Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
Data File : BM000128.D
Acq On : 07 Jan 2015 14:41
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-0.07PPM-SIM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations
APPROVED
TEJASKUMAR
1/9/2015 5:44:49 PM

Quant Time: Jan 08 11:53:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2889	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9614	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5634	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10870	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	9032	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8212	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4535	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8182	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1150	0.04	ng/ul#	85
5) 2-Methylnaphthalene	12.29	142	765	0.04	ng/ul	98
7) Acenaphthylene	14.20	152	1214	0.04	ng/ul#	82
8) Acenaphthene	14.54	153	780	0.04	ng/ul	95
9) Fluorene	15.54	166	946	0.05	ng/ul#	91
11) Pentachlorophenol	16.90	266	41	0.02	ng/ul#	70
12) Phenanthrene	17.26	178	1503	0.04	ng/ul#	82
13) Anthracene	17.35	178	1358	0.04	ng/ul#	81
15) Fluoranthene	19.28	202	1766	0.05	ng/ul	87
17) Pyrene	19.65	202	1822	0.05	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	1445	0.05	ng/ul	91
19) Chrysene	21.44	228	1631m	0.05	ng/ul	
21) Benzo(b)fluoranthene	23.00	252	1488	0.05	ng/ul#	58
22) Benzo(k)fluoranthene	23.05	252	1424	0.05	ng/ul#	57
23) Benzo(a)pyrene	23.61	252	1324	0.05	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	26.06	276	1532	0.05	ng/ul	98
25) Dibenzo(a,h)anthracene	26.08	278	1270	0.05	ng/ul#	55
26) Benzo(g,h,i)perylene	26.76	276	1387	0.05	ng/ul#	74

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
Data File : BM000128.D
Acq On : 07 Jan 2015 14:41
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-0.07PPM-SIM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 08 11:53:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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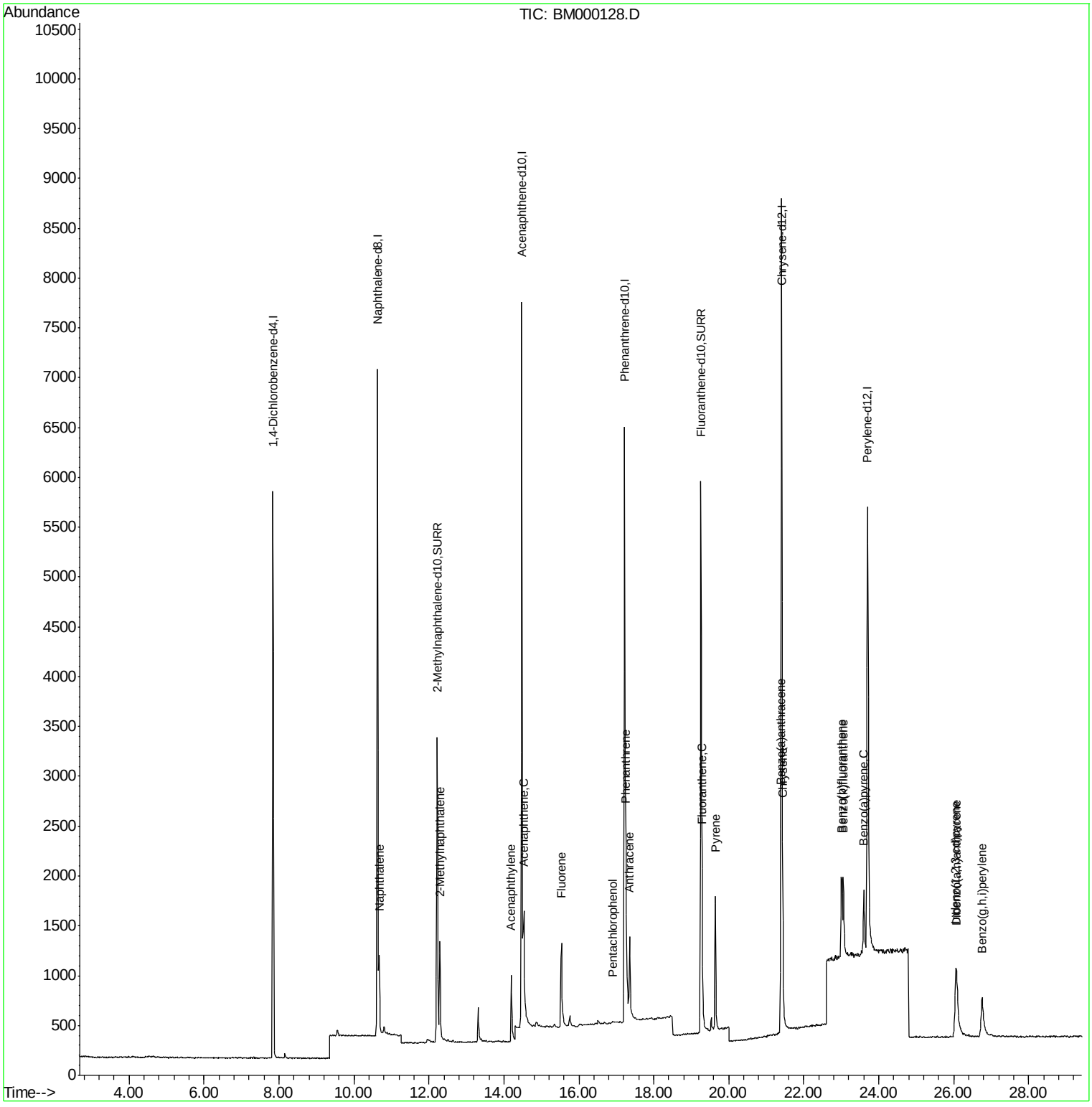

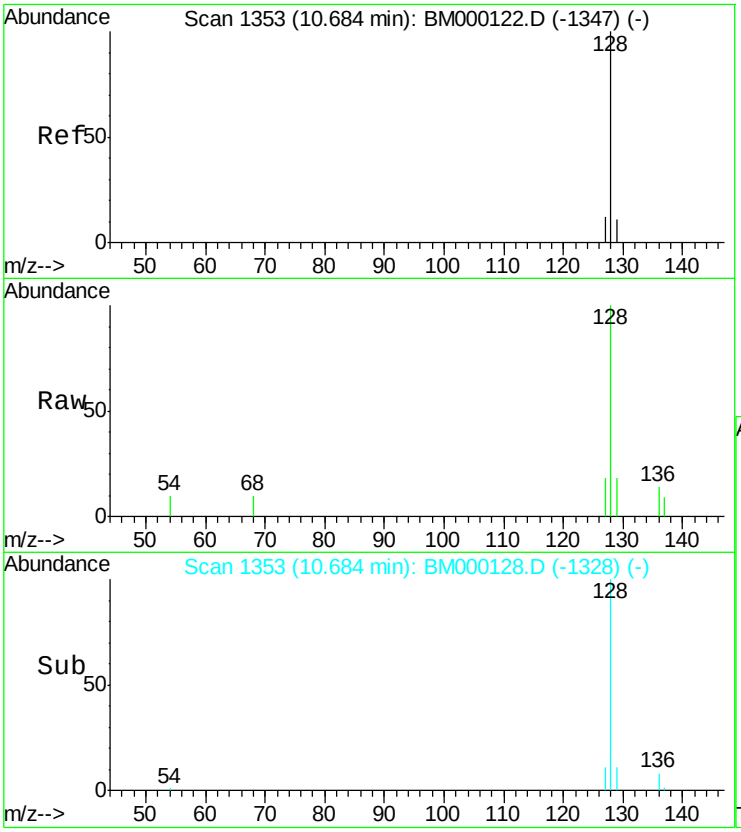

#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.68 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:128 Resp: 1150

Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.5	14.3#
127	18.2	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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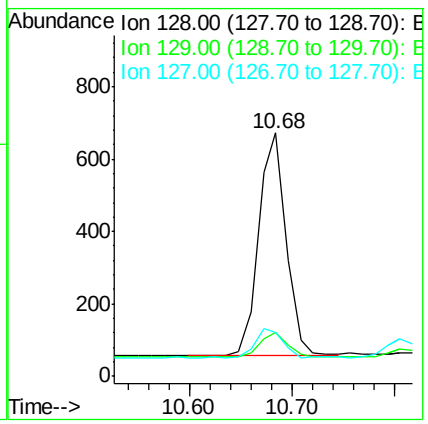
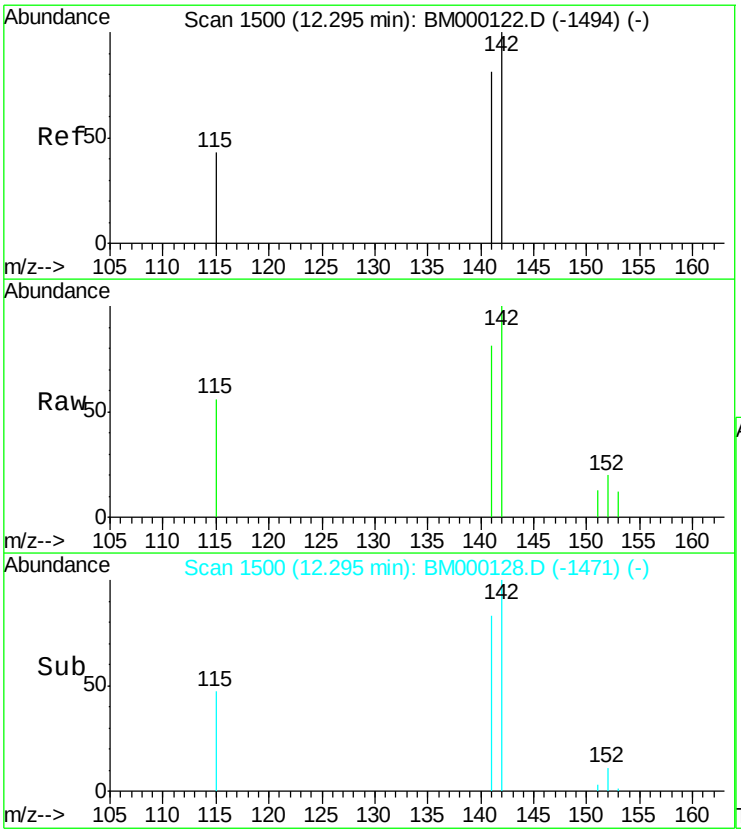
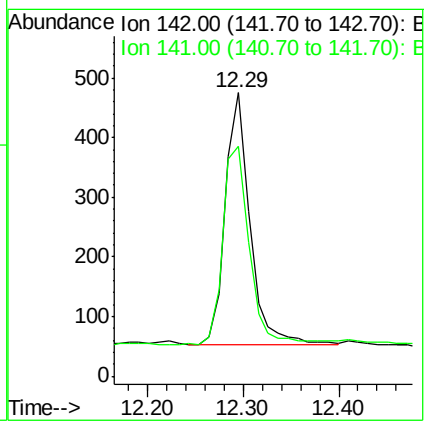


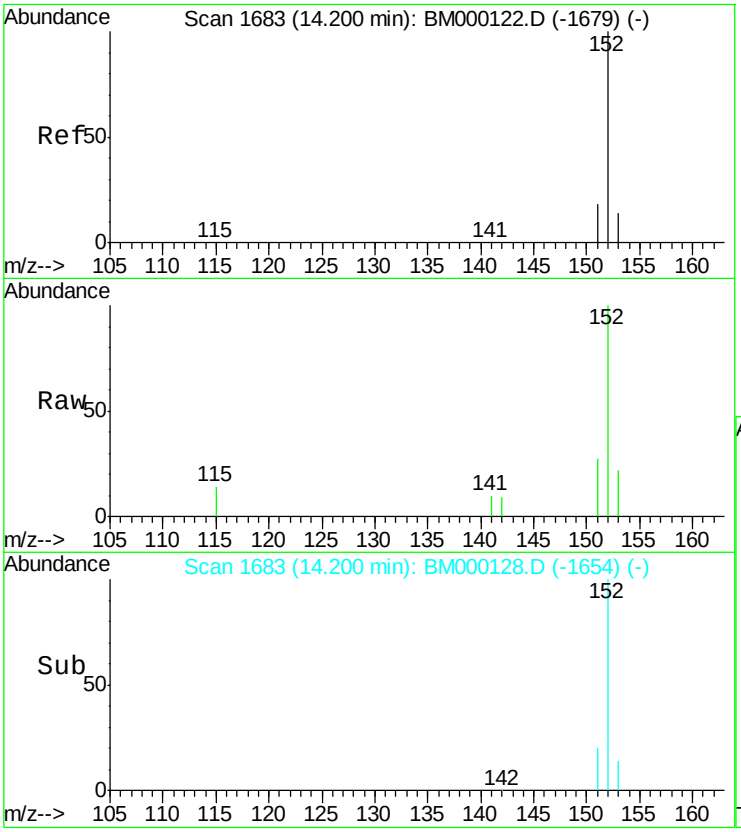


#5
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.29 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:142 Resp: 765

Ion	Ratio	Lower	Upper
142	100		
141	84.2	68.9	103.3





#7
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.20 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:152 Resp: 1214

Ion	Ratio	Lower	Upper
152	100		
151	27.2	15.4	23.2#
153	21.6	11.0	16.4#

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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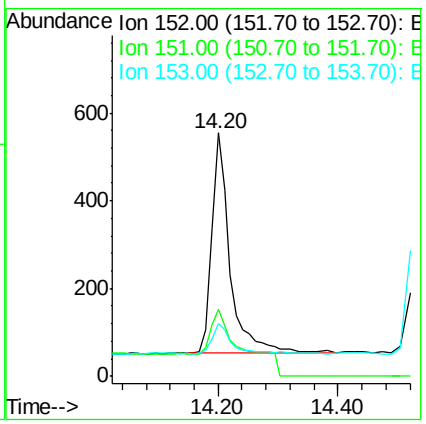
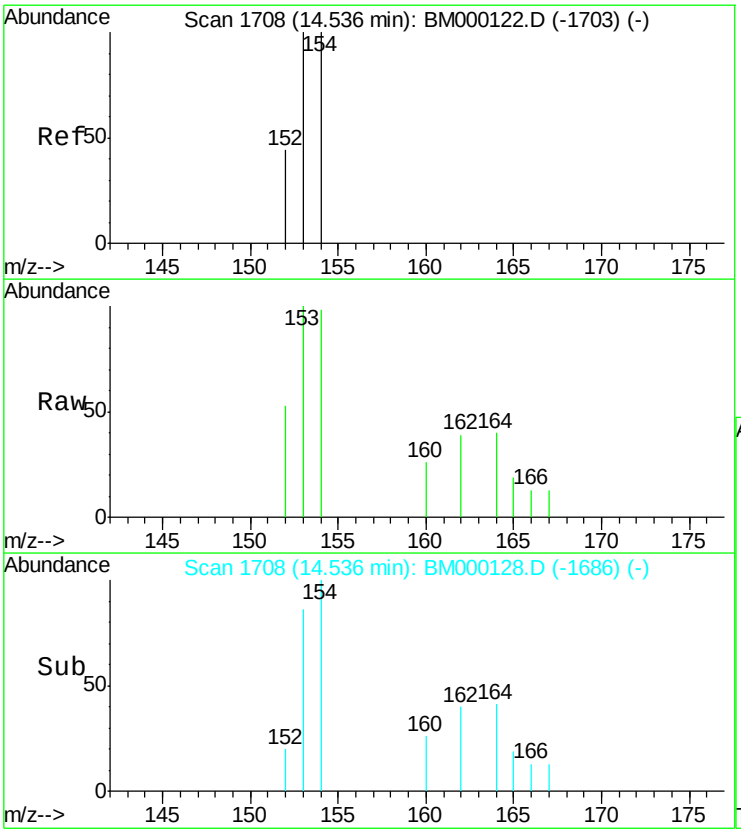
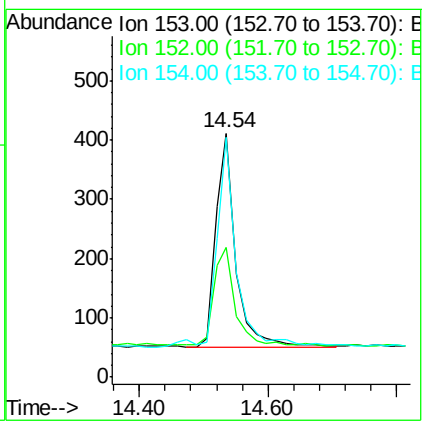


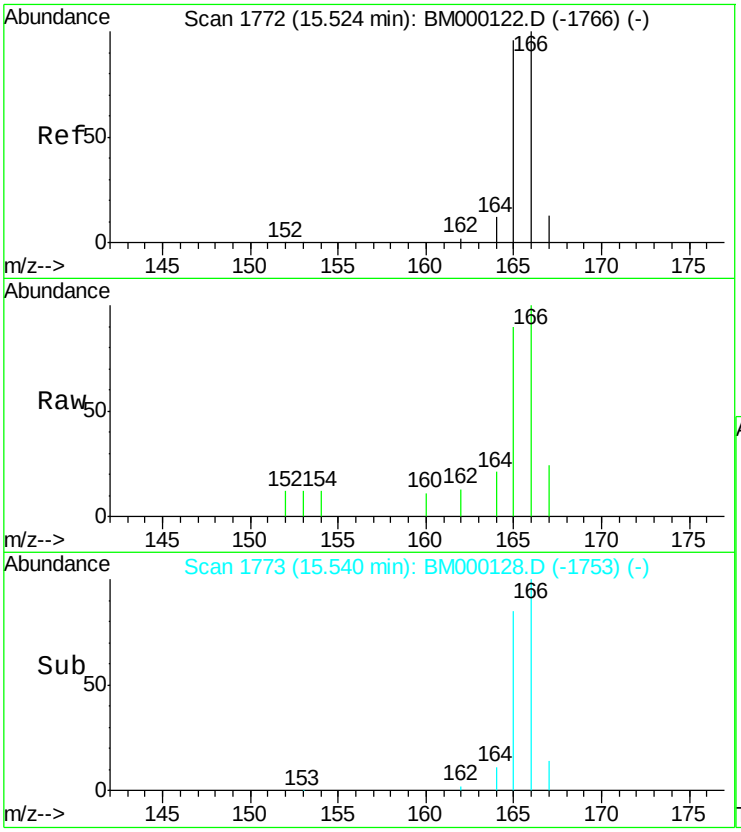


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.54 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:153 Resp: 780

Ion	Ratio	Lower	Upper
153	100		
152	53.0	35.8	53.6
154	98.3	79.9	119.9

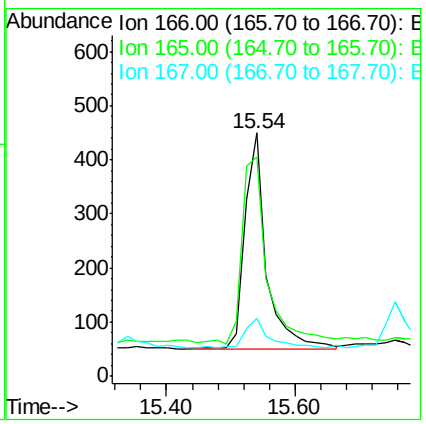




#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.54 min Scan# 1773
Delta R.T. 0.02 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:166 Resp: 946

Ion	Ratio	Lower	Upper
166	100		
165	90.0	77.0	115.4
167	24.0	11.0	16.6#



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

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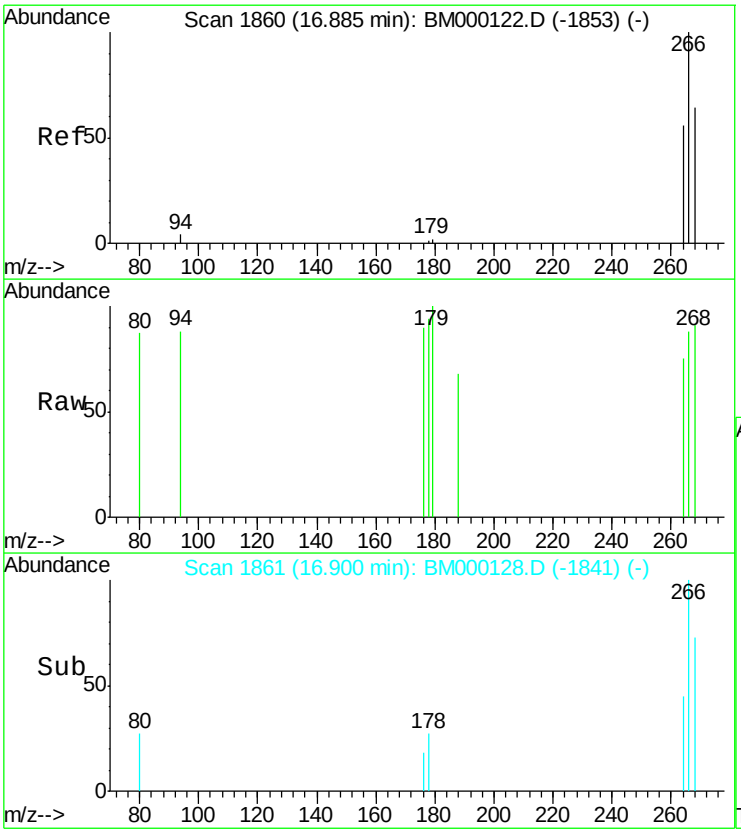
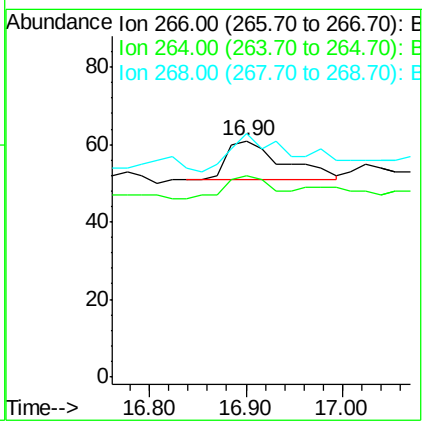
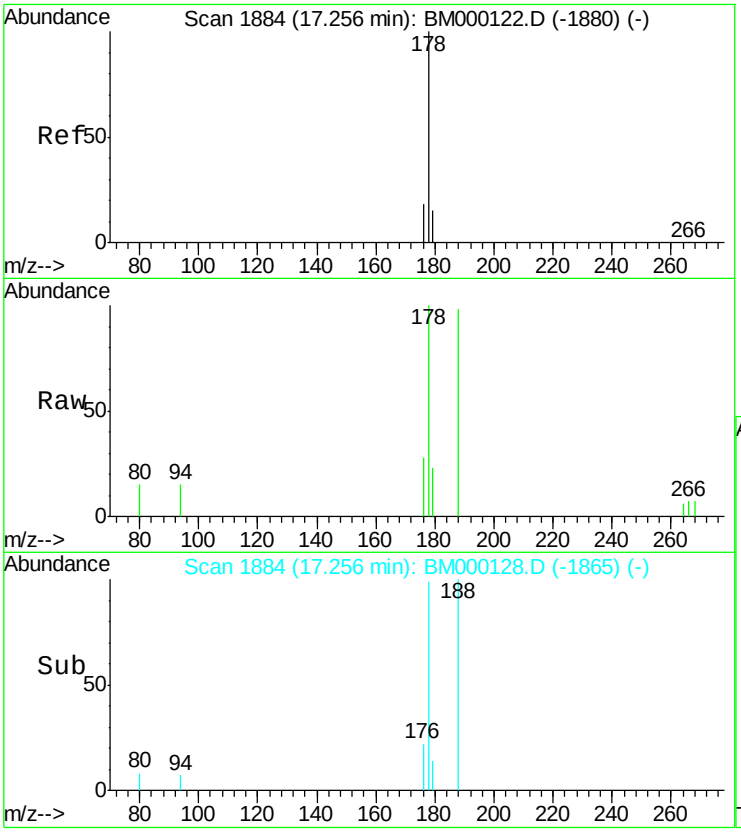


#11
Pentachlorophenol
Concen: 0.02 ng/ul
RT: 16.90 min Scan# 1861
Delta R.T. 0.02 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:266 Resp: 41

Ion	Ratio	Lower	Upper
266	100		
264	48.8	53.9	80.9#
268	90.2	49.2	73.8#





#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.26 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:178 Resp: 1503

Ion	Ratio	Lower	Upper
178	100		
176	27.9	15.1	22.7#
179	22.5	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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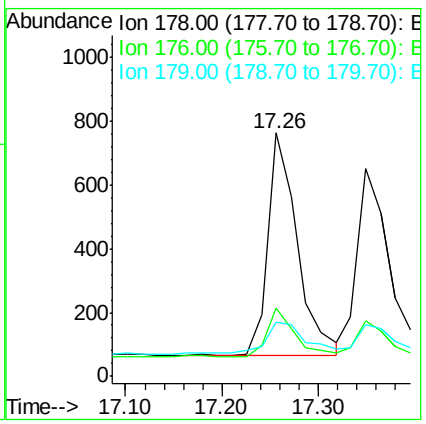
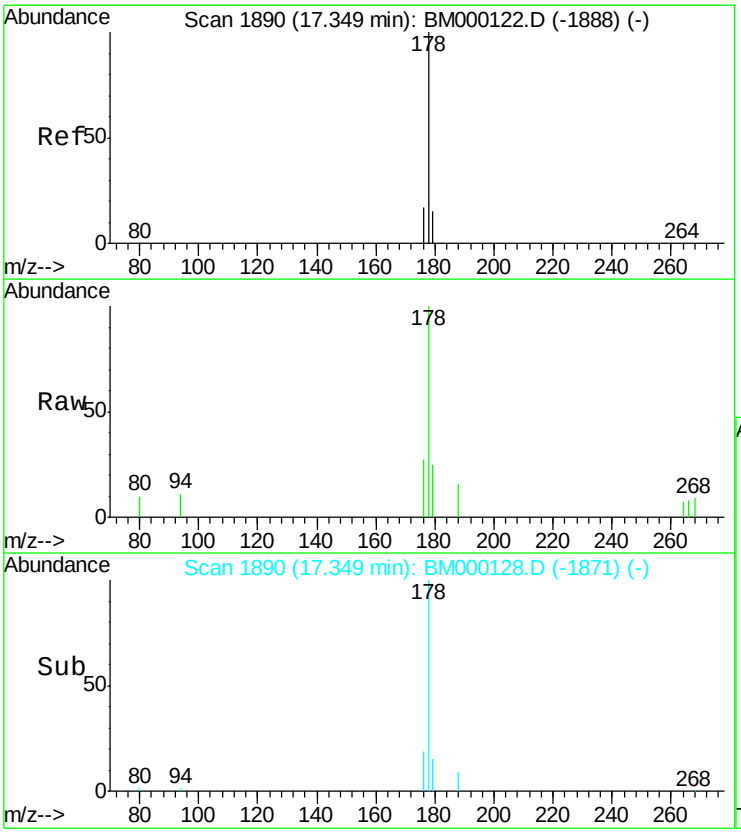
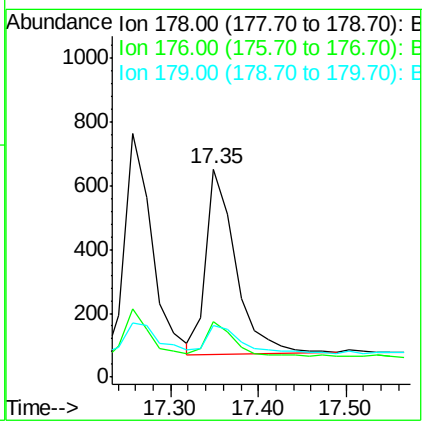


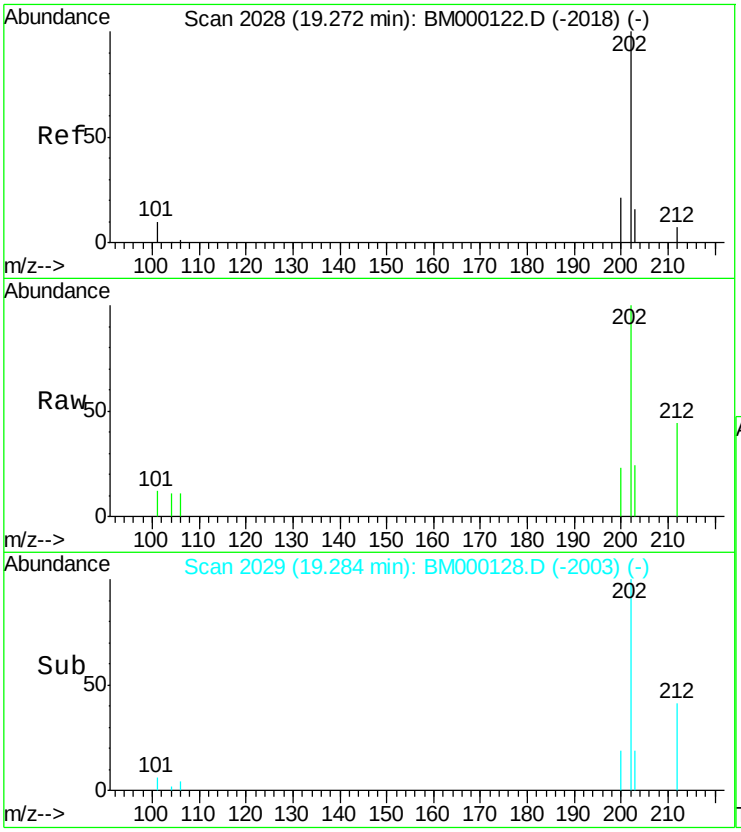


#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:178 Resp: 1358

Ion	Ratio	Lower	Upper
178	100		
176	26.8	14.6	21.8#
179	24.8	13.1	19.7#

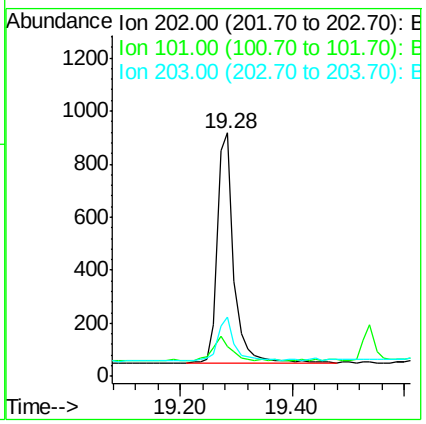




#15
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.28 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:202 Resp: 1766

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.5
203	24.2	0.0	36.6



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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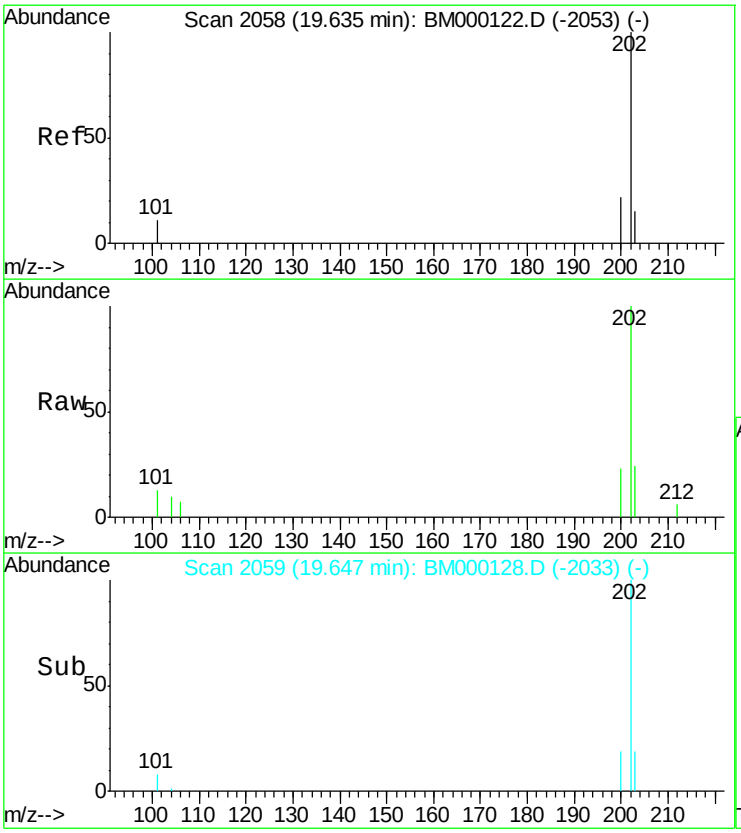
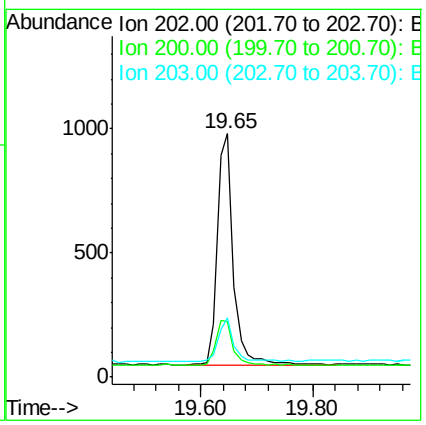
1/9/2015 5:44:49 PM

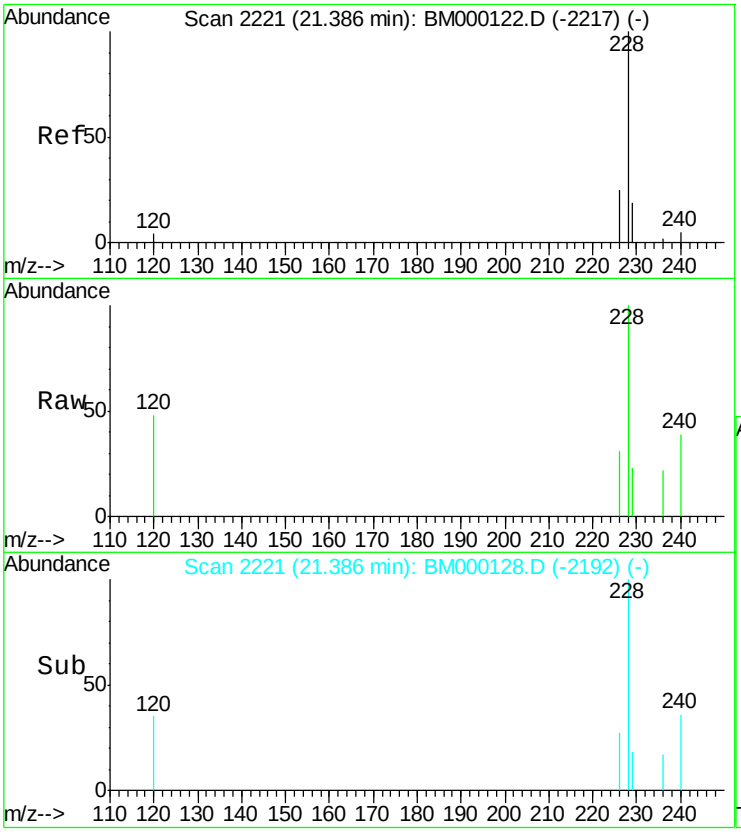


#17
Pyrene
Concen: 0.05 ng/ul
RT: 19.65 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:202 Resp: 1822

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	24.2	12.8	19.2#

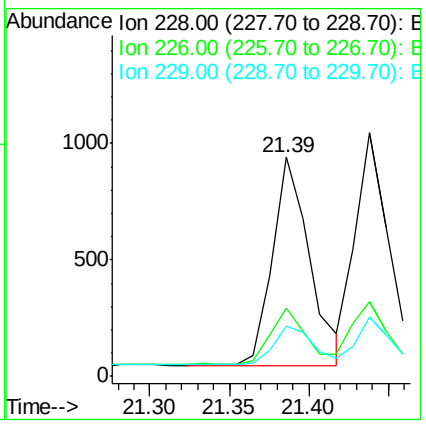




#18
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:228 Resp: 1445

Ion	Ratio	Lower	Upper
228	100		
226	31.2	20.8	31.2
229	22.8	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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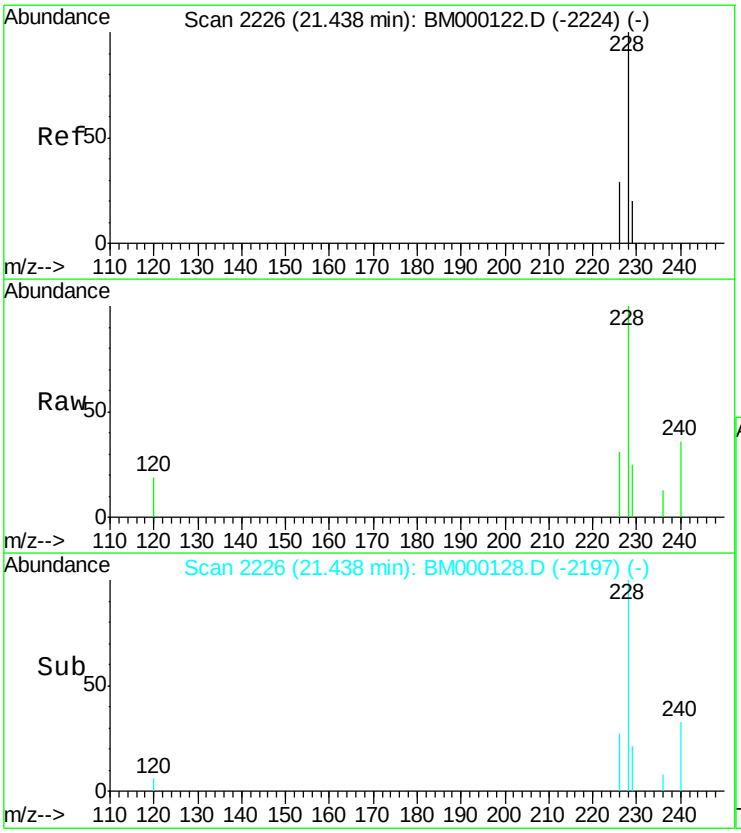
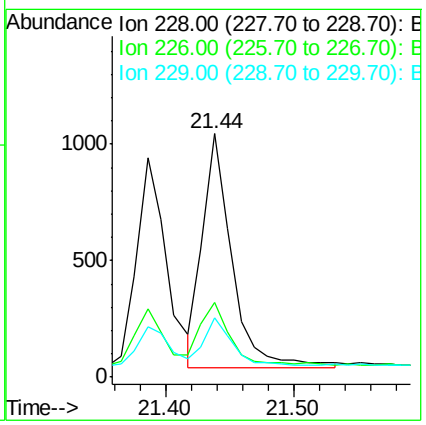
1/9/2015 5:44:49 PM

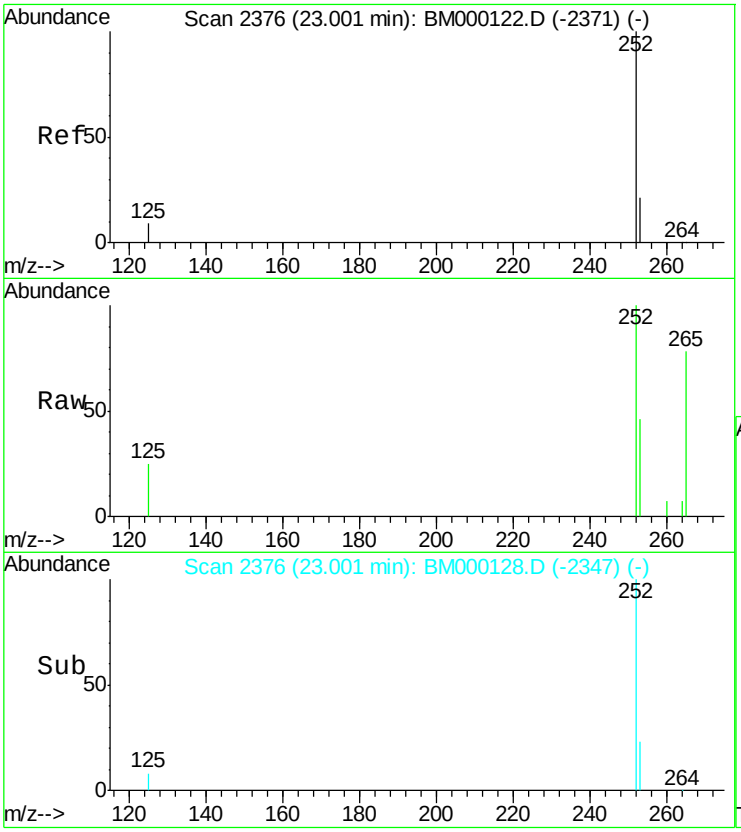


#19
Chrysene
Concen: 0.05 ng/ul m
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:228 Resp: 1631

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	24.6	15.8	23.8#

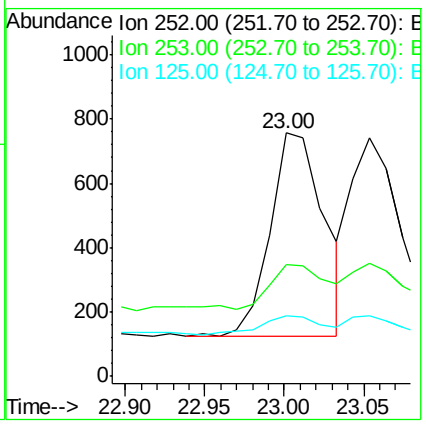




#21
Benzo(b)fluoranthene
Concen: 0.05 ng/ul
RT: 23.00 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:252 Resp: 1488

Ion	Ratio	Lower	Upper
252	100		
253	46.0	0.0	48.2
125	24.7	0.0	21.6#



Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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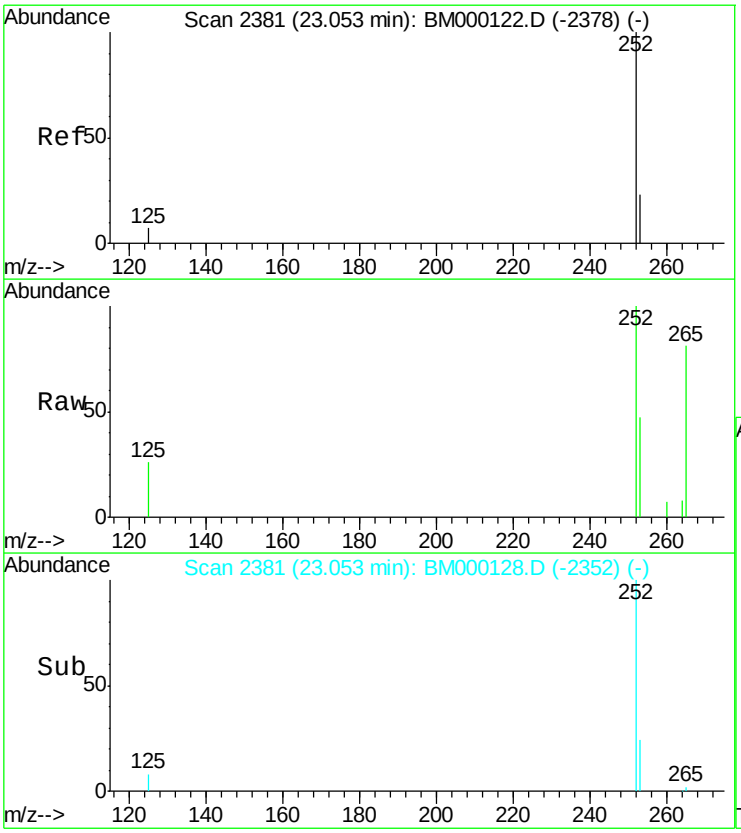
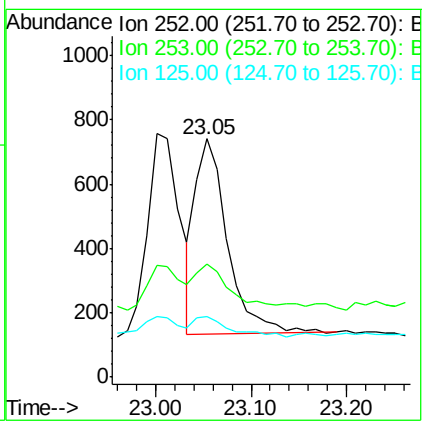
1/9/2015 5:44:49 PM

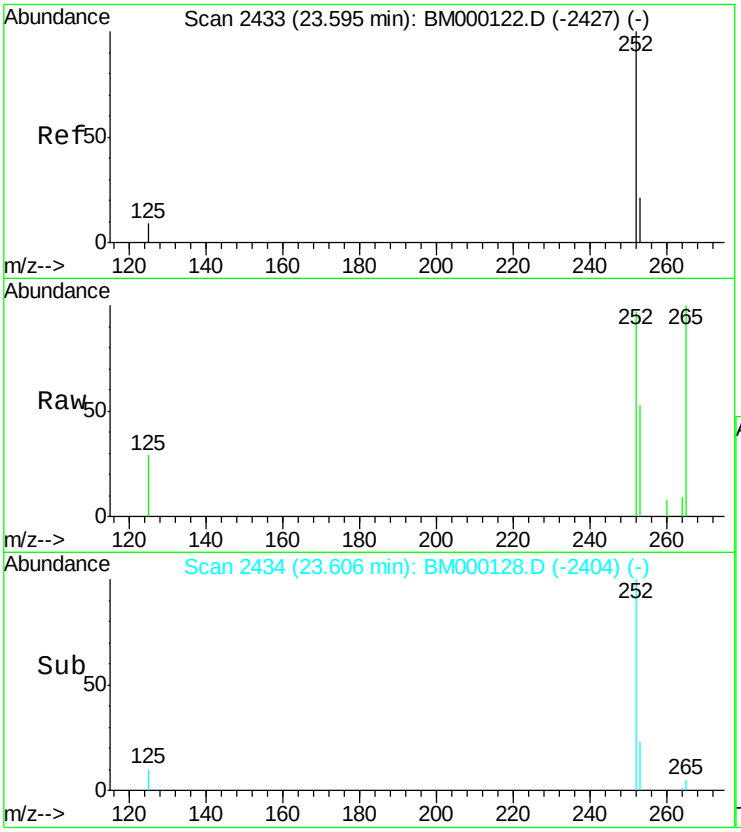


#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul
RT: 23.05 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:252 Resp: 1424

Ion	Ratio	Lower	Upper
252	100		
253	47.4	20.5	30.7#
125	25.5	7.8	11.8#





#23
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.61 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:252 Resp: 1324

Ion	Ratio	Lower	Upper
252	100		
253	54.6	19.8	29.6#
125	30.1	9.2	13.8#

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
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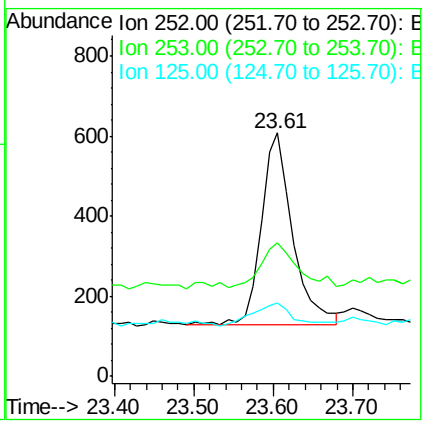
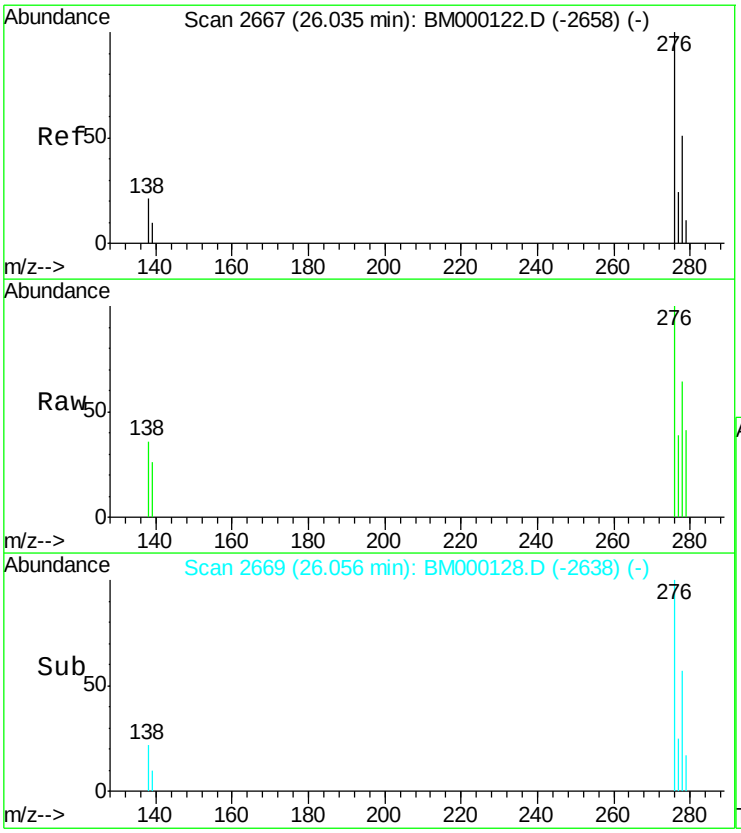
1/9/2015 5:44:49 PM

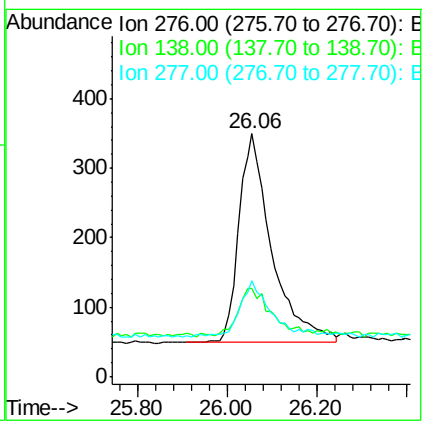


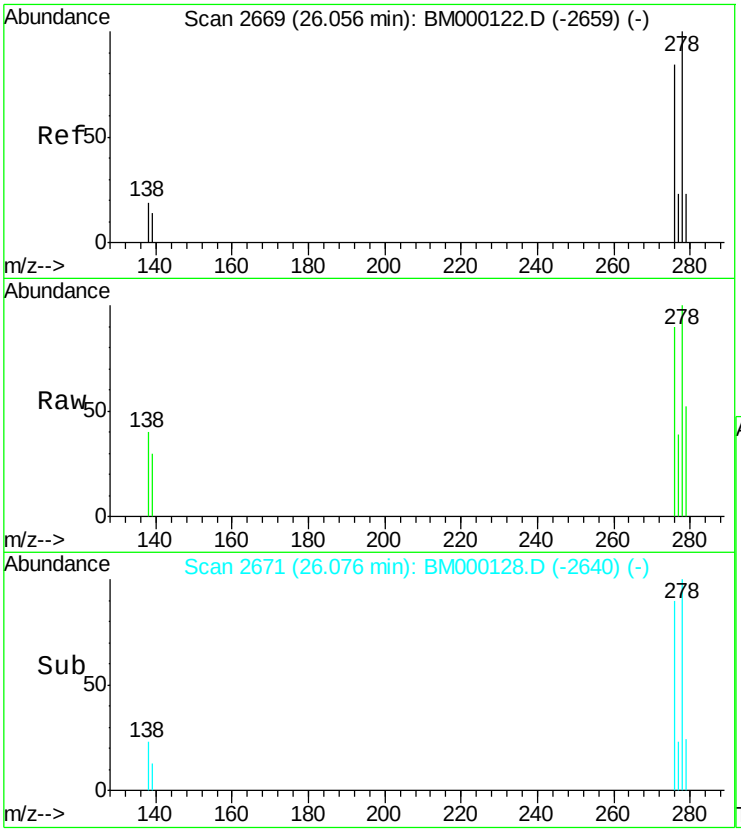


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 26.06 min Scan# 2669
Delta R.T. 0.02 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:276 Resp: 1532

Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.6	26.4
277	24.4	19.9	29.9





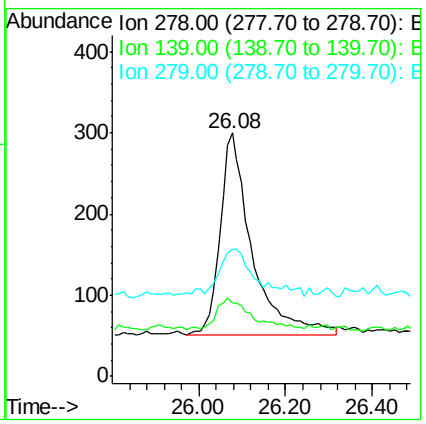
#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.08 min Scan# 2671
Delta R.T. 0.02 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

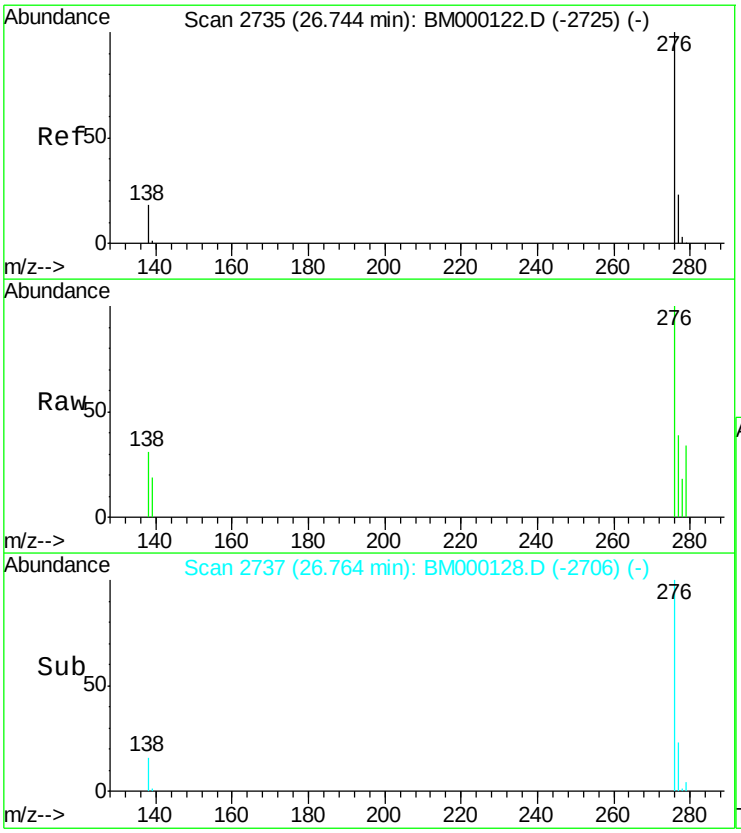
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Manual Integrations APPROVED
TEJASKUMAR
1/9/2015 5:44:49 PM

Tgt Ion:278 Resp: 1270

Ion	Ratio	Lower	Upper
278	100		
139	30.0	12.6	18.8#
279	52.0	20.6	30.8#





#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.76 min Scan# 2737
Delta R.T. 0.02 min
Lab File: BM000128.D
Acq: 07 Jan 2015 14:41

Tgt Ion:276 Resp: 1387

Ion	Ratio	Lower	Upper
276	100		
277	38.6	20.0	30.0#
138	31.2	15.7	23.5#