Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\
Data File : BM002967.D
Acq On : 22 Oct 2015 03:02
Operator : UM/IZ
Sample : G4075-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:03 PM

Quant Time: Oct 22 13:38:43 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7359	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.48	136	31715	0.40	ng/ul	-0.02
8) Acenaphthene-d10	15.23	164	17250	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	37964m	0.40	ng/ul	-0.02
18) Chrysene-d12	22.03	240	28555	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	24263	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	22002	2.80	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	9847	0.19	ng/ul	-0.01
16) Fluoranthene-d10	19.91	212	19879	0.20	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	11.54	128	2953	0.04	ng/ul#	87
7) 2-Methylnaphthalene	13.10	142	2351m	0.04	ng/ul	
9) Acenaphthylene	14.96	152	5237	0.05	ng/ul#	94
10) Acenaphthene	15.28	153	2436	0.04	ng/ul#	93
11) Fluorene	16.25	166	2852	0.04	ng/ul#	95
13) Pentachlorophenol	17.61	266	382	0.17	ng/ul	91
14) Phenanthrene	17.98	178	135066	1.13	ng/ul	94
15) Anthracene	18.06	178	7756	0.07	ng/ul#	72
17) Fluoranthene	19.95	202	255768	1.80	ng/ul	91
19) Pyrene	20.30	202	194545	1.88	ng/ul	96
20) Benzo(a)anthracene	22.01	228	19389m	0.20	ng/ul	
21) Chrysene	22.06	228	82830m	0.86	ng/ul	
23) Benzo(b)fluoranthene	23.79	252	98519m	1.15	ng/ul	
24) Benzo(k)fluoranthene	23.85	252	22562m	0.27	ng/ul	
25) Benzo(a)pyrene	24.47	252	21385	0.26	ng/ul#	15
26) Indeno(1,2,3-cd)pyrene	27.30	276	26756	0.30	ng/ul#	93
28) Benzo(g,h,i)perylene	28.15	276	30098	0.41	ng/ul#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\
Data File : BM002967.D
Acq On : 22 Oct 2015 03:02
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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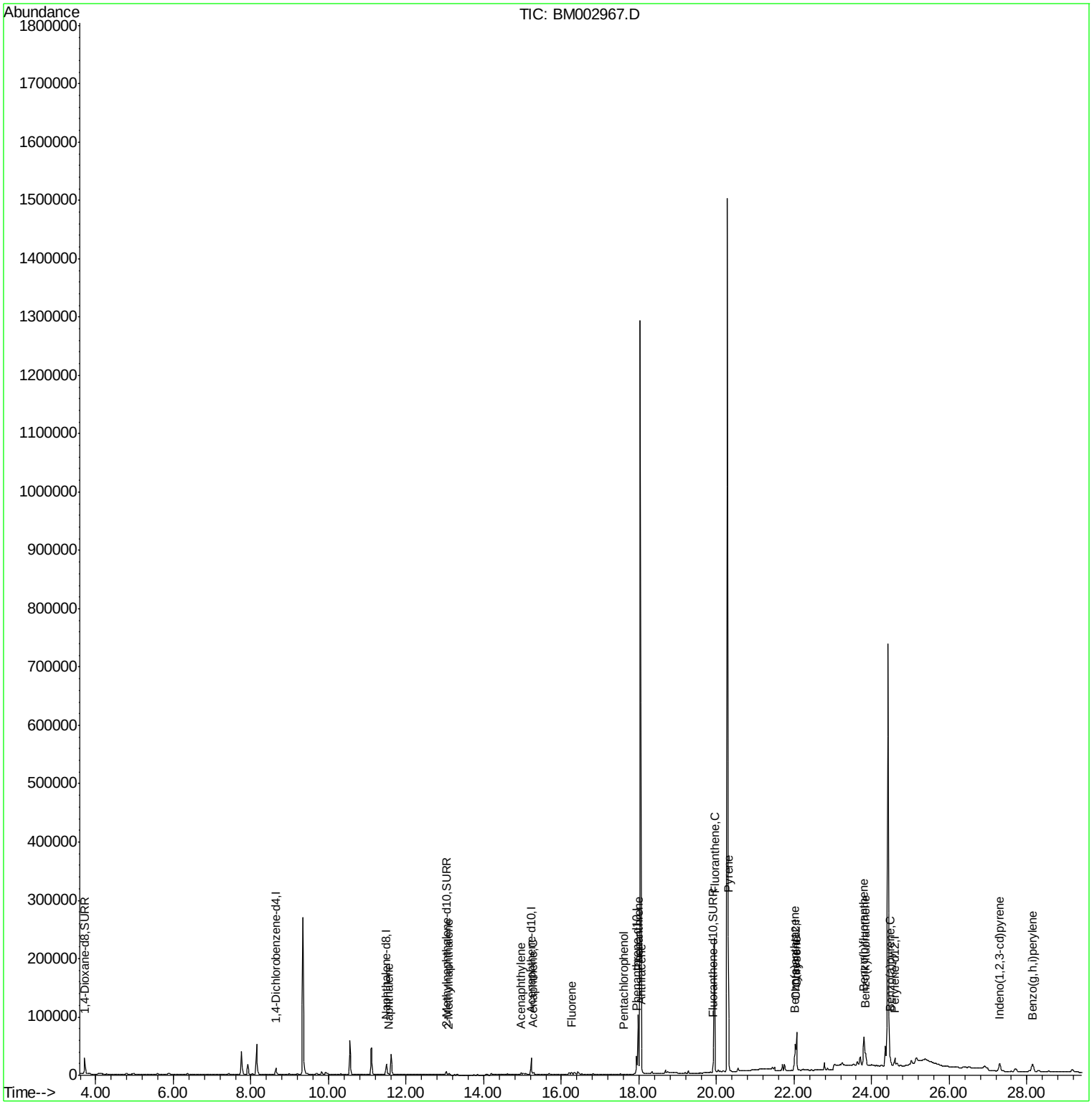
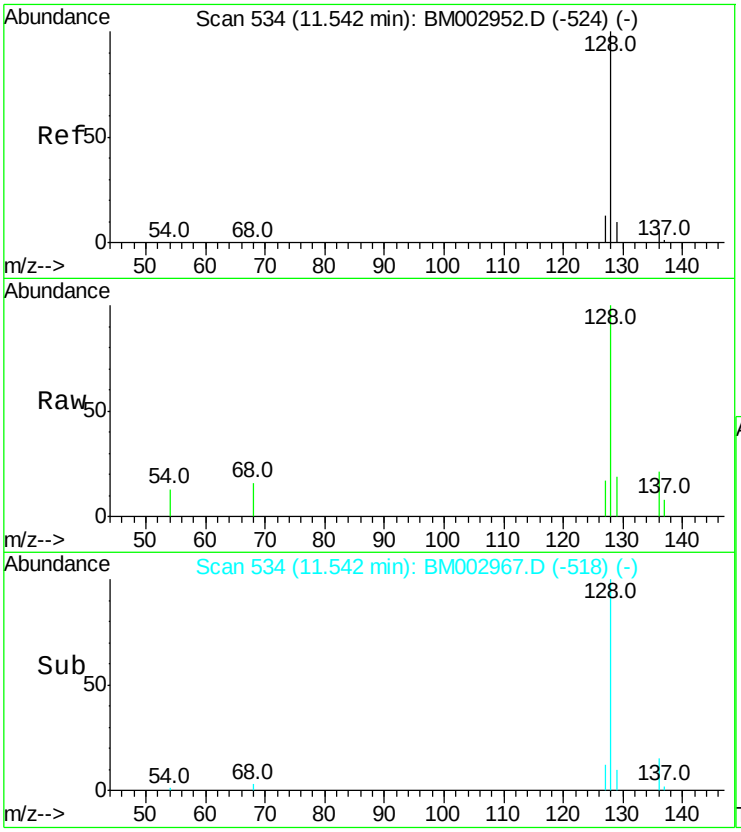
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:03 PM

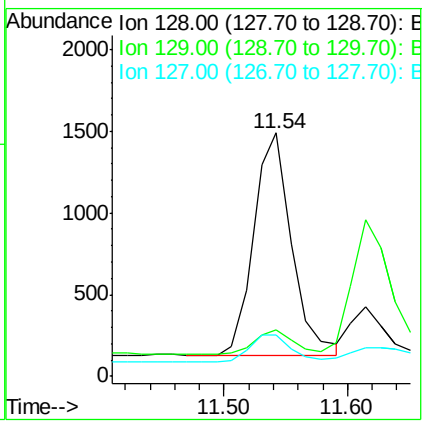




#5
Naphthalene
Concen: 0.04 ng/ul
RT: 11.54 min Scan# 534
Delta R.T. -0.01 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:128 Resp: 2953

Ion	Ratio	Lower	Upper
128	100		
129	19.0	9.8	14.8#
127	17.2	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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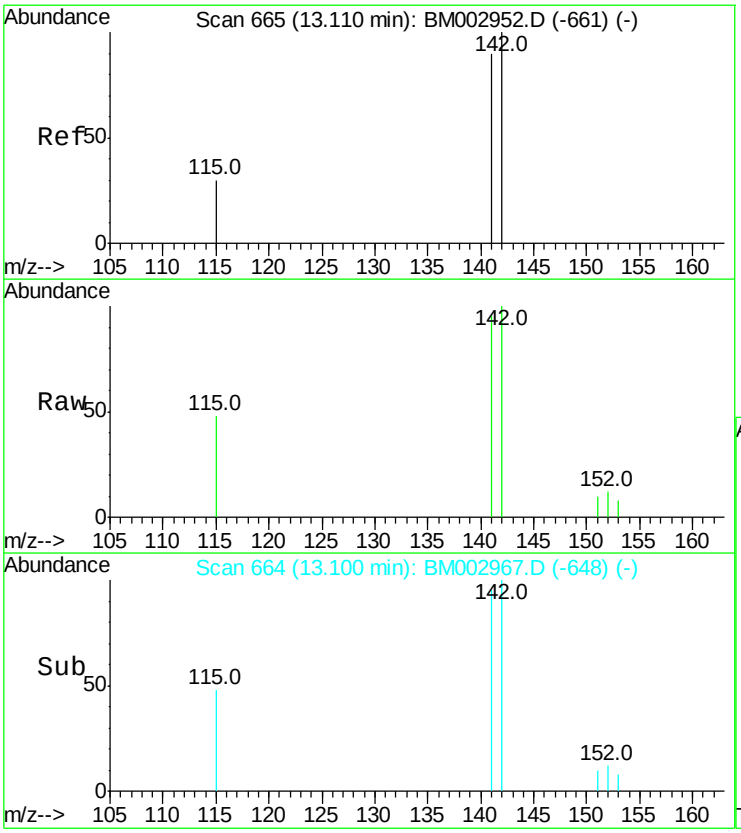
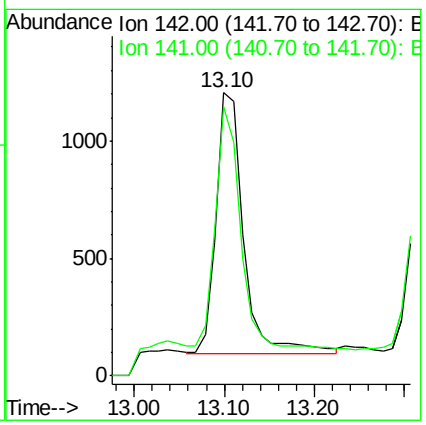
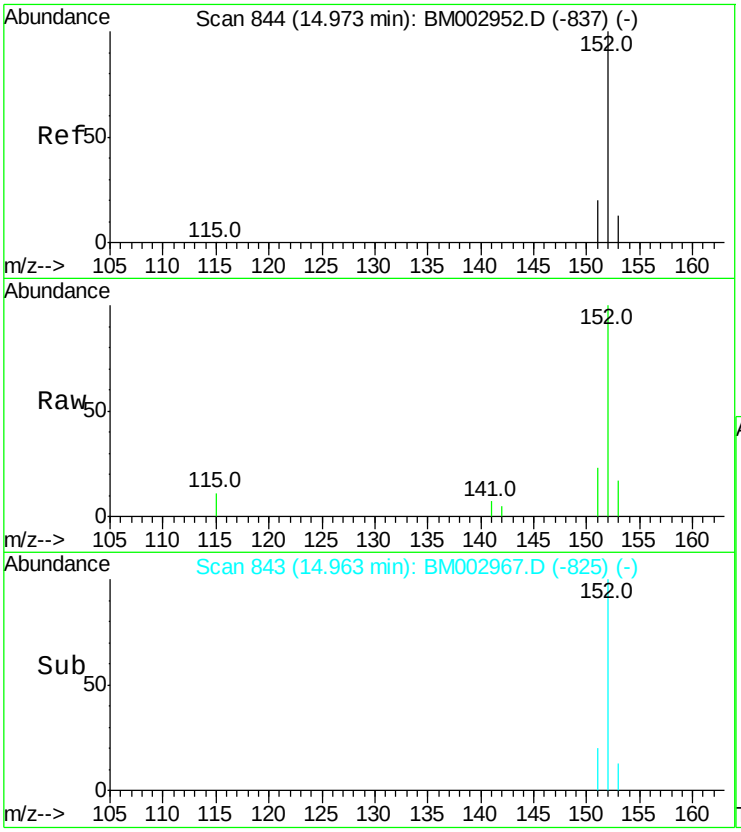


#7
2-Methylnaphthalene
Concen: 0.04 ng/ul m
RT: 13.10 min Scan# 664
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:142 Resp: 2351

Ion	Ratio	Lower	Upper
142	100		
141	102.0	70.3	105.5

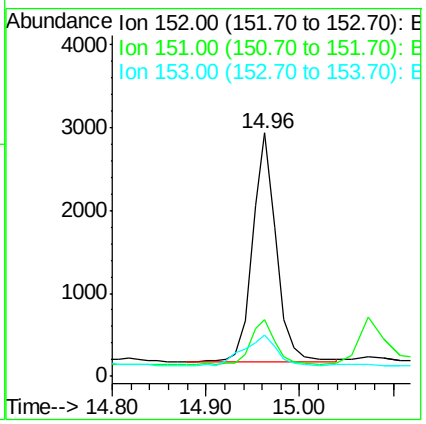




#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.96 min Scan# 843
Delta R.T. -0.01 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:152 Resp: 5237

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.8	25.2
153	17.2	11.3	16.9#



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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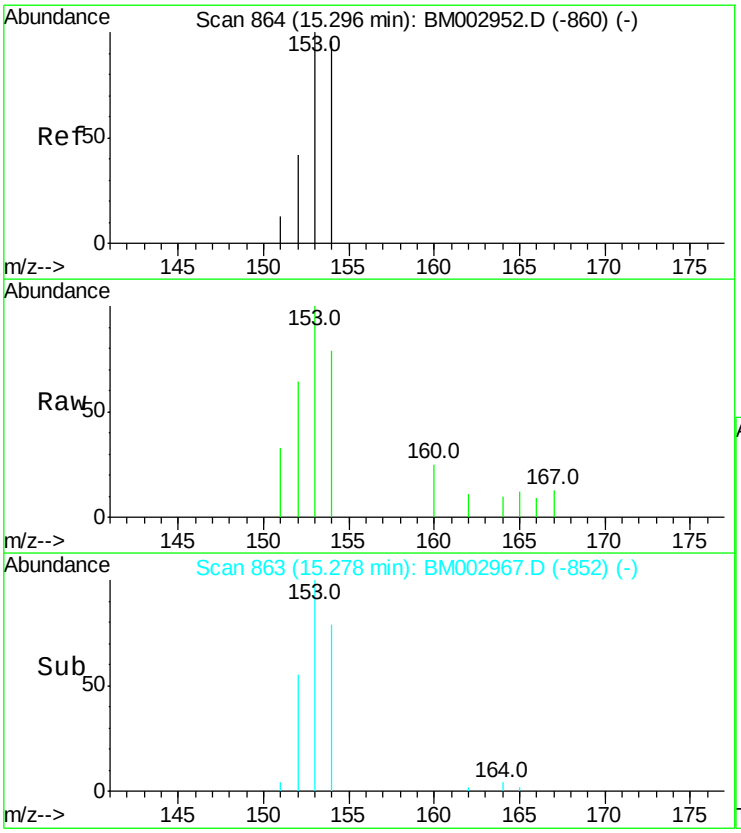
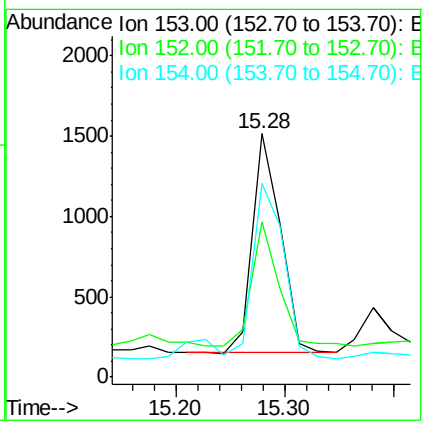
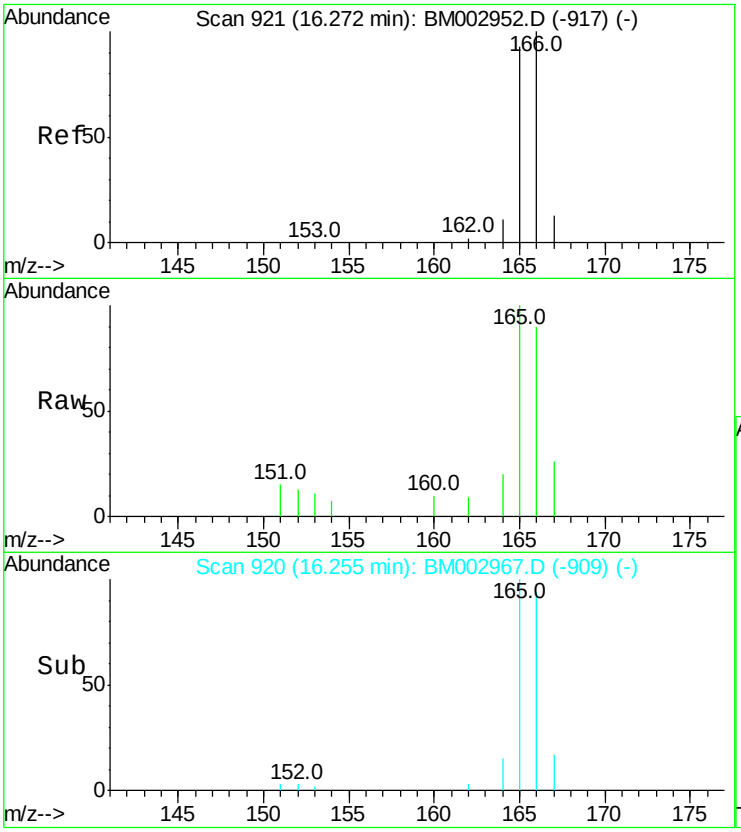


#10
Acenaphthene
Concen: 0.04 ng/ul
RT: 15.28 min Scan# 863
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:153 Resp: 2436

Ion	Ratio	Lower	Upper
153	100		
152	64.0	42.3	63.5#
154	79.4	64.7	97.1

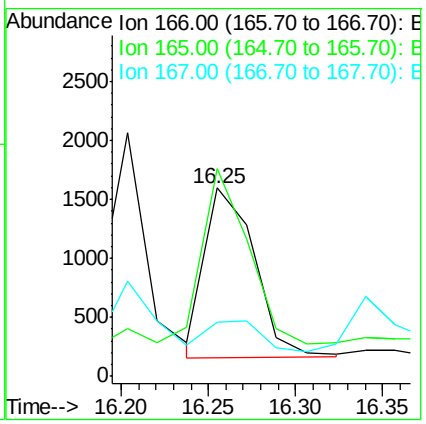




#11
Fluorene
Concen: 0.04 ng/ul
RT: 16.25 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:166 Resp: 2852

Ion	Ratio	Lower	Upper
166	100		
165	110.9	87.6	131.4
167	28.7	11.1	16.7#



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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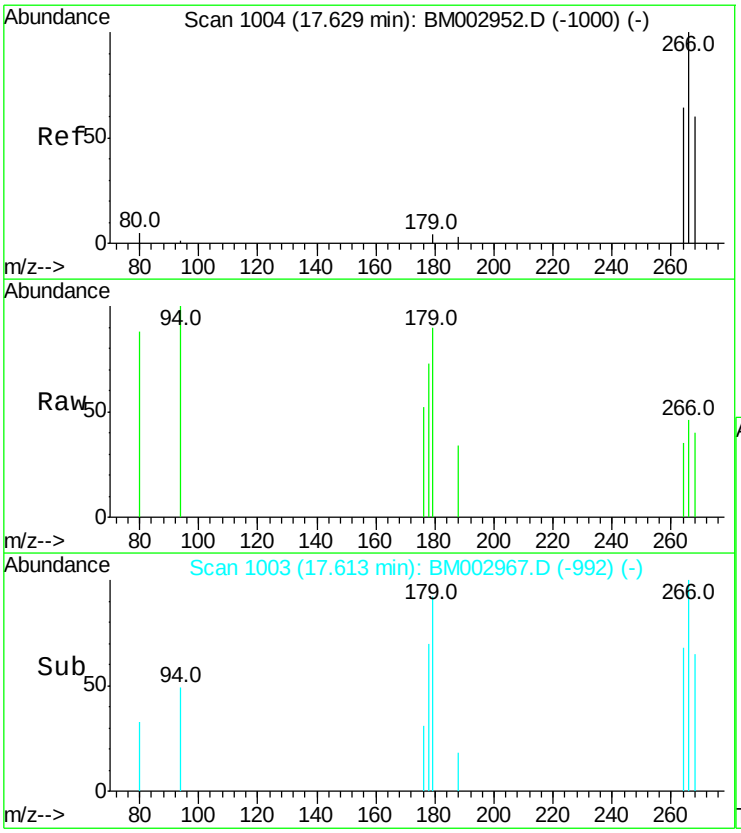
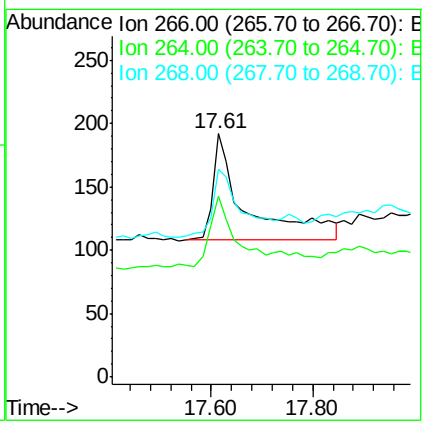
10/22/2015 4:57:03 PM

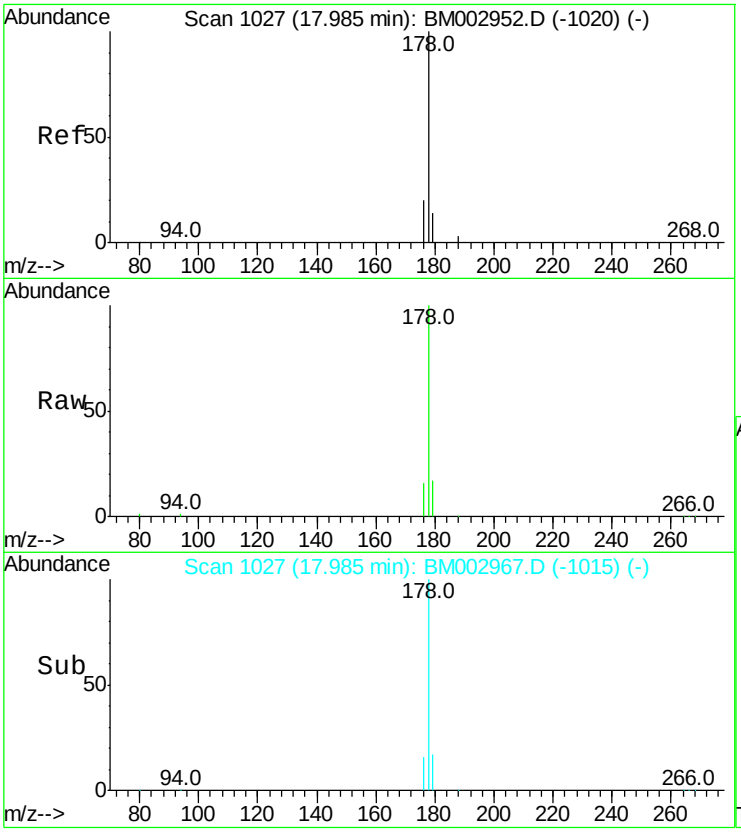


#13
Pentachlorophenol
Concen: 0.17 ng/ul
RT: 17.61 min Scan# 1003
Delta R.T. -0.03 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:266 Resp: 382

Ion	Ratio	Lower	Upper
266	100		
264	66.2	53.5	80.3
268	54.2	54.2	81.2

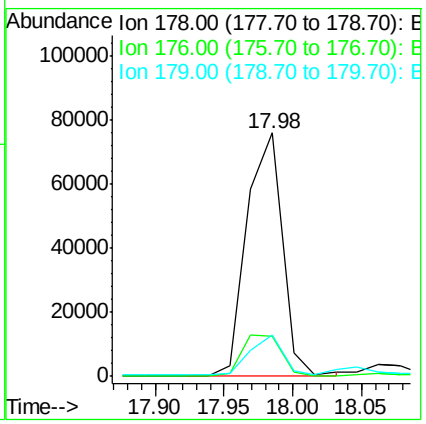




#14
Phenanthrene
Concen: 1.13 ng/ul
RT: 17.98 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:178 Resp: 135066

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.2	24.4
179	17.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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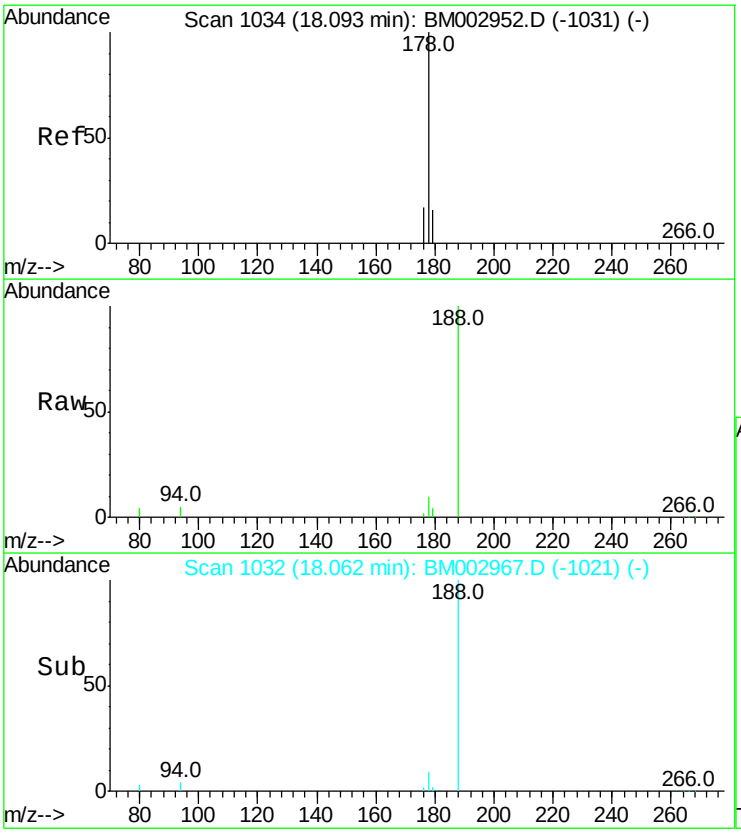
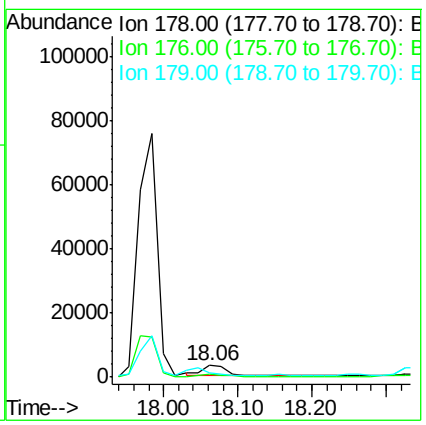
10/22/2015 4:57:03 PM

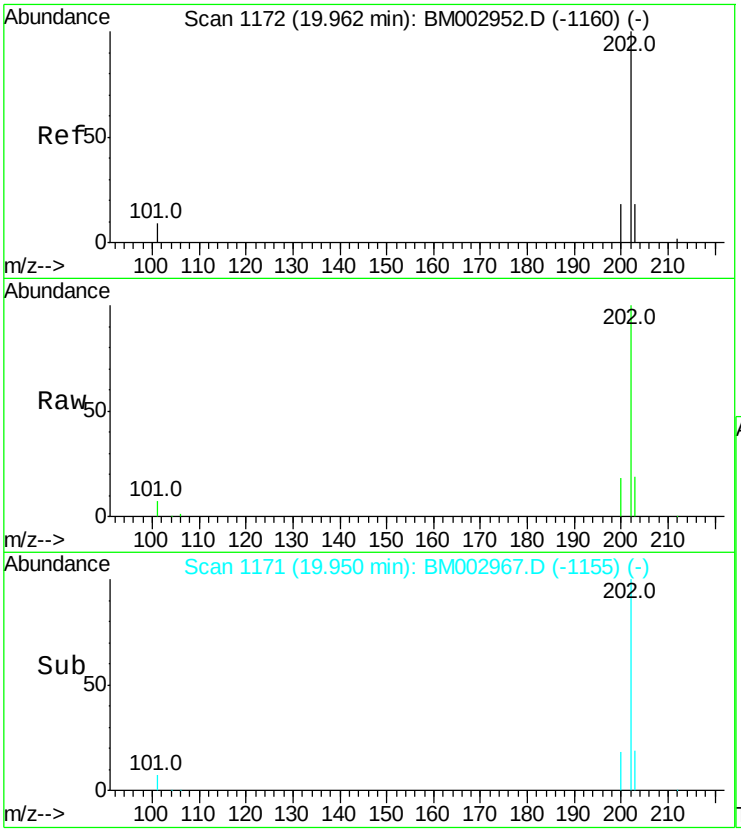


#15
Anthracene
Concen: 0.07 ng/ul
RT: 18.06 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:178 Resp: 7756

Ion	Ratio	Lower	Upper
178	100		
176	24.1	15.8	23.8#
179	37.8	13.3	19.9#

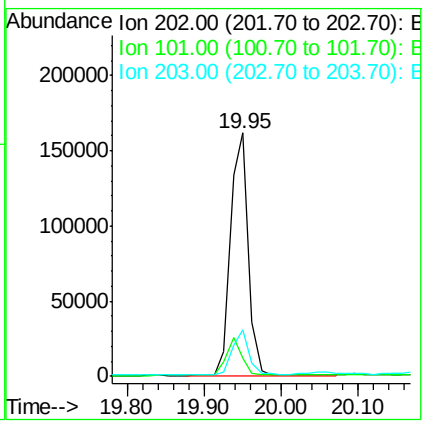




#17
Fluoranthene
Concen: 1.80 ng/ul
RT: 19.95 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:202 Resp: 255768

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	33.1
203	19.2	0.0	37.2



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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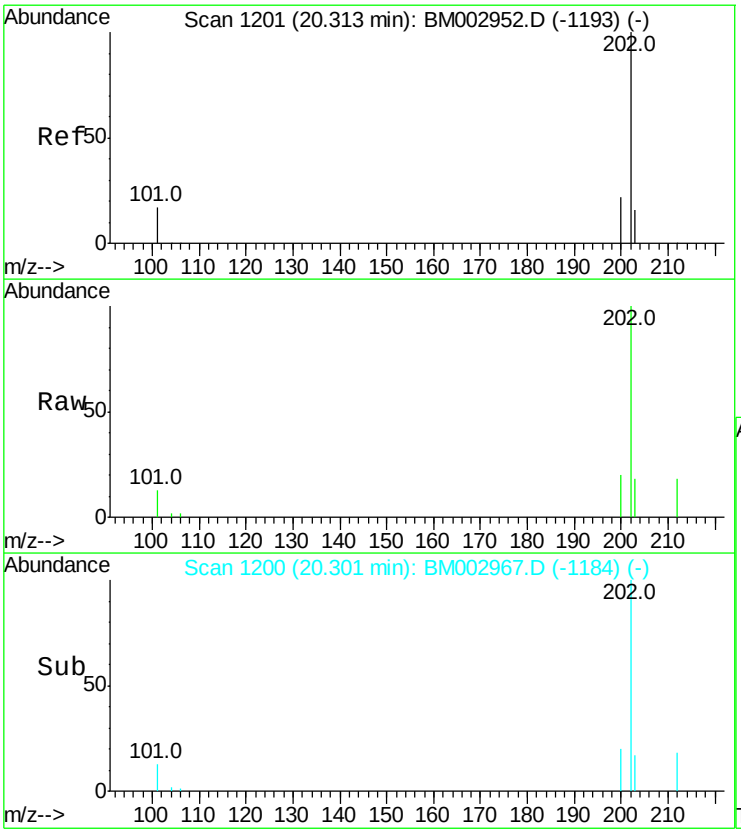
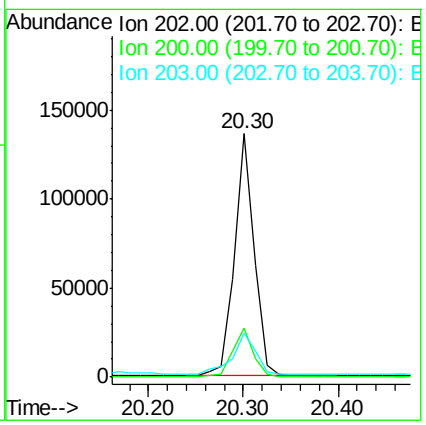
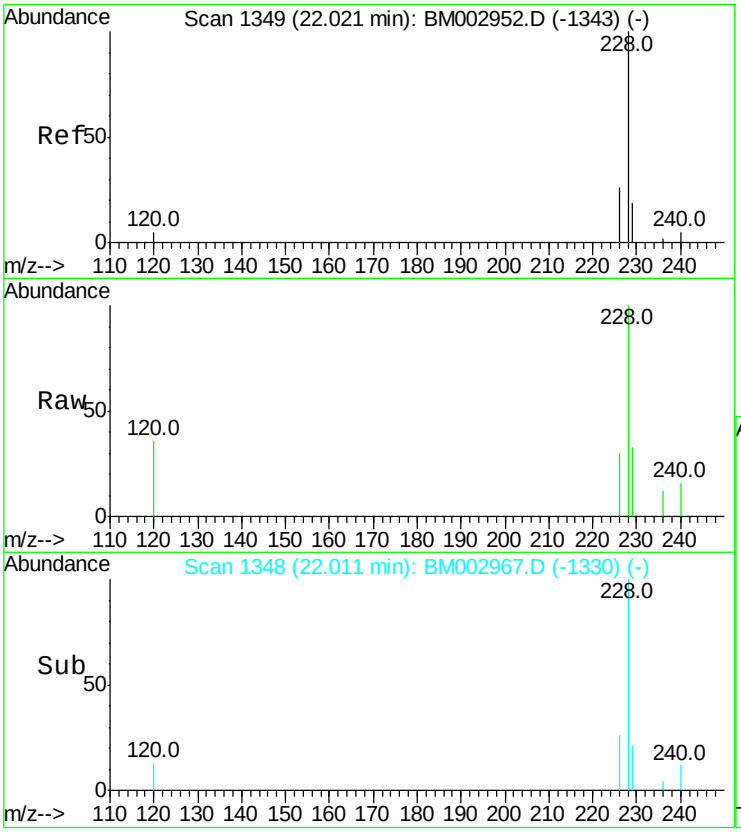


#19
Pyrene
Concen: 1.88 ng/ul
RT: 20.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:202 Resp: 194545

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	18.2	13.8	20.6

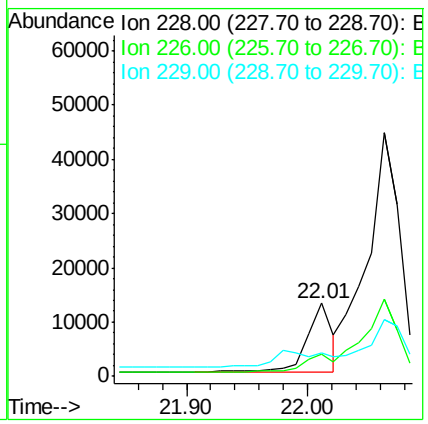




#20
Benzo(a)anthracene
Concen: 0.20 ng/ul m
RT: 22.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:228 Resp: 19389

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	32.9	15.2	22.8#



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
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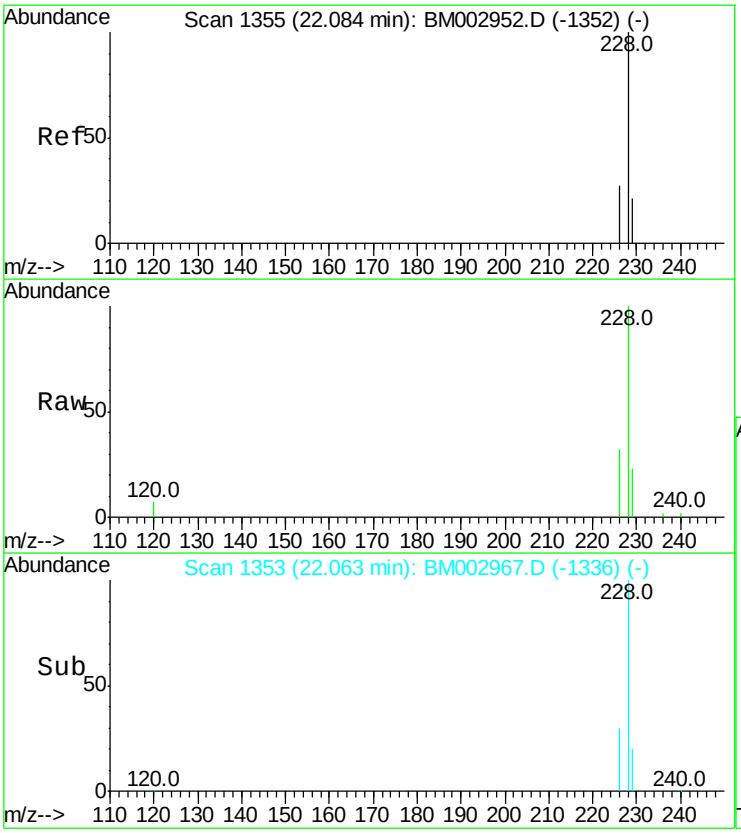
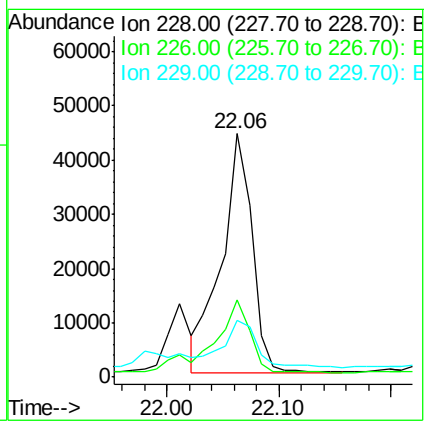
10/22/2015 4:57:03 PM

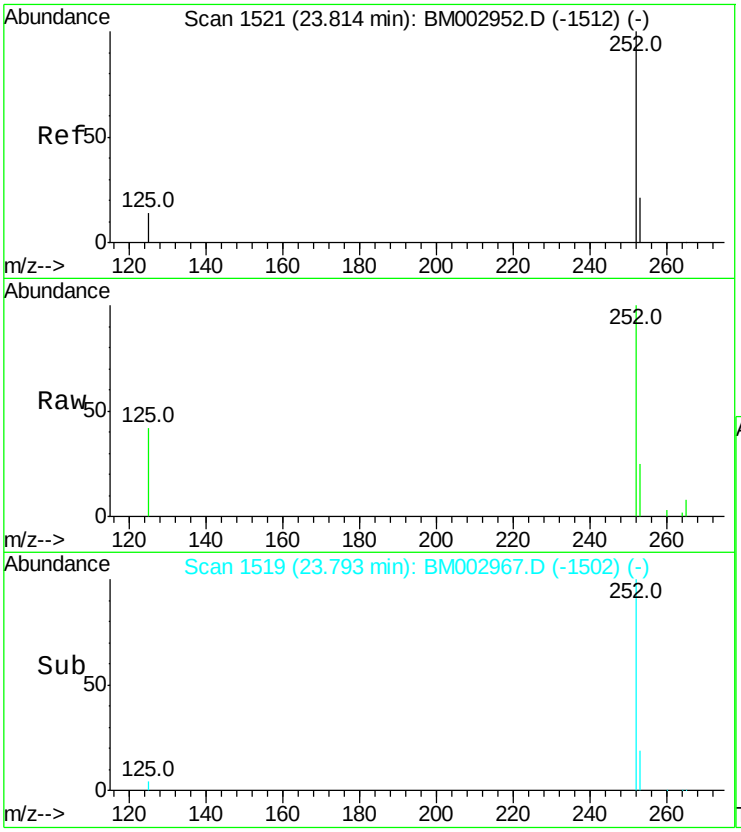


#21
Chrysene
Concen: 0.86 ng/ul m
RT: 22.06 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:228 Resp: 82830

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	23.2	15.2	22.8#





#23
Benzo(b)fluoranthene
Concen: 1.15 ng/ul m
RT: 23.79 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:252 Resp: 98519

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	48.0
125	41.6	0.0	36.6#

Instrument :
BNA_M
ClientSampleId :
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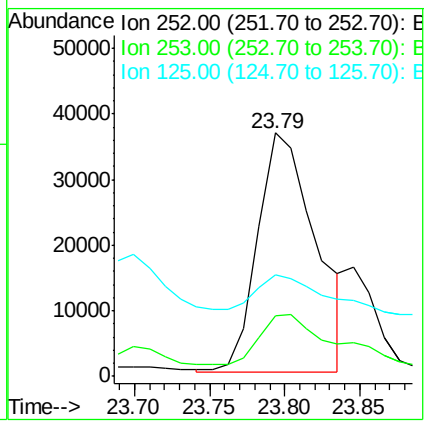
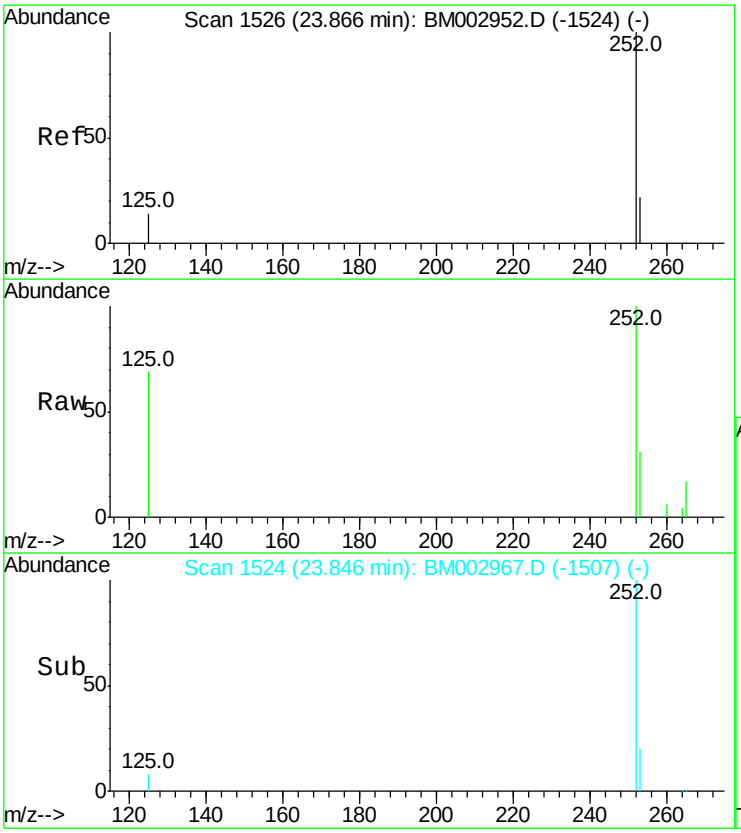
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:03 PM

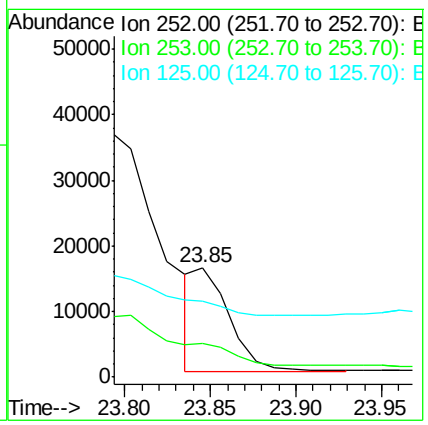


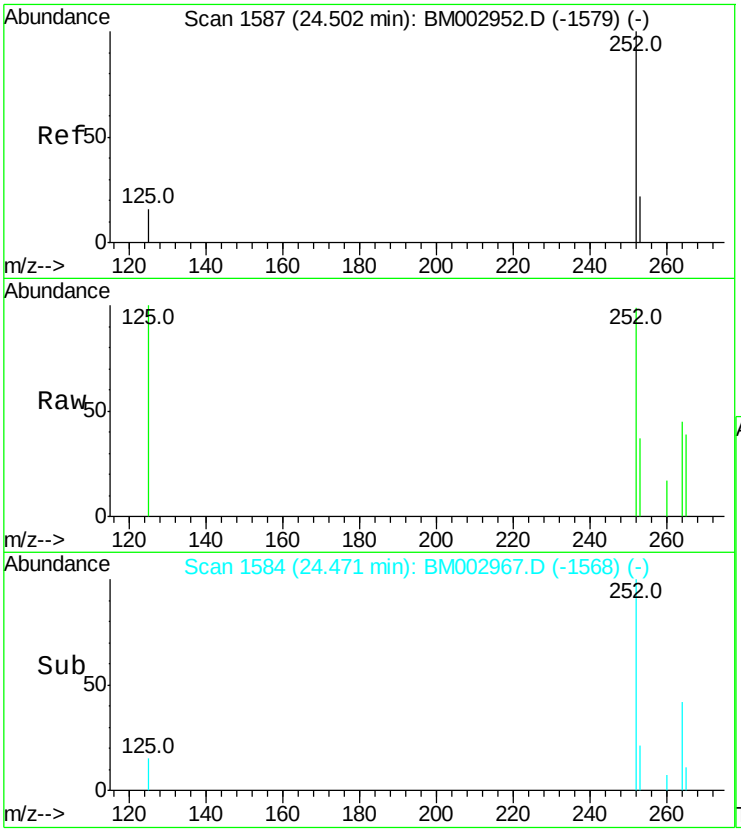


#24
Benzo(k)fluoranthene
Concen: 0.27 ng/ul m
RT: 23.85 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:252 Resp: 22562

Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.8	31.2#
125	69.4	12.2	18.4#

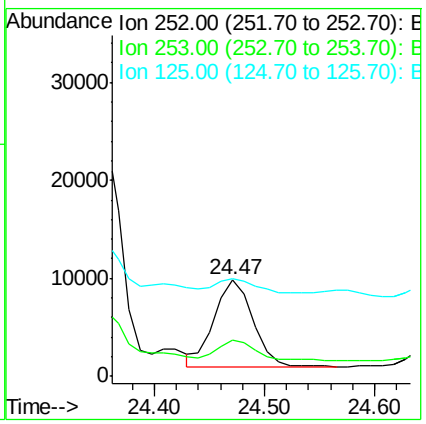




#25
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 24.47 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

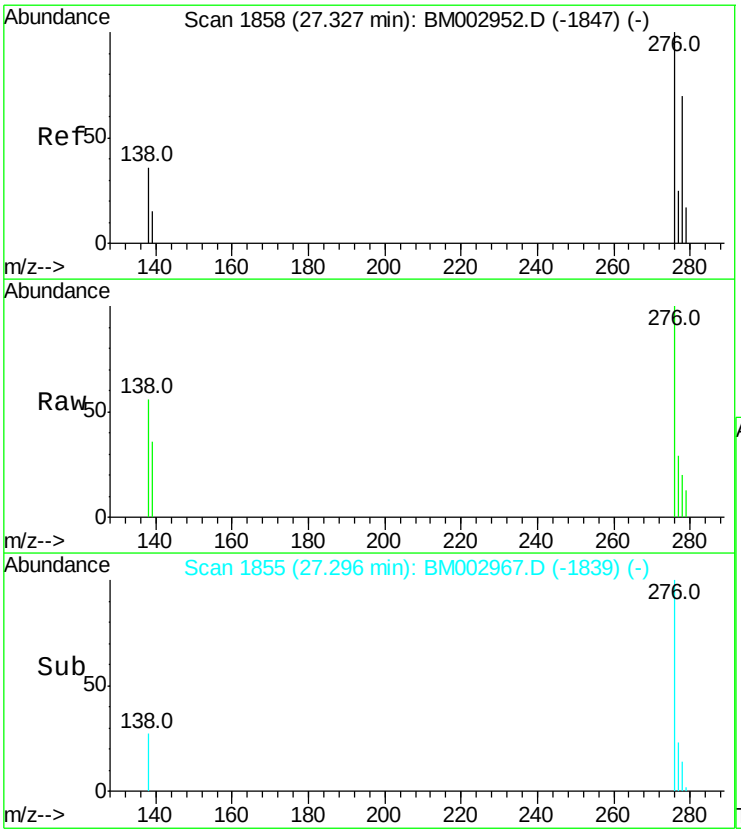
Tgt Ion:252 Resp: 21385

Ion	Ratio	Lower	Upper
252	100		
253	37.0	21.8	32.8#
125	100.5	14.5	21.7#



Instrument :
BNA_M
ClientSampleId :
JG9K6

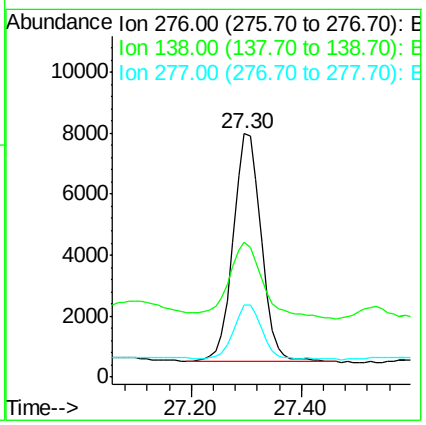
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:03 PM

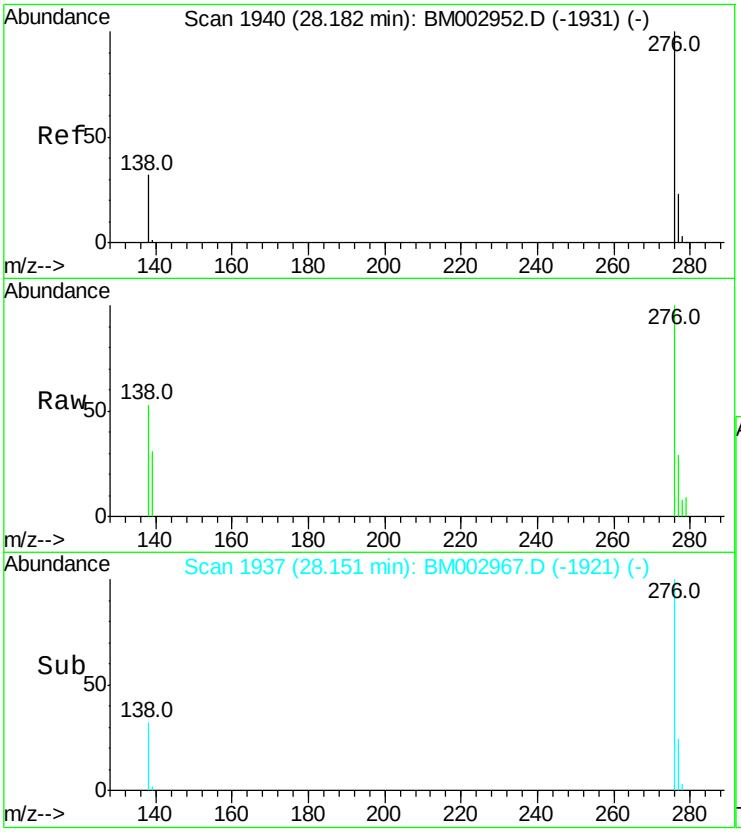


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul
RT: 27.30 min Scan# 1855
Delta R.T. -0.03 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:276 Resp: 26756

Ion	Ratio	Lower	Upper
276	100		
138	41.4	27.5	41.3#
277	24.3	19.3	28.9

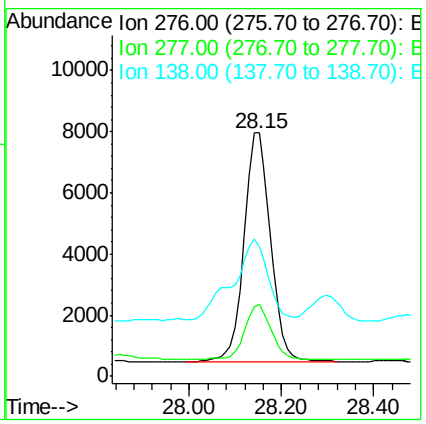




#28
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 28.15 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BM002967.D
Acq: 22 Oct 2015 03:02

Tgt Ion:276 Resp: 30098

Ion	Ratio	Lower	Upper
276	100		
277	29.4	21.3	31.9
138	53.4	25.5	38.3#



Instrument :
BNA_M
ClientSampleId :
JG9K6

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:03 PM