Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008176.D
Acq On : 03 Dec 2016 02:59
Operator : UM/SJ
Sample : H5730-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WG8DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:17 AM

Quant Time: Dec 03 05:00:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	429	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	1336	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	722	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1325	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1470m	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1538	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	86	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.12	212	224m	0.06	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.54	128	227	0.06	ng/ul#	37
5) 2-Methylnaphthalene	12.18	142	104	0.04	ng/ul	95
7) Acenaphthylene	14.04	152	2891	0.89	ng/ul	95
8) Acenaphthene	14.40	153	149	0.06	ng/ul#	82
9) Fluorene	15.39	166	310	0.11	ng/ul#	80
12) Phenanthrene	17.12	178	3557	0.86	ng/ul	95
13) Anthracene	17.21	178	1607m	0.41	ng/ul	
15) Fluoranthene	19.14	202	13151	2.47	ng/ul	94
17) Pyrene	19.51	202	18274	3.58	ng/ul	97
18) Benzo(a)anthracene	21.26	228	10923	2.42	ng/ul	94
19) Chrysene	21.31	228	11103	1.98	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	12321m	2.01	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	4437m	0.70	ng/ul	
23) Benzo(a)pyrene	23.41	252	11654m	2.03	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	7112	1.00	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.76	278	1713	0.30	ng/ul#	84
26) Benzo(g,h,i)perylene	26.44	276	7303	1.16	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008176.D
Acq On : 03 Dec 2016 02:59
Operator : UM/SJ
Sample : H5730-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 05:00:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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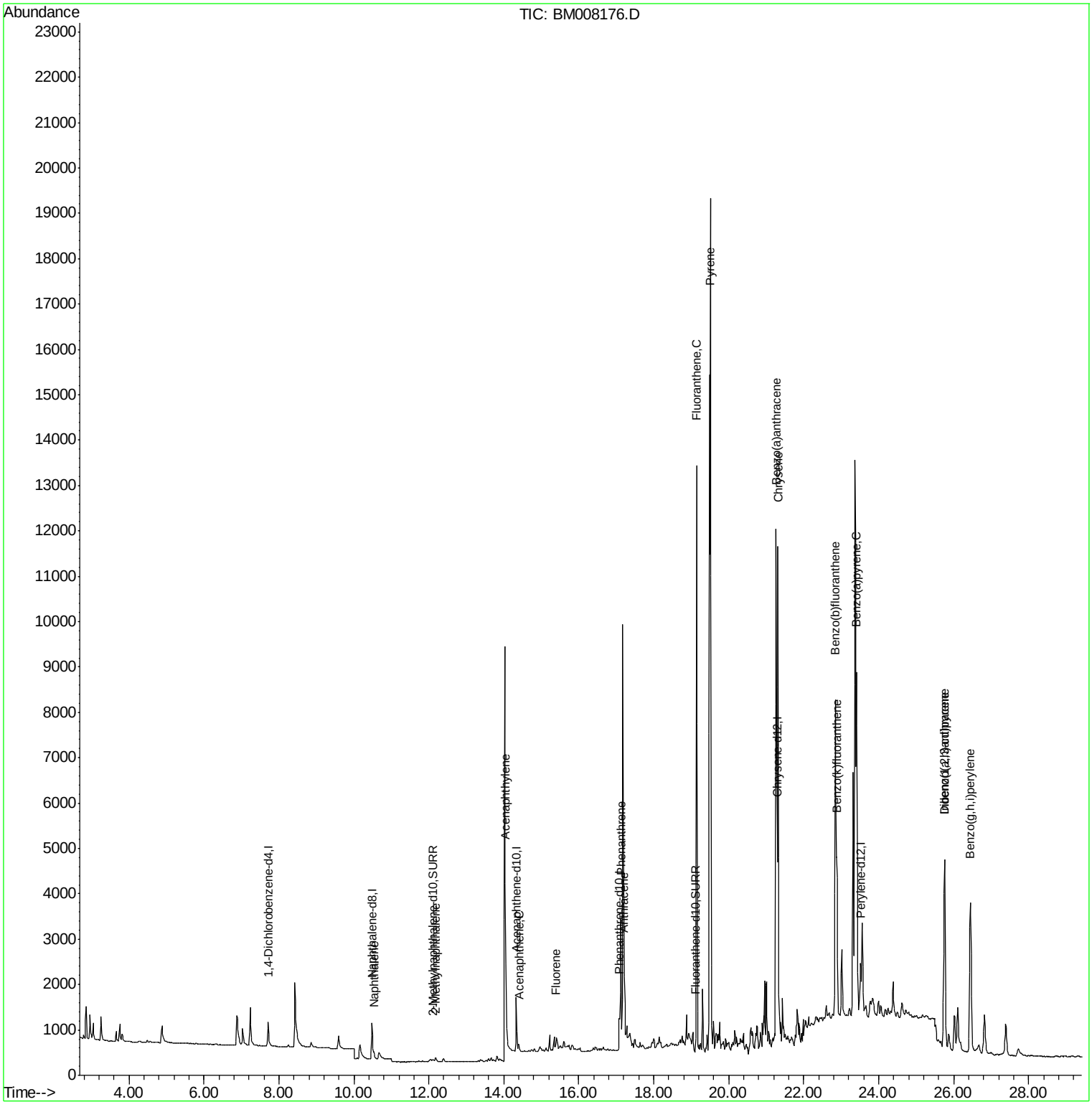
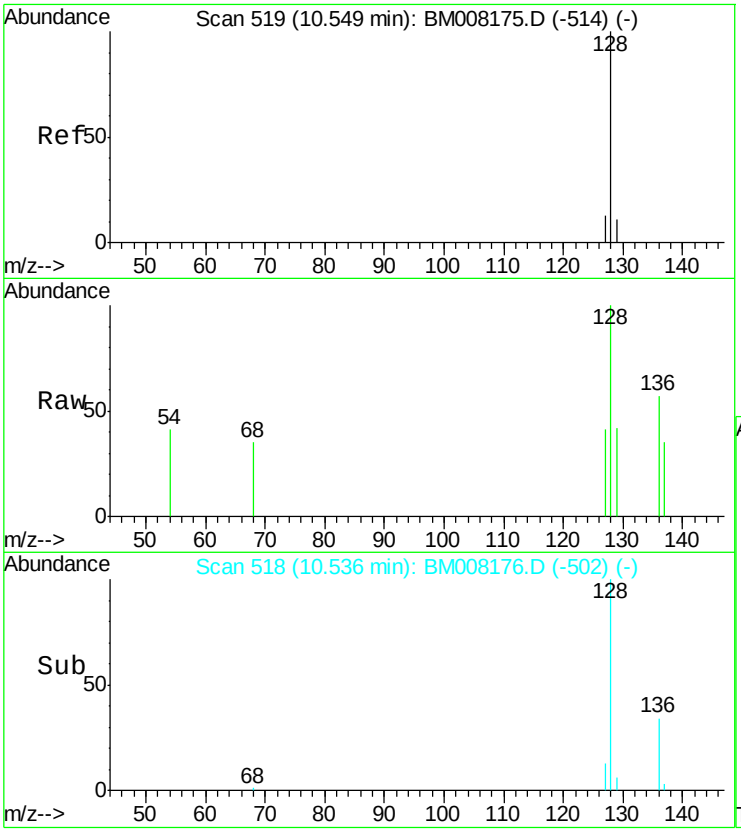
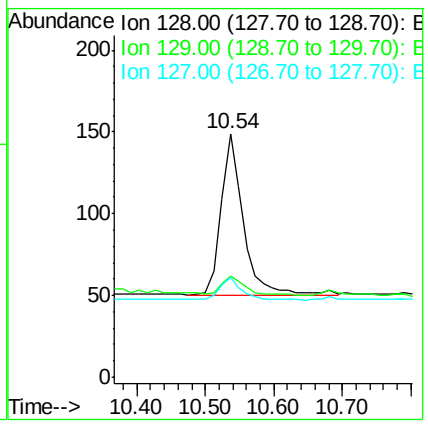




#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:128 Resp: 227

Ion	Ratio	Lower	Upper
128	100		
129	41.6	11.3	16.9#
127	40.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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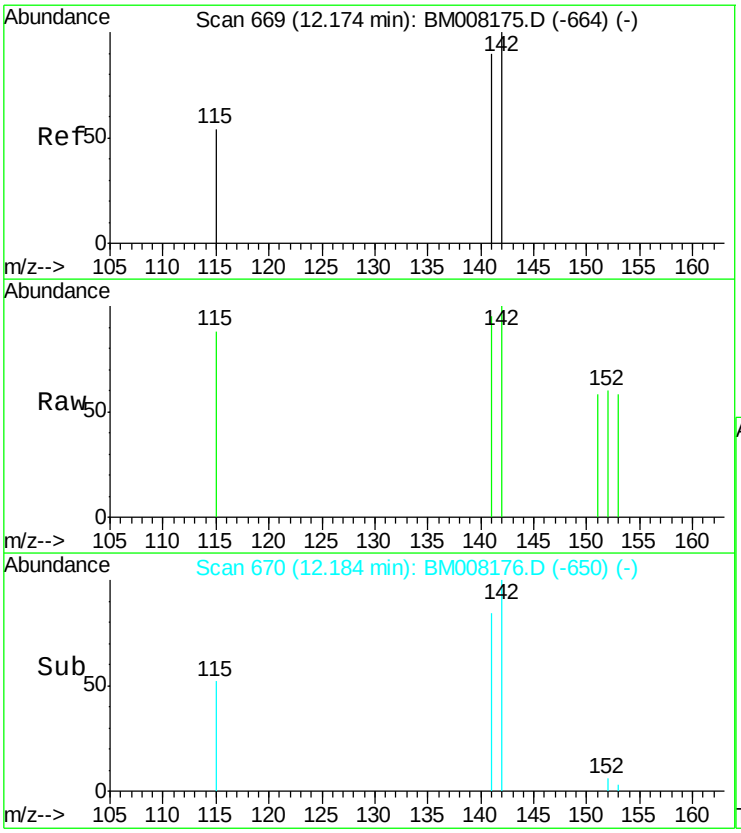
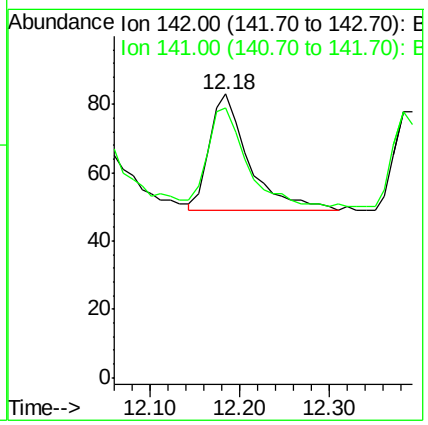
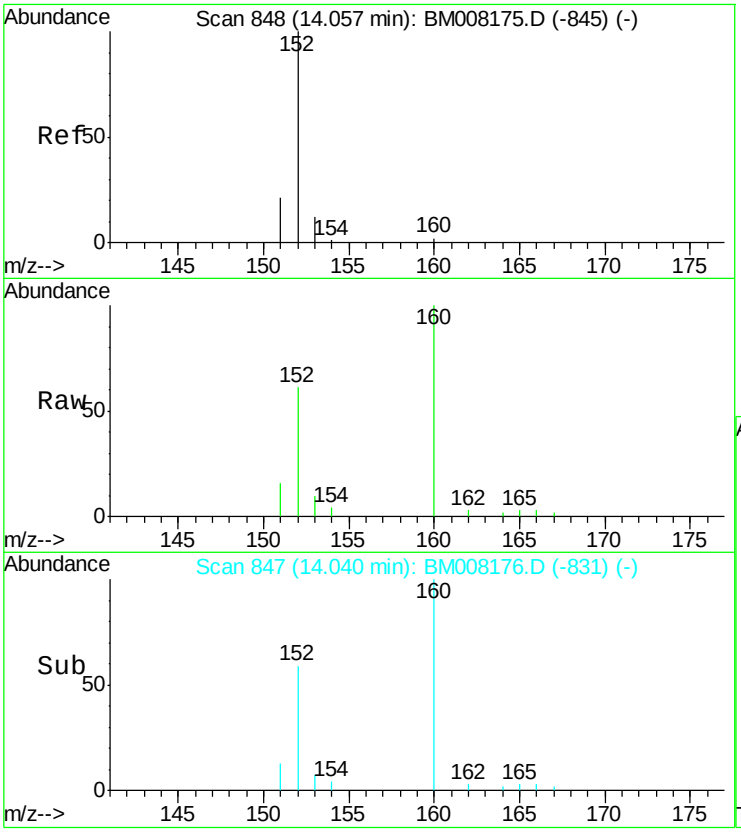


#5
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.18 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:142 Resp: 104

Ion	Ratio	Lower	Upper
142	100		
141	85.6	72.6	108.8

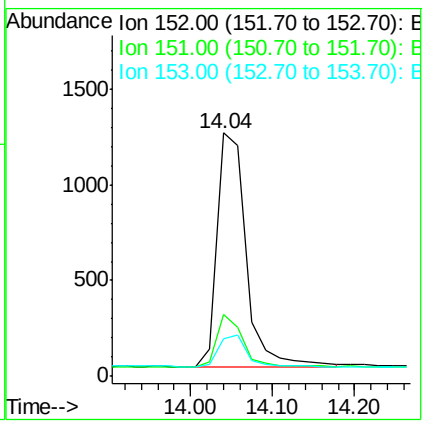




#7
Acenaphthylene
Concen: 0.89 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:152 Resp: 2891

Ion	Ratio	Lower	Upper
152	100		
151	25.4	17.1	25.7
153	15.6	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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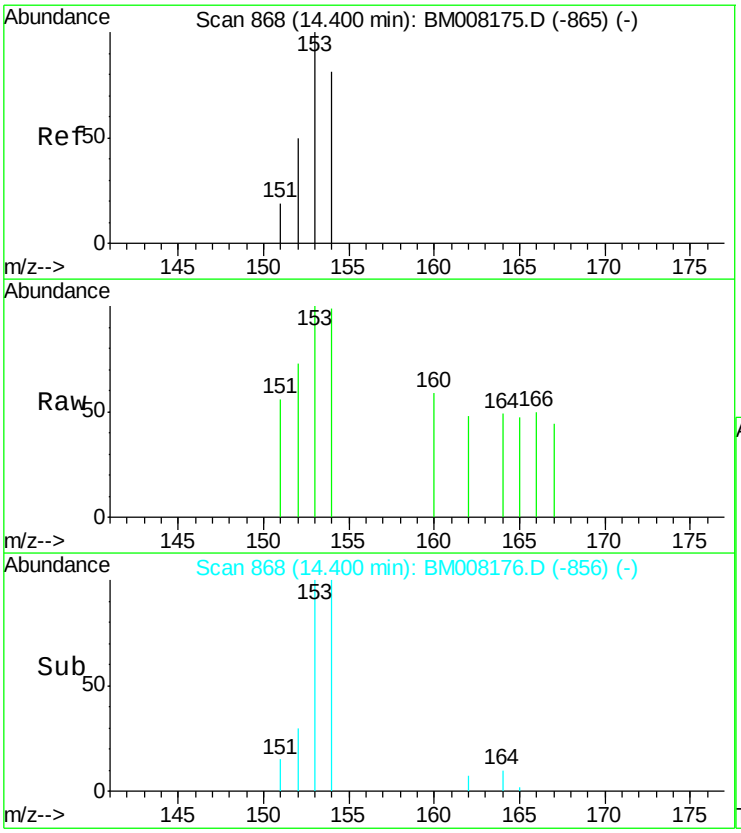
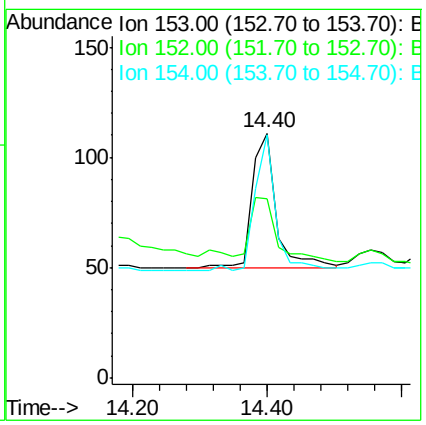
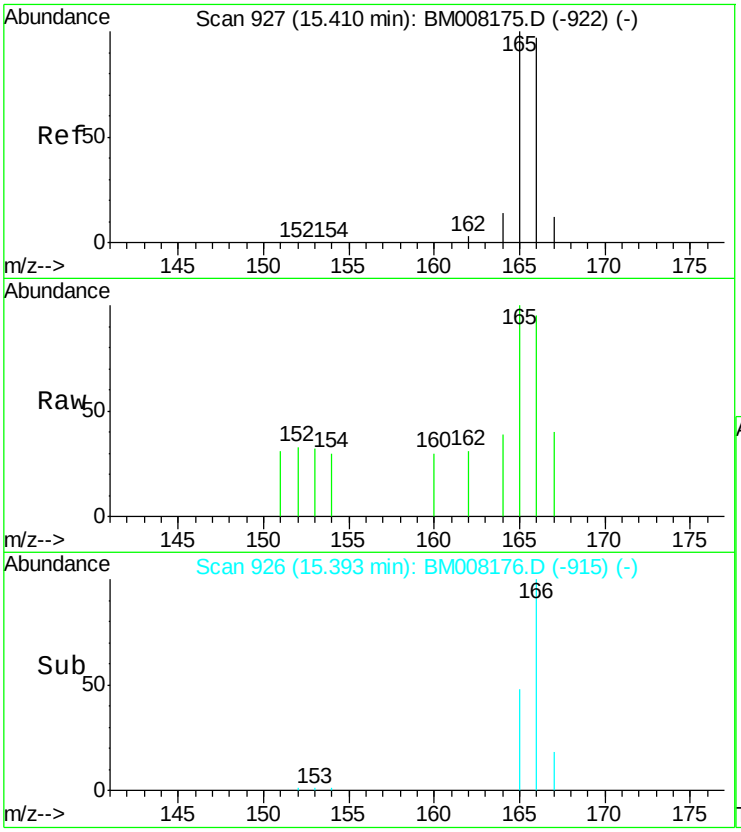


#8
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:153 Resp: 149

Ion	Ratio	Lower	Upper
153	100		
152	73.0	40.3	60.5#
154	99.1	71.4	107.2

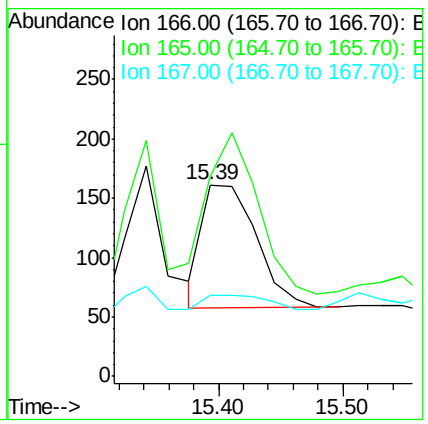




#9
Fluorene
Concen: 0.11 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:166 Resp: 310

Ion	Ratio	Lower	Upper
166	100		
165	105.0	73.4	110.2
167	42.2	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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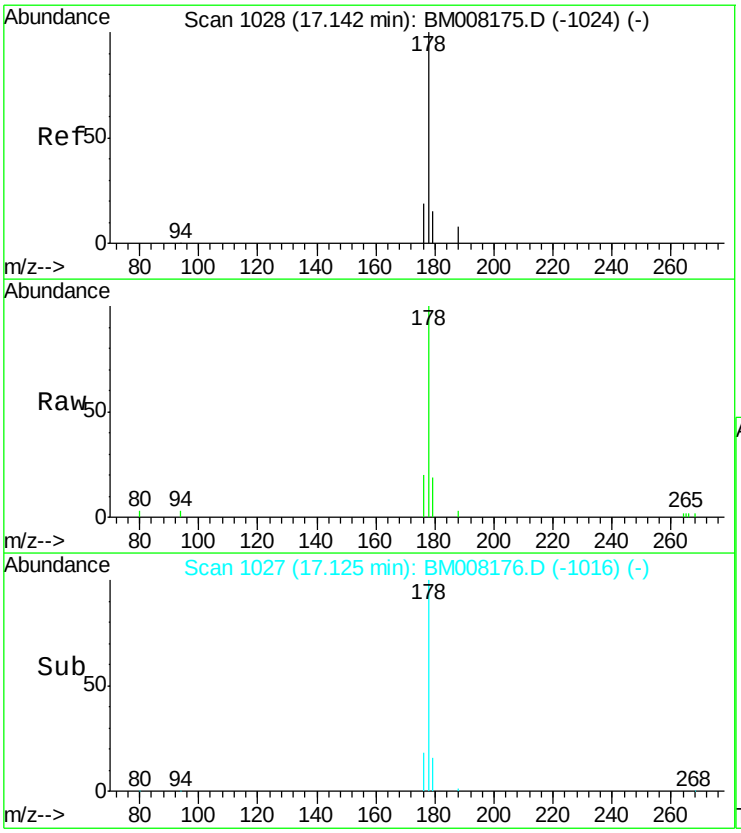
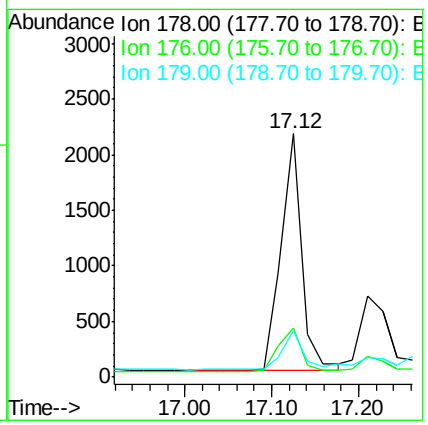
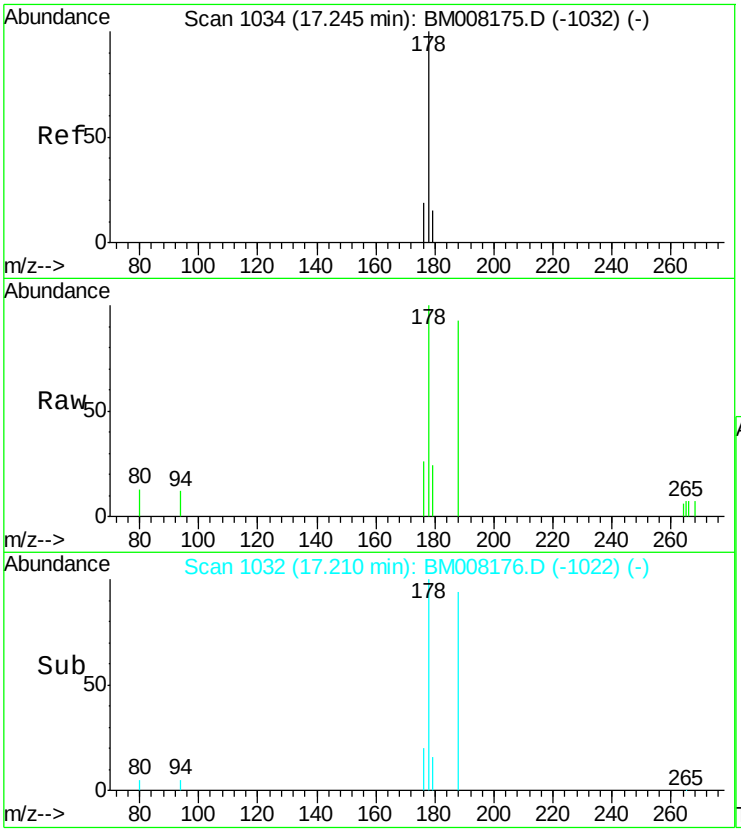


#12
Phenanthrene
Concen: 0.86 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:178 Resp: 3557

Ion	Ratio	Lower	Upper
178	100		
176	20.3	18.4	27.6
179	19.0	13.6	20.4





#13
Anthracene
Concen: 0.41 ng/ul m
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:178 Resp: 1607

Ion	Ratio	Lower	Upper
178	100		
176	26.2	18.1	27.1
179	23.6	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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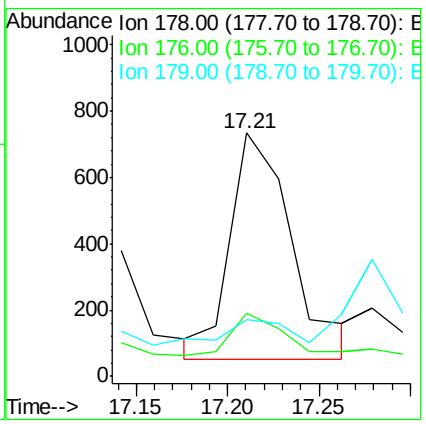
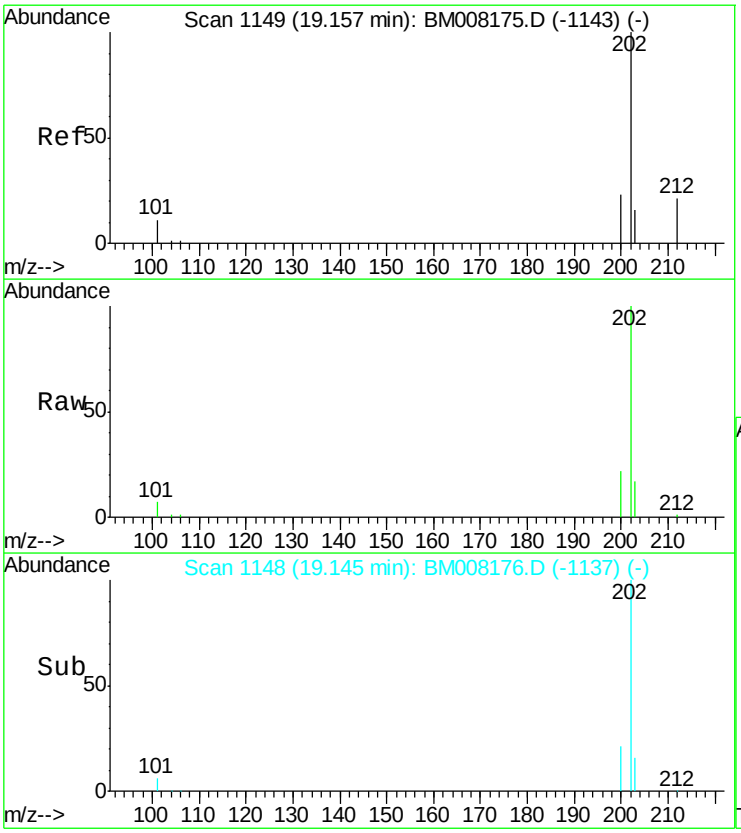
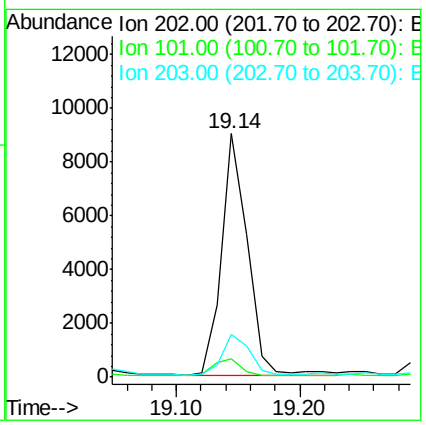


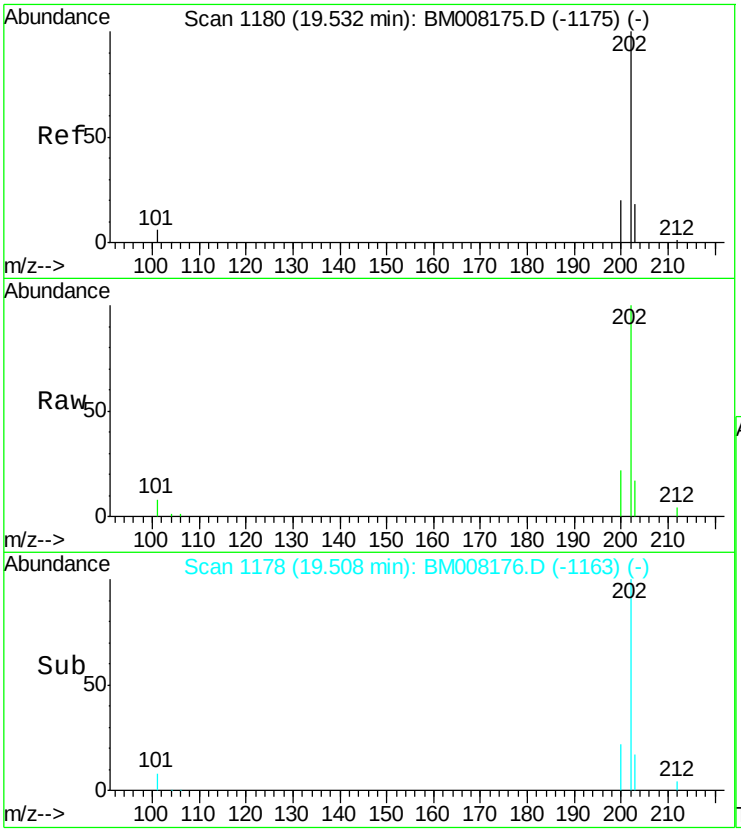


#15
Fluoranthene
Concen: 2.47 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:202 Resp: 13151

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	30.3
203	17.5	0.0	39.5





#17
Pyrene
Concen: 3.58 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:202 Resp: 18274

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	17.4	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
A4WG8DL

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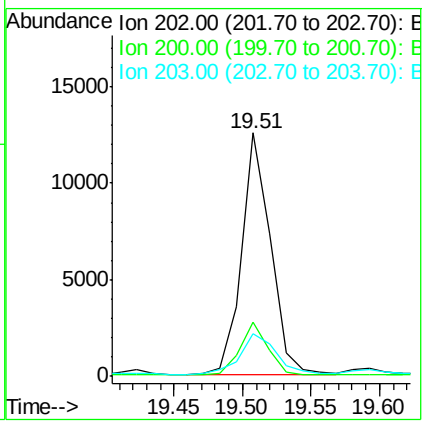
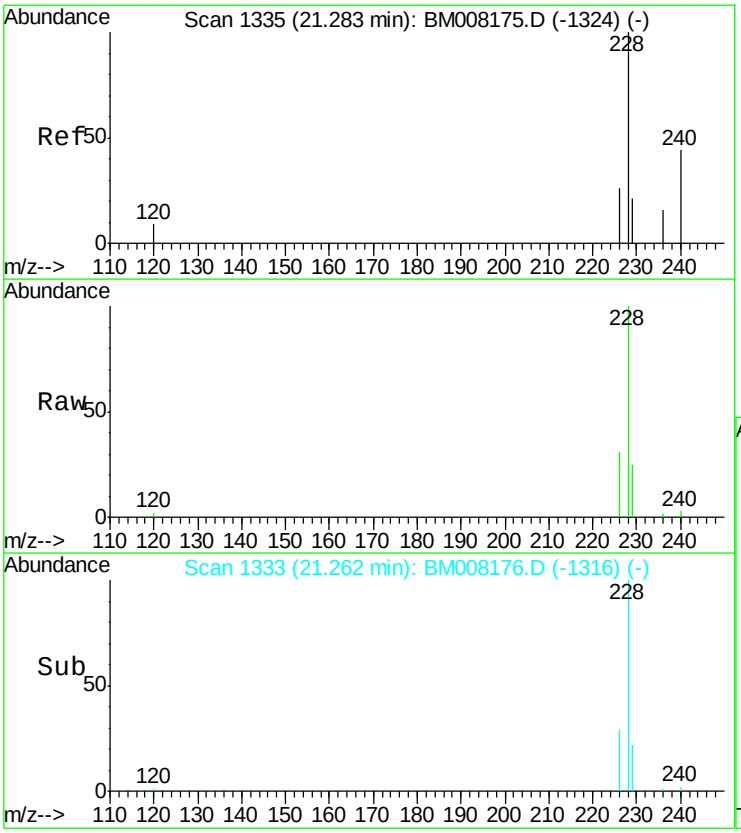
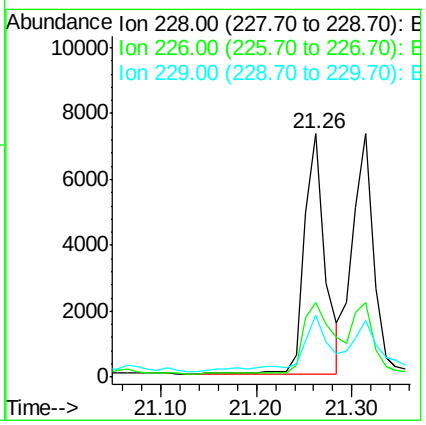


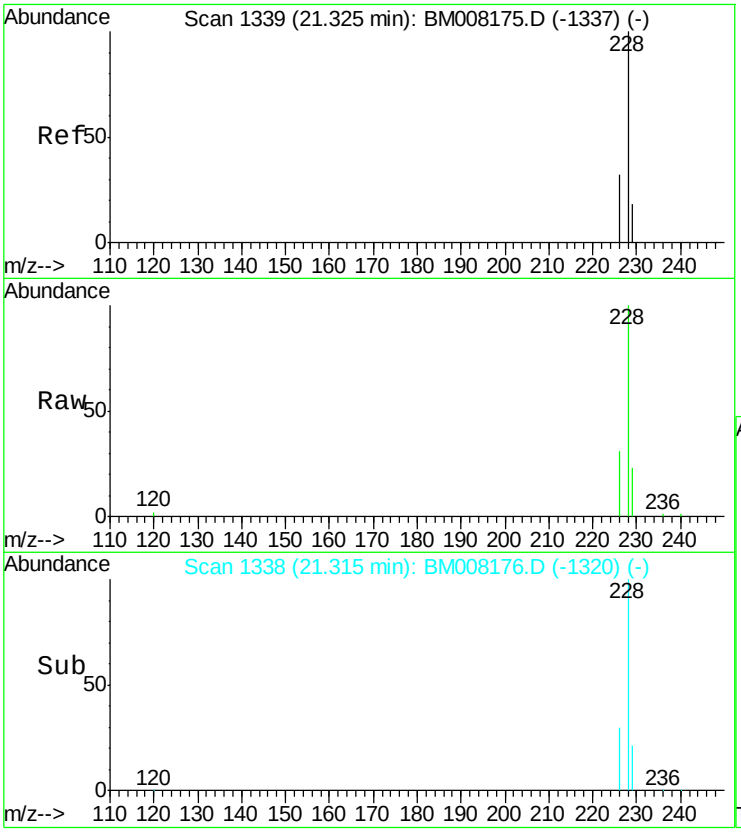


#18
Benzo(a)anthracene
Concen: 2.42 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:228 Resp: 10923

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.8	34.2
229	25.3	17.0	25.6

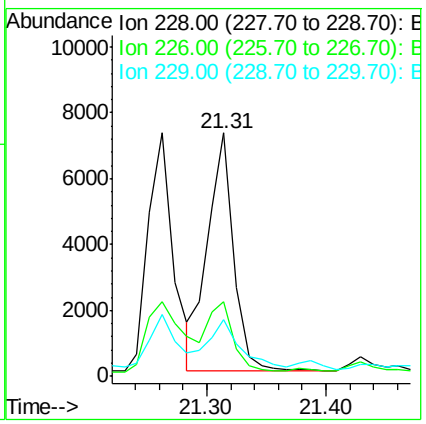




#19
Chrysene
Concen: 1.98 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:228 Resp: 11103

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	23.3	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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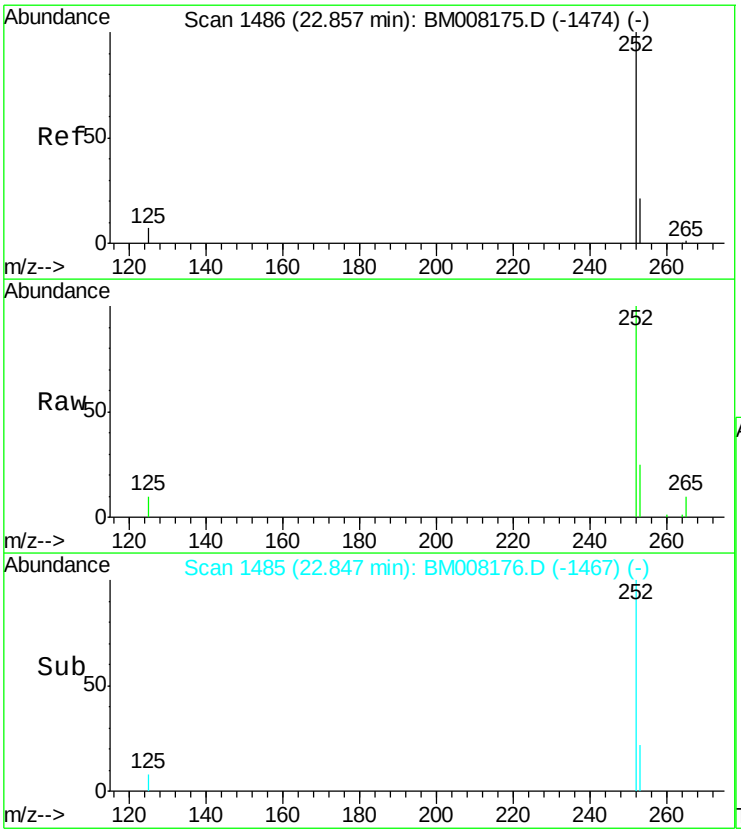
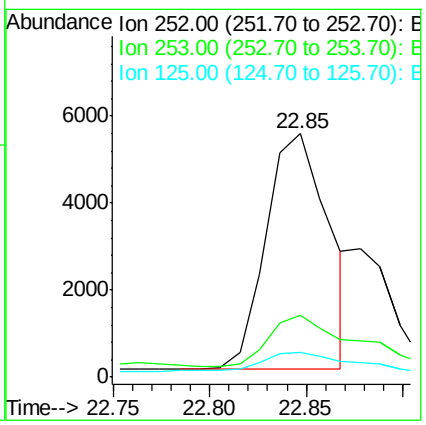
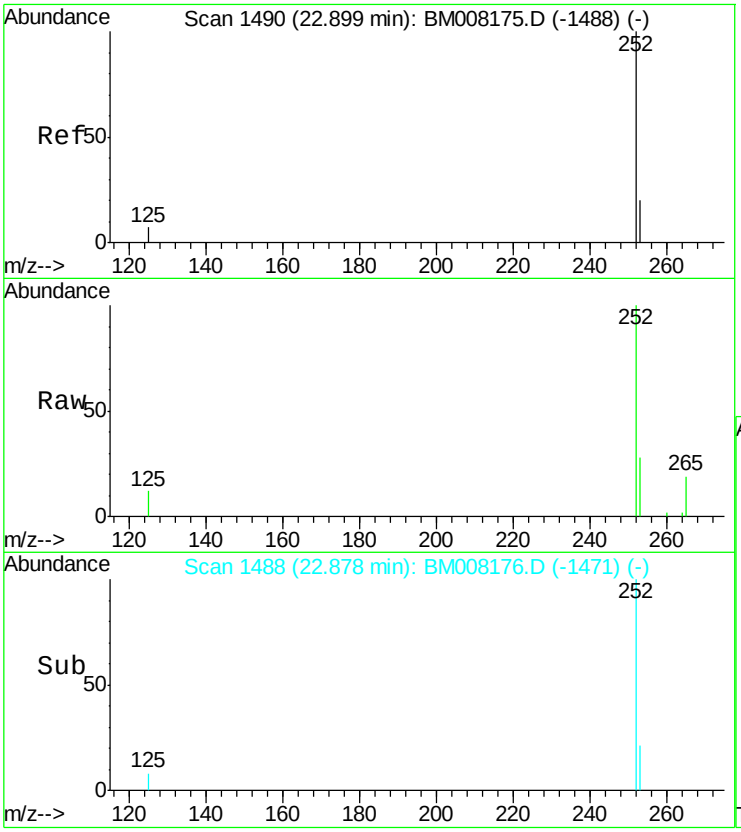


#21
Benzo(b)fluoranthene
Concen: 2.01 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:252 Resp: 12321

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	64.2
125	10.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.70 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:252 Resp: 4437

Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.5	36.7
125	11.8	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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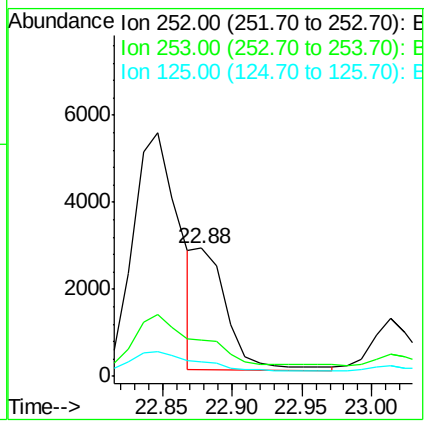
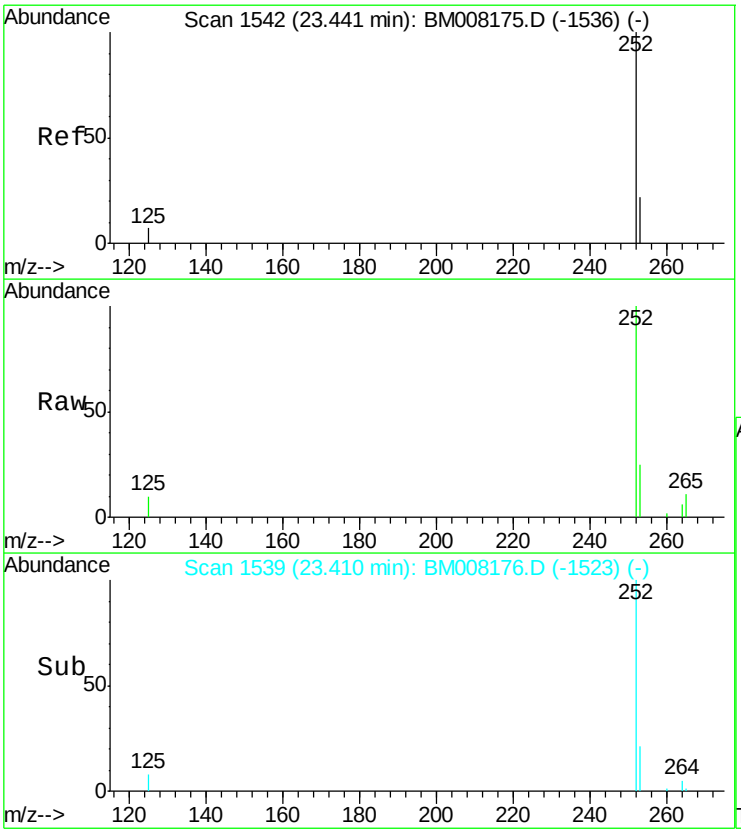
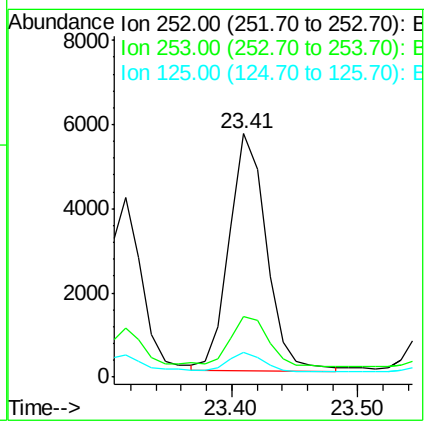


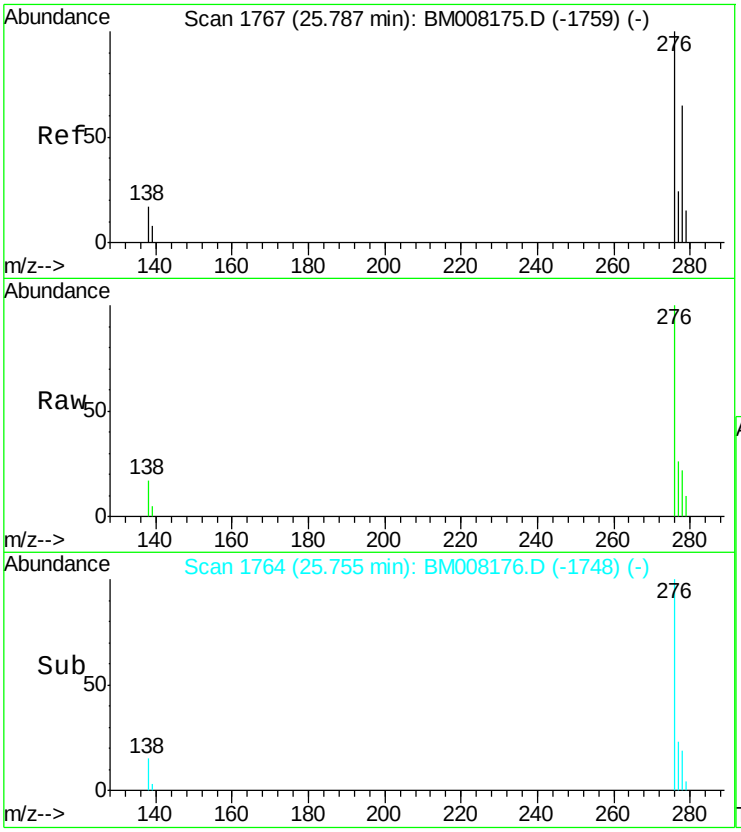


#23
Benzo(a)pyrene
Concen: 2.03 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:252 Resp: 11654

Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	10.1	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.03 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:276 Resp: 7112

Ion	Ratio	Lower	Upper
276	100		
138	15.0	19.1	28.7#
277	23.2	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
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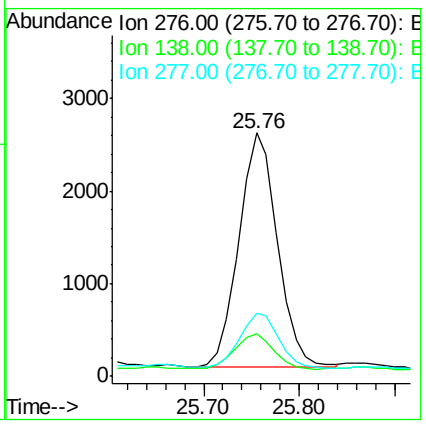
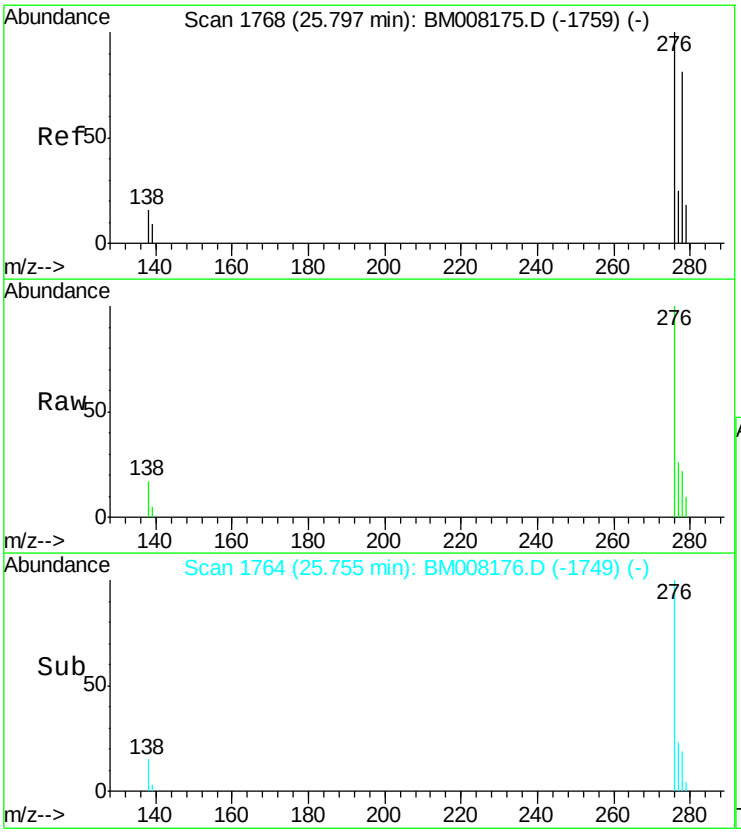
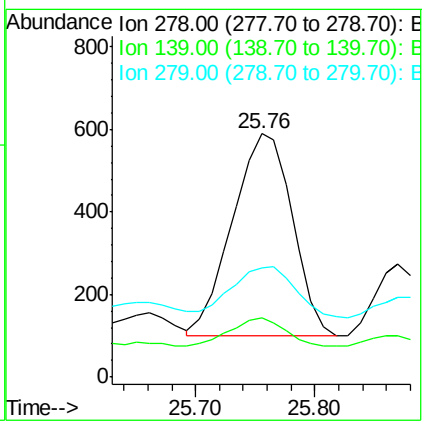


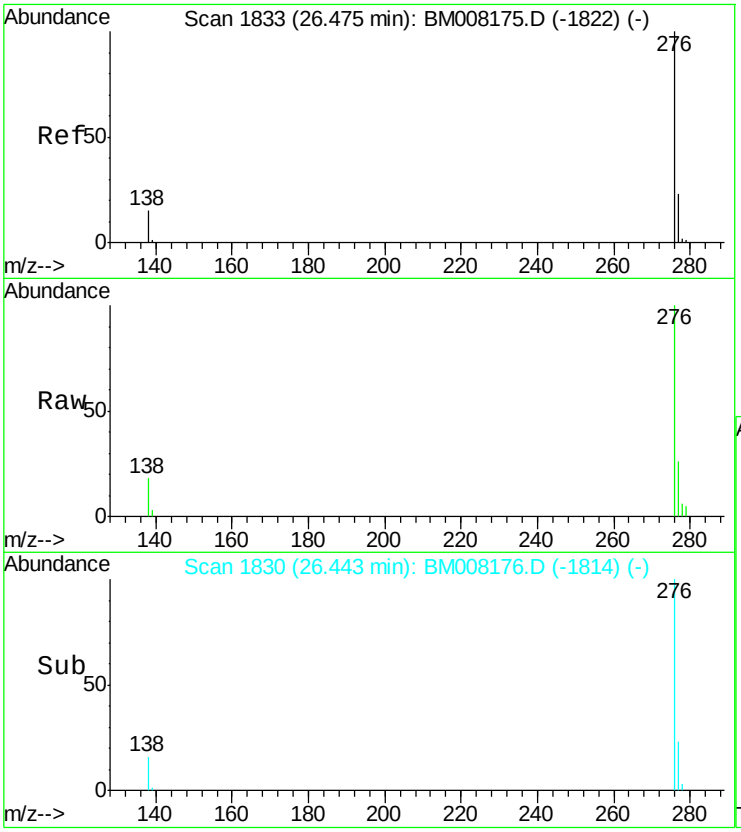


#25
Dibenzo(a,h)anthracene
Concen: 0.30 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.04 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:278 Resp: 1713

Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.4	26.0
279	44.9	25.9	38.9#

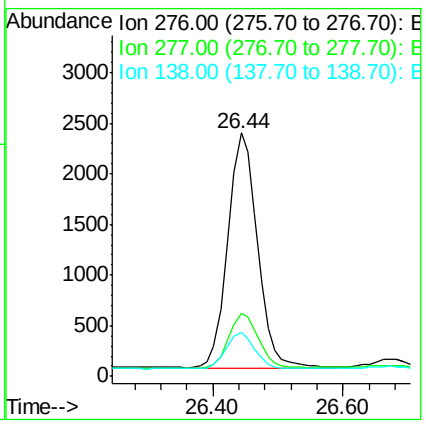




#26
Benzo(g,h,i)perylene
Concen: 1.16 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.03 min
Lab File: BM008176.D
Acq: 03 Dec 2016 02:59

Tgt Ion:276 Resp: 7303

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.8	32.8
138	18.2	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
A4WG8DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:17 AM