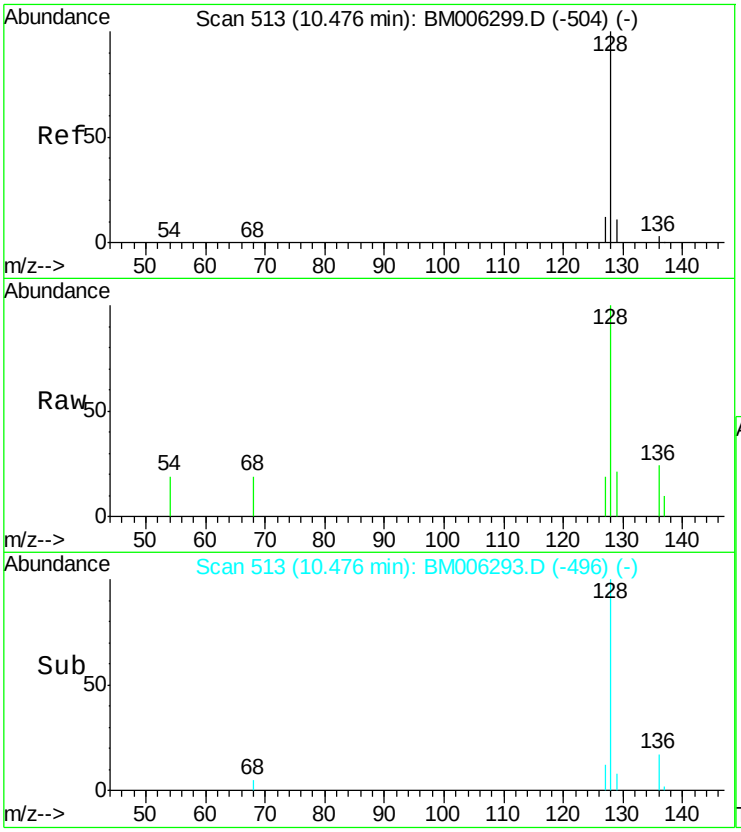
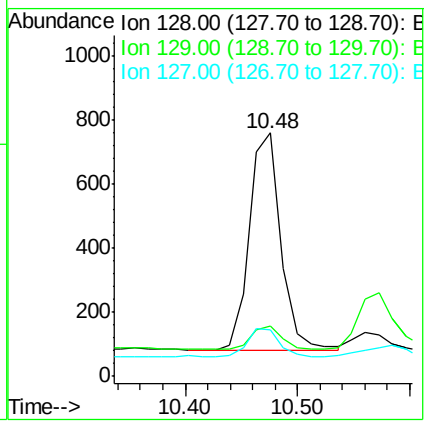




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:128 Resp: 1332

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.0	13.6#
127	19.0	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

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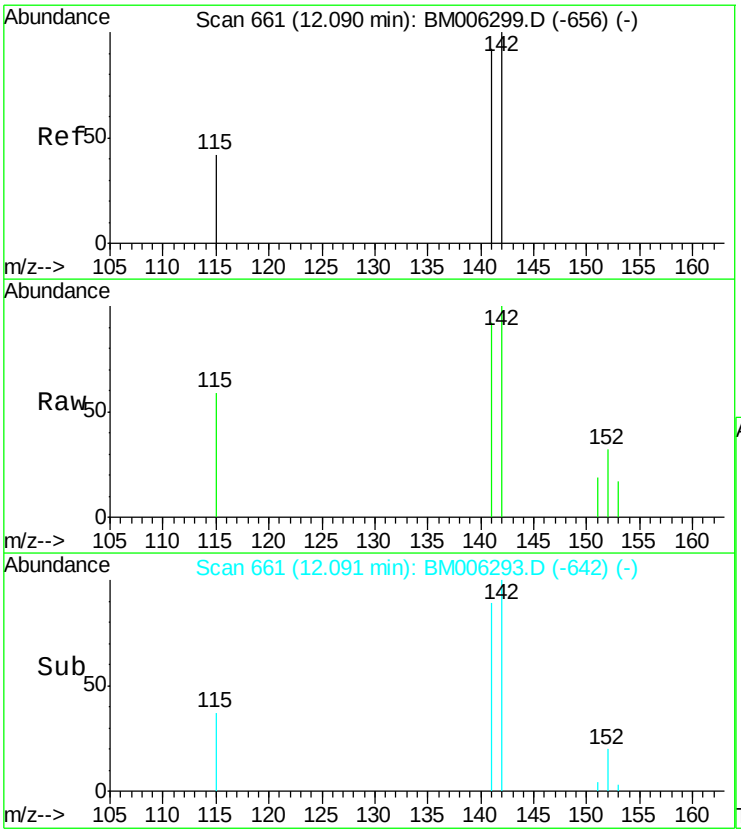
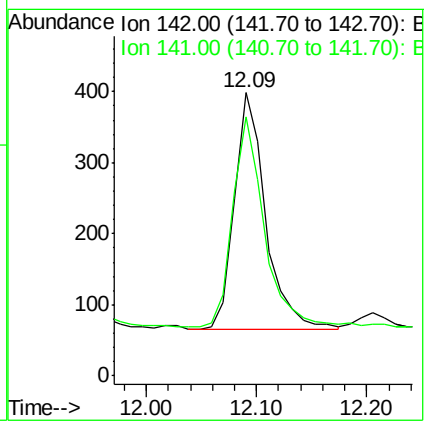
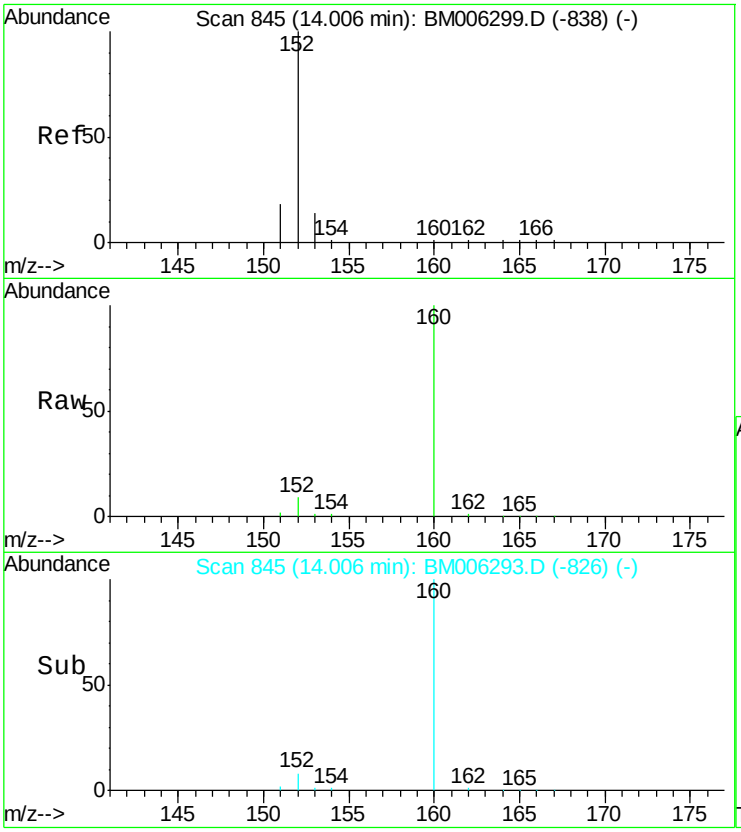


#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:142 Resp: 657

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5

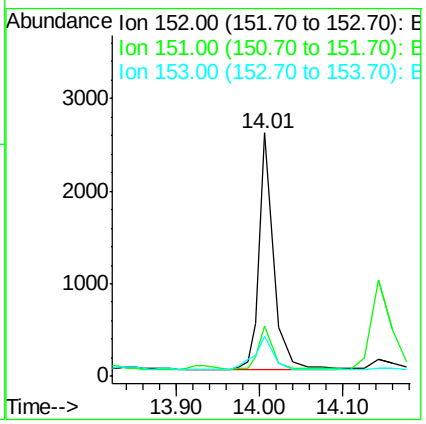




#9
Acenaphthylene
Concen: 0.08 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:152 Resp: 2920

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.6	26.4
153	16.5	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
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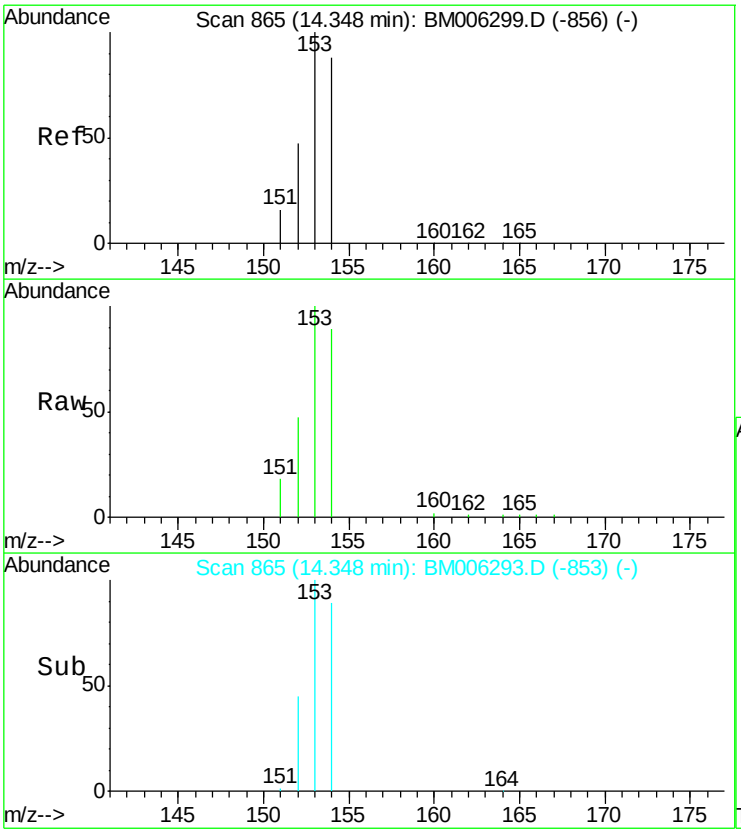
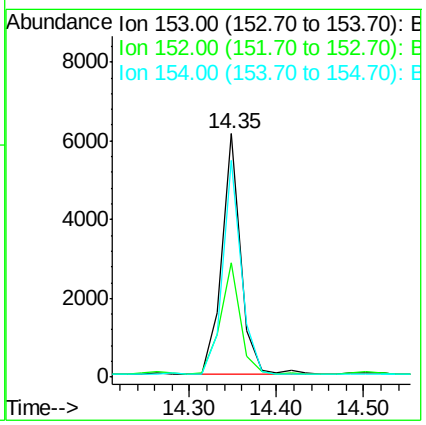
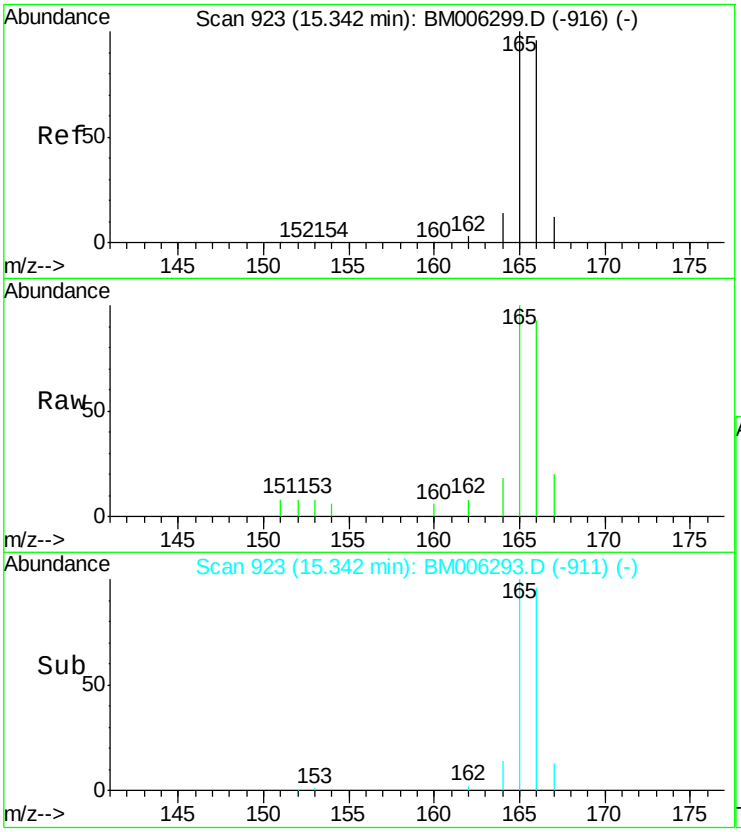


#10
Acenaphthene
Concen: 0.27 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:153 Resp: 9299

Ion	Ratio	Lower	Upper
153	100		
152	47.2	33.9	50.9
154	88.9	80.6	121.0

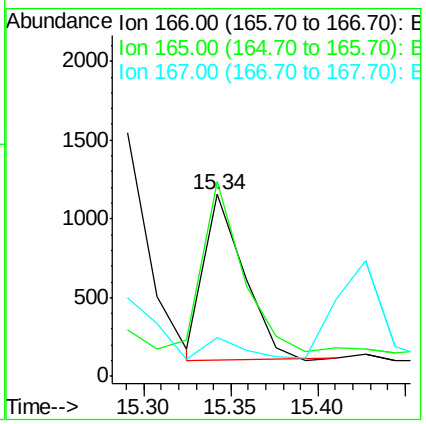




#11
Fluorene
Concen: 0.04 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:166 Resp: 1655

Ion	Ratio	Lower	Upper
166	100		
165	107.0	69.6	104.4#
167	21.2	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

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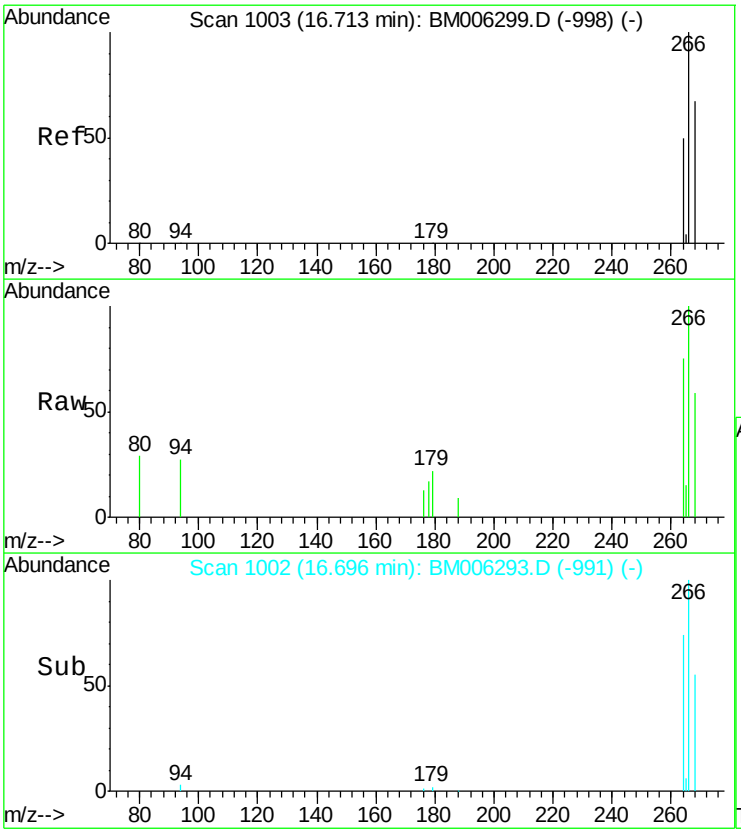
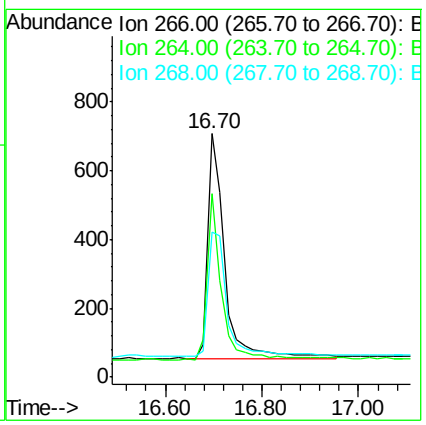
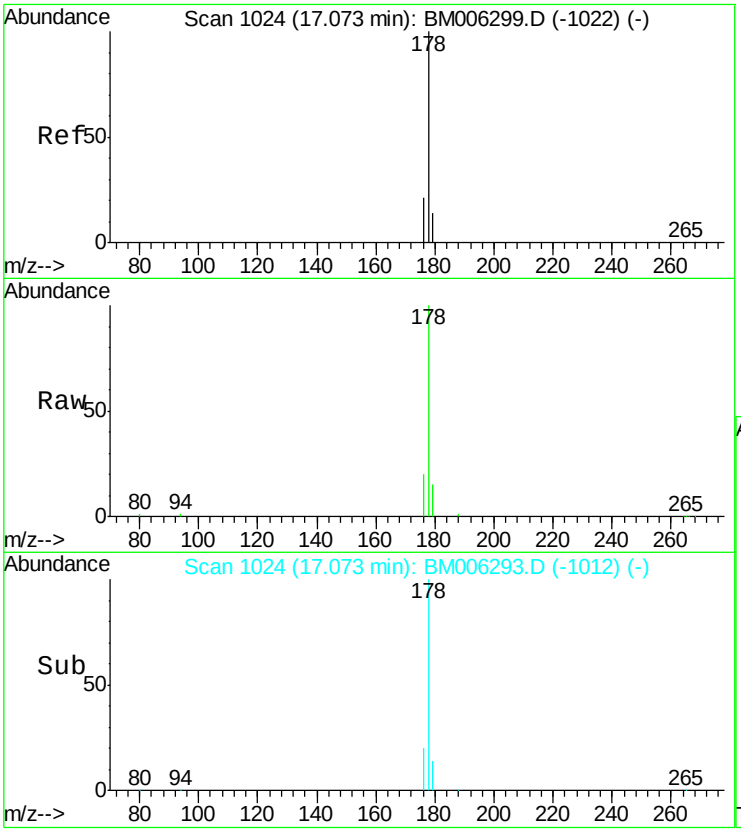


#13
Pentachlorophenol
Concen: 0.47 ng/ul
RT: 16.70 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:266 Resp: 1596

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.8	77.8
268	62.8	46.8	70.2

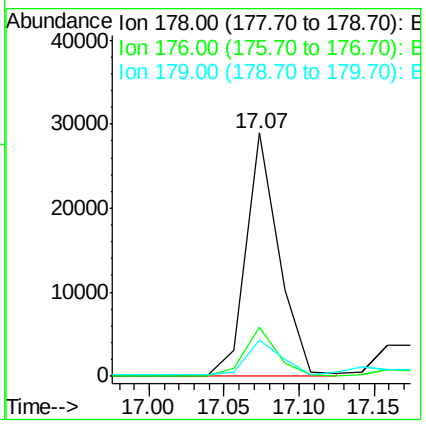




#14
Phenanthrene
Concen: 0.73 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:178 Resp: 43957

Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.0	19.4#
179	14.8	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

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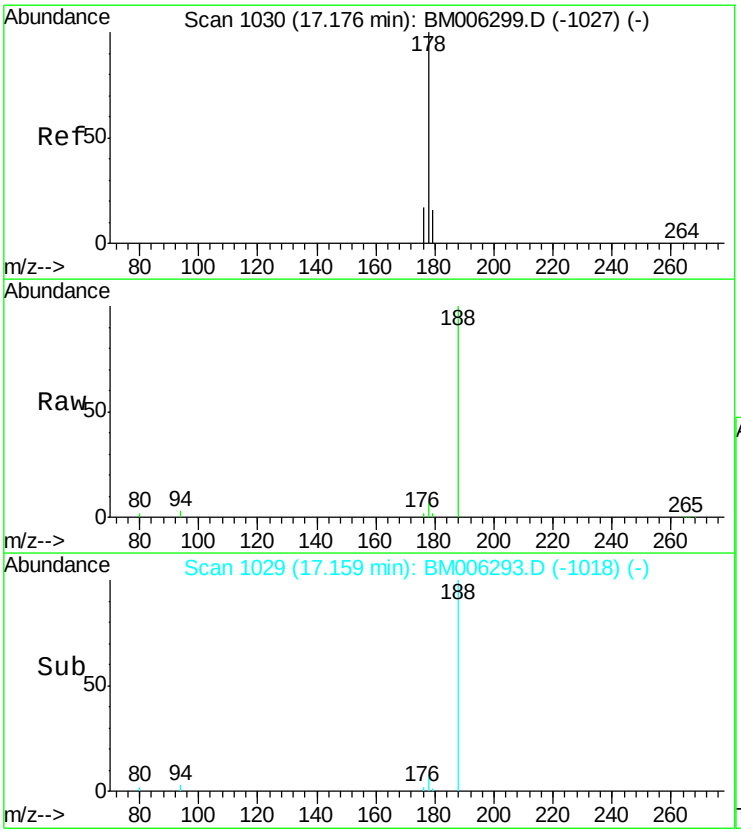
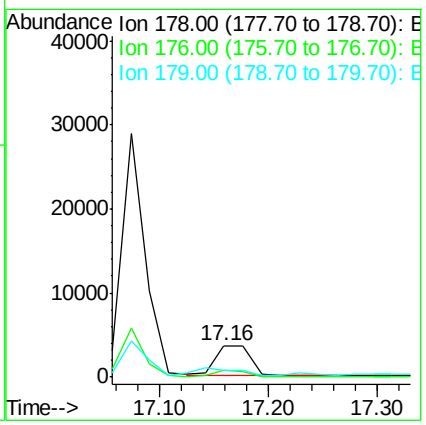
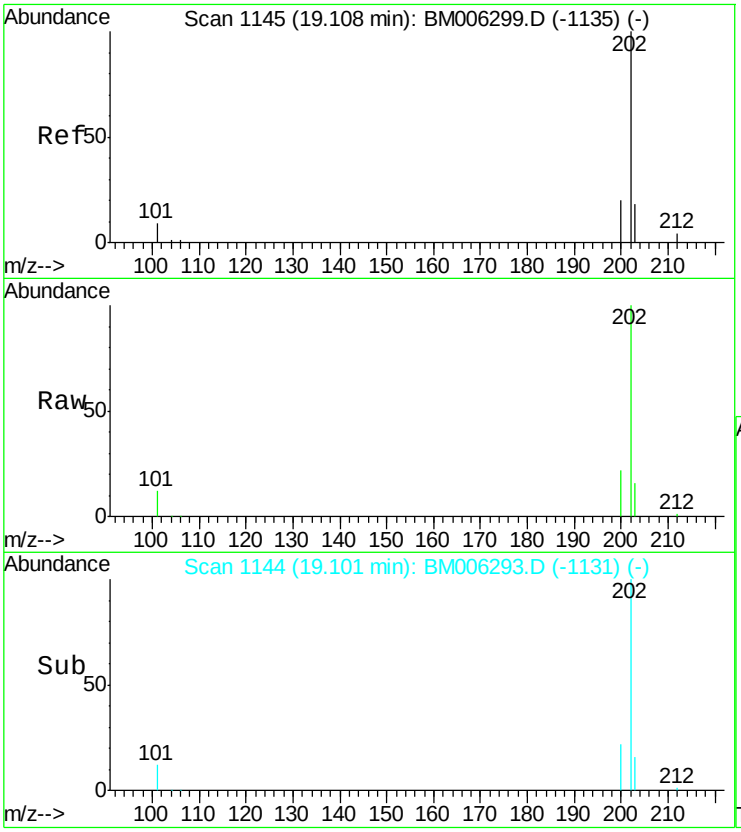


#15
Anthracene
Concen: 0.14 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:178 Resp: 8032

Ion	Ratio	Lower	Upper
178	100		
176	23.5	14.0	21.0#
179	19.7	12.9	19.3#

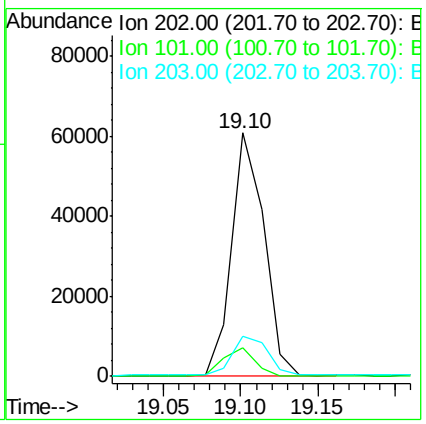




#17
Fluoranthene
Concen: 1.32 ng/ul
RT: 19.10 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:202 Resp: 88274

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.6
203	16.2	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
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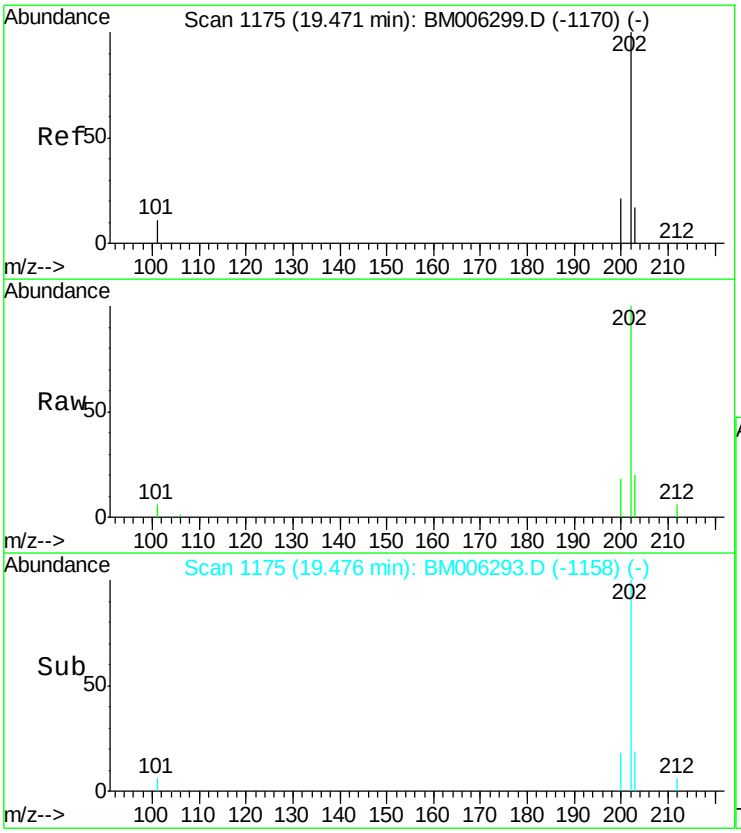
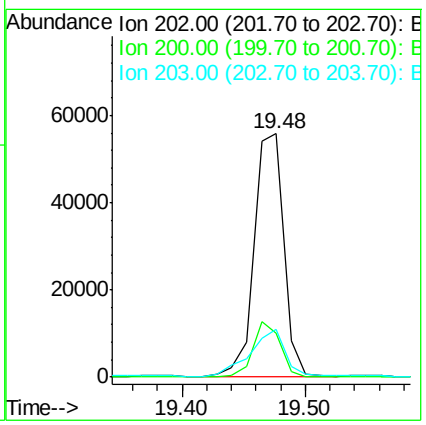
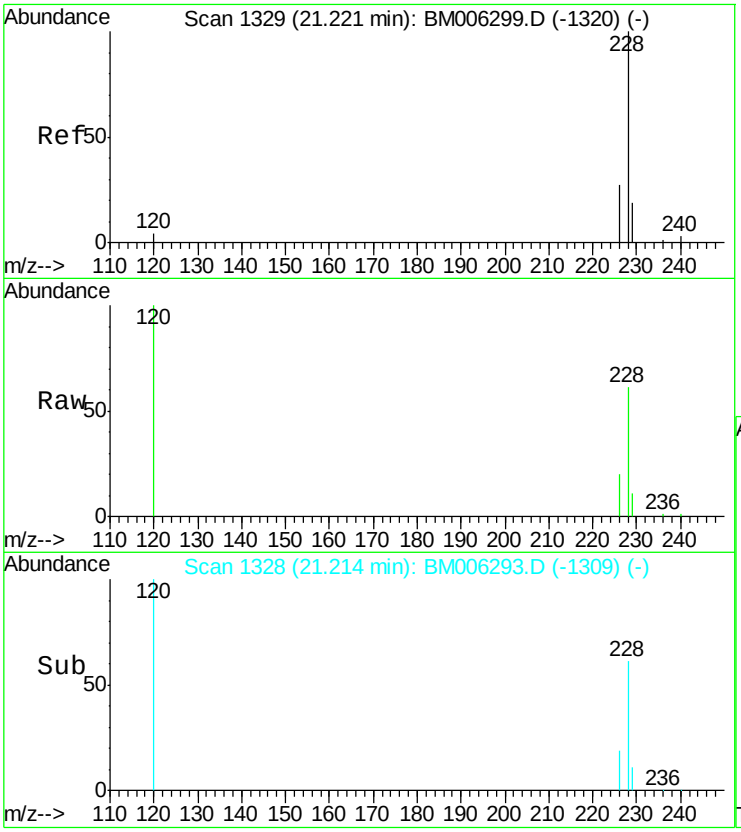


#19
Pyrene
Concen: 1.55 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:202 Resp: 93367

Ion	Ratio	Lower	Upper
202	100		
200	17.8	17.8	26.8
203	19.5	12.8	19.2#

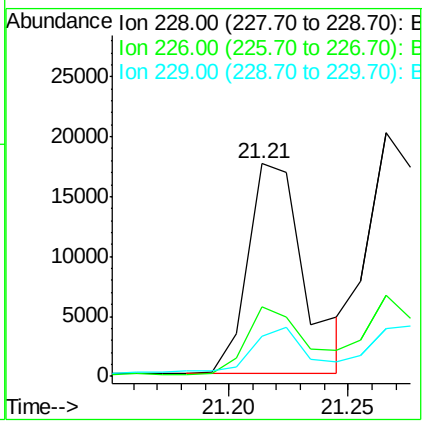




#20
Benzo(a)anthracene
Concen: 0.63 ng/ul
RT: 21.21 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:228 Resp: 29221

Ion	Ratio	Lower	Upper
228	100		
226	32.5	18.8	28.2#
229	18.9	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
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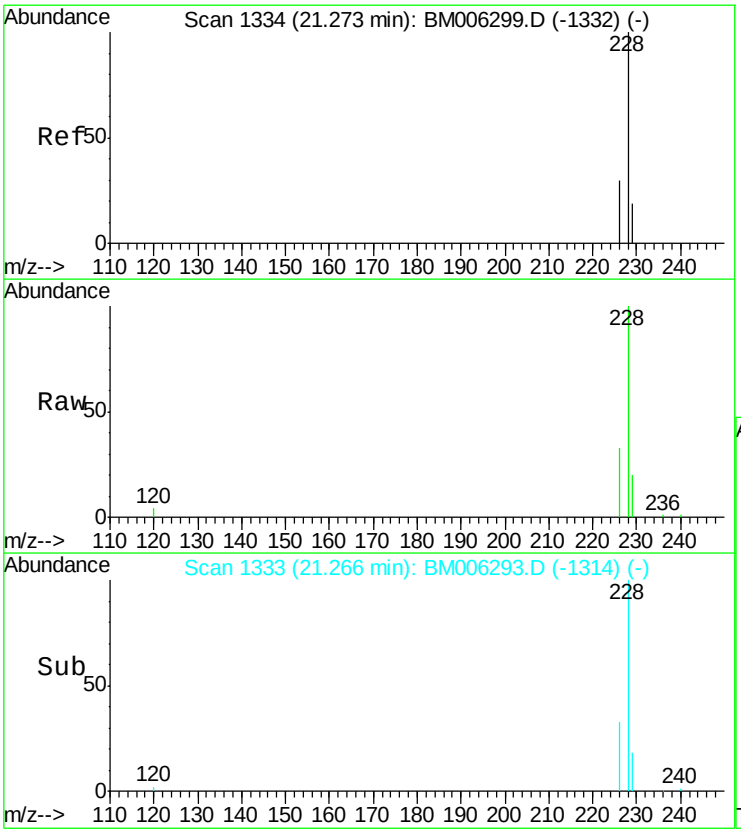
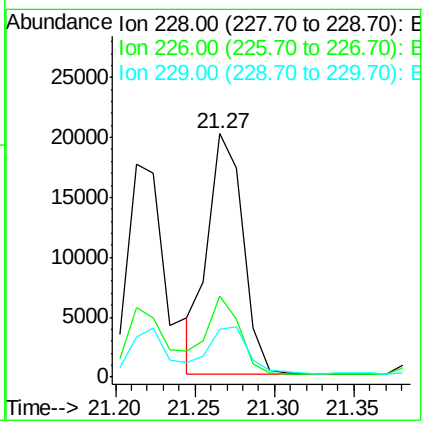
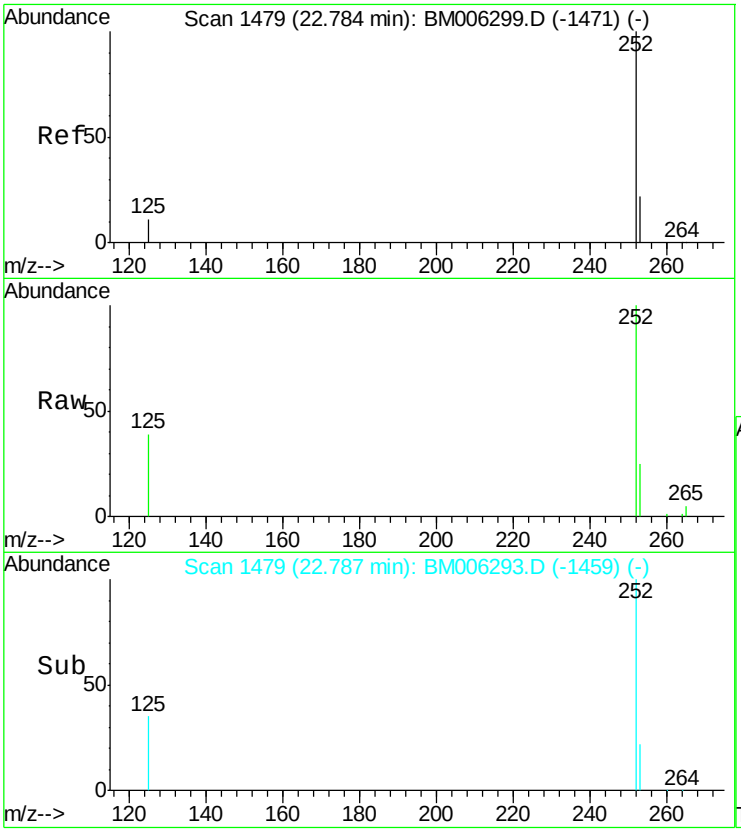


#21
Chrysene
Concen: 0.68 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:228 Resp: 30912

Ion	Ratio	Lower	Upper
228	100		
226	33.3	21.2	31.8#
229	19.5	17.0	25.6

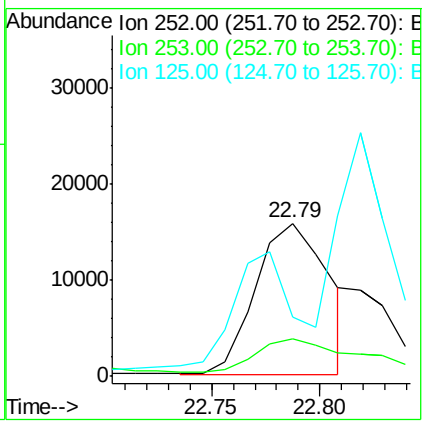




#23
Benzo(b)fluoranthene
Concen: 0.95 ng/ul m
RT: 22.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:252 Resp: 36628

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	45.4
125	38.6	0.0	28.8#



Instrument :
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ClientSampleId :
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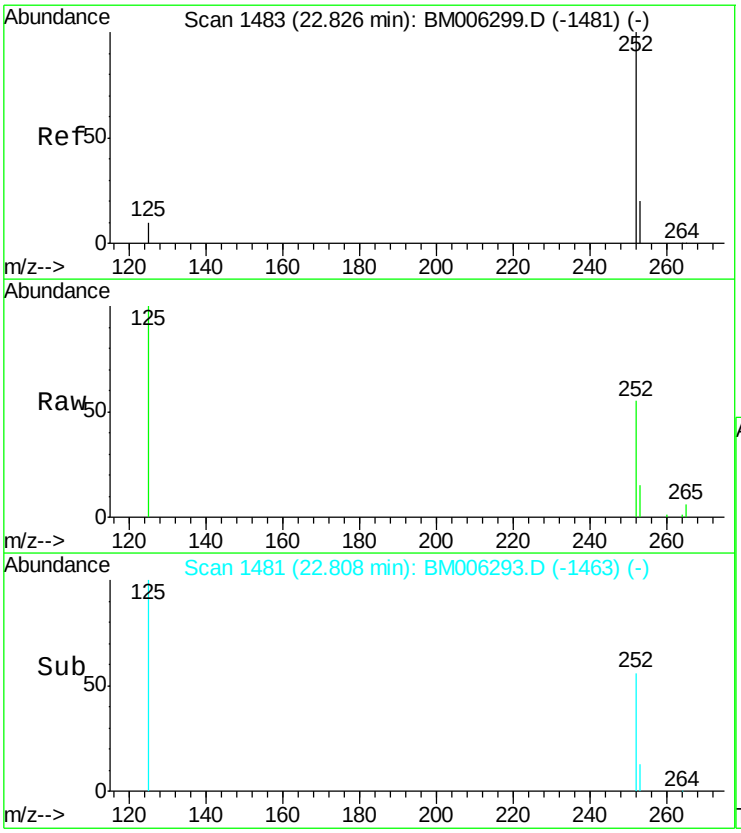
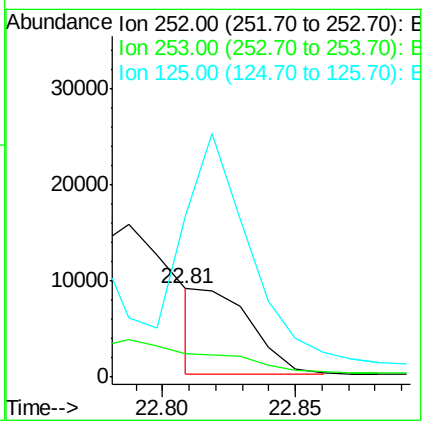
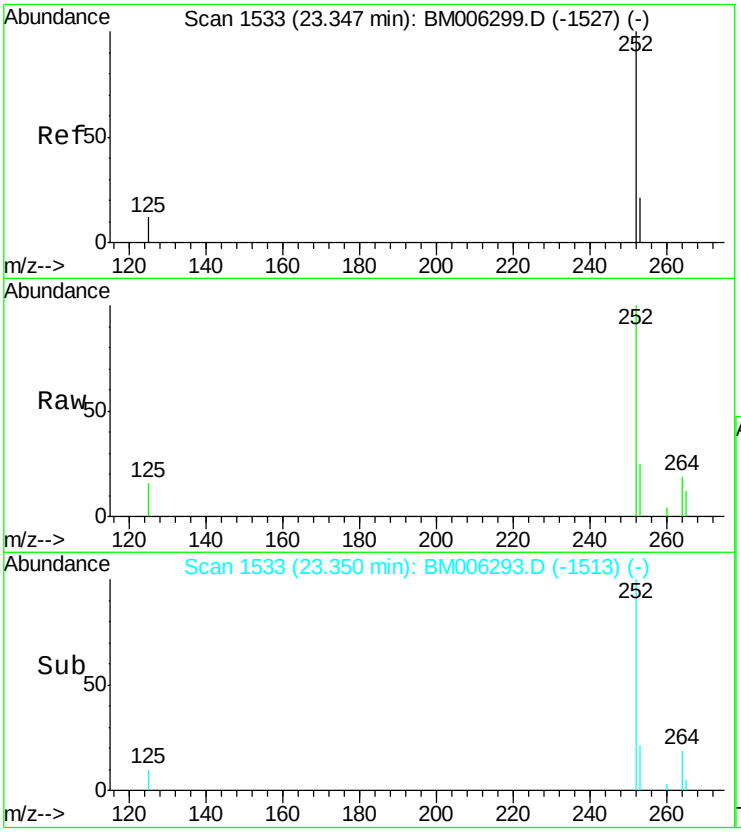


#24
Benzo(k)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:252 Resp: 12216

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.8	29.8
125	181.9	10.4	15.6#





#25
Benzo(a)pyrene
Concen: 0.74 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
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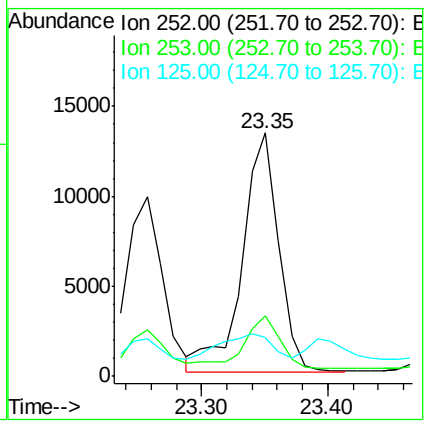
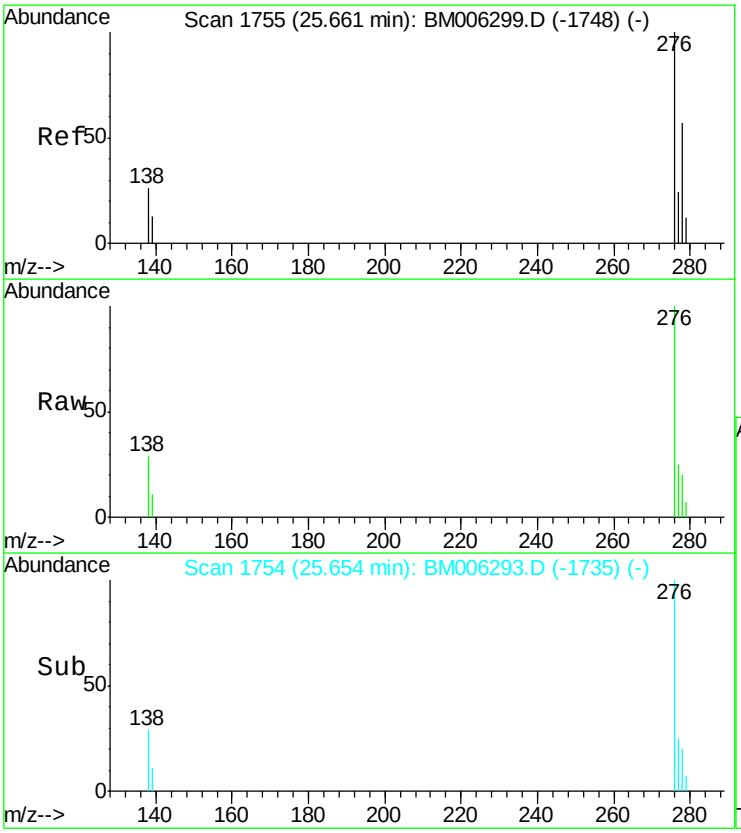
Tgt Ion:252 Resp: 26800

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.2
125	15.9	12.7	19.1

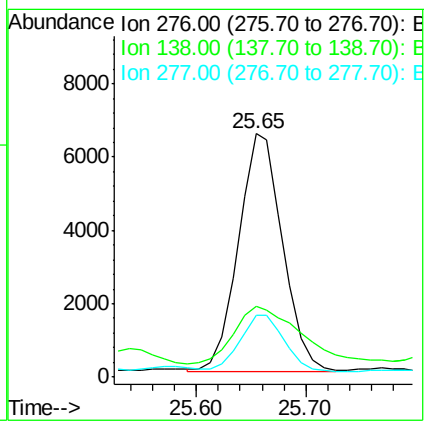


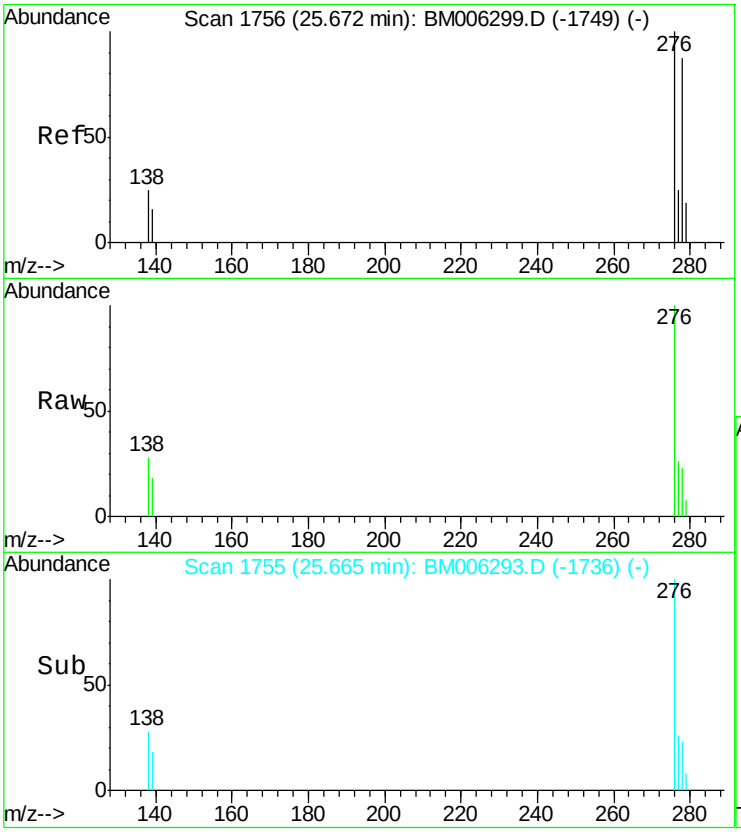


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng/ul m
RT: 25.65 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:276 Resp: 18341

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	3.0	19.8	29.8#





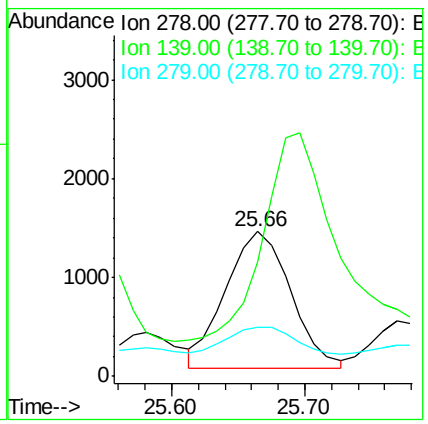
#27
Dibenzo(a,h)anthracene
Concen: 0.15 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

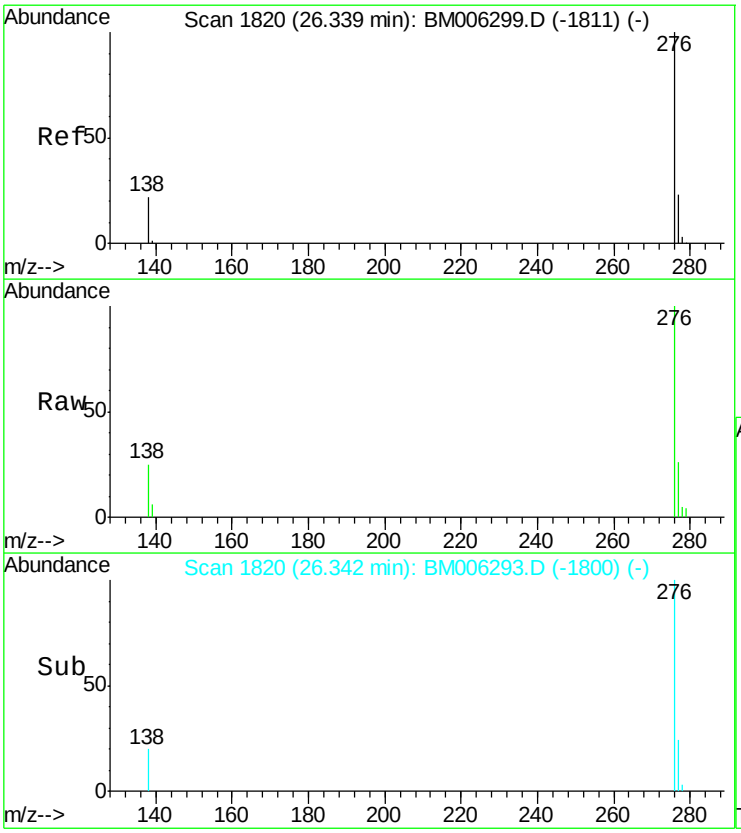
Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integrations
APPROVED
umangi
7/7/2016 6:05:06 PM

Tgt Ion:278 Resp: 4650

Ion	Ratio	Lower	Upper
278	100		
139	78.7	16.4	24.6#
279	34.0	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.52 ng/ul m
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006293.D
Acq: 06 Jul 2016 21:27

Tgt Ion:276 Resp: 17561

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.9	28.3
138	24.9	22.5	33.7