Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008068.D
Acq On : 24 Nov 2016 11:30
Operator : UM/SJ
Sample : H5701-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WD7MS

Manual Integrations APPROVED
Umangi
11/28/2016 5:29:58 PM

Quant Time: Nov 25 02:24:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	687	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2365	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1489	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3019m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	3148	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2885	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	605	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1477m	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	37772	5.71	ng/ul#	93
5) 2-Methylnaphthalene	12.15	142	9889	2.32	ng/ul	99
7) Acenaphthylene	14.06	152	6498	0.96	ng/ul	99
8) Acenaphthene	14.40	153	28414	5.54	ng/ul	97
9) Fluorene	15.39	166	34625	5.88	ng/ul#	87
11) Pentachlorophenol	16.76	266	171	0.16	ng/ul	95
12) Phenanthrene	17.12	178	369182	39.27	ng/ul	95
13) Anthracene	17.23	178	102249	11.58	ng/ul#	91
15) Fluoranthene	19.16	202	442358	36.45	ng/ul	93
17) Pyrene	19.52	202	372699	34.10	ng/ul	96
18) Benzo(a)anthracene	21.26	228	221187	22.89	ng/ul	95
19) Chrysene	21.31	228	169249	14.08	ng/ul	92
21) Benzo(b)fluoranthene	22.86	252	220706m	19.17	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	75903m	6.39	ng/ul	
23) Benzo(a)pyrene	23.42	252	160859	14.91	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.77	276	96720	7.25	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.78	278	26627	2.49	ng/ul#	90
26) Benzo(g,h,i)perylene	26.45	276	79639	6.73	ng/ul#	88

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

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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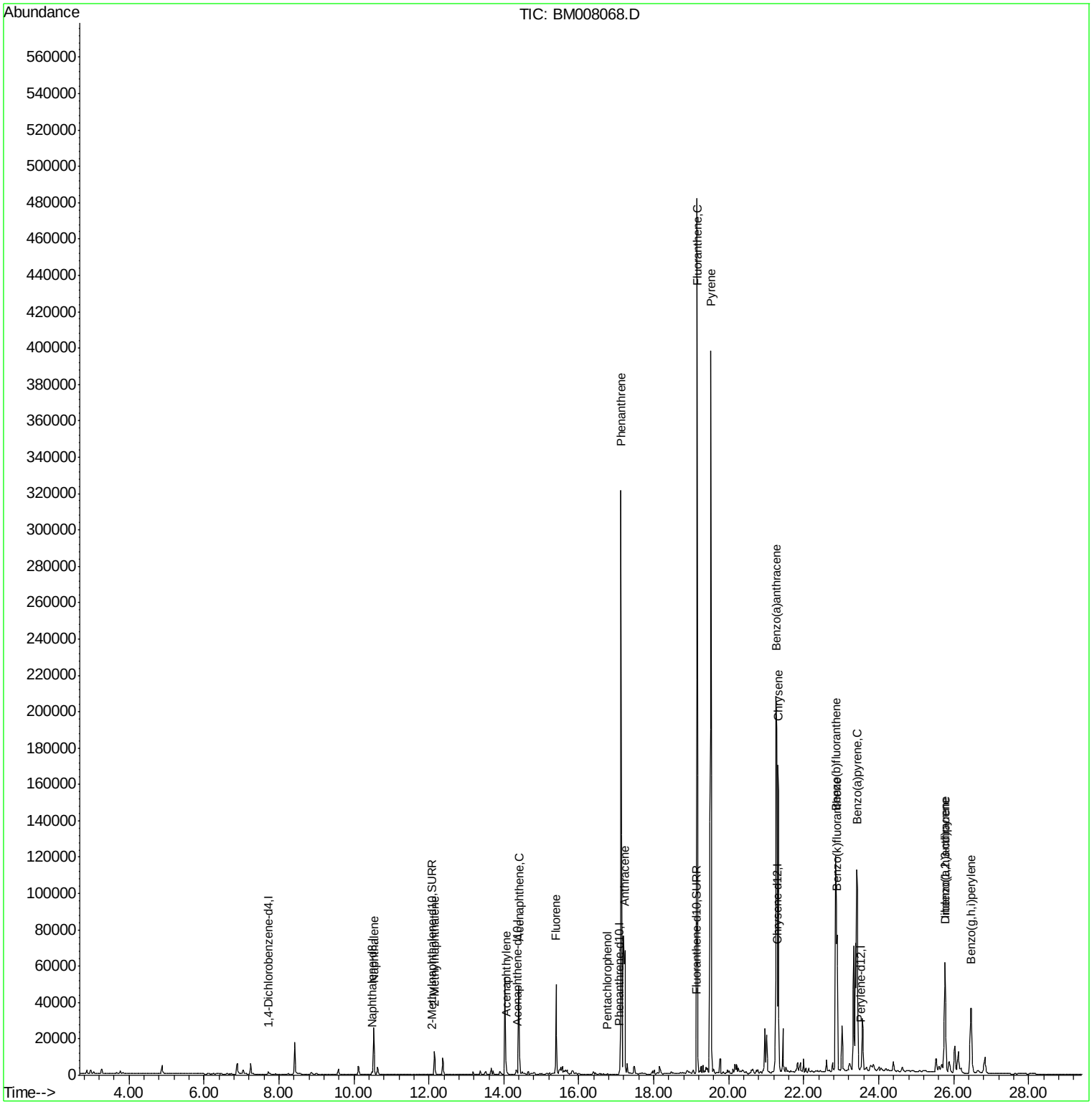
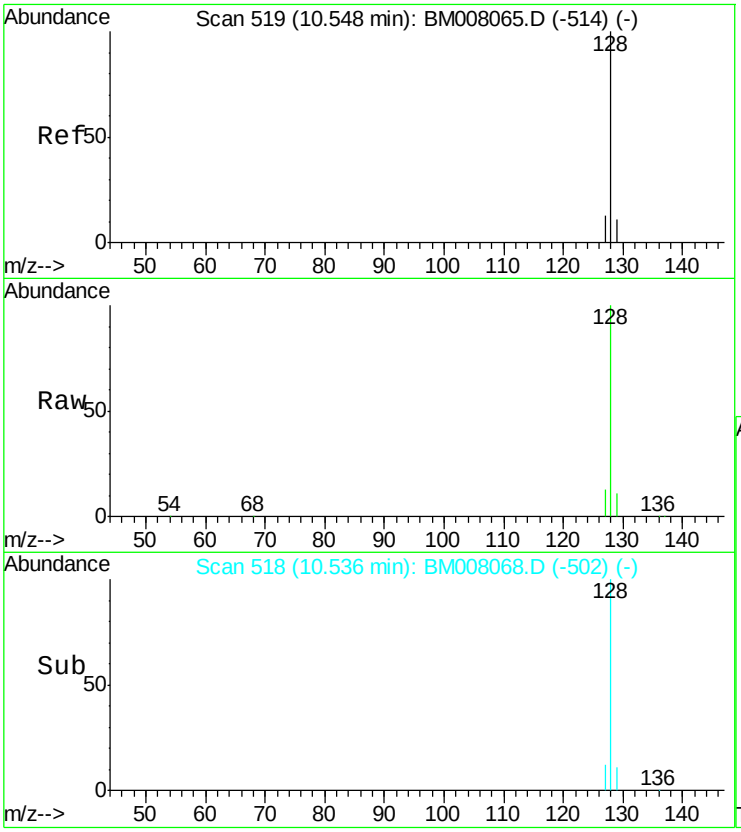
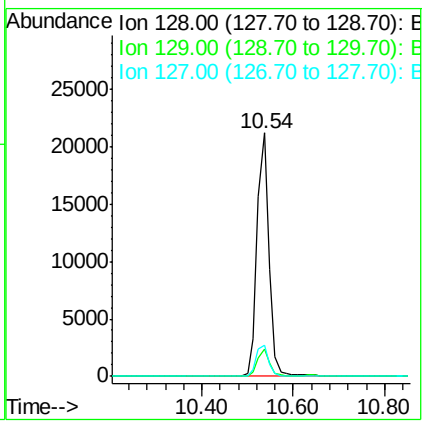




#3
Naphthalene
Concen: 5.71 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:128 Resp: 37772

Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9
127	12.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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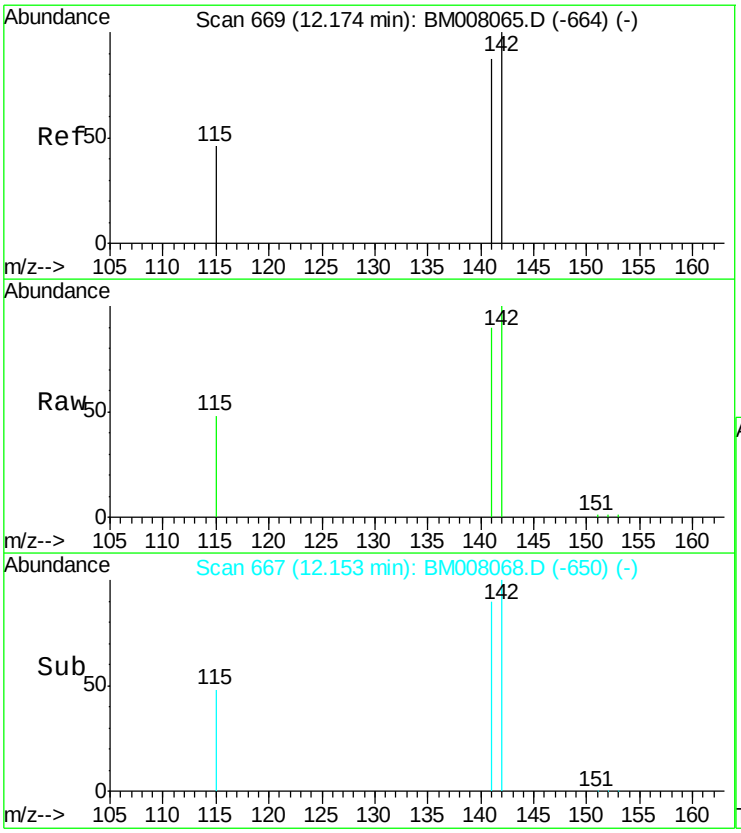
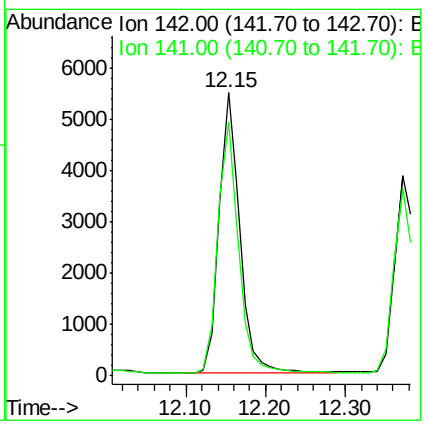
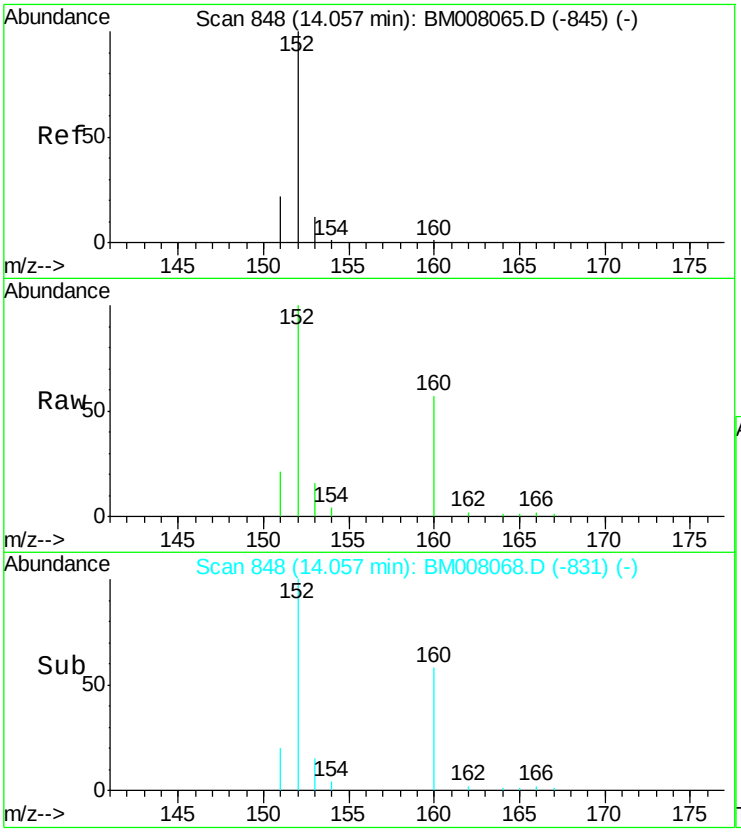


#5
2-Methylnaphthalene
Concen: 2.32 ng/ul
RT: 12.15 min Scan# 667
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:142 Resp: 9889

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8

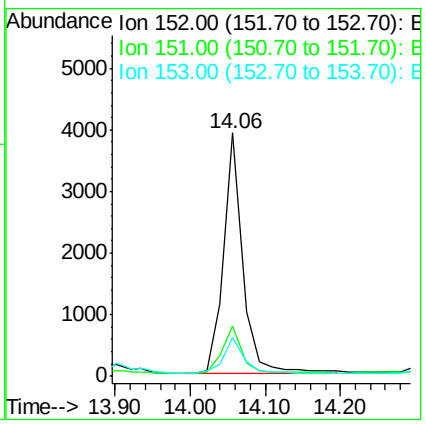




#7
Acenaphthylene
Concen: 0.96 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:152 Resp: 6498

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	16.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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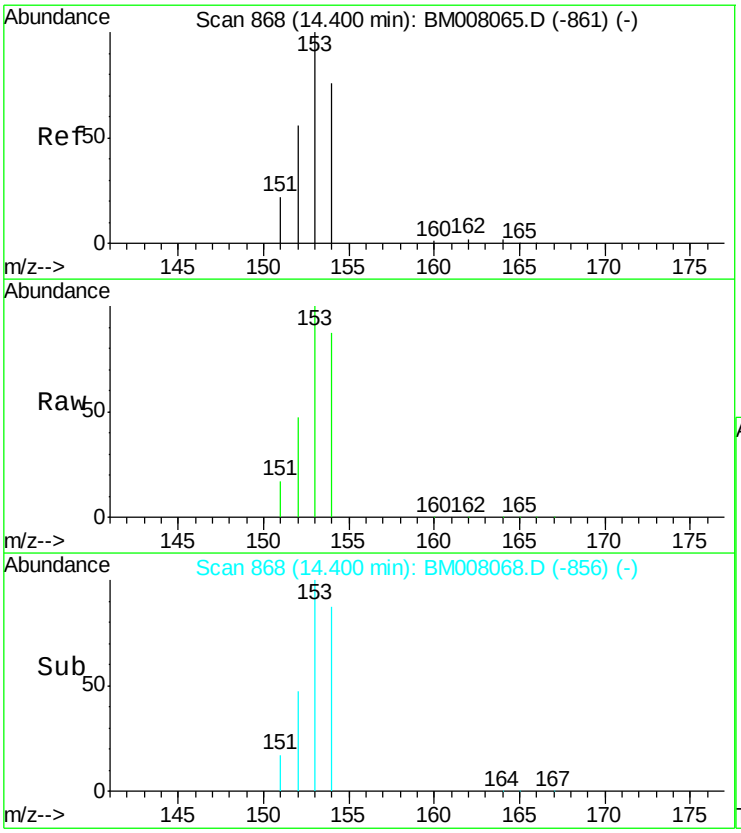
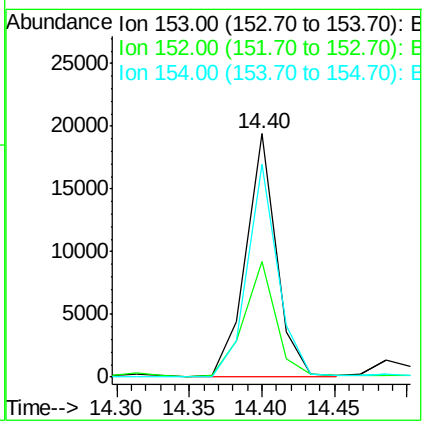
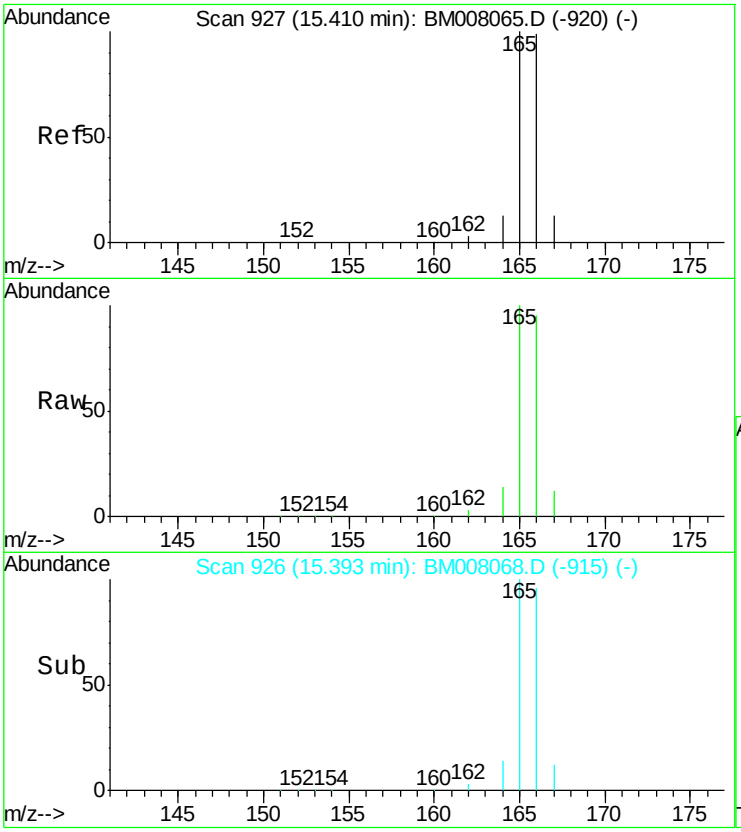


#8
Acenaphthene
Concen: 5.54 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:153 Resp: 28414

Ion	Ratio	Lower	Upper
153	100		
152	47.3	40.3	60.5
154	87.3	71.4	107.2

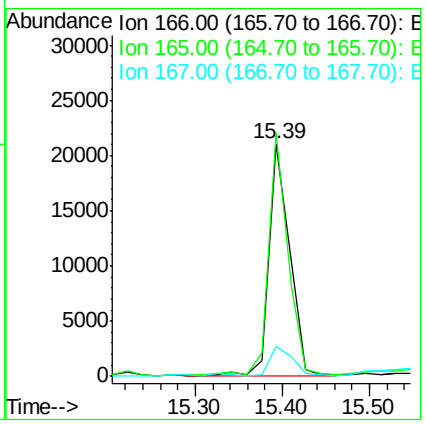




#9
Fluorene
Concen: 5.88 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:166 Resp: 34625

Ion	Ratio	Lower	Upper
166	100		
165	104.9	73.4	110.2
167	13.1	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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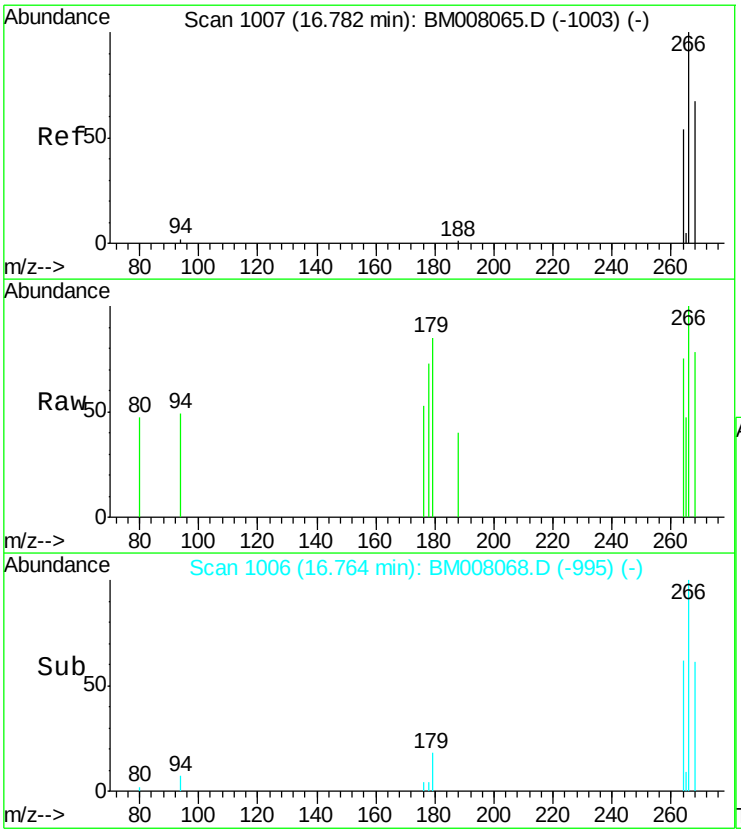
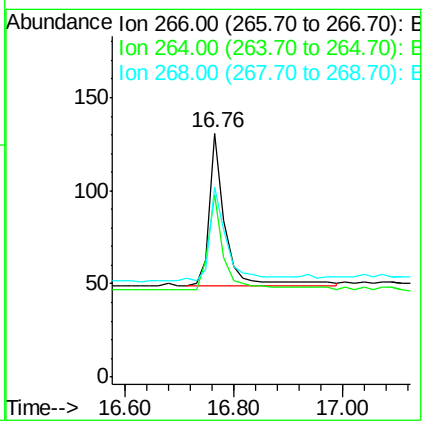
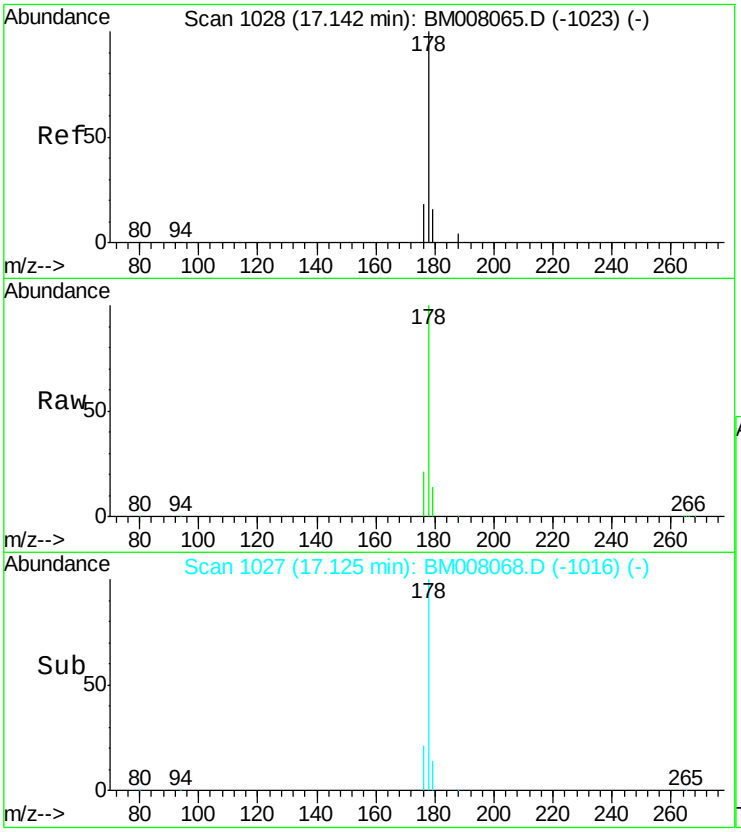


#11
Pentachlorophenol
Concen: 0.16 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:266 Resp: 171

Ion	Ratio	Lower	Upper
266	100		
264	62.0	47.9	71.9
268	68.4	49.8	74.8

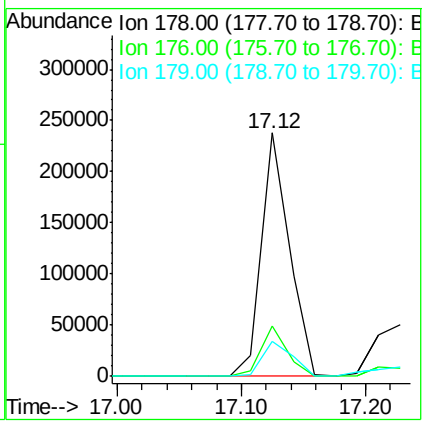




#12
Phenanthrene
Concen: 39.27 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:178 Resp: 369182

Ion	Ratio	Lower	Upper
178	100		
176	20.6	18.4	27.6
179	14.4	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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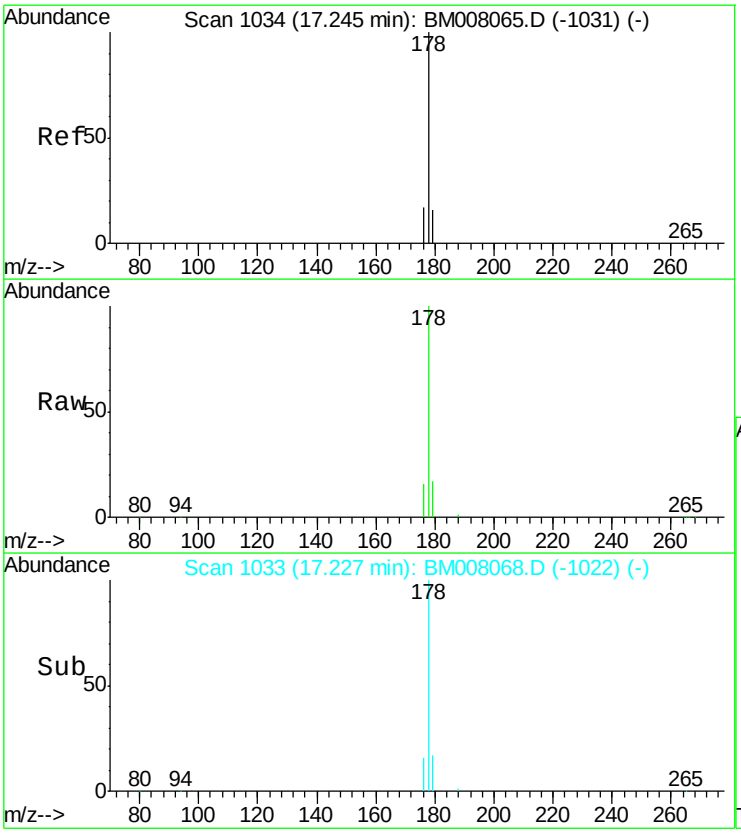
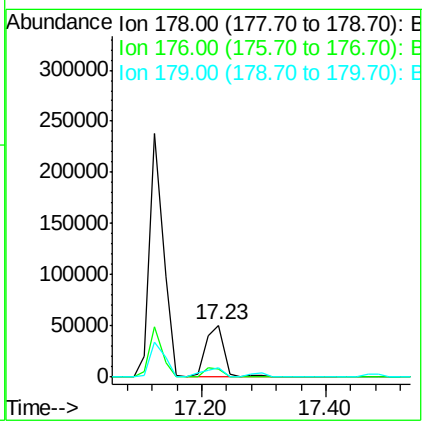
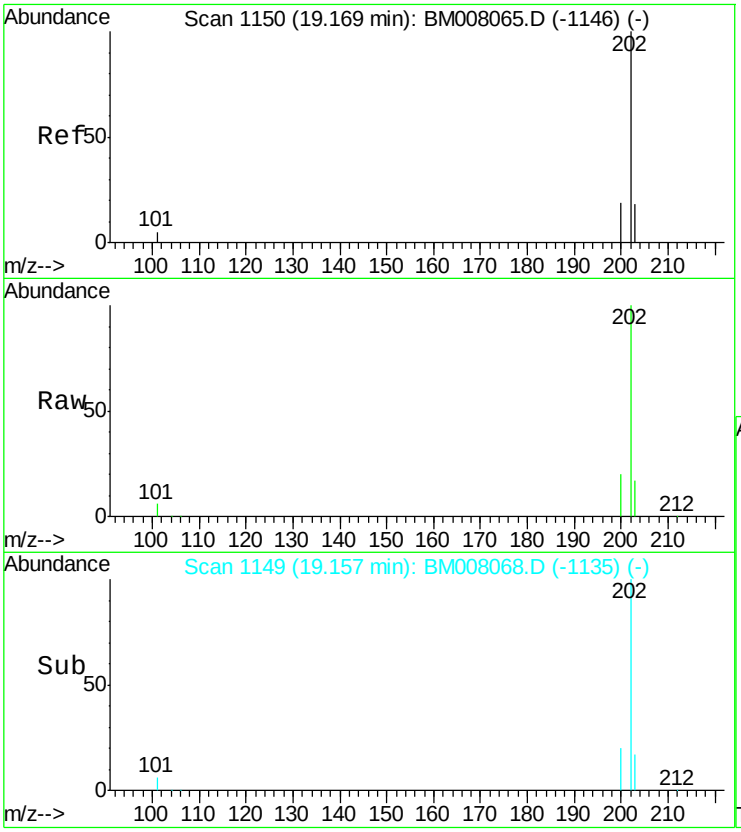


#13
Anthracene
Concen: 11.58 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:178 Resp: 102249

Ion	Ratio	Lower	Upper
178	100		
176	16.0	18.1	27.1#
179	17.5	14.7	22.1

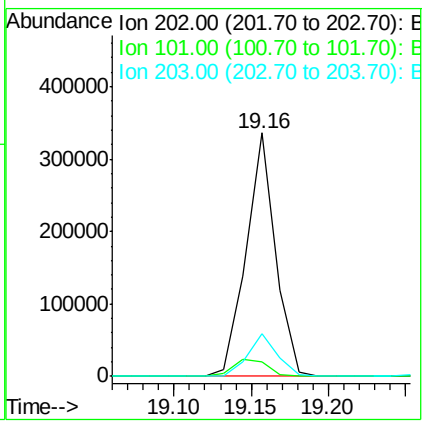




#15
Fluoranthene
Concen: 36.45 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:202 Resp: 442358

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	30.3
203	17.5	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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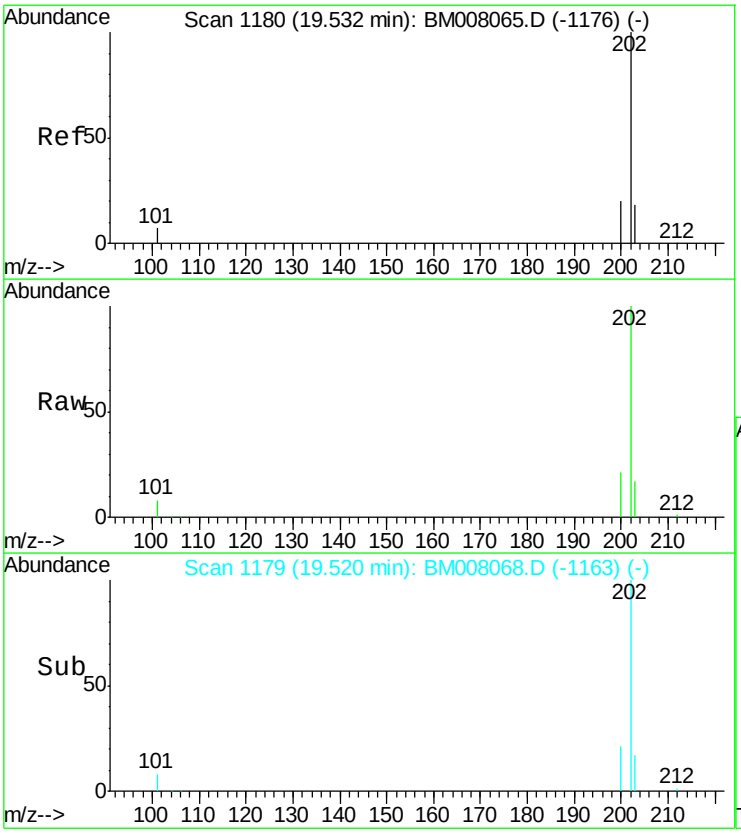
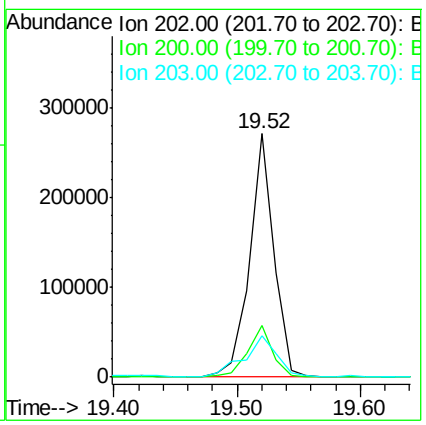
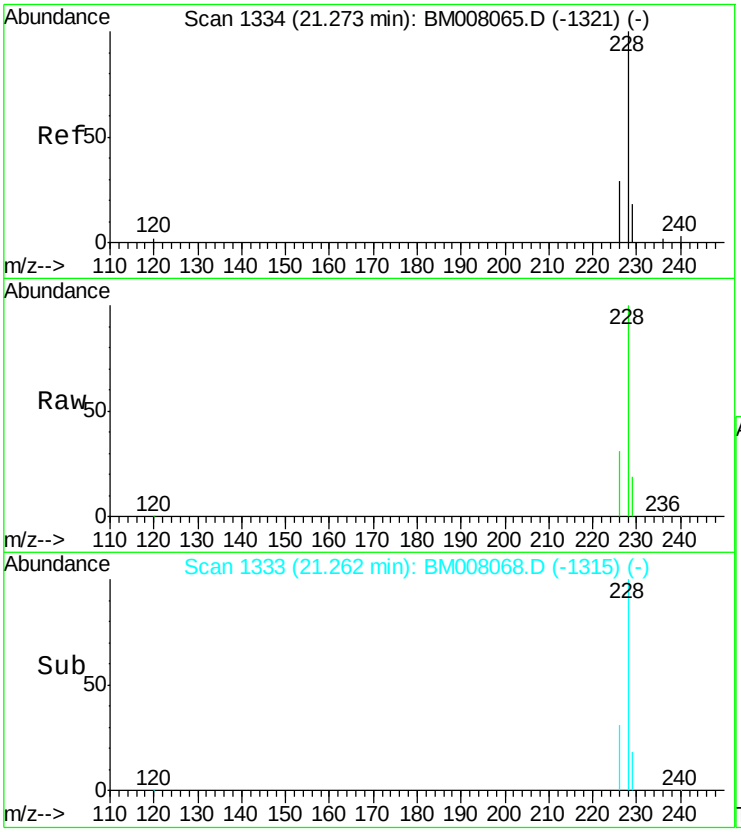


#17
Pyrene
Concen: 34.10 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:202 Resp: 372699

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.4
203	17.2	15.6	23.4

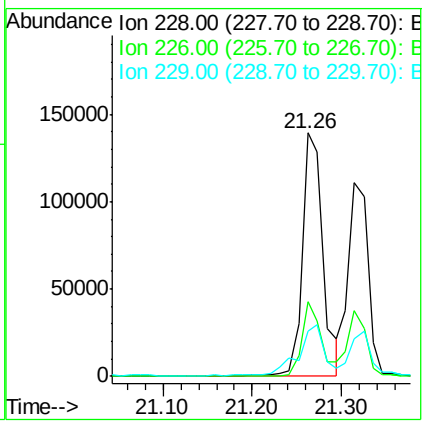




#18
Benzo(a)anthracene
Concen: 22.89 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:228 Resp: 221187

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	18.5	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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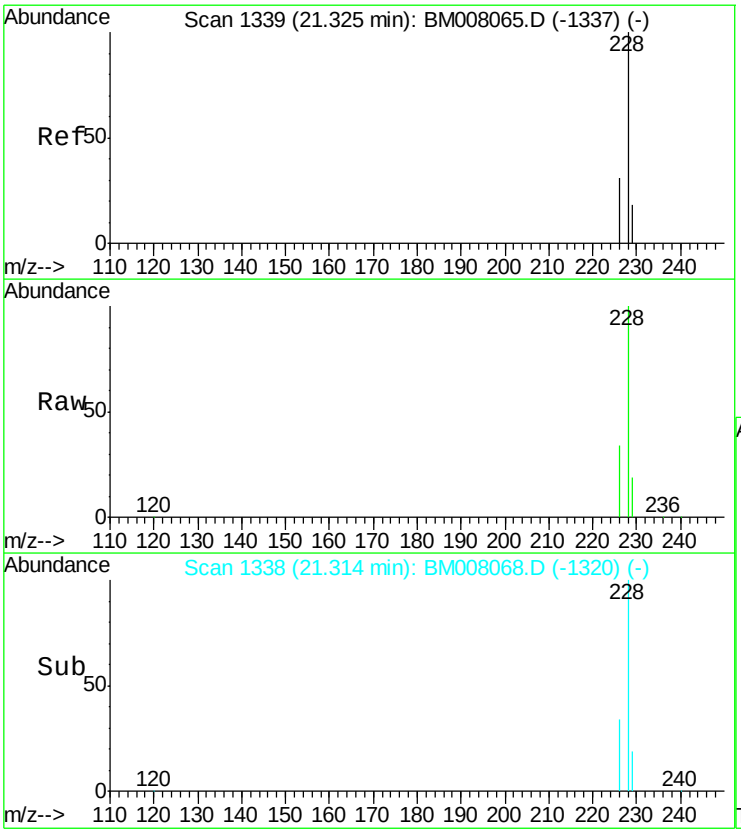
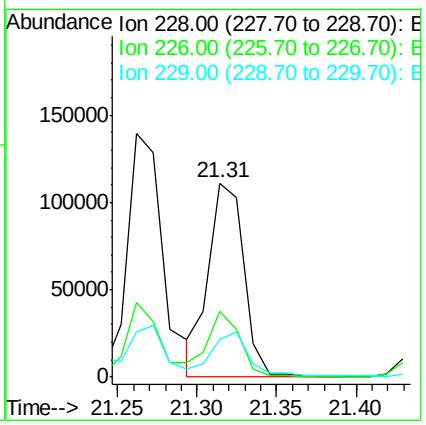
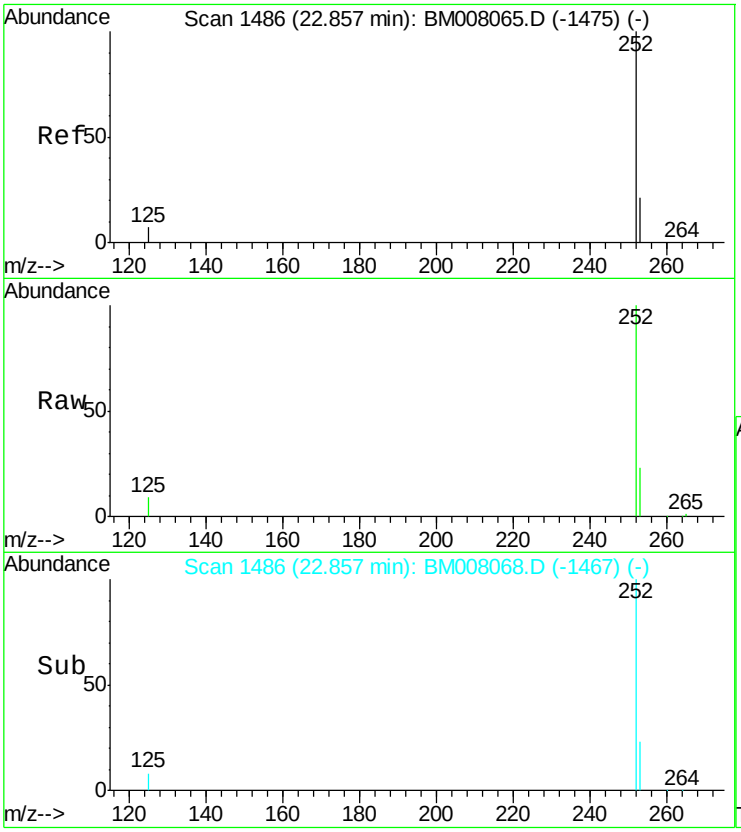


#19
Chrysene
Concen: 14.08 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:228 Resp: 169249

Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.4	35.0
229	19.1	17.7	26.5

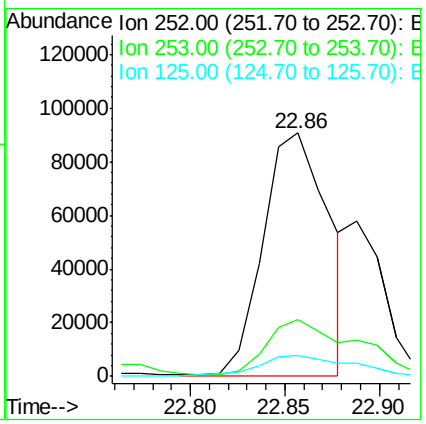




#21
Benzo(b)fluoranthene
Concen: 19.17 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:252 Resp: 220706

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	8.6	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
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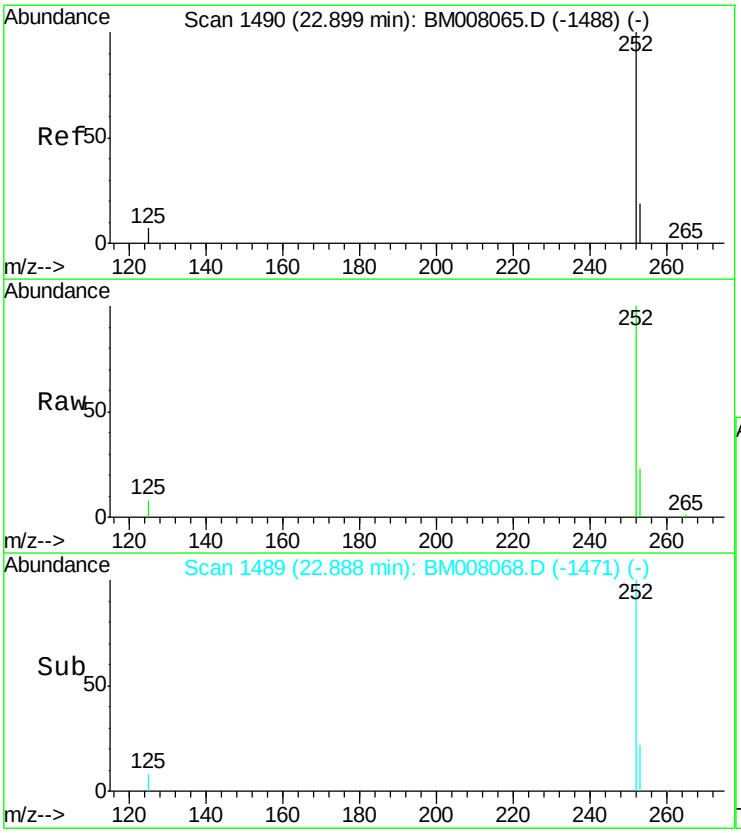
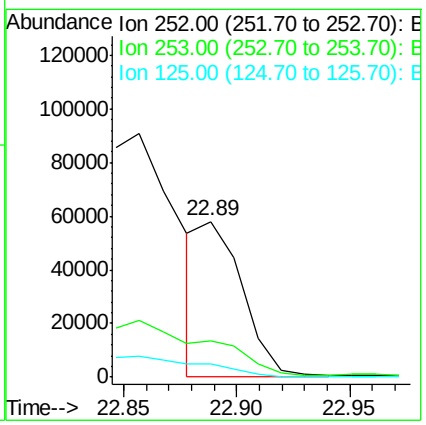
11/28/2016 5:29:58 PM

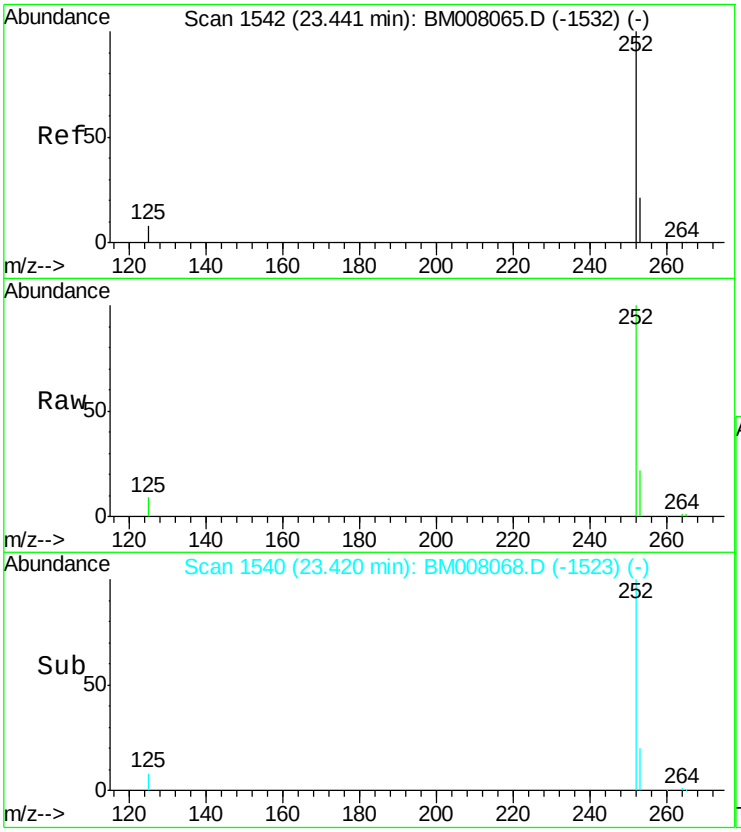


#22
Benzo(k)fluoranthene
Concen: 6.39 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:252 Resp: 75903

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.5	36.7#
125	8.2	13.7	20.5#





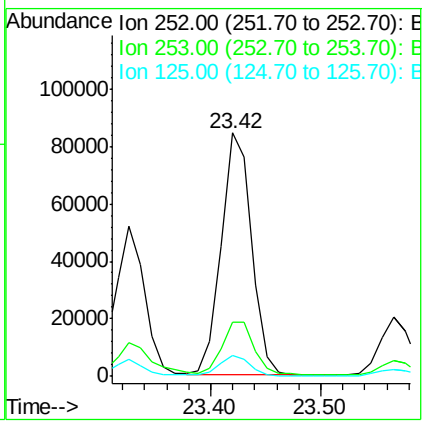
#23
Benzo(a)pyrene
Concen: 14.91 ng/ul
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

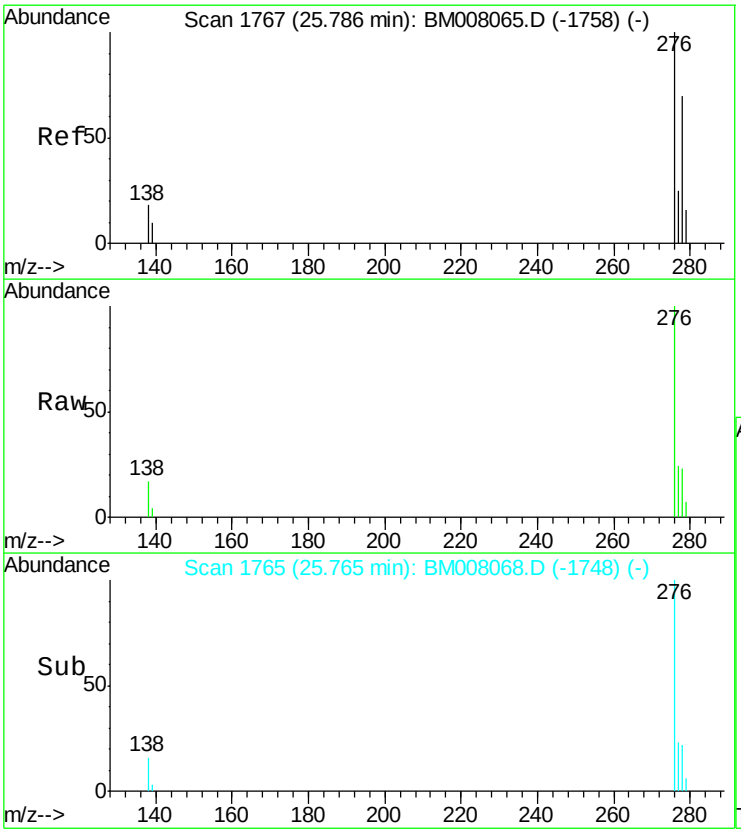
Tgt Ion:252 Resp: 160859

Ion	Ratio	Lower	Upper
252	100		
253	22.0	28.5	42.7#
125	8.8	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
11/28/2016 5:29:58 PM

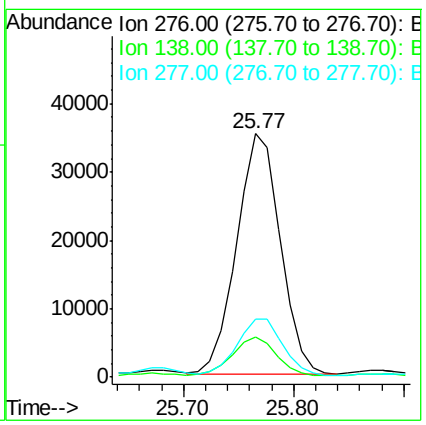


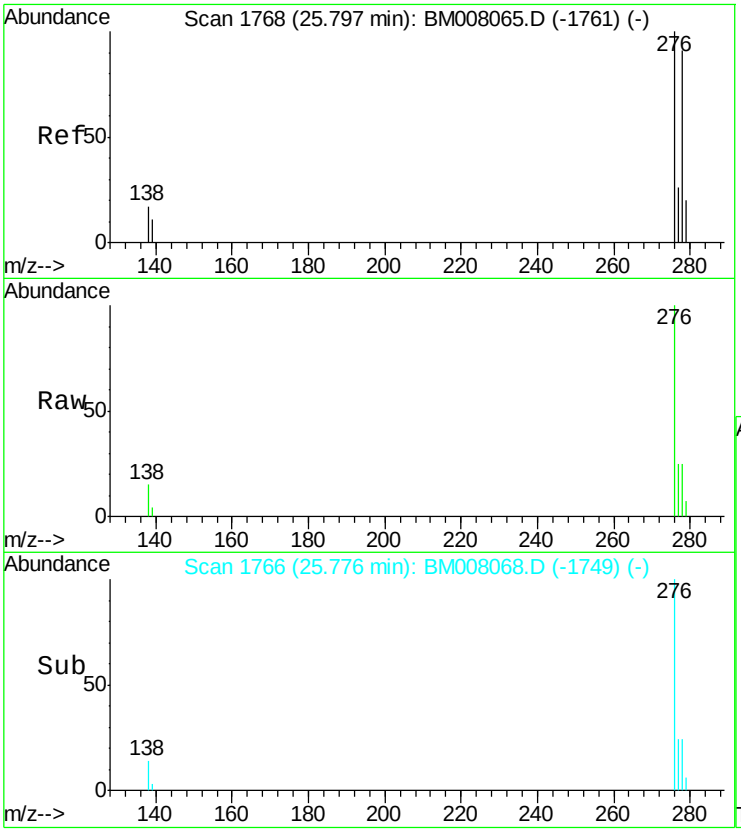


#24
Indeno(1,2,3-cd)pyrene
Concen: 7.25 ng/ul
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:276 Resp: 96720

Ion	Ratio	Lower	Upper
276	100		
138	16.2	19.1	28.7#
277	24.6	19.6	29.4





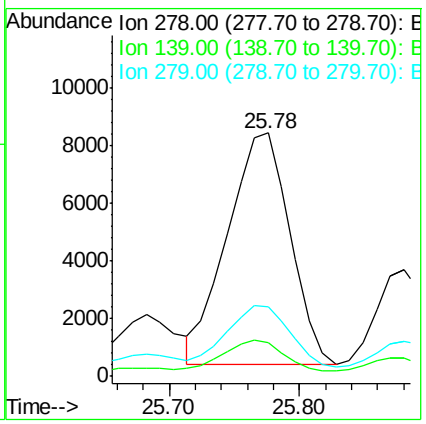
#25
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

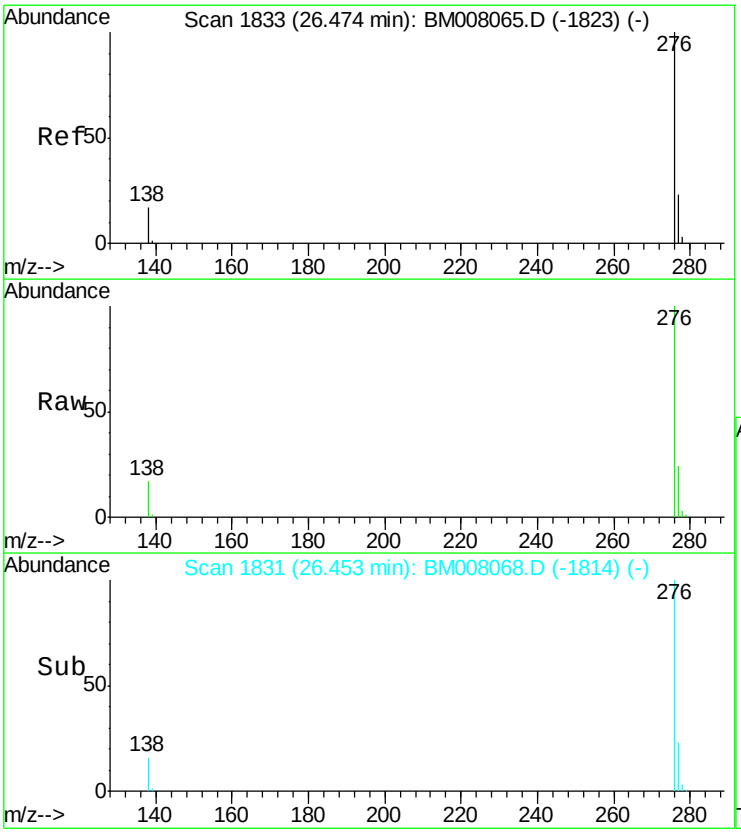
Tgt Ion:278 Resp: 26627

Ion	Ratio	Lower	Upper
278	100		
139	14.1	17.4	26.0#
279	28.7	25.9	38.9

Instrument :
BNA_M
ClientSampleId :
A4WD7MS

Manual Integrations APPROVED
Umangi
11/28/2016 5:29:58 PM





#26
Benzo(g,h,i)perylene
Concen: 6.73 ng/ul
RT: 26.45 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BM008068.D
Acq: 24 Nov 2016 11:30

Tgt Ion:276 Resp: 79639

Ion	Ratio	Lower	Upper
276	100		
277	23.7	21.8	32.8
138	16.9	20.5	30.7#