Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006288.D
Acq On : 06 Jul 2016 18:26
Operator : UM/SJ
Sample : H3811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrations
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Quant Time: Jul 07 10:49:36 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	4482	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17624	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9949	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	19292m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	12710	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	10764m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8142	4.30	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6814	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	12029	0.30	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.48	128	1287	0.03	ng/ul#	79
7) 2-Methylnaphthalene	12.09	142	831	0.03	ng/ul	97
9) Acenaphthylene	14.01	152	1358	0.04	ng/ul#	90
14) Phenanthrene	17.07	178	15040m	0.28	ng/ul	
15) Anthracene	17.16	178	2771	0.06	ng/ul#	72
17) Fluoranthene	19.11	202	27969	0.48	ng/ul	94
19) Pyrene	19.47	202	25434	0.48	ng/ul	96
20) Benzo(a)anthracene	21.22	228	10181	0.25	ng/ul#	91
21) Chrysene	21.27	228	12513	0.31	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	16651m	0.43	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	5201m	0.15	ng/ul	
25) Benzo(a)pyrene	23.35	252	9889m	0.28	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	7938m	0.20	ng/ul	
28) Benzo(g,h,i)perylene	26.35	276	7759m	0.23	ng/ul	

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

Quantitation Report (QT Reviewed)

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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 :
A4TV2

Manual Integrations
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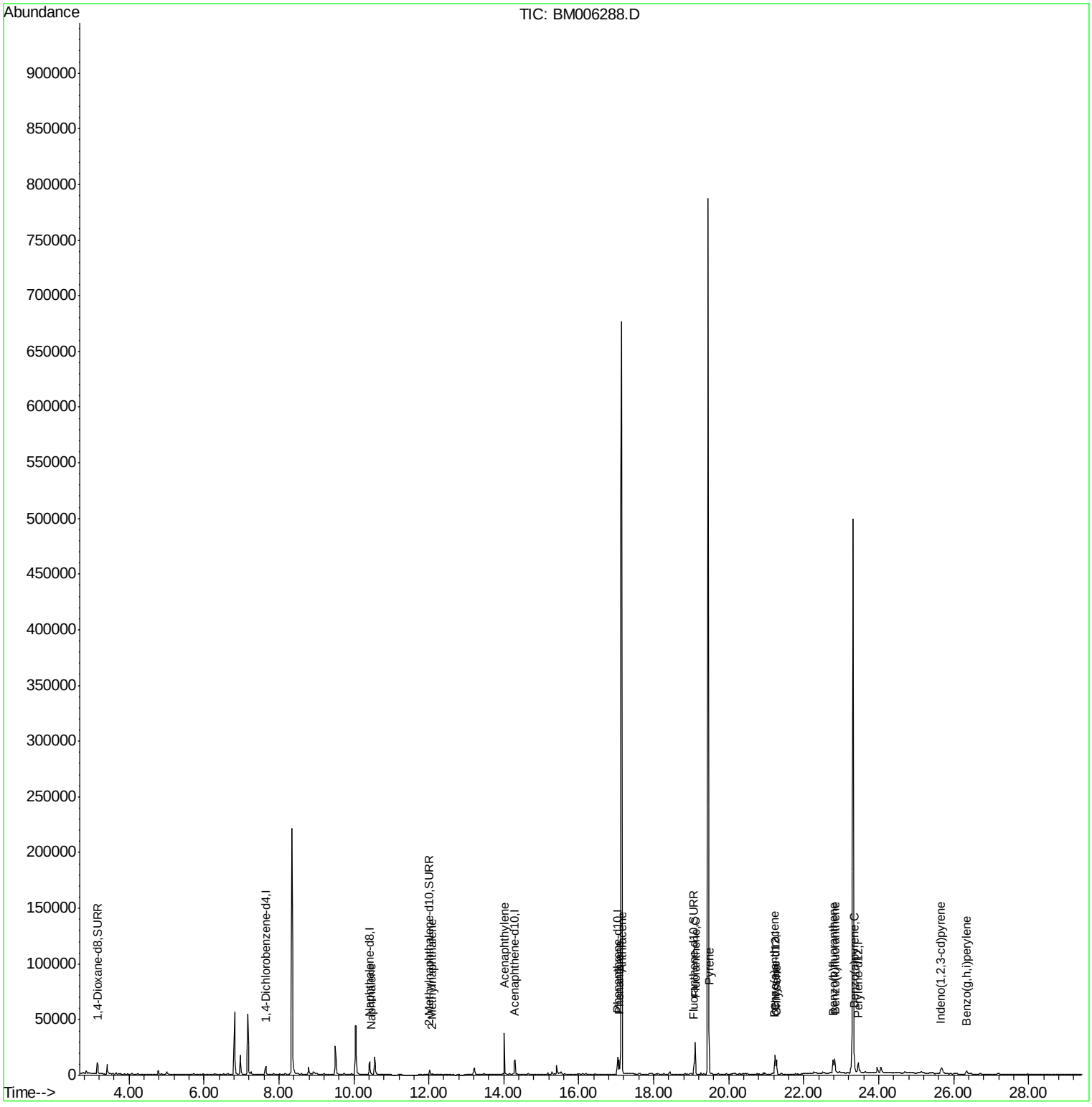
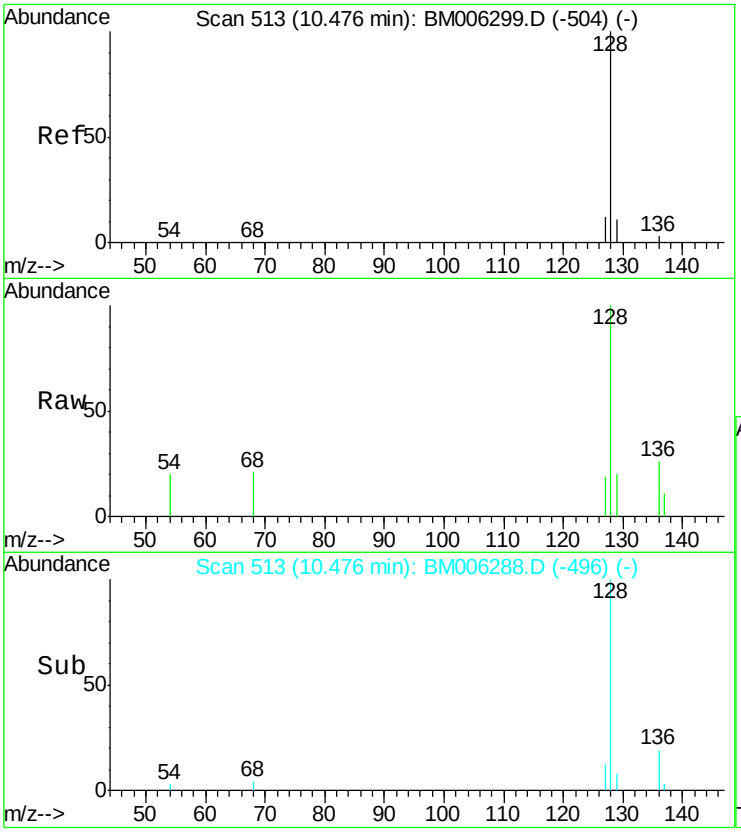
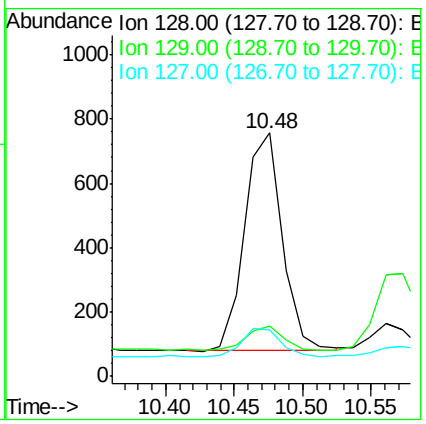




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:128 Resp: 1287

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.0	13.6#
127	19.2	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4TV2

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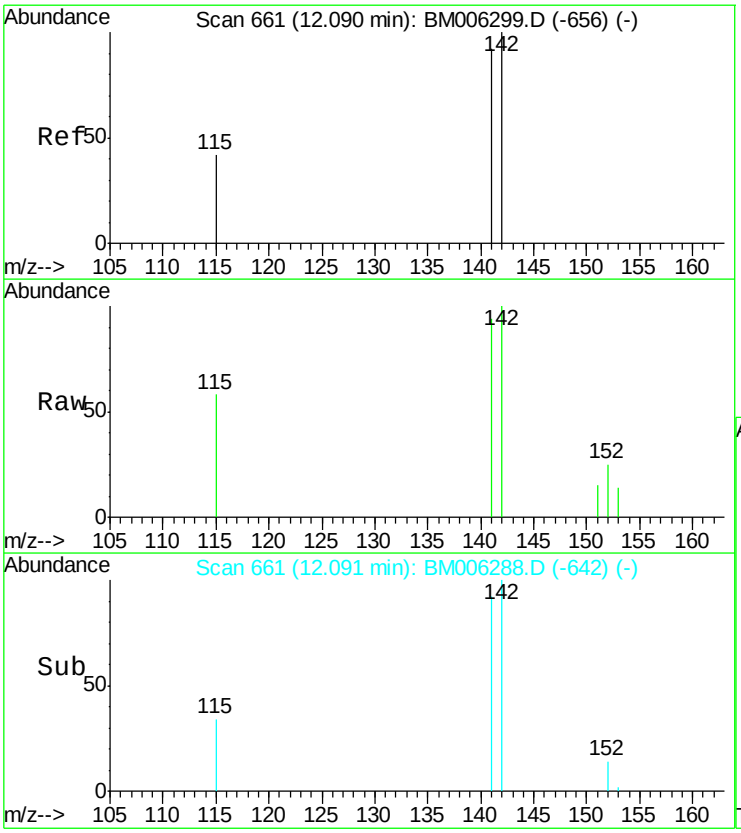
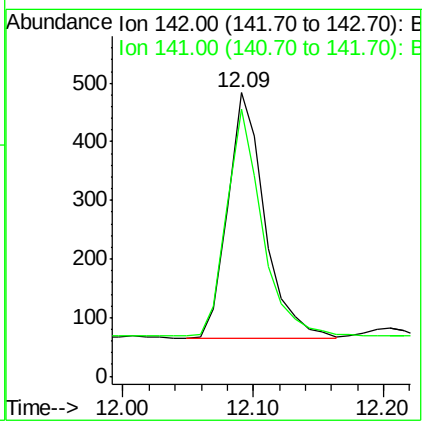
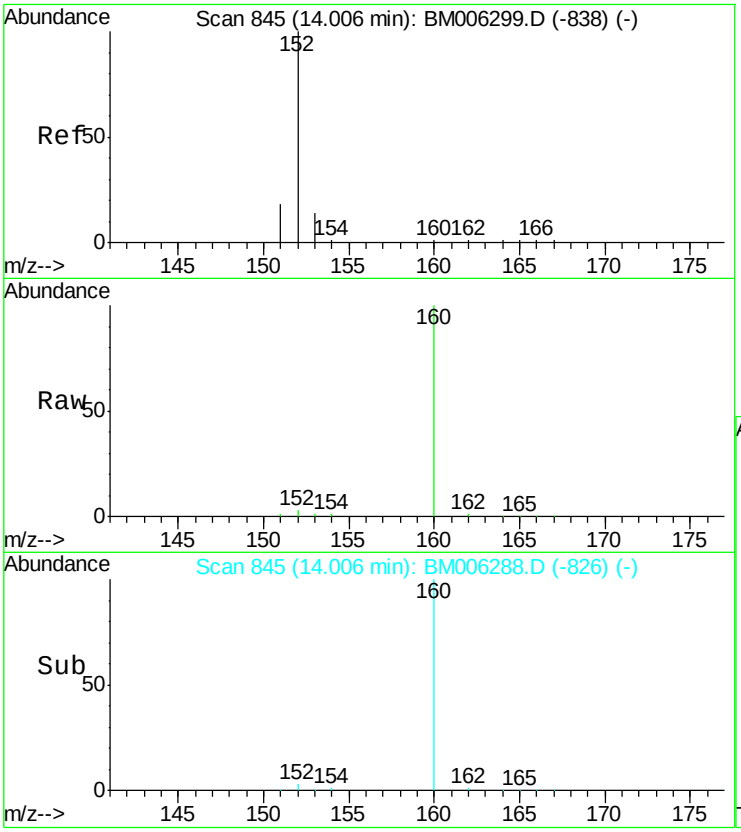


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:142 Resp: 831

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5

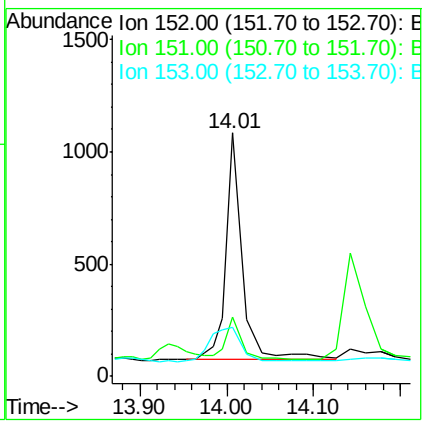




#9
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:152 Resp: 1358

Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.6	26.4
153	20.0	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4TV2

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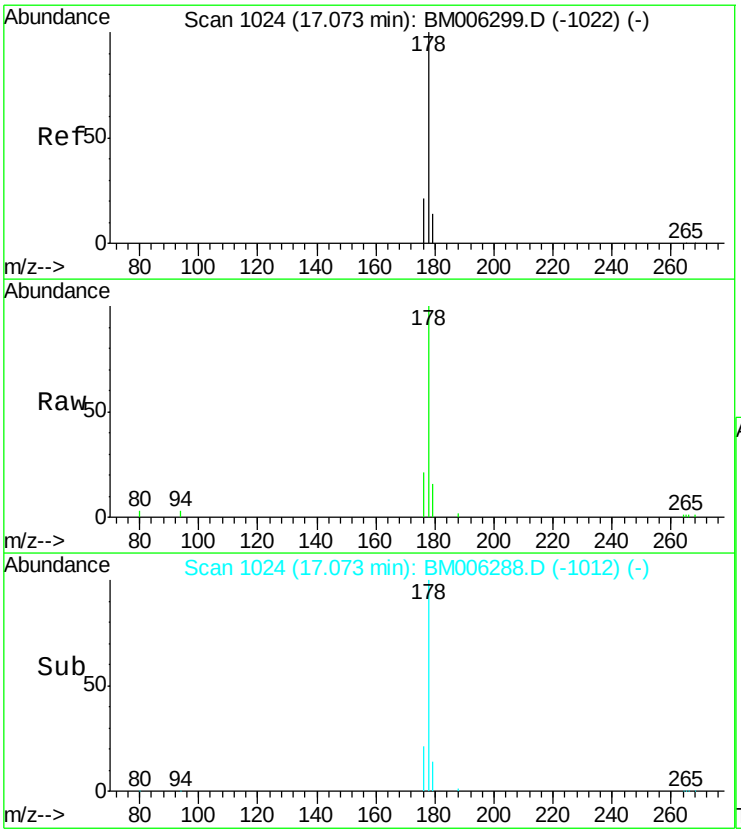
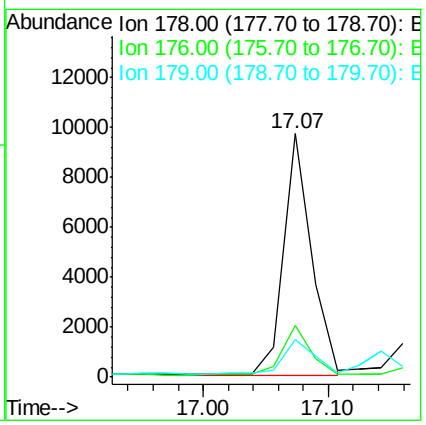
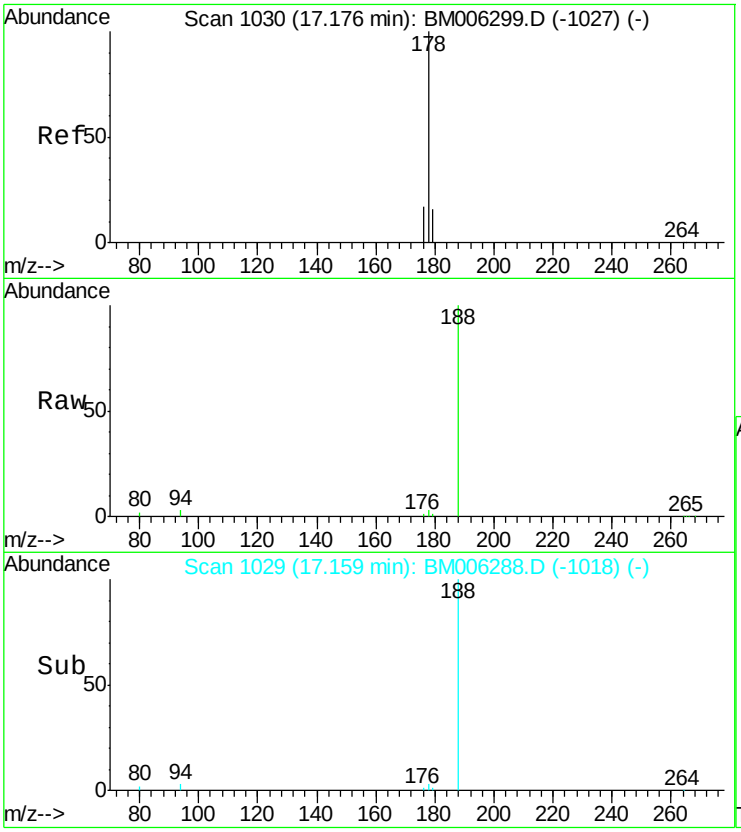


#14
Phenanthrene
Concen: 0.28 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:178 Resp: 15040

Ion	Ratio	Lower	Upper
178	100		
176	21.4	13.0	19.4#
179	15.6	14.2	21.2

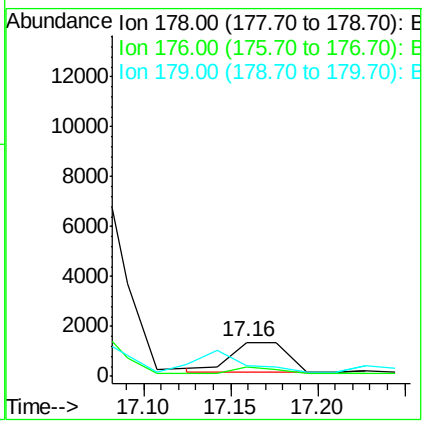




#15
Anthracene
Concen: 0.06 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:178 Resp: 2771

Ion	Ratio	Lower	Upper
178	100		
176	27.1	14.0	21.0#
179	30.8	12.9	19.3#



Instrument :
BNA_M
ClientSampleId :
A4TV2

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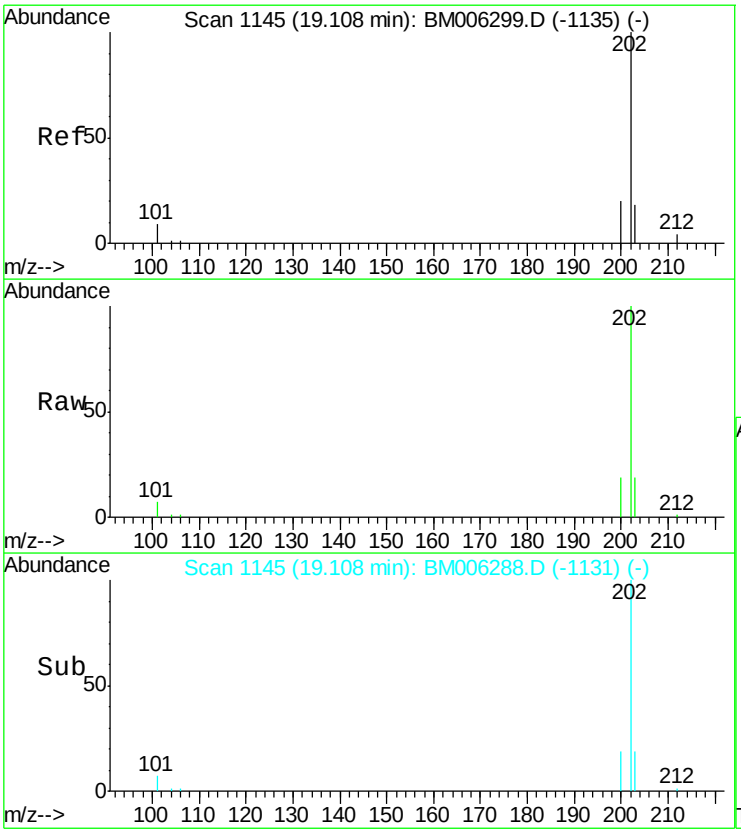
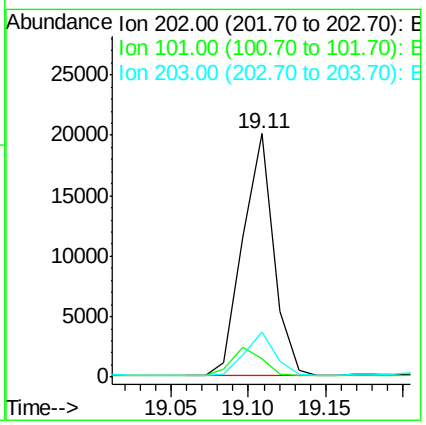
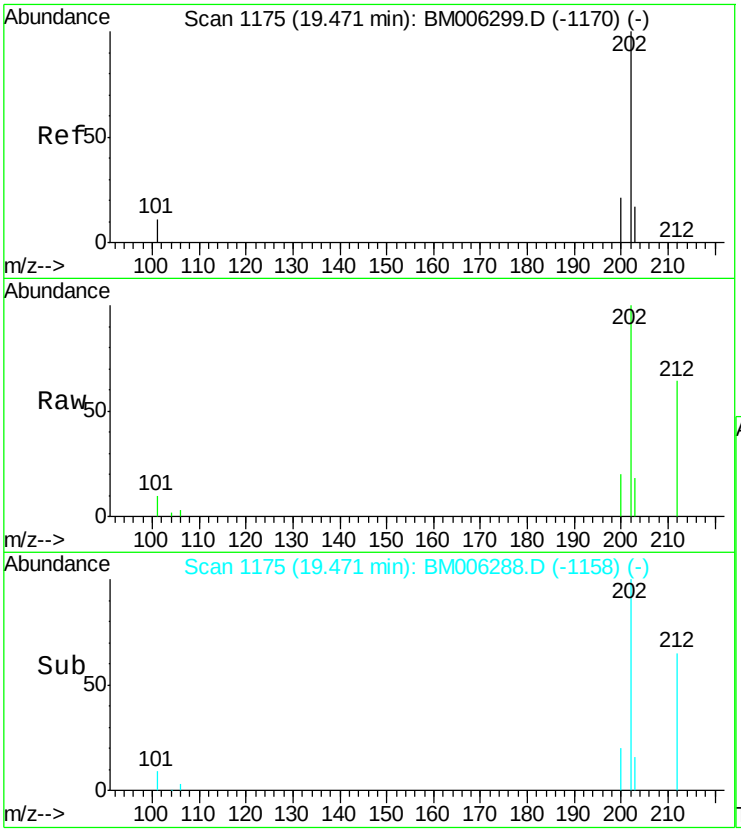


#17
Fluoranthene
Concen: 0.48 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:202 Resp: 27969

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.6
203	18.7	0.0	36.3

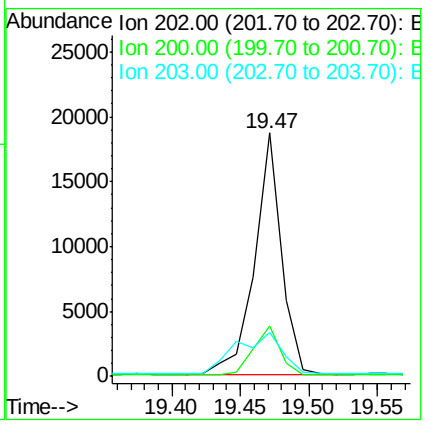




#19
Pyrene
Concen: 0.48 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:202 Resp: 25434

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.8
203	18.3	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4TV2

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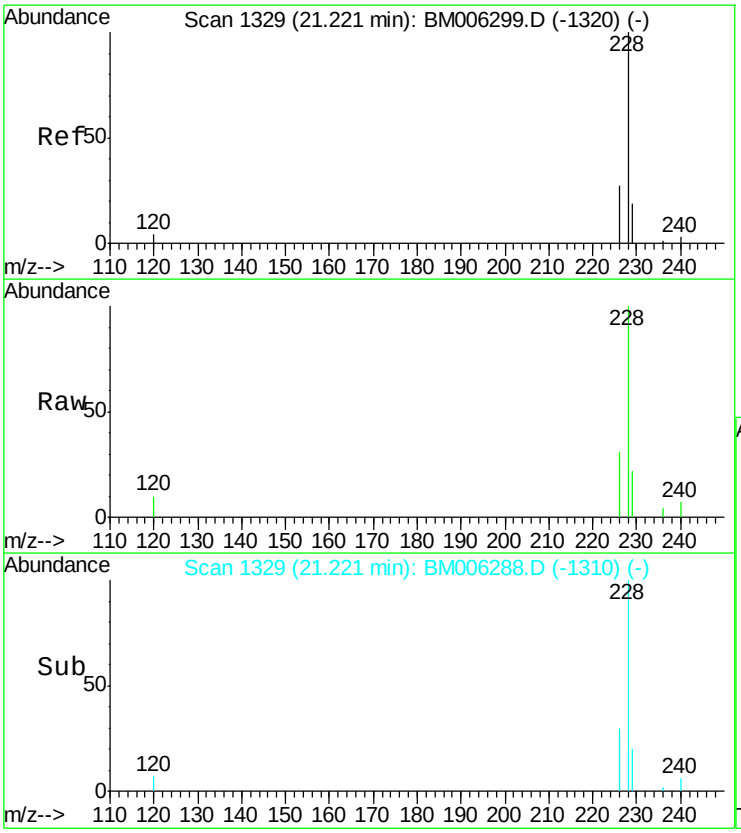
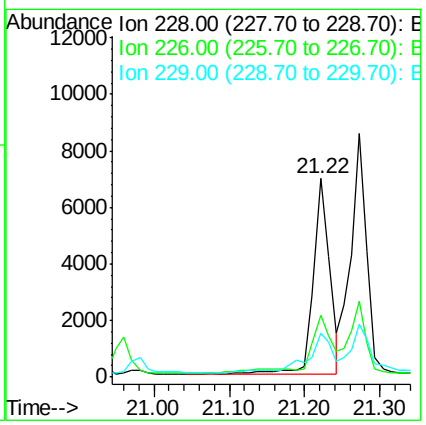
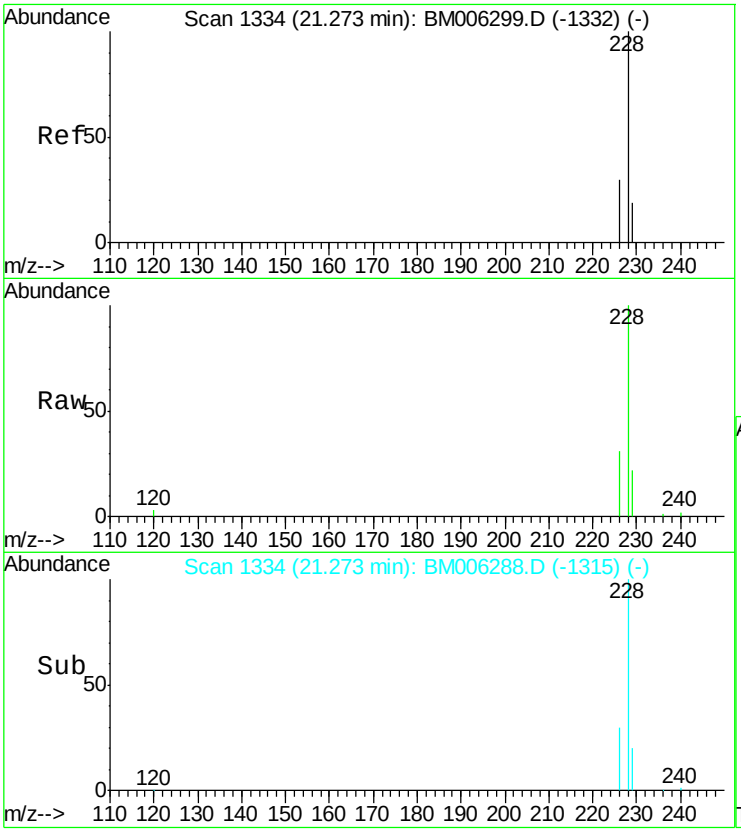


#20
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:228 Resp: 10181

Ion	Ratio	Lower	Upper
228	100		
226	31.2	18.8	28.2#
229	22.1	17.1	25.7

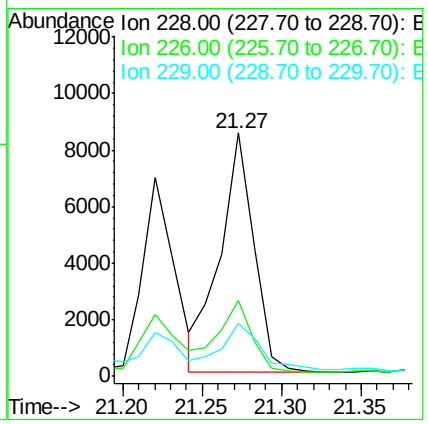




#21
Chrysene
Concen: 0.31 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:228 Resp: 12513

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.2	31.8
229	21.9	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4TV2

Manual Integrations
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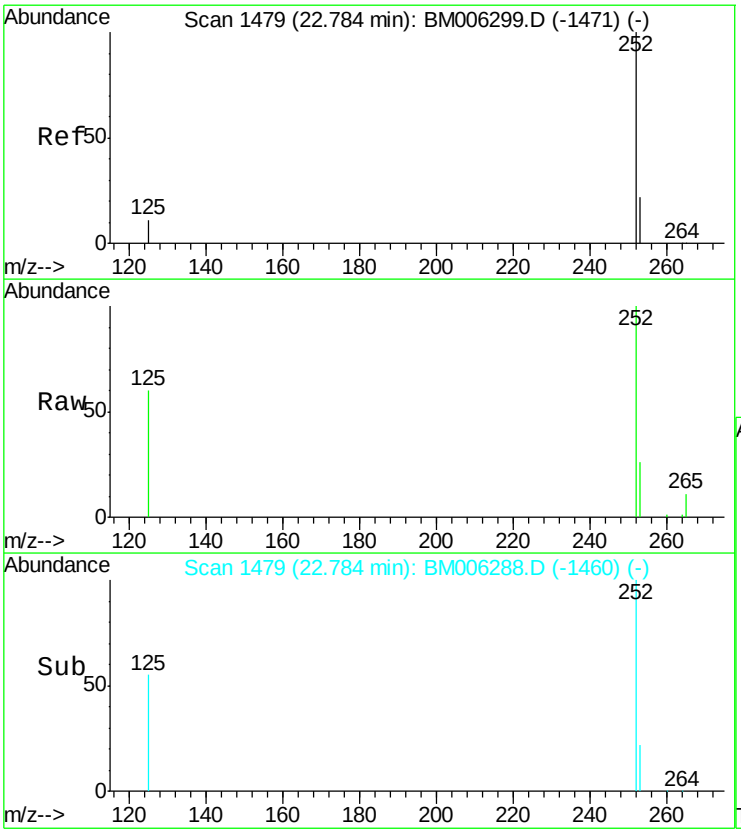
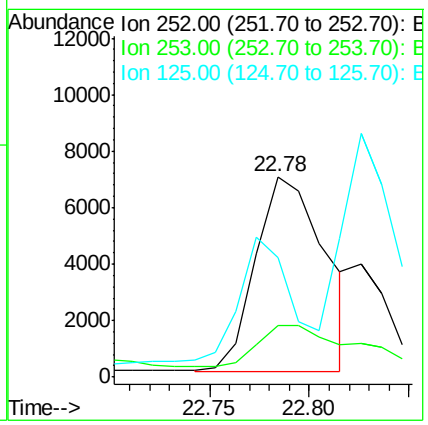
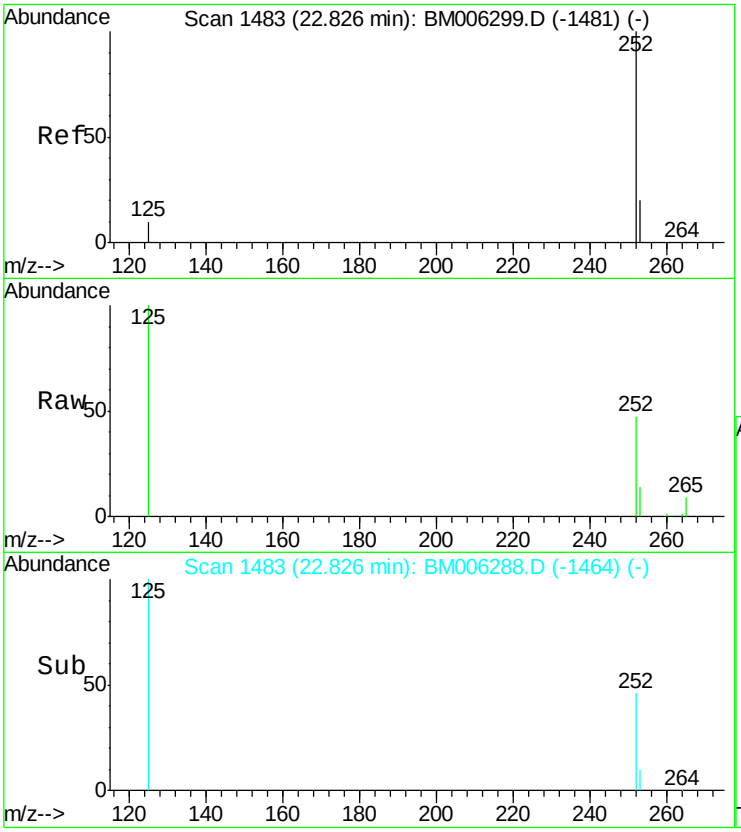


#23
Benzo(b)fluoranthene
Concen: 0.43 ng/ul m
RT: 22.78 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:252 Resp: 16651

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	45.4
125	59.6	0.0	28.8#





#24
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Instrument :
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ClientSampleId :
A4TV2

Manual Integrations
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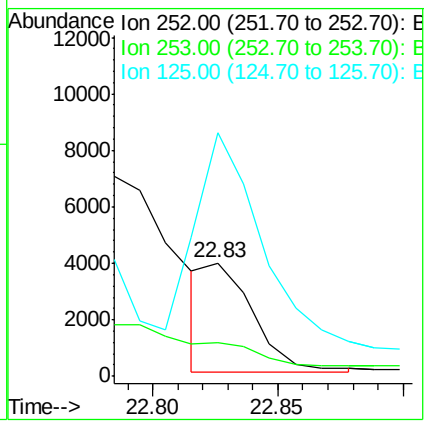
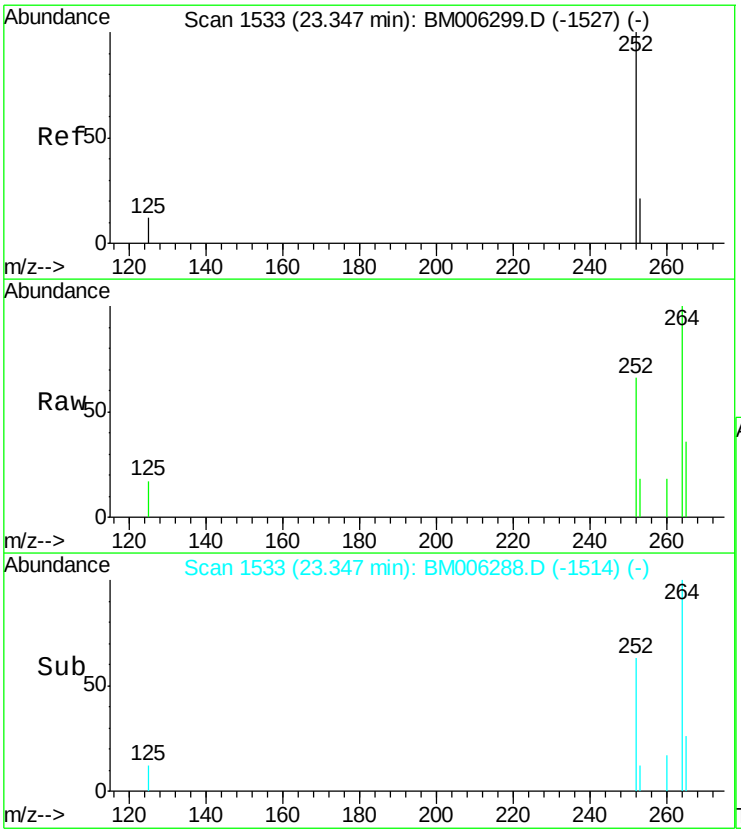
Tgt Ion:252 Resp: 5201

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.8	29.8#
125	214.9	10.4	15.6#

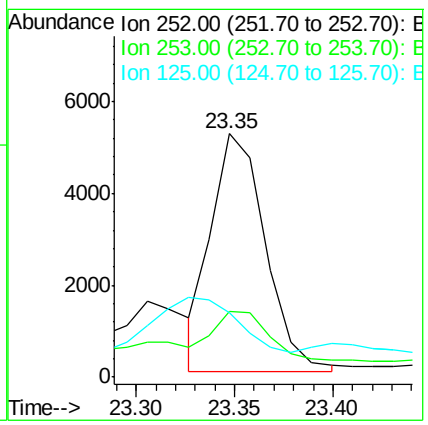


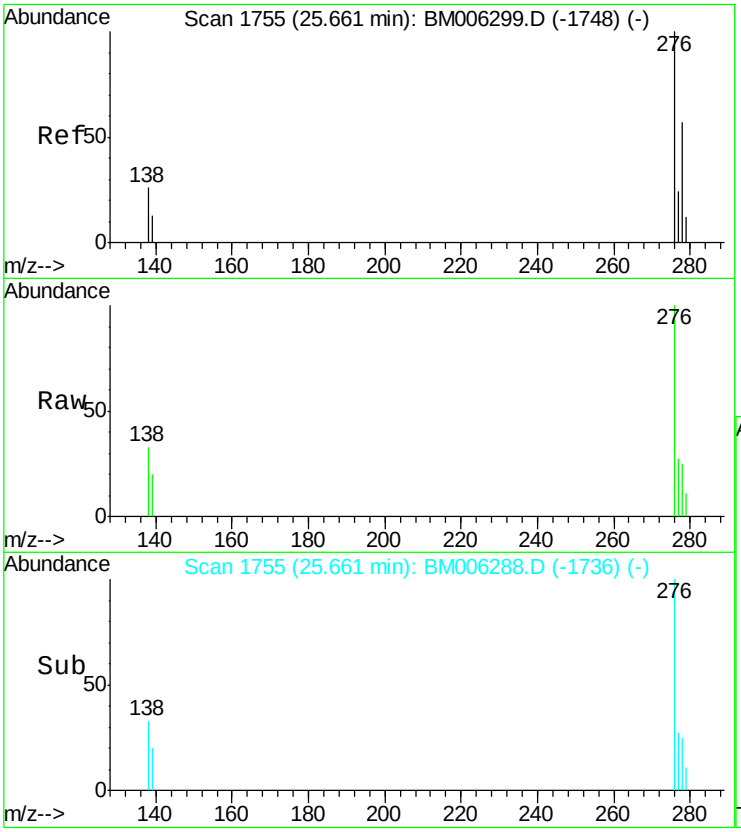


#25
Benzo(a)pyrene
Concen: 0.28 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:252 Resp: 9889

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.4	29.2
125	26.4	12.7	19.1#

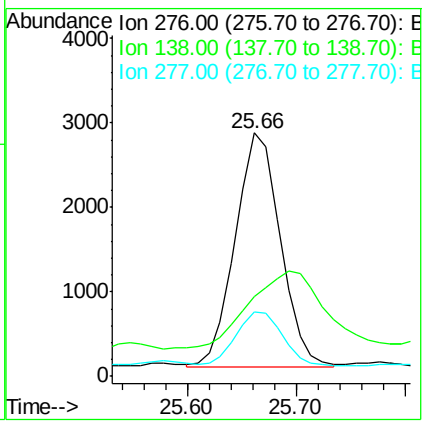




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:276 Resp: 7938

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



Instrument :
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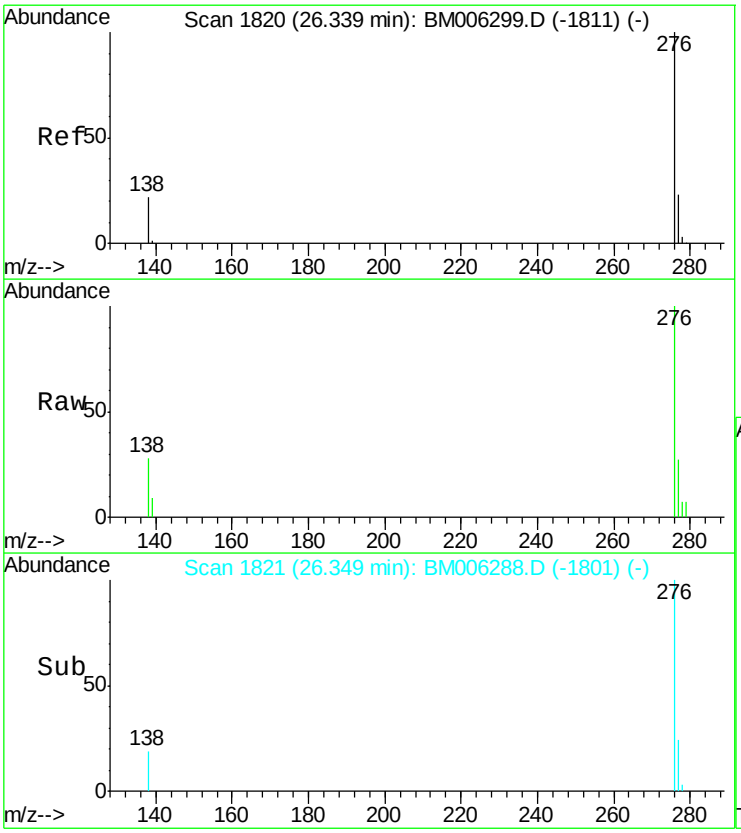

#28
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul m
RT: 26.35 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM006288.D
Acq: 06 Jul 2016 18:26

Tgt Ion:276 Resp: 7759

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.9	28.3
138	28.4	22.5	33.7