Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006294.D
Acq On : 06 Jul 2016 22:03
Operator : UM/SJ
Sample : H3811-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TV6MSD

Manual Integrations APPROVED
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Quant Time: Jul 07 11:20:08 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	4645	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17845	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9643	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	19043m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	12703	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11257m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7316	3.73	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6438	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	10894	0.27	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1356	0.03	ng/ul#	78
7) 2-Methylnaphthalene	12.09	142	719	0.03	ng/ul	100
9) Acenaphthylene	14.01	152	2963	0.09	ng/ul#	94
10) Acenaphthene	14.35	153	8762	0.27	ng/ul	88
11) Fluorene	15.34	166	1474	0.04	ng/ul#	79
13) Pentachlorophenol	16.70	266	1420	0.48	ng/ul	94
14) Phenanthrene	17.07	178	33914m	0.64	ng/ul	
15) Anthracene	17.16	178	6061	0.12	ng/ul#	85
17) Fluoranthene	19.11	202	64096	1.10	ng/ul	94
19) Pyrene	19.47	202	69312	1.30	ng/ul	96
20) Benzo(a)anthracene	21.22	228	22315	0.54	ng/ul#	92
21) Chrysene	21.27	228	26234	0.65	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	35976m	0.89	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	7891m	0.21	ng/ul	
25) Benzo(a)pyrene	23.35	252	25361m	0.68	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	18118m	0.44	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	4738m	0.15	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	16946m	0.48	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 : BM006294.D
Acq On : 06 Jul 2016 22:03
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Sample : H3811-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 07 11:20:08 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

Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

Manual Integrations
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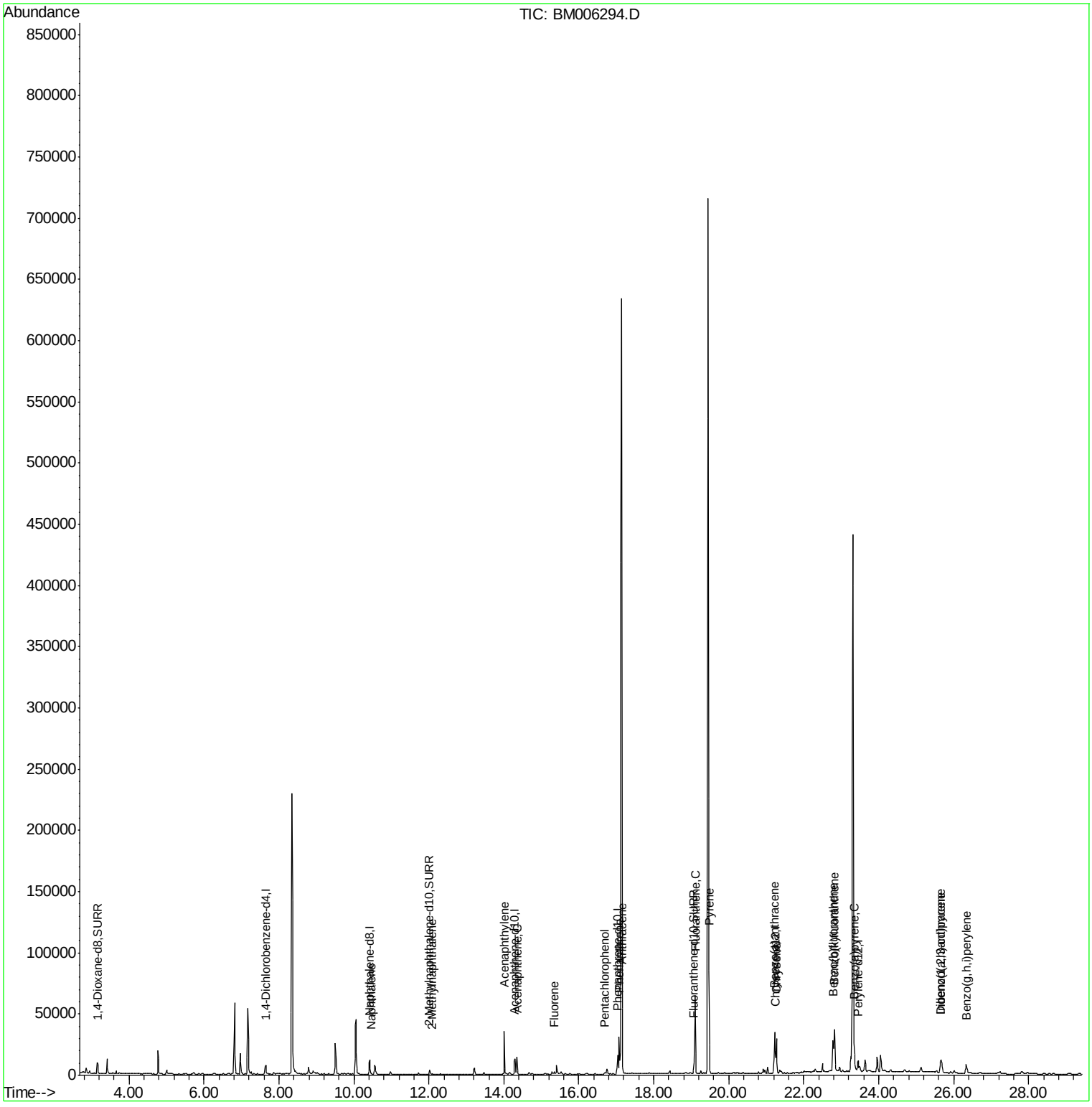
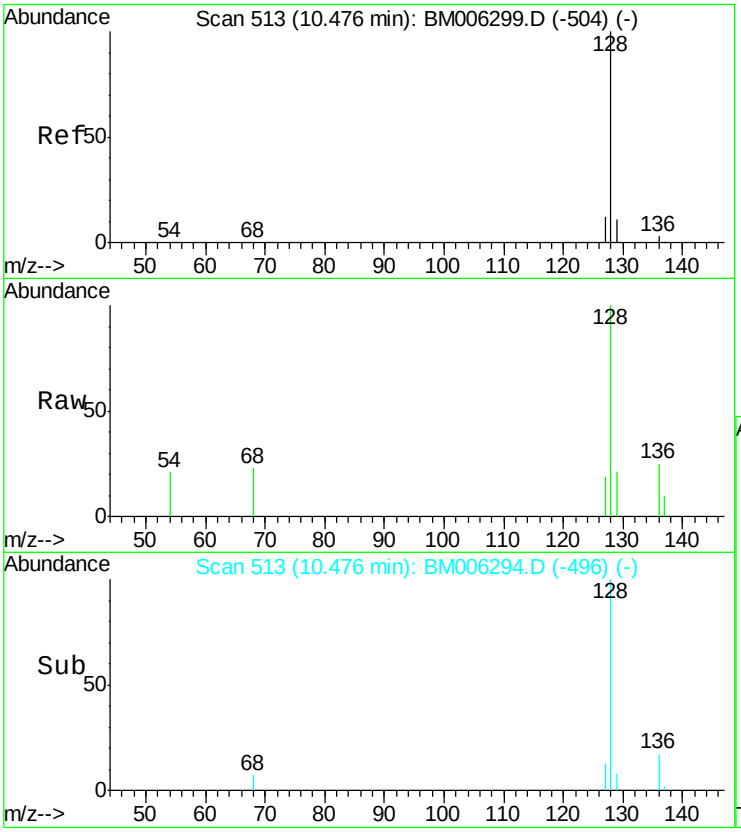
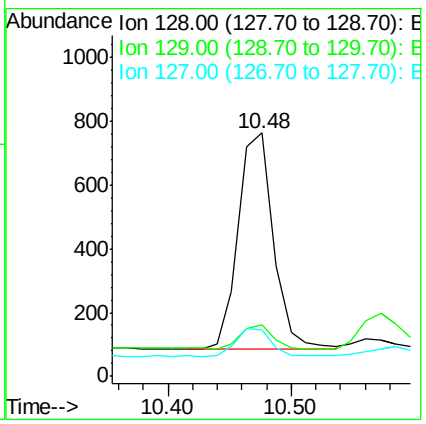




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:128 Resp: 1356

Ion	Ratio	Lower	Upper
128	100		
129	21.3	9.0	13.6#
127	19.1	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

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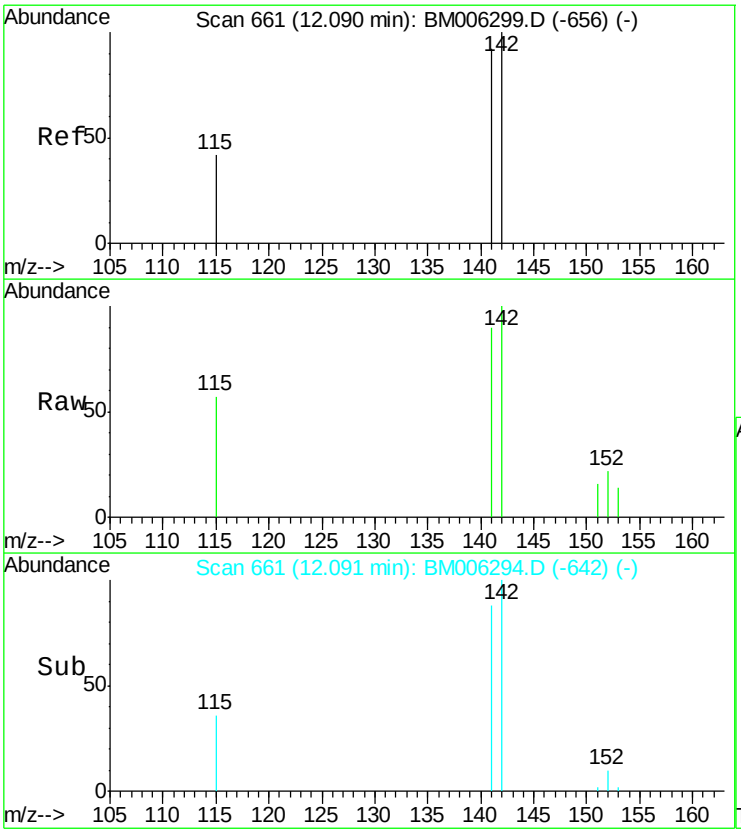
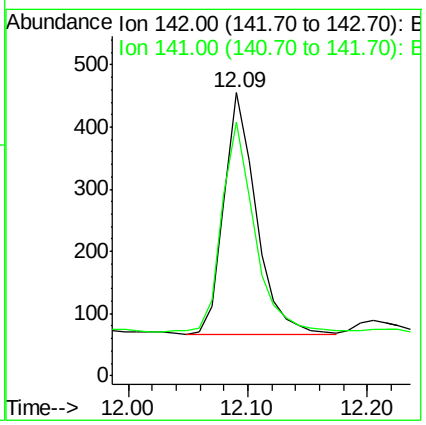
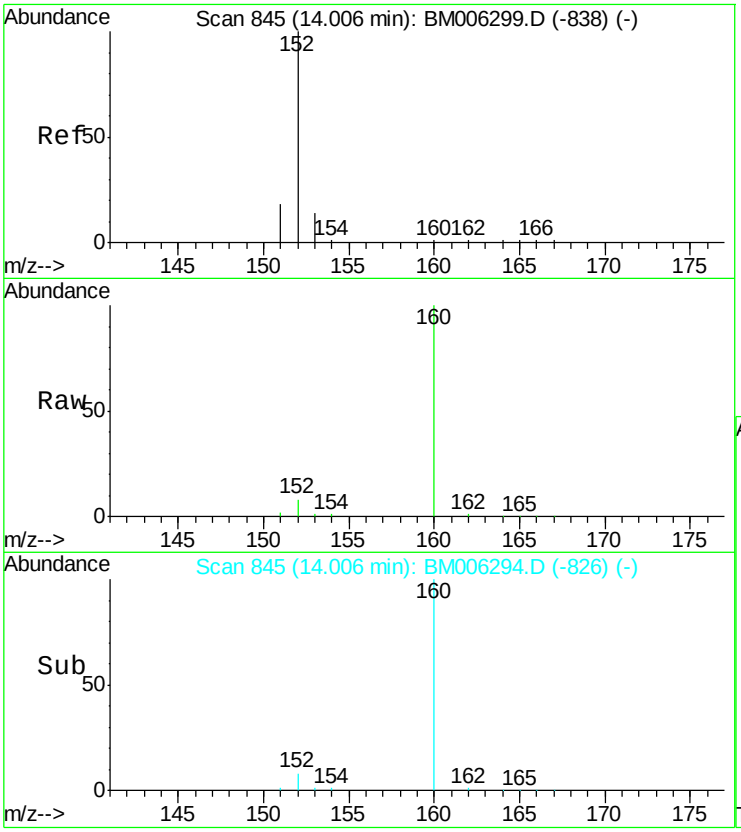


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:142 Resp: 719

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5

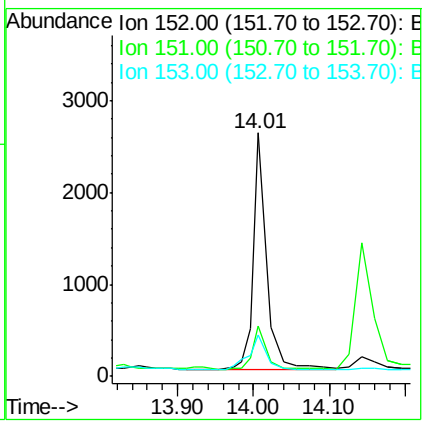




#9
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:152 Resp: 2963

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.6	26.4
153	16.9	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

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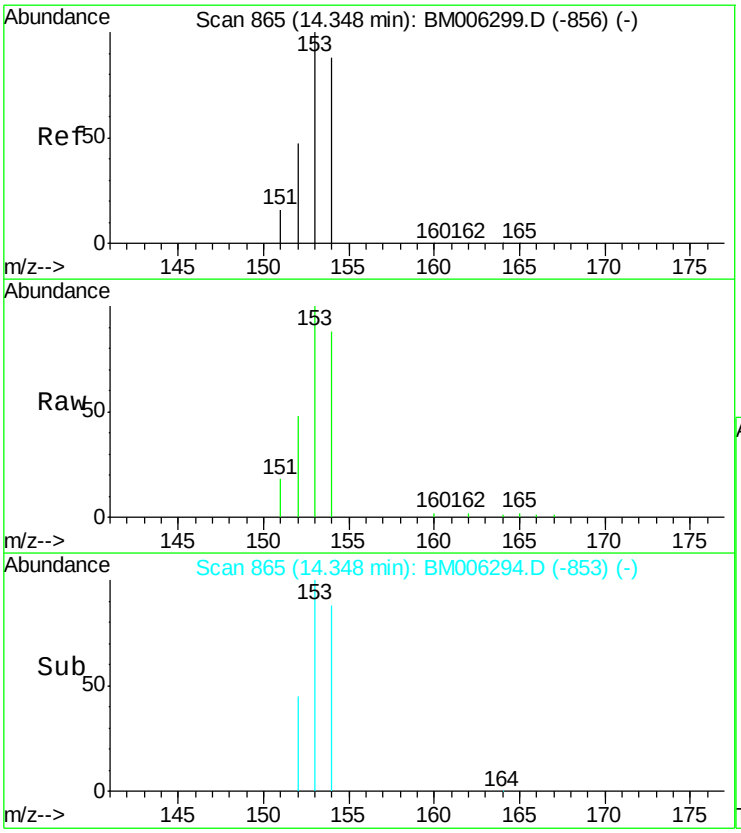
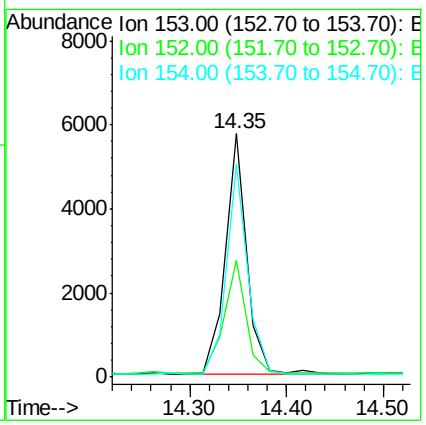
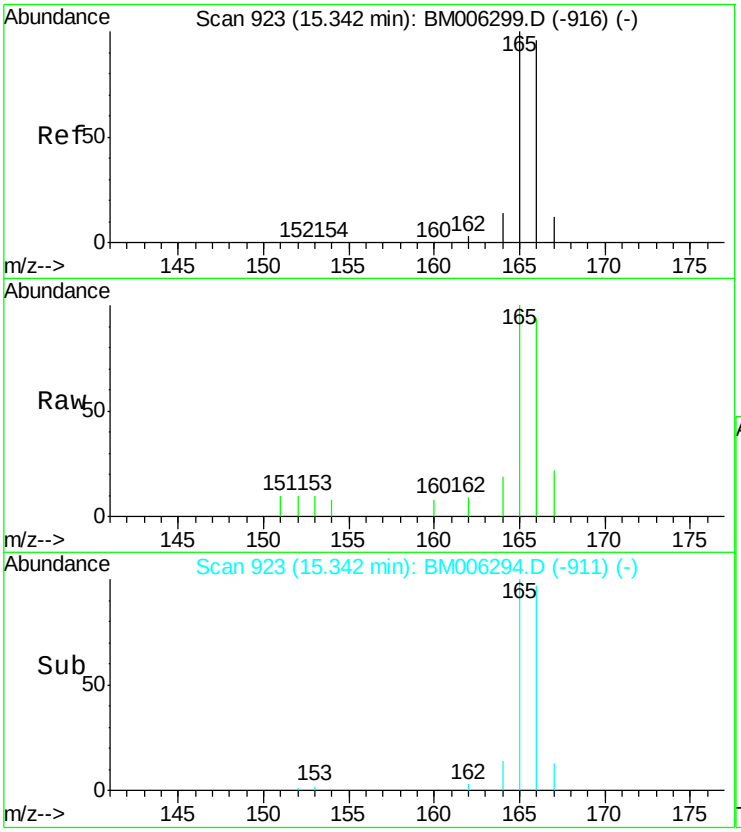


#10
Acenaphthene
Concen: 0.27 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:153 Resp: 8762

Ion	Ratio	Lower	Upper
153	100		
152	47.8	33.9	50.9
154	87.7	80.6	121.0

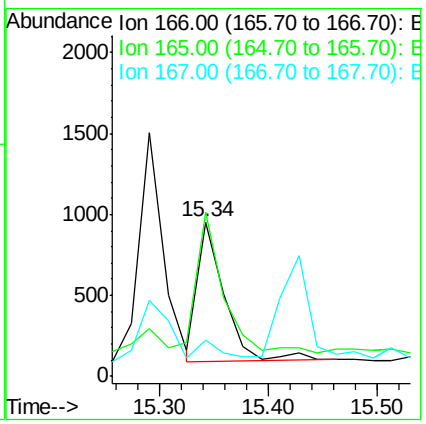




#11
Fluorene
Concen: 0.04 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:166 Resp: 1474

Ion	Ratio	Lower	Upper
166	100		
165	106.5	69.6	104.4#
167	23.7	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

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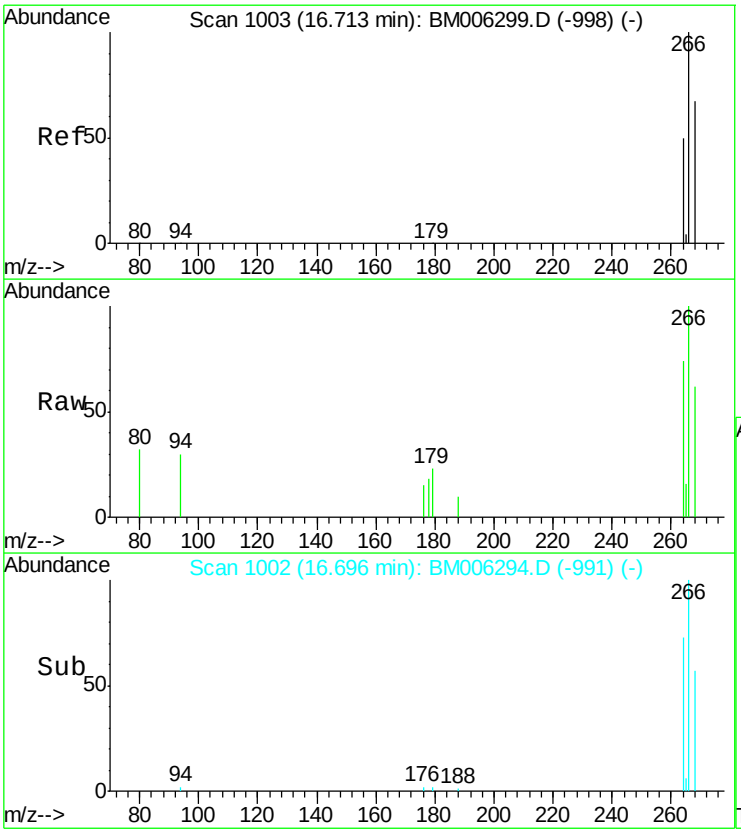
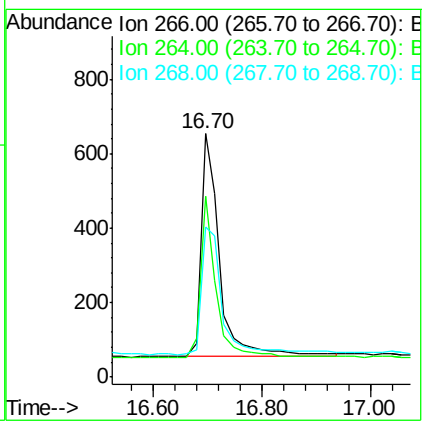
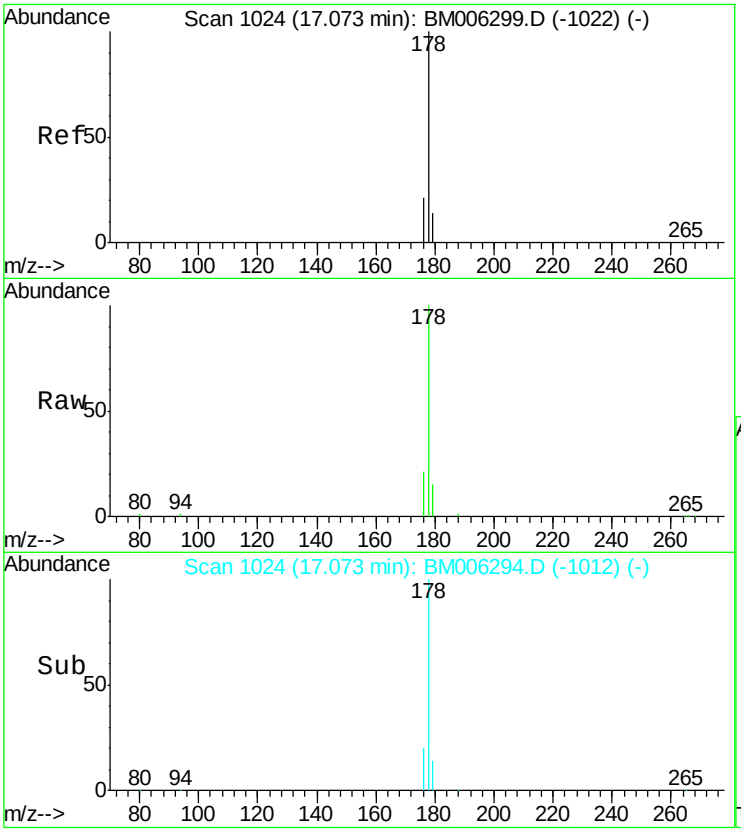


#13
Pentachlorophenol
Concen: 0.48 ng/ul
RT: 16.70 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:266 Resp: 1420

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.8	77.8
268	66.7	46.8	70.2

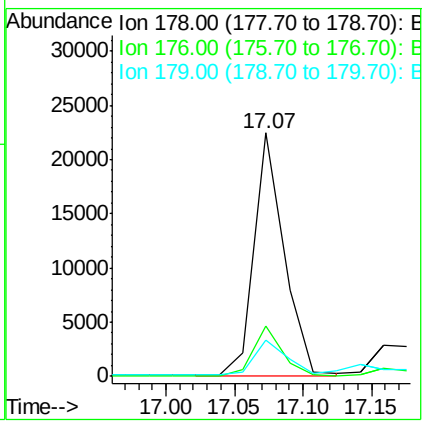




#14
Phenanthrene
Concen: 0.64 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:178 Resp: 33914

Ion	Ratio	Lower	Upper
178	100		
176	20.5	13.0	19.4#
179	14.9	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

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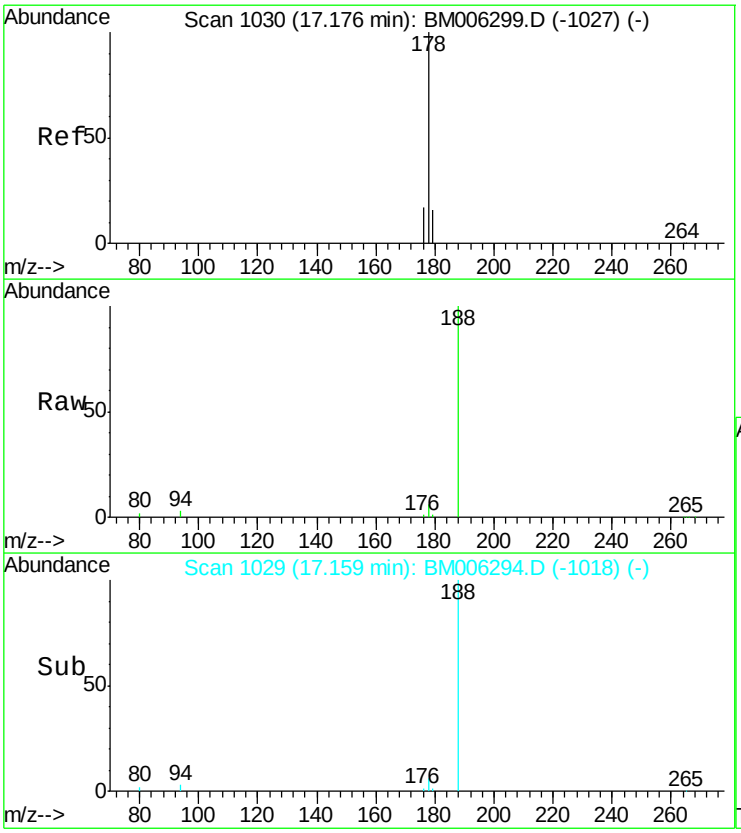
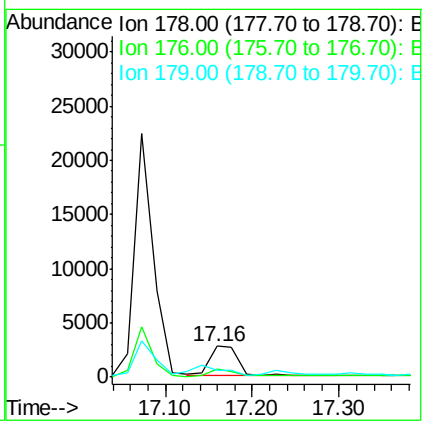
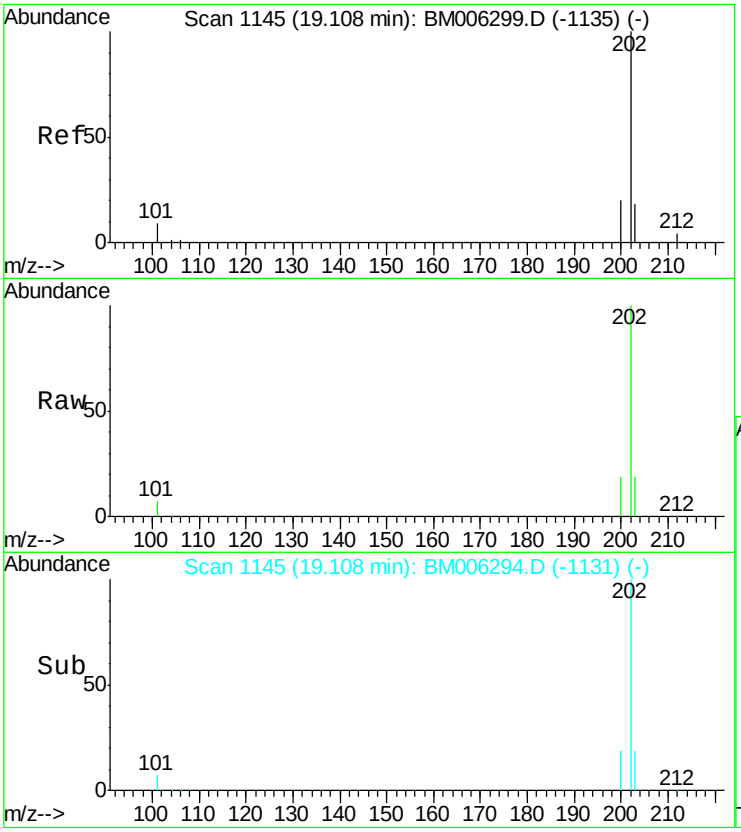


#15
Anthracene
Concen: 0.12 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:178 Resp: 6061

Ion	Ratio	Lower	Upper
178	100		
176	24.3	14.0	21.0#
179	22.5	12.9	19.3#

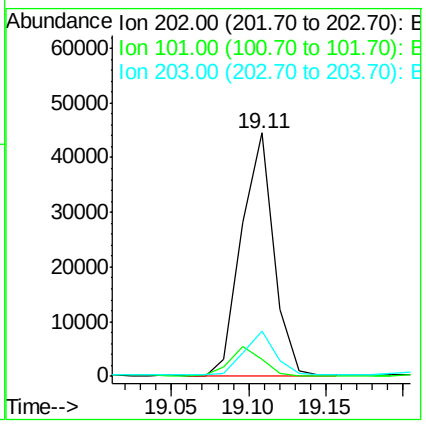




#17
Fluoranthene
Concen: 1.10 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:202 Resp: 64096

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.6
203	18.8	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

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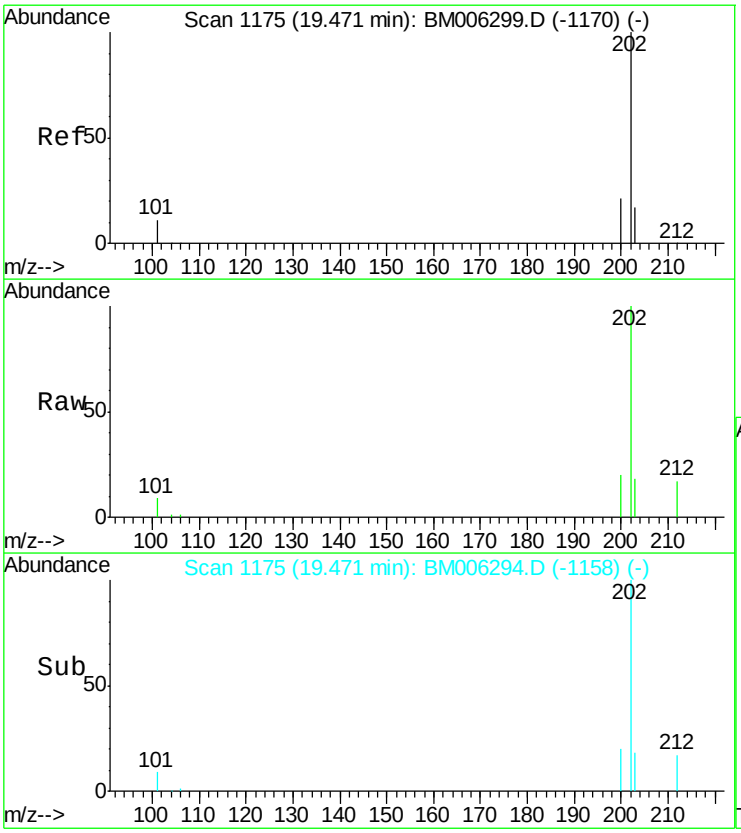
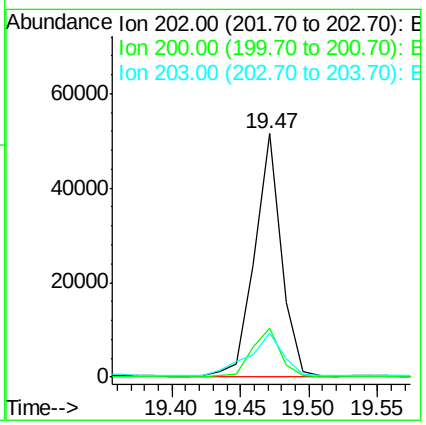
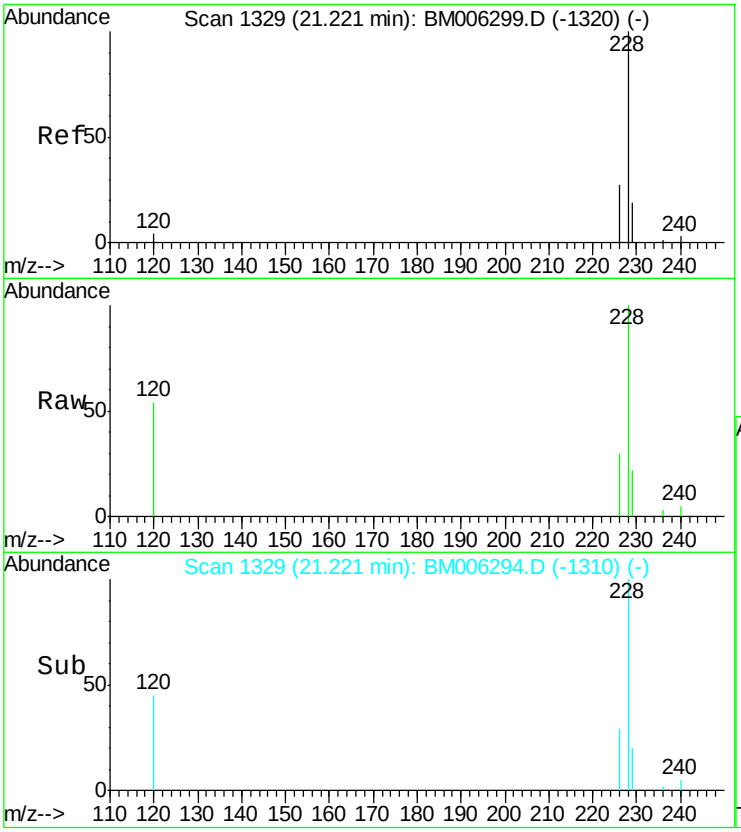


#19
Pyrene
Concen: 1.30 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:202 Resp: 69312

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.8
203	18.1	12.8	19.2





#20
Benzo(a)anthracene
Concen: 0.54 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:228 Resp: 22315

Ion	Ratio	Lower	Upper
228	100		
226	29.9	18.8	28.2#
229	22.1	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

Manual Integrations
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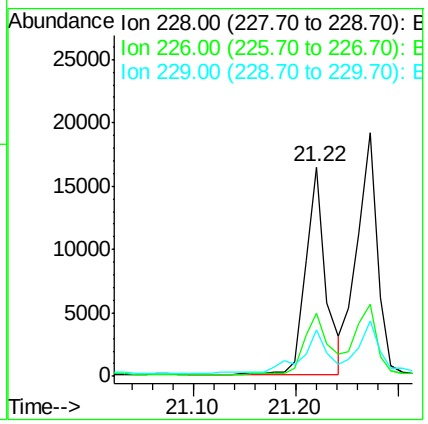
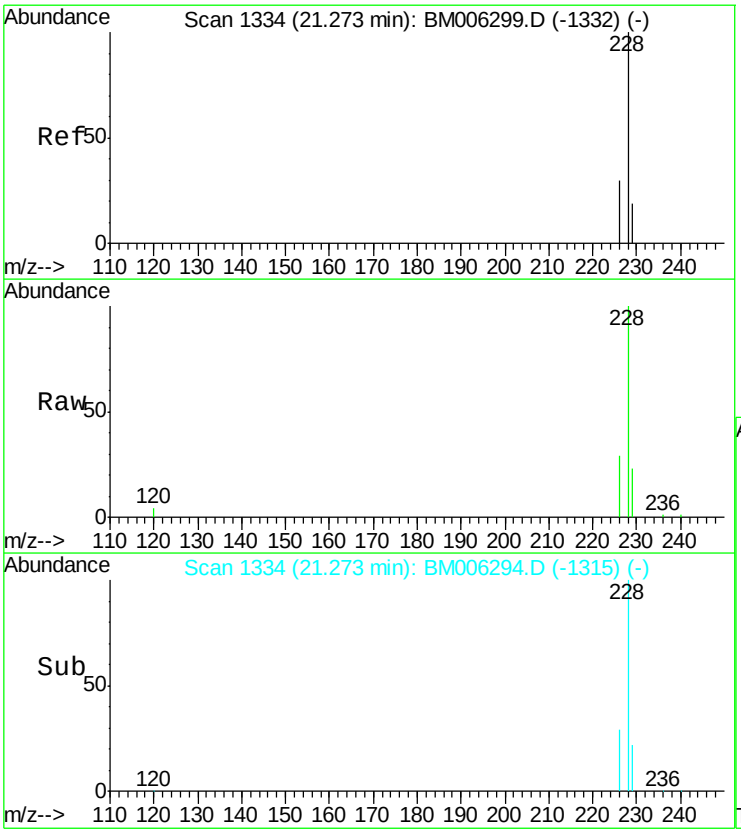
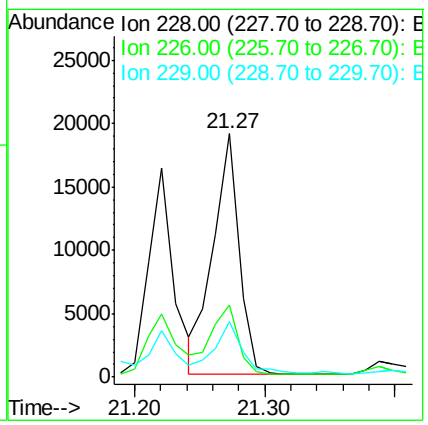


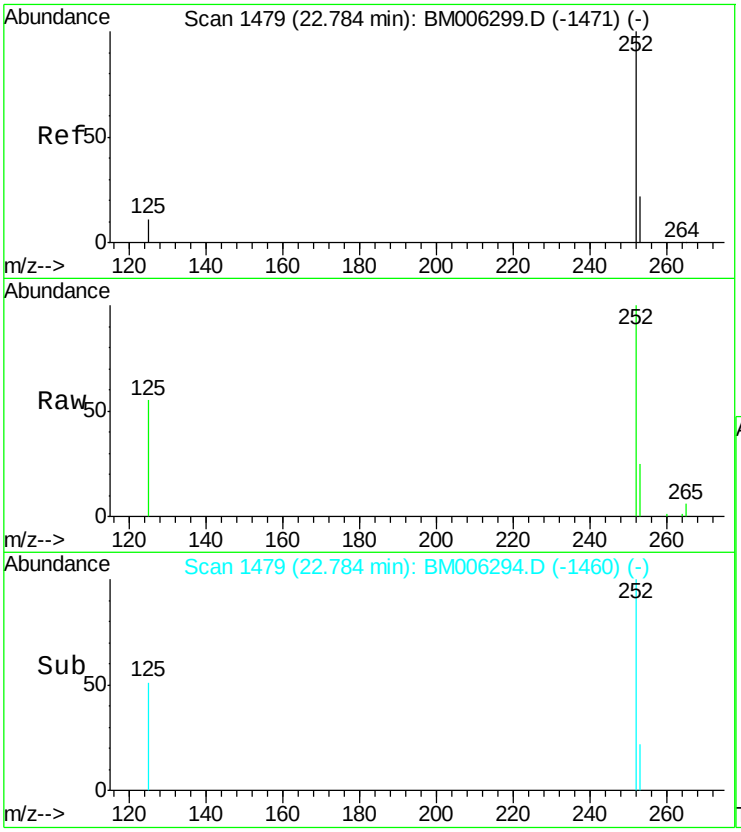


#21
Chrysene
Concen: 0.65 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:228 Resp: 26234

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.2	31.8
229	22.7	17.0	25.6





#23
Benzo(b)fluoranthene
Concen: 0.89 ng/ul m
RT: 22.78 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:252 Resp: 35976

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	45.4
125	55.4	0.0	28.8#

Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

Manual Integrations
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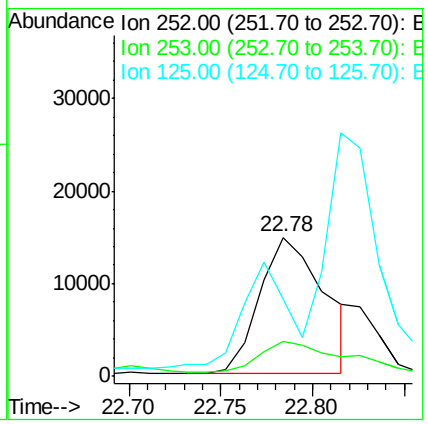
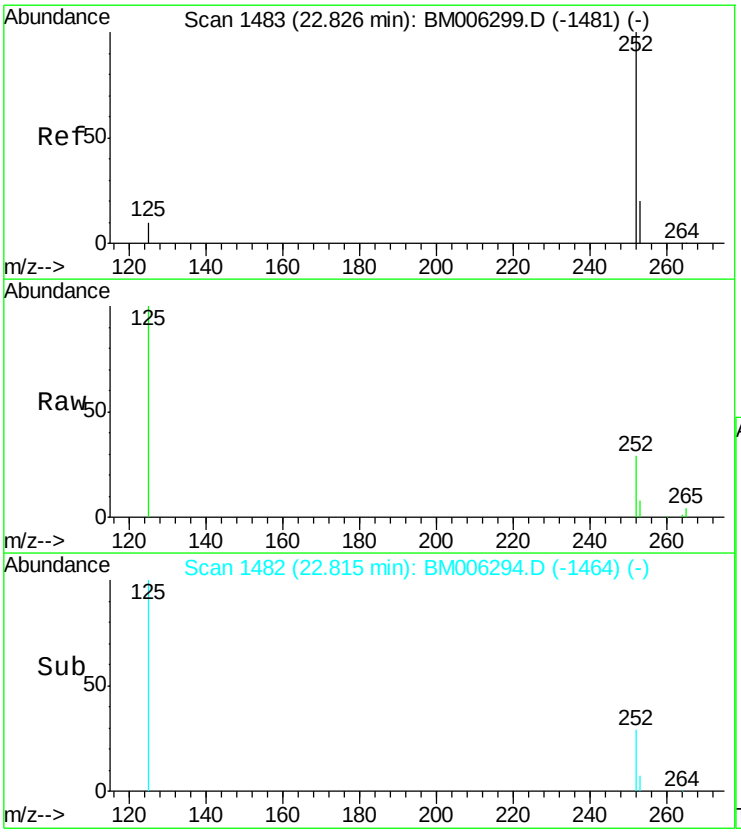
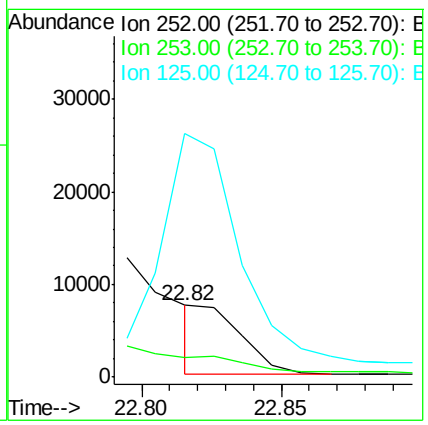


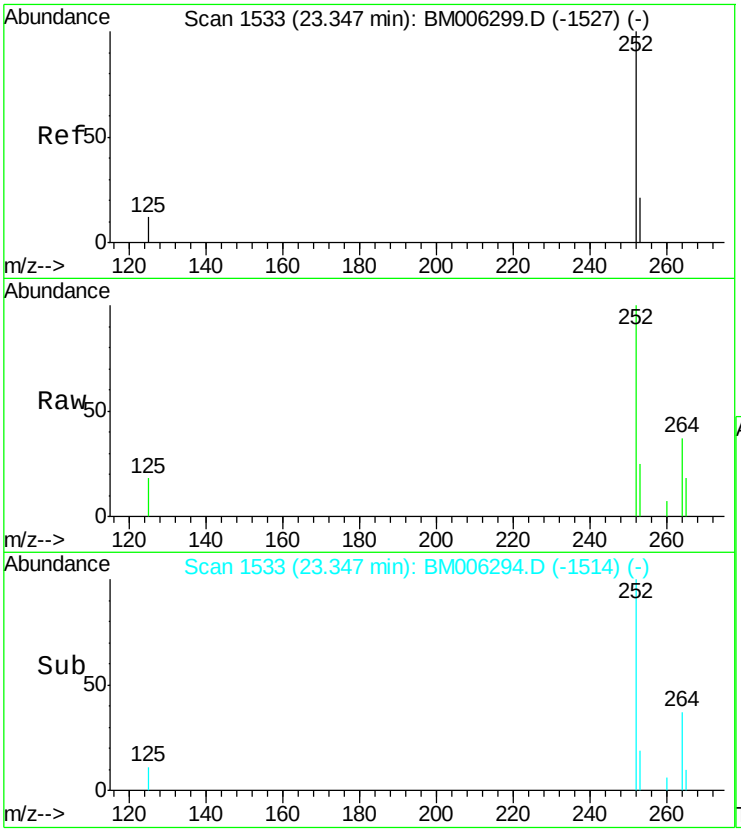


#24
Benzo(k)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:252 Resp: 7891

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.8	29.8
125	340.3	10.4	15.6#





#25
Benzo(a)pyrene
Concen: 0.68 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

Manual Integrations
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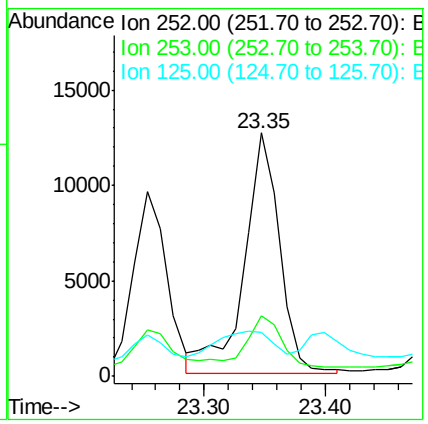
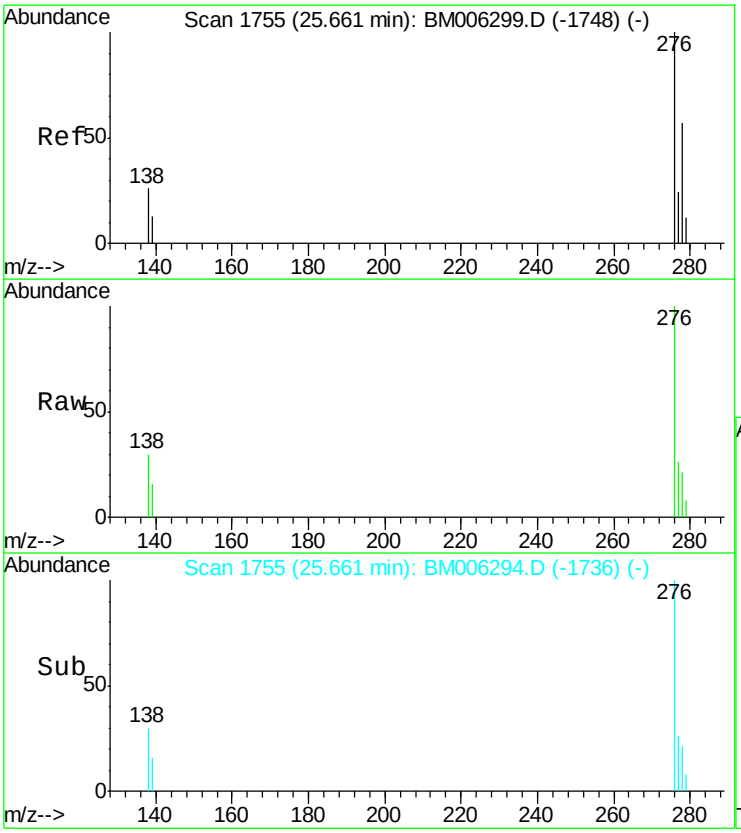
Tgt Ion:252 Resp: 25361

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.2
125	18.3	12.7	19.1

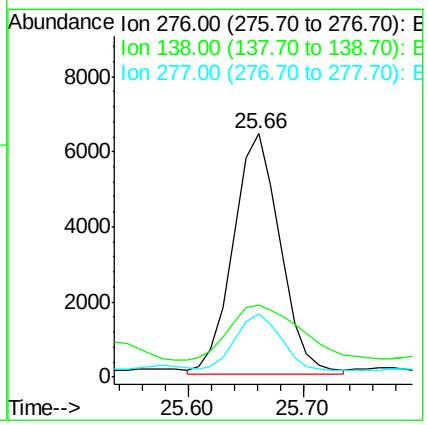


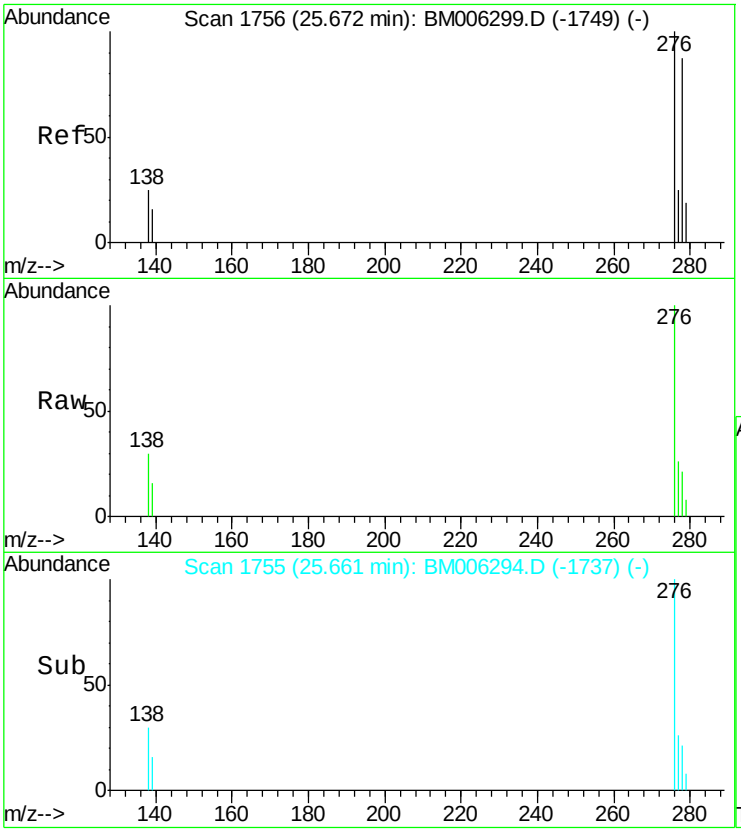


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:276 Resp: 18118

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	3.9	19.8	29.8#





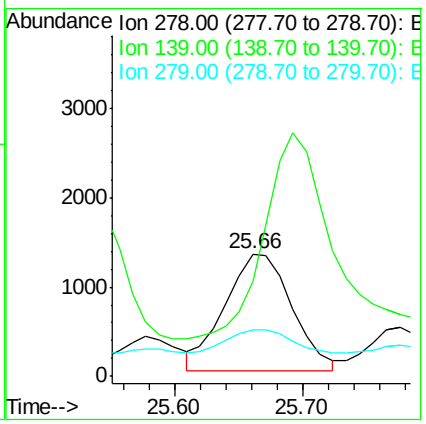
#27
Dibenzo(a,h)anthracene
Concen: 0.15 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

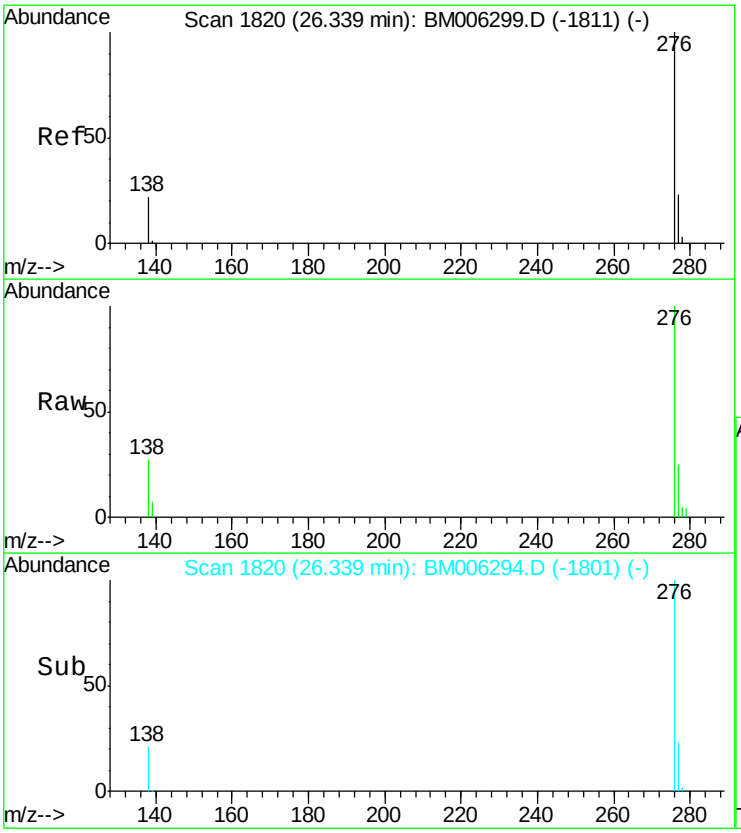
Instrument :
BNA_M
ClientSampleId :
A4TV6MSD

Manual Integrations
APPROVED
umangi
7/7/2016 6:05:03 PM

Tgt Ion:278 Resp: 4738

Ion	Ratio	Lower	Upper
278	100		
139	77.5	16.4	24.6#
279	38.4	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.48 ng/ul m
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006294.D
Acq: 06 Jul 2016 22:03

Tgt Ion:276 Resp: 16946

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	26.5	22.5	33.7