Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
Data File : BM002663.D
Acq On : 04 Sep 2015 00:23
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:49:08 PM

Quant Time: Sep 04 04:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	6248	0.40 ng/ul	0.00
4) Naphthalene-d8	11.64	136	22924	0.40 ng/ul	0.00
8) Acenaphthene-d10	15.36	164	9355	0.40 ng/ul	0.00
12) Phenanthrene-d10	18.08	188	17900	0.40 ng/ul	0.00
18) Chrysene-d12	22.16	240	16993	0.40 ng/ul	0.00
22) Perylene-d12	24.77	264	16645	0.40 ng/ul	-0.01
System Monitoring Compounds					
2) 1,4-Dioxane-d8	0.00	96	0d	0.00 ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	14496	0.47 ng/ul	0.00
16) Fluoranthene-d10	20.03	212	22801	0.56 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	11.69	128	3420	0.06 ng/ul	94
7) 2-Methylnaphthalene	13.25	142	2462	0.06 ng/ul	85
9) Acenaphthylene	15.09	152	3041	0.06 ng/ul	98
10) Acenaphthene	15.42	153	2019	0.06 ng/ul	97
11) Fluorene	16.39	166	2212	0.06 ng/ul#	90
14) Phenanthrene	18.11	178	3288	0.06 ng/ul#	93
15) Anthracene	18.20	178	3298m	0.06 ng/ul	
17) Fluoranthene	20.07	202	3773	0.07 ng/ul	88
19) Pyrene	20.42	202	3853	0.06 ng/ul#	92
20) Benzo(a)anthracene	22.14	228	3591	0.06 ng/ul#	91
21) Chrysene	22.19	228	3462	0.06 ng/ul#	89
23) Benzo(b)fluoranthene	23.96	252	4016	0.07 ng/ul#	52
24) Benzo(k)fluoranthene	24.01	252	3374	0.06 ng/ul#	52
25) Benzo(a)pyrene	24.66	252	3421	0.06 ng/ul#	46
26) Indeno(1,2,3-cd)pyrene	27.54	276	4219	0.06 ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	3291	0.06 ng/ul#	68
28) Benzo(g,h,i)perylene	28.40	276	3507	0.06 ng/ul#	71

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
Data File : BM002663.D
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Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 04 04:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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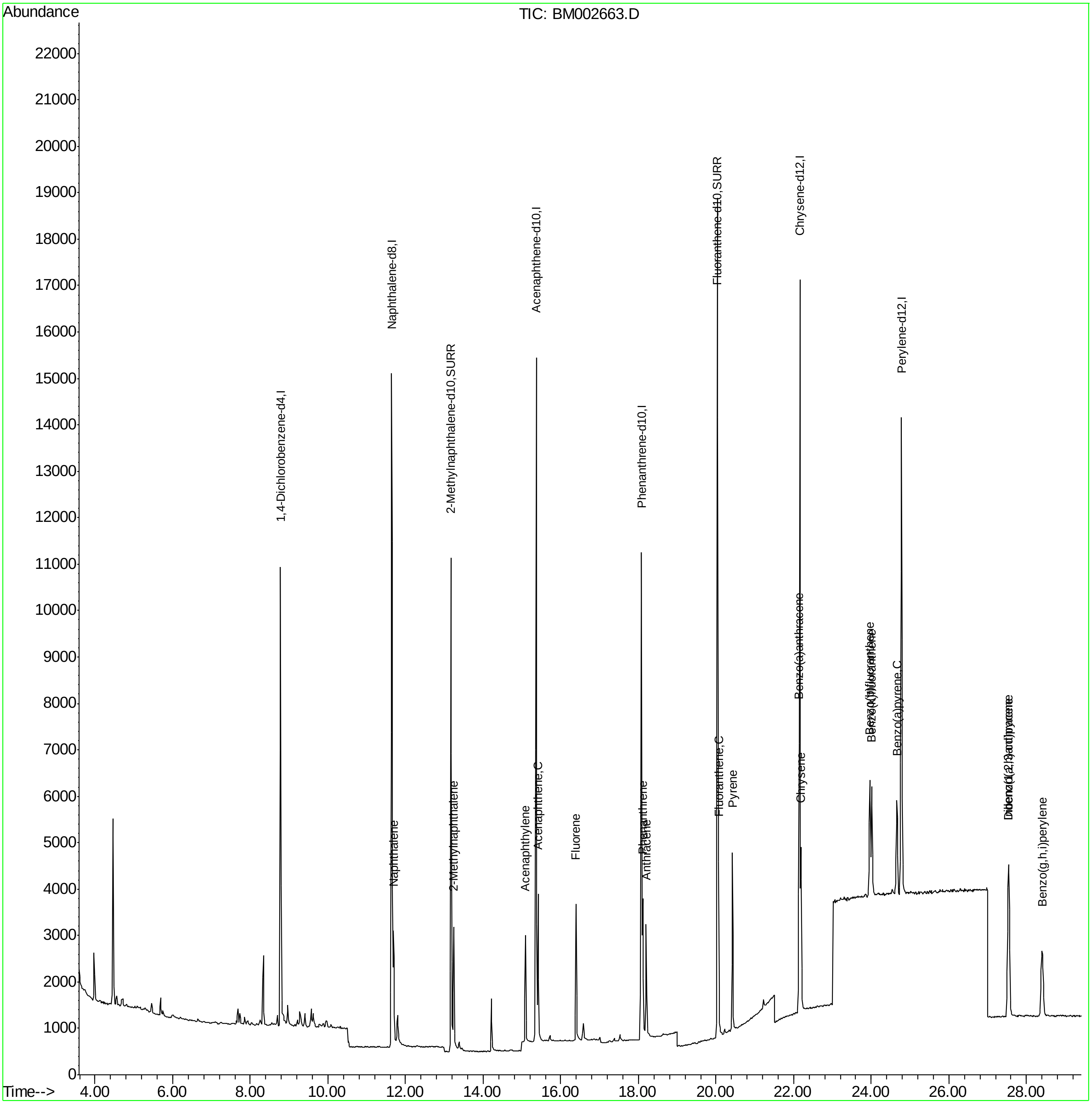

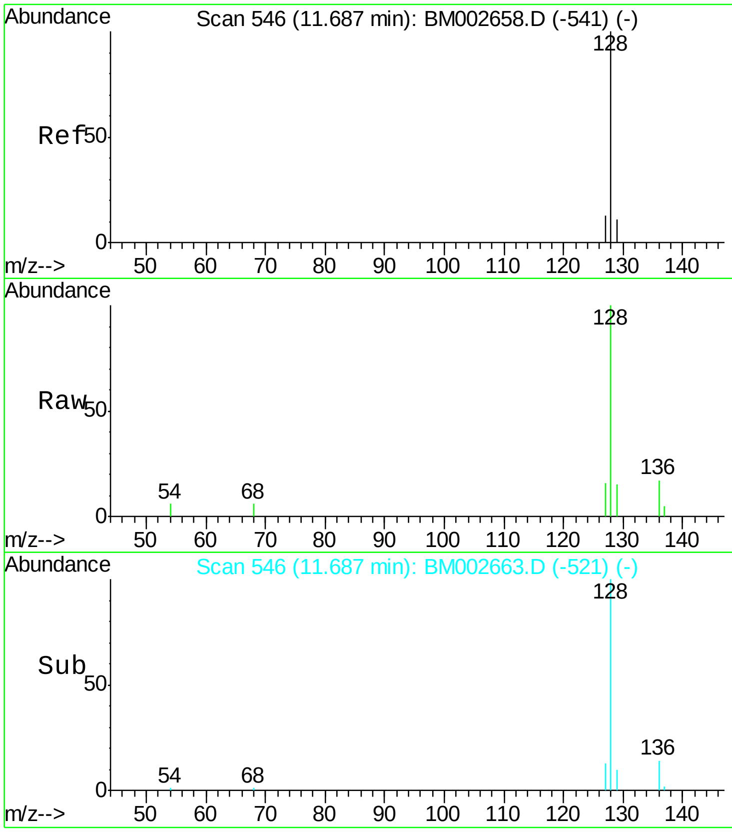

#5
Naphthalene
Concen: 0.06 ng/ul
RT: 11.69 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:128 Resp: 3420

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.8	14.8
127	15.8	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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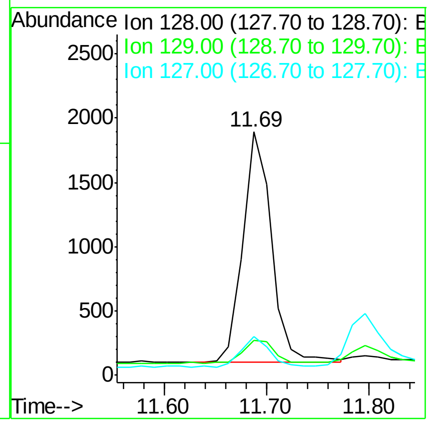
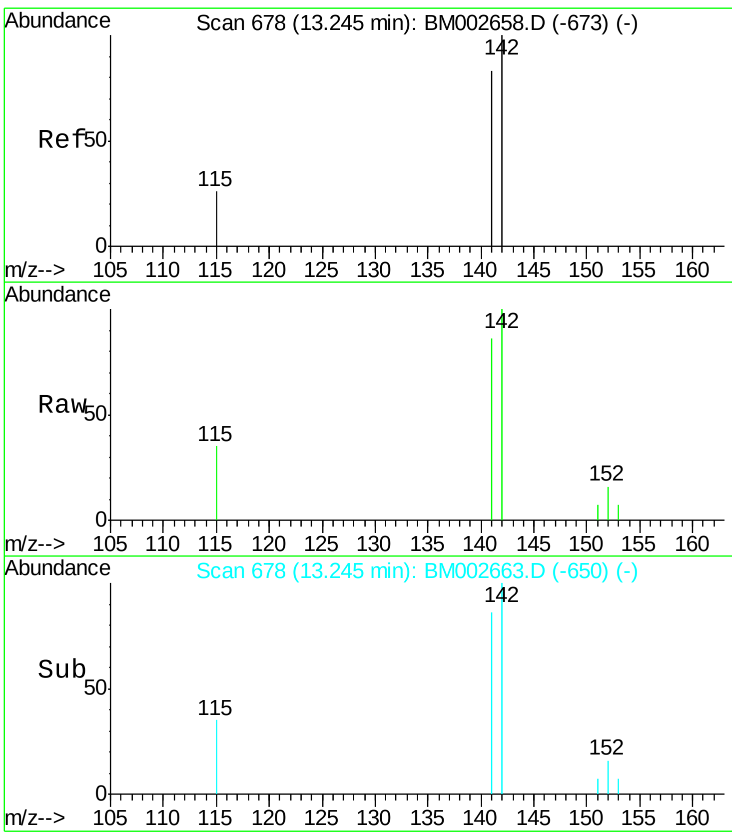
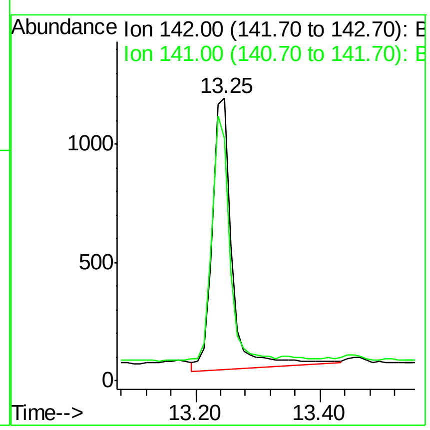


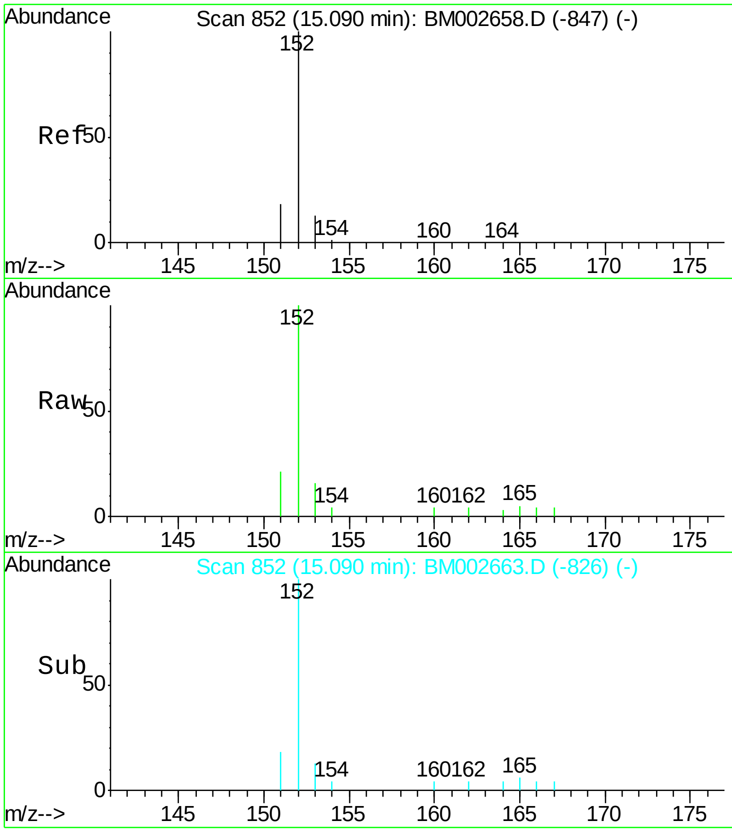


#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 13.25 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:142 Resp: 2462

Ion	Ratio	Lower	Upper
142	100		
141	102.2	70.3	105.5





#9
Acenaphthylene
Concen: 0.06 ng/ul
RT: 15.09 min Scan# 852
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:152 Resp: 3041

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	16.4	11.3	16.9

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

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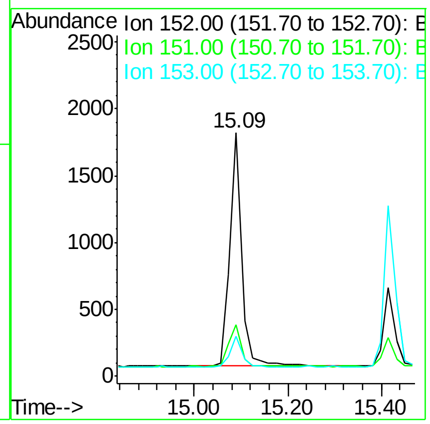
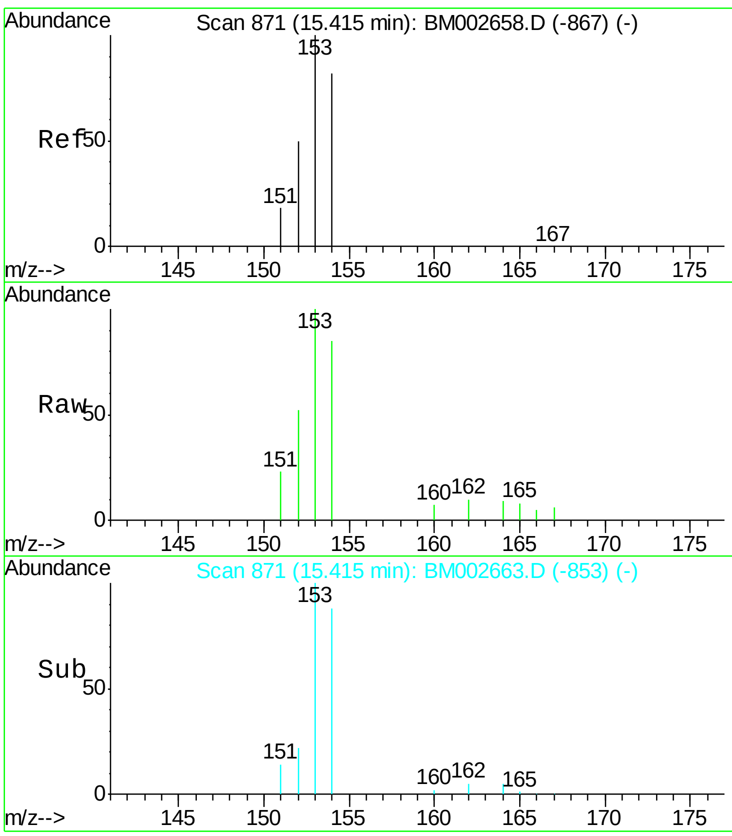
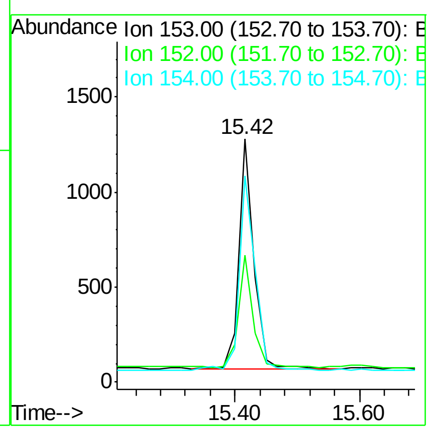


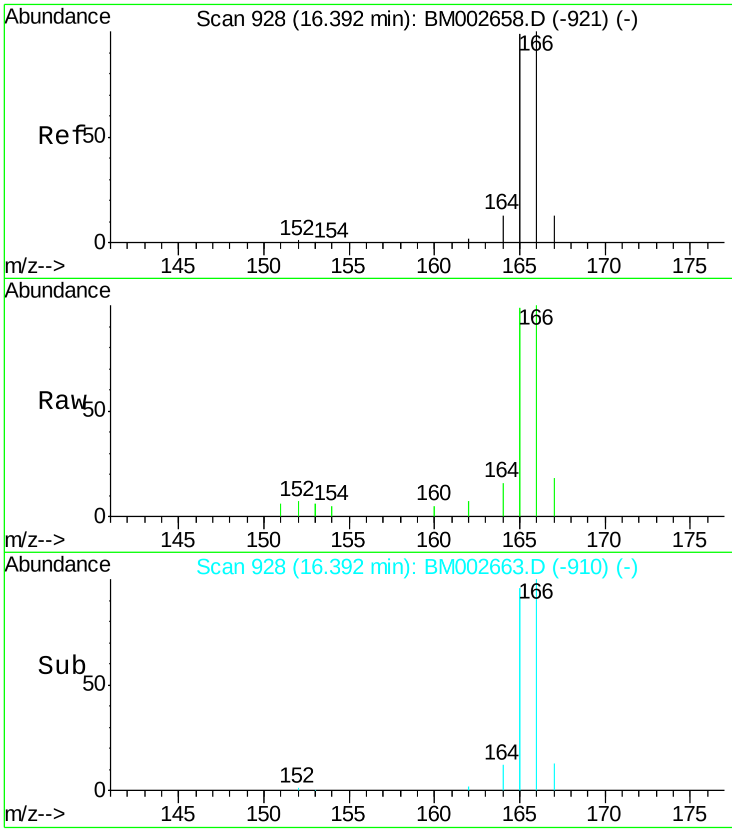


#10
Acenaphthene
Concen: 0.06 ng/ul
RT: 15.42 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:153 Resp: 2019

Ion	Ratio	Lower	Upper
153	100		
152	52.2	42.3	63.5
154	84.7	64.7	97.1





#11
Fluorene
Concen: 0.06 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:166 Resp: 2212

Ion	Ratio	Lower	Upper
166	100		
165	99.2	87.6	131.4
167	17.7	11.1	16.7#

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

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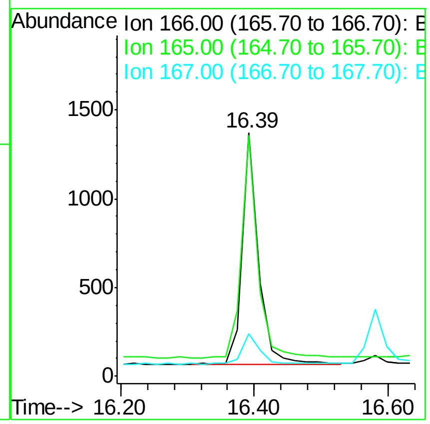
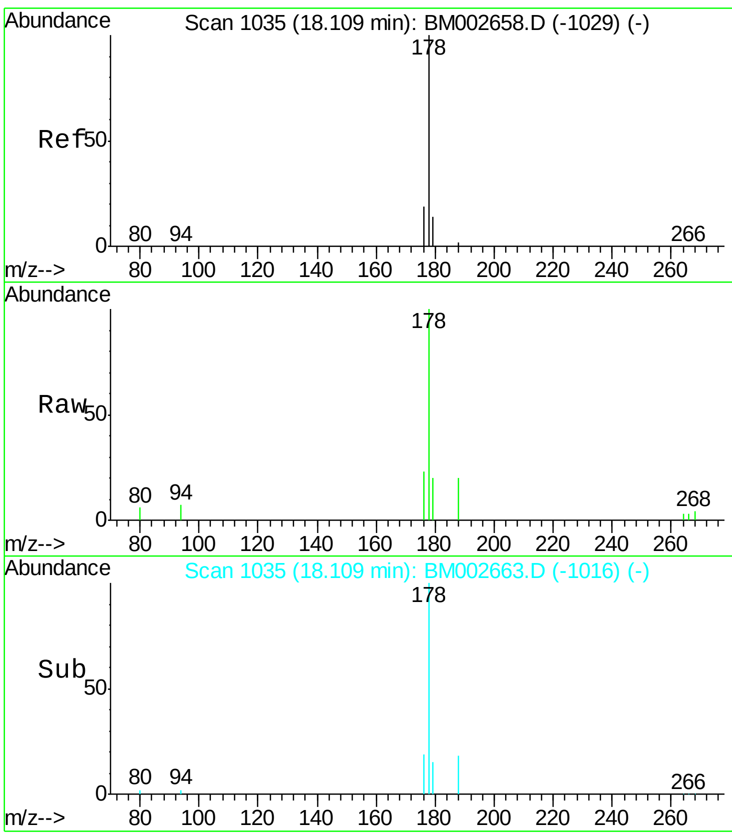
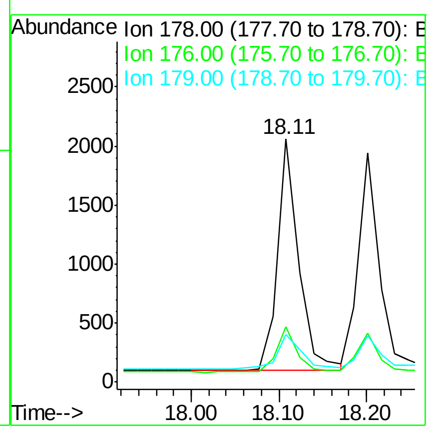


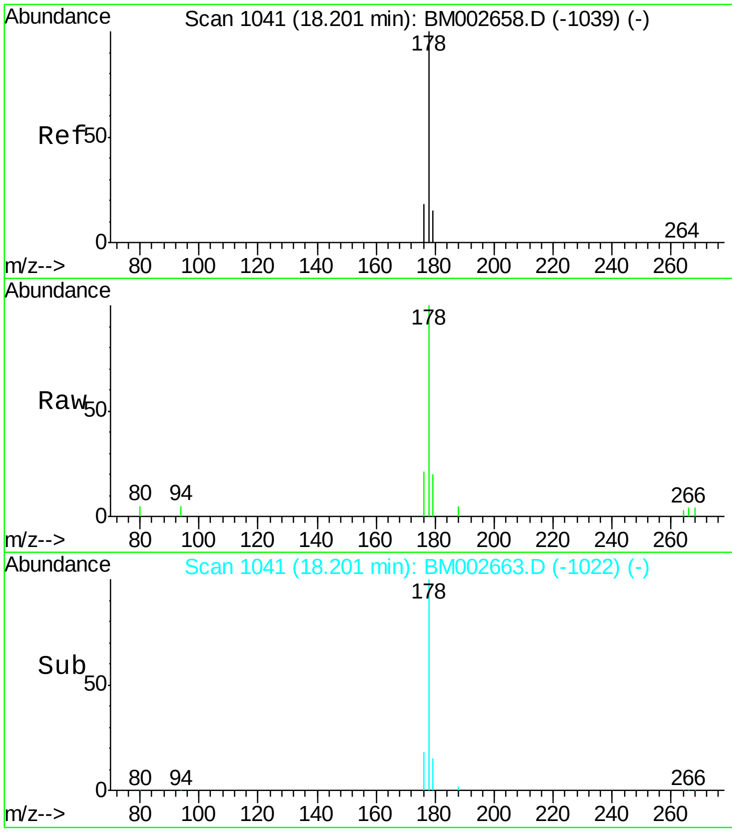


#14
Phenanthrene
Concen: 0.06 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:178 Resp: 3288

Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.2	24.4
179	19.7	12.8	19.2#





#15
Anthracene
Concen: 0.06 ng/ul m
RT: 18.20 min   Scan# 1041
Delta R.T.   0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Tgt	Ion:178	Resp:	3298
Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	20.0	13.3	19.9#

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

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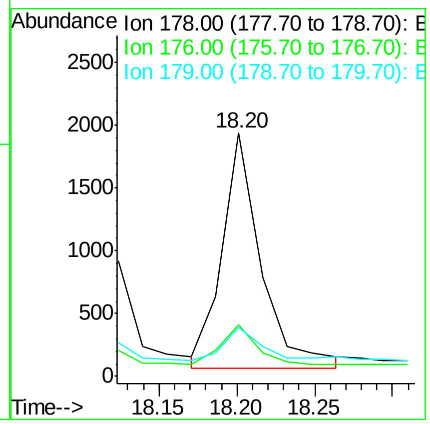
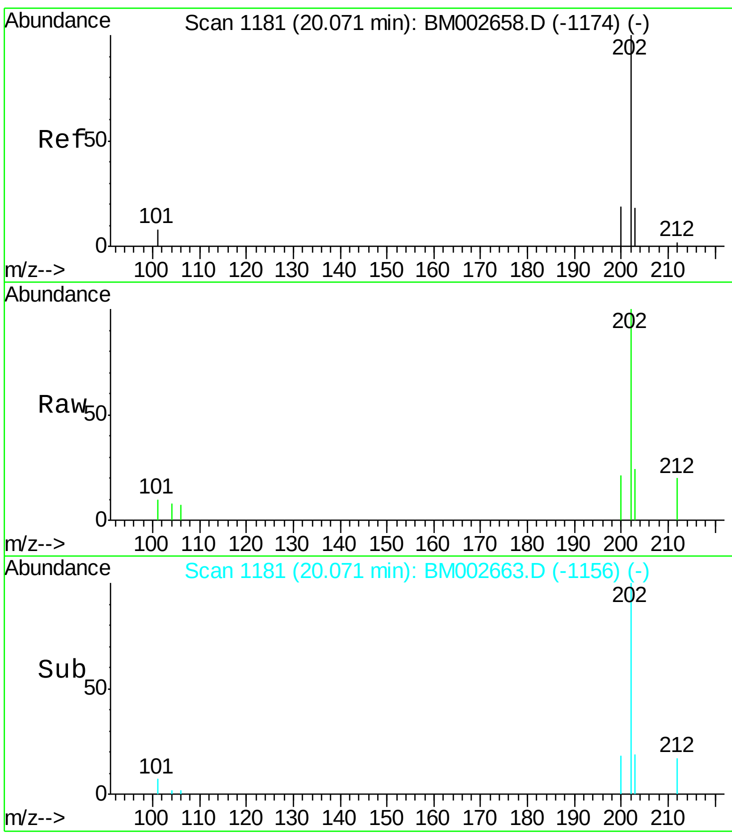
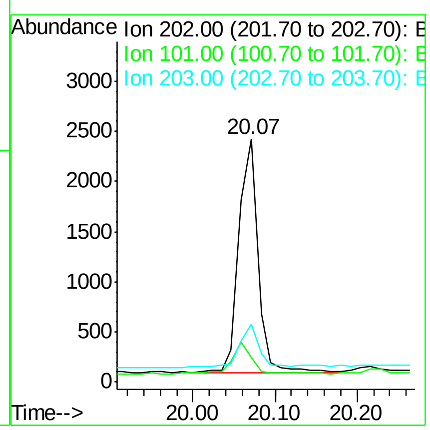
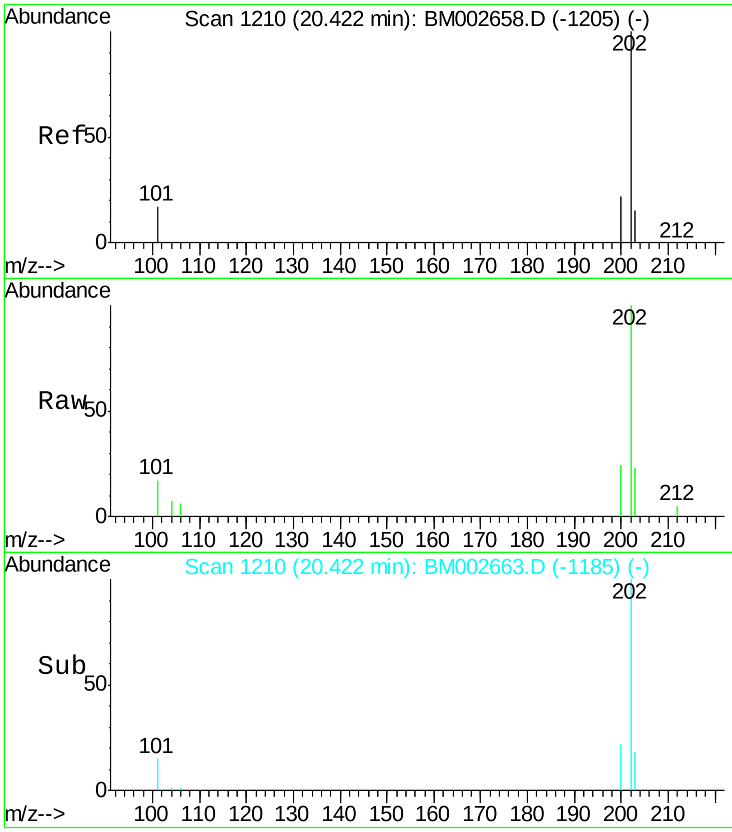




#17
Fluoranthene
Concen: 0.07 ng/ul
RT: 20.07 min   Scan# 1181
Delta R.T.   0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Tgt	Ion:202	Resp:	3773
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.1
203	23.9	0.0	37.2





#19
Pyrene
Concen: 0.06 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:202 Resp: 3853

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.0	27.0
203	23.0	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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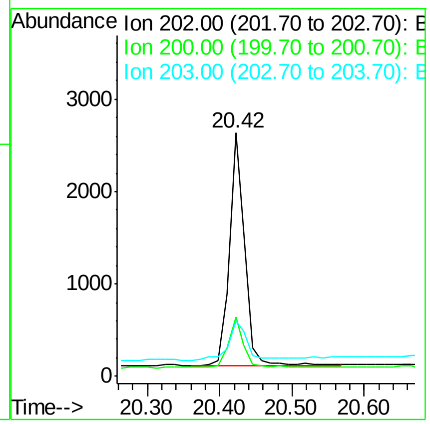
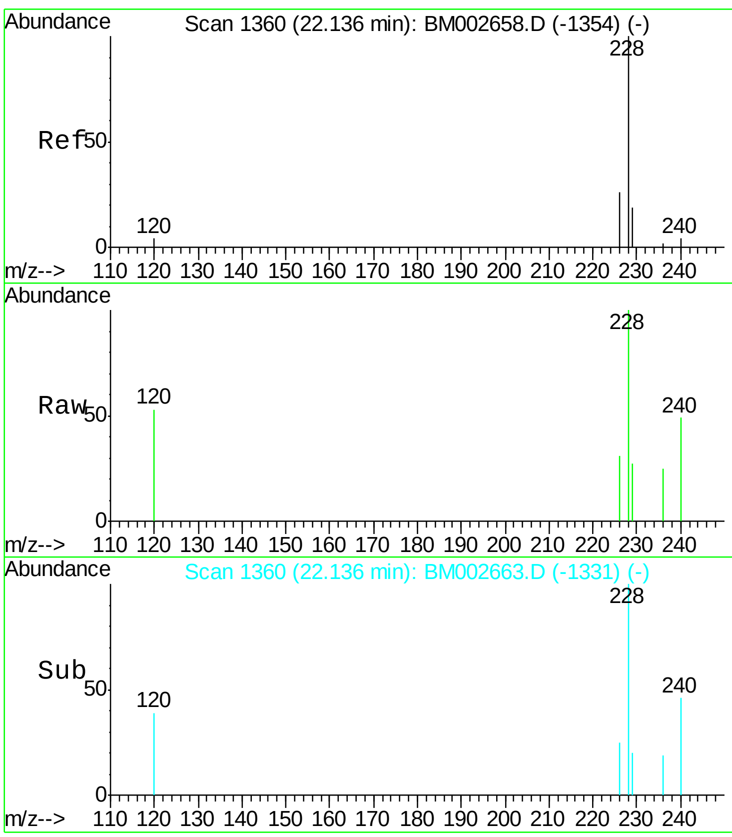
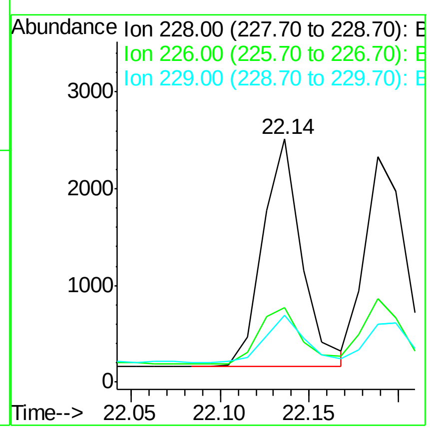


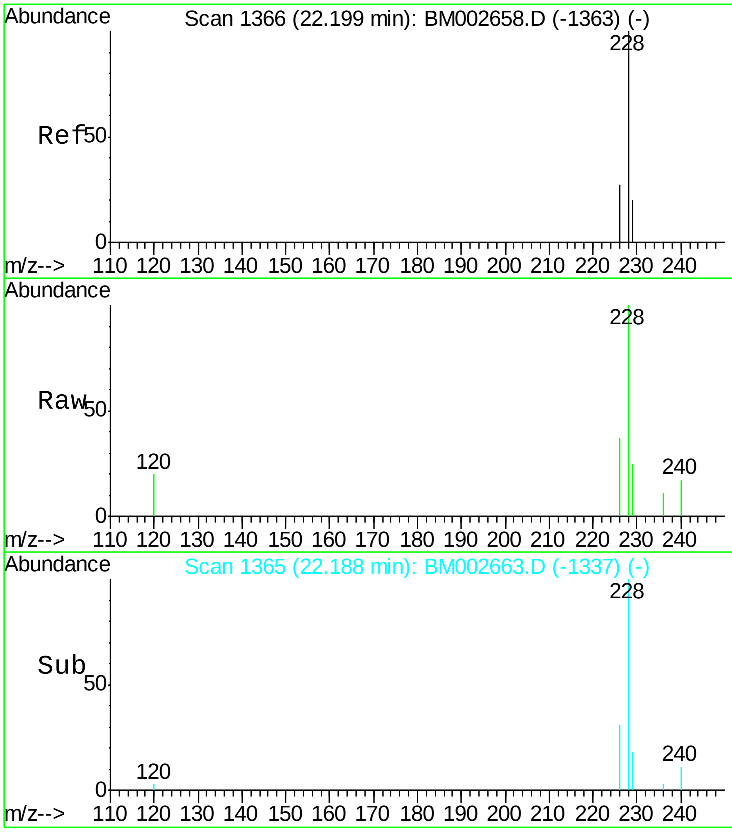


#20
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:228 Resp: 3591

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.4
229	27.3	15.2	22.8#





#21
Chrysene
Concen: 0.06 ng/ul
RT: 22.19 min   Scan# 1365
Delta R.T.   -0.01 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Tgt Ion:228 Resp: 3462

Ion	Ratio	Lower	Upper
228	100		
226	36.7	25.7	38.5
229	25.5	15.2	22.8#

Instrument :
BNA_M
ClientSampleId :
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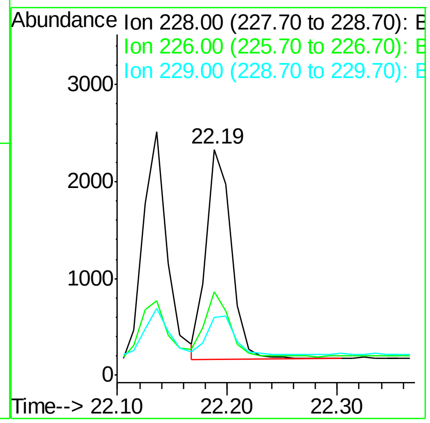
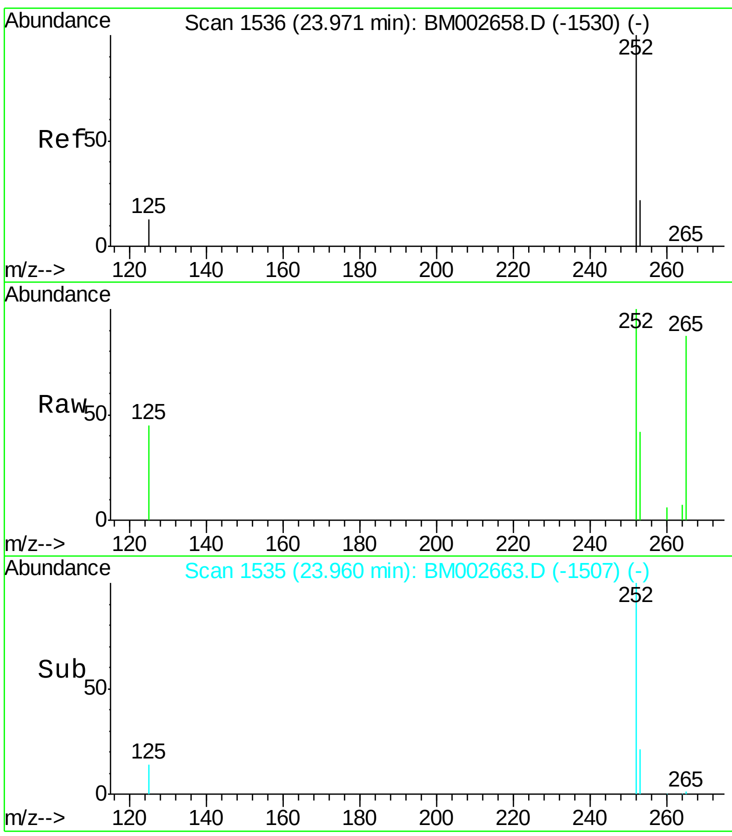
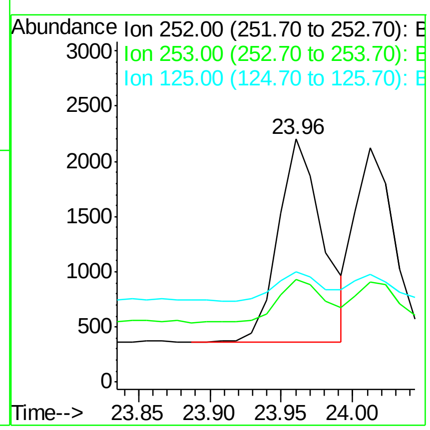


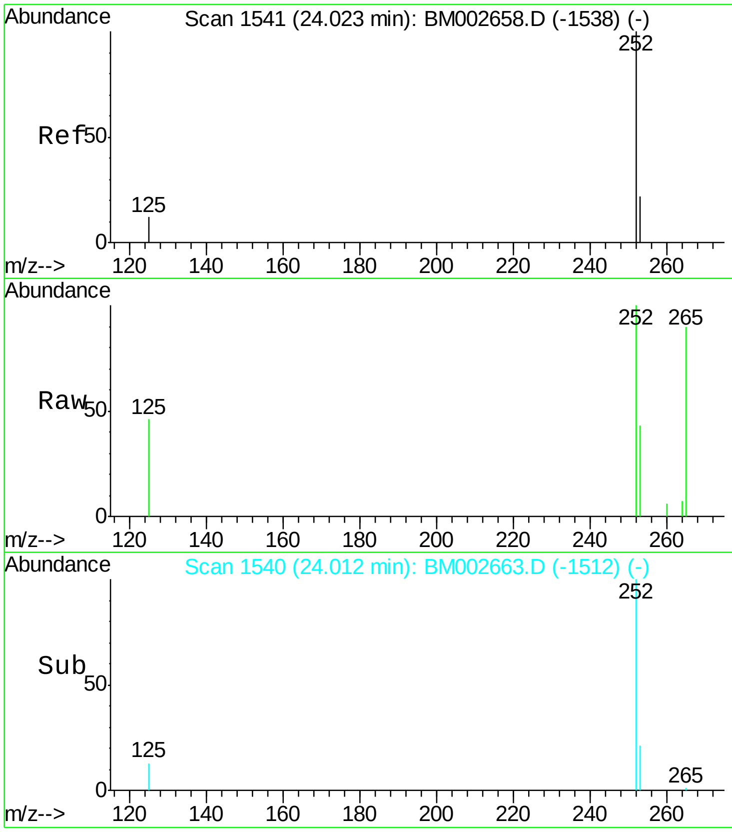


#23
Benzo(b)fluoranthene
Concen: 0.07 ng/ul
RT: 23.96 min   Scan# 1535
Delta R.T.   -0.01 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Tgt Ion:252 Resp: 4016

Ion	Ratio	Lower	Upper
252	100		
253	42.5	0.0	48.0
125	45.4	0.0	36.6#





#24
Benzo(k)fluoranthene
Concen: 0.06 ng/ul
RT: 24.01 min   Scan# 1540
Delta R.T.   -0.01 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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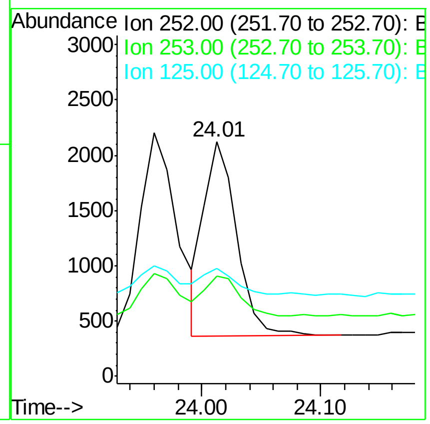
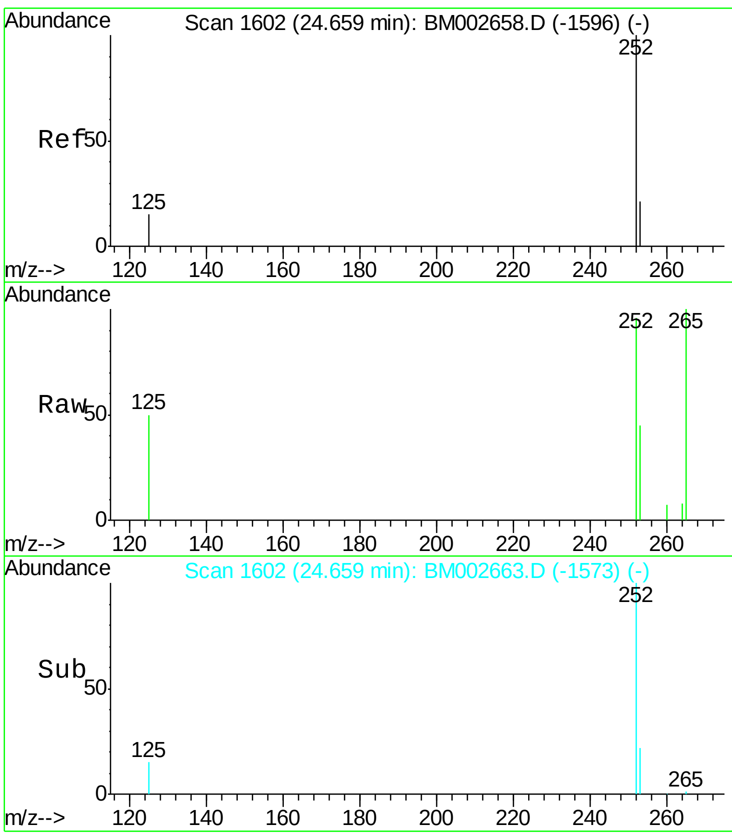
Tgt Ion:252 Resp: 3374

Ion	Ratio	Lower	Upper
252	100		
253	42.8	20.8	31.2#
125	46.2	12.2	18.4#

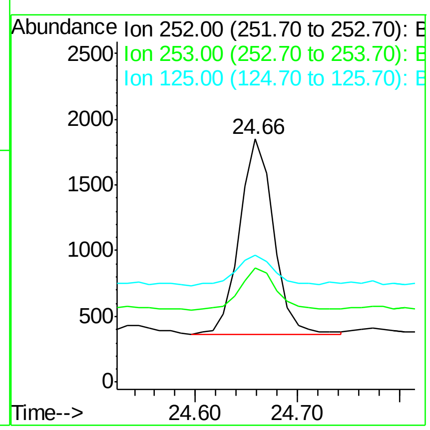


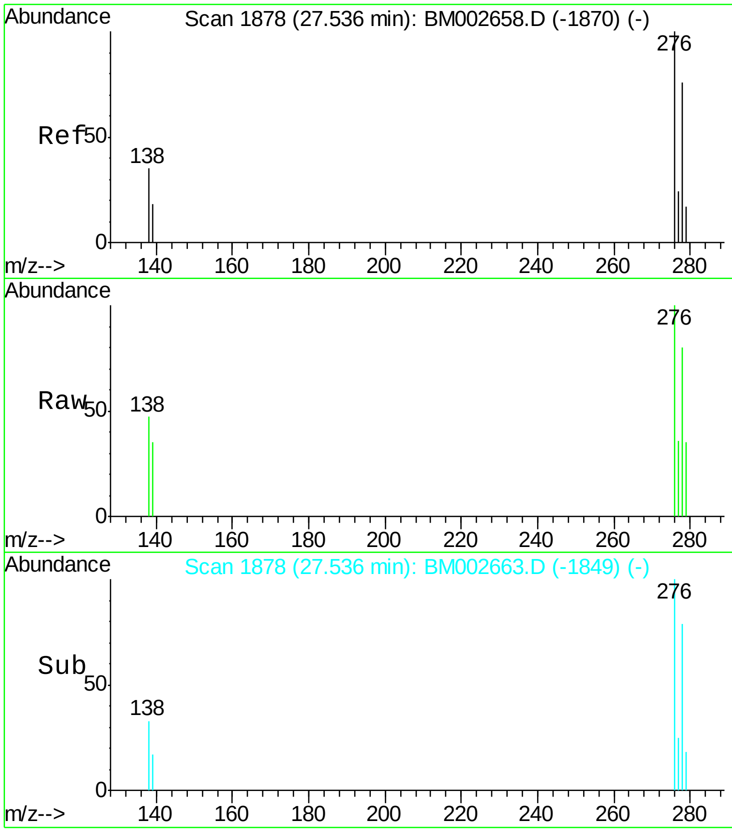


#25
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 24.66 min   Scan# 1602
Delta R.T.   0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015   00:23

Tgt Ion:252 Resp: 3421

Ion	Ratio	Lower	Upper
252	100		
253	47.2	21.8	32.8#
125	52.4	14.5	21.7#





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:276 Resp: 4219

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.5	41.3
277	25.3	19.3	28.9

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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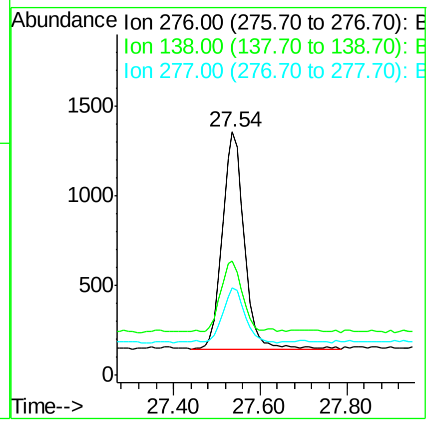
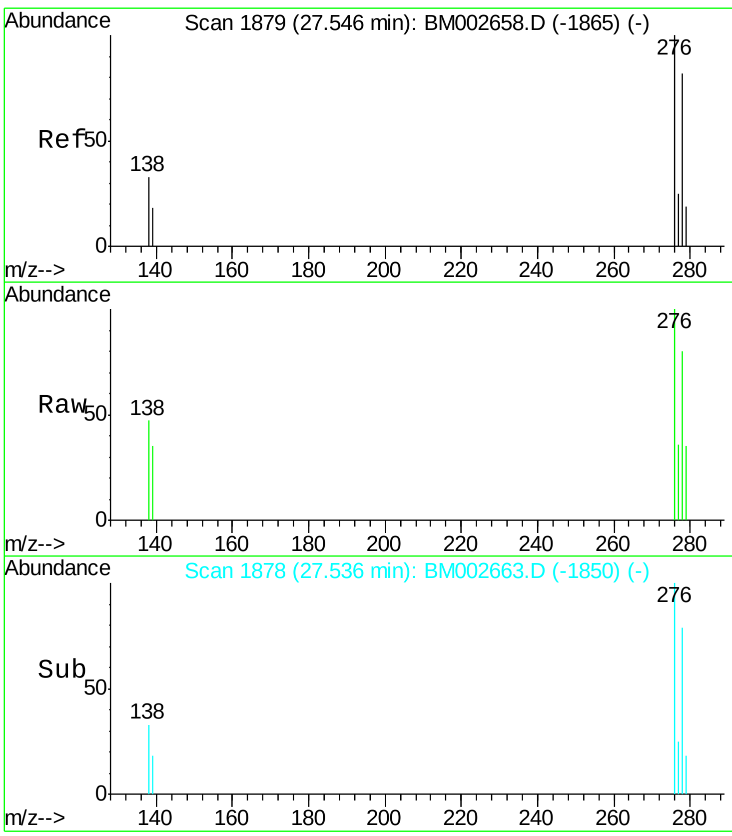
9/4/2015 2:49:08 PM

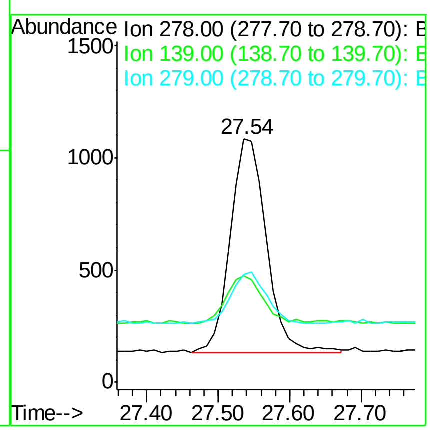


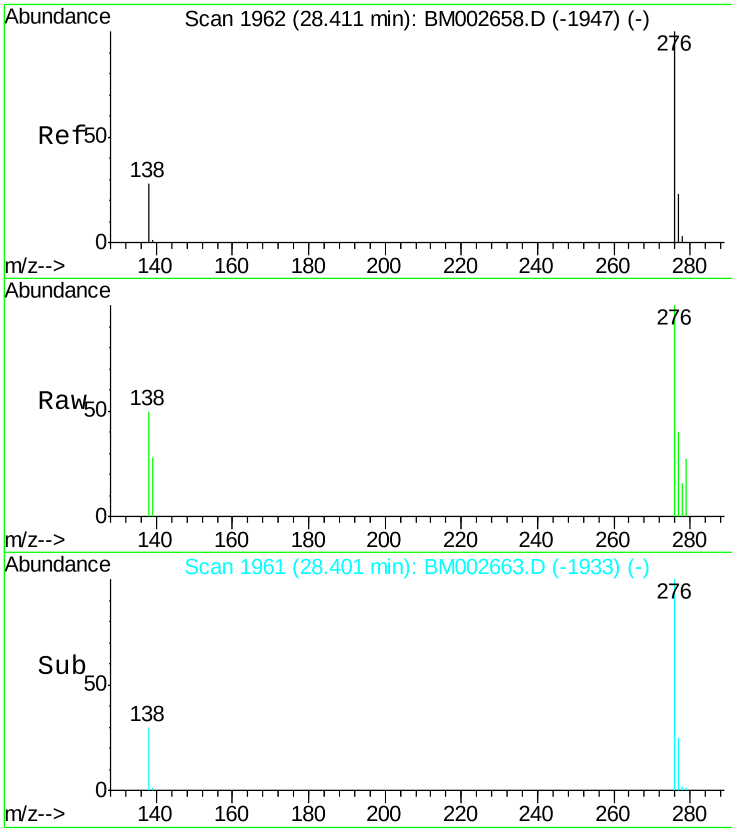


#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:278 Resp: 3291

Ion	Ratio	Lower	Upper
278	100		
139	43.9	21.7	32.5#
279	44.4	21.9	32.9#





#28
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T.   -0.01 min
Lab File: BM002663.D
Acq: 04 Sep 2015 00:23

Tgt Ion:276 Resp: 3507

Ion	Ratio	Lower	Upper
276	100		
277	39.7	21.3	31.9#
138	49.5	25.5	38.3#

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:49:08 PM