Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008710.D
Acq On : 29 Dec 2016 01:45
Operator : UM/SJ
Sample : H6067-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G5

Manual Integrations APPROVED
mohammad
12/30/2016 8:54:13 AM

Quant Time: Dec 29 06:03:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	456m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1393m	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	931	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1829m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.25	240	1679	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1805m	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	365m	0.17	ng/ul	-0.14
14) Fluoranthene-d10	19.08	212	1377m	0.27	ng/ul	-0.05
Target Compounds						Qvalue
3) Naphthalene	10.48	128	4051m	1.03	ng/ul	
5) 2-Methylnaphthalene	12.10	142	4497m	1.70	ng/ul	
7) Acenaphthylene	14.00	152	1616	0.38	ng/ul#	80
8) Acenaphthene	14.35	153	325	0.10	ng/ul#	75
9) Fluorene	15.34	166	424	0.12	ng/ul#	72
12) Phenanthrene	17.07	178	14099	2.52	ng/ul	96
13) Anthracene	17.18	178	2226m	0.41	ng/ul	
15) Fluoranthene	19.11	202	14088	2.06	ng/ul	96
17) Pyrene	19.47	202	15506	2.39	ng/ul	99
18) Benzo(a)anthracene	21.23	228	9164	1.66	ng/ul#	89
19) Chrysene	21.28	228	10212	1.69	ng/ul#	90
21) Benzo(b)fluoranthene	22.81	252	12928m	1.82	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	3622m	0.52	ng/ul	
23) Benzo(a)pyrene	23.38	252	8534m	1.29	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	5974	0.76	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.71	278	1595	0.25	ng/ul#	55
26) Benzo(g,h,i)perylene	26.41	276	6574	0.98	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008710.D
Acq On : 29 Dec 2016 01:45
Operator : UM/SJ
Sample : H6067-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 06:03:49 2016
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
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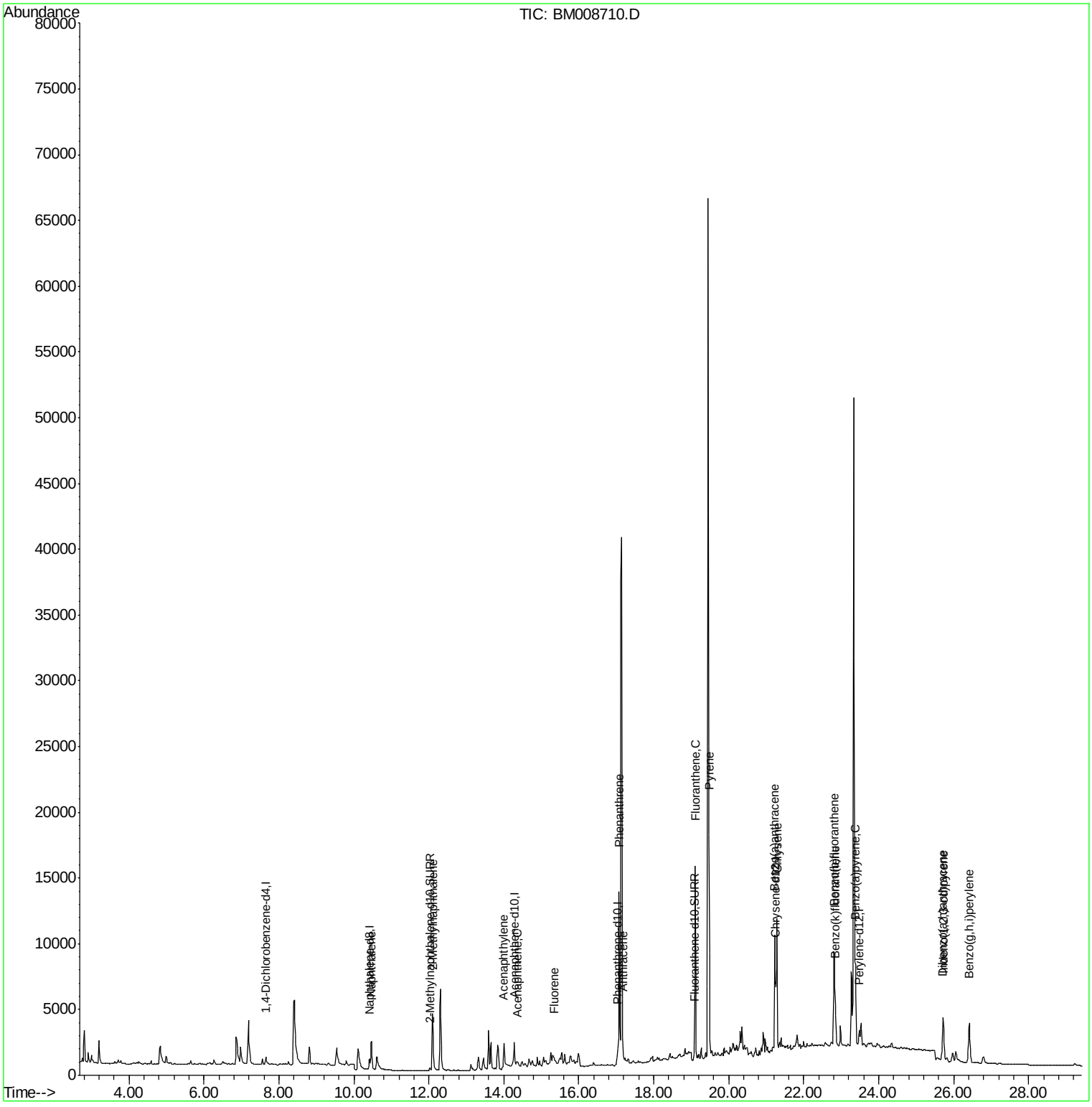
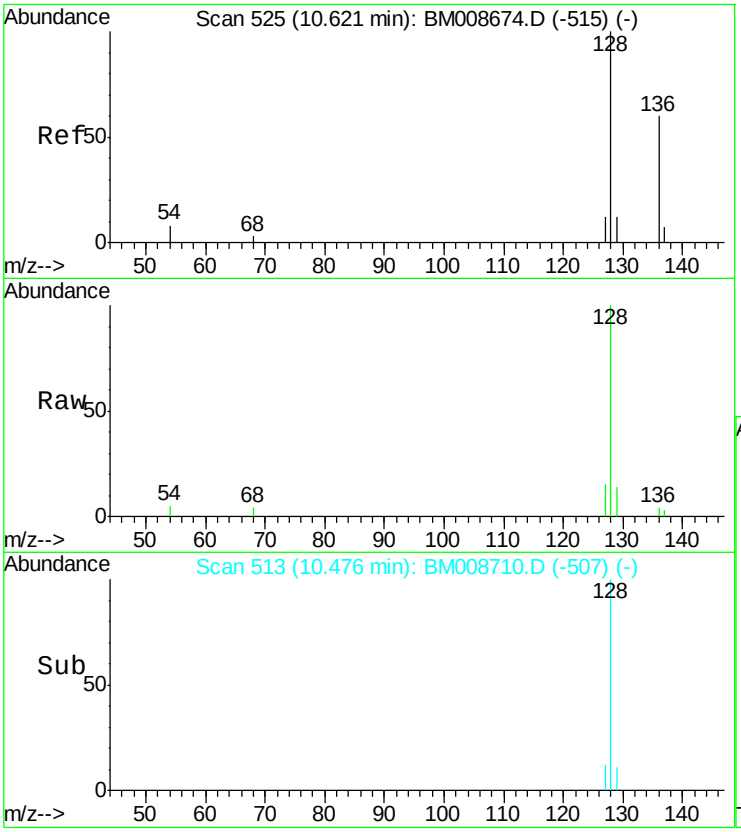
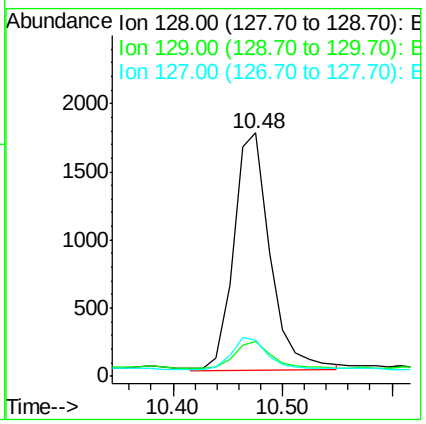




#3
Naphthalene
Concen: 1.03 ng/ul m
RT: 10.48 min Scan# 513
Delta R.T. -0.13 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:128 Resp: 4051

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	14.7	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7G5

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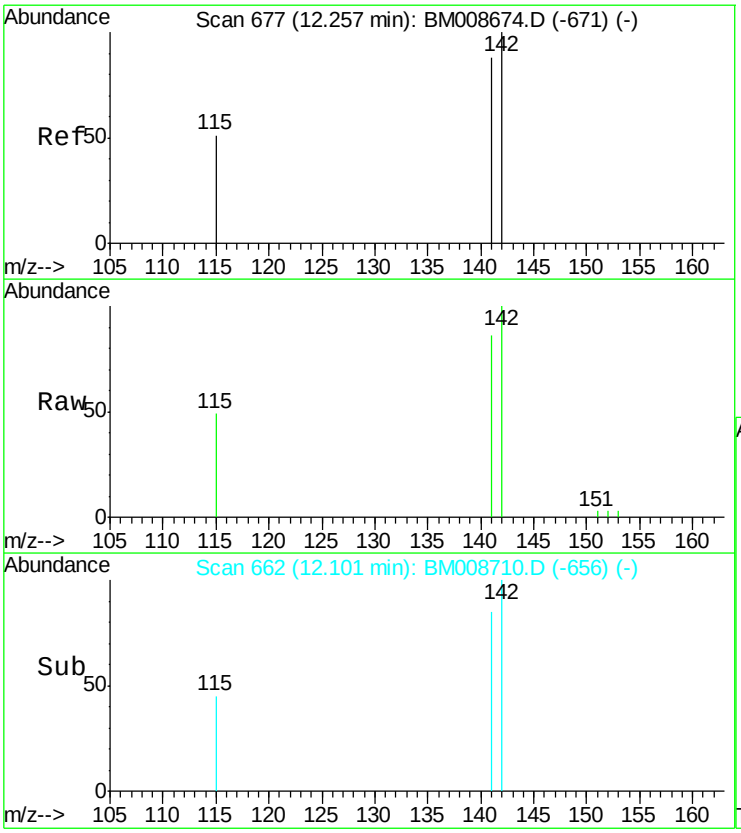
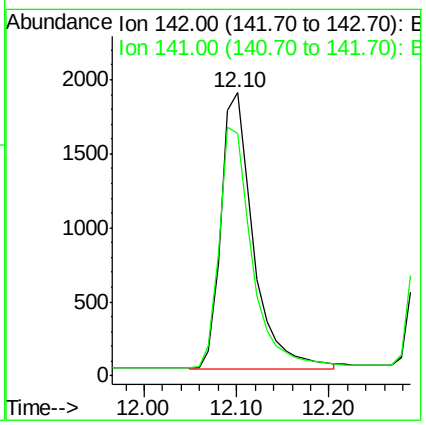
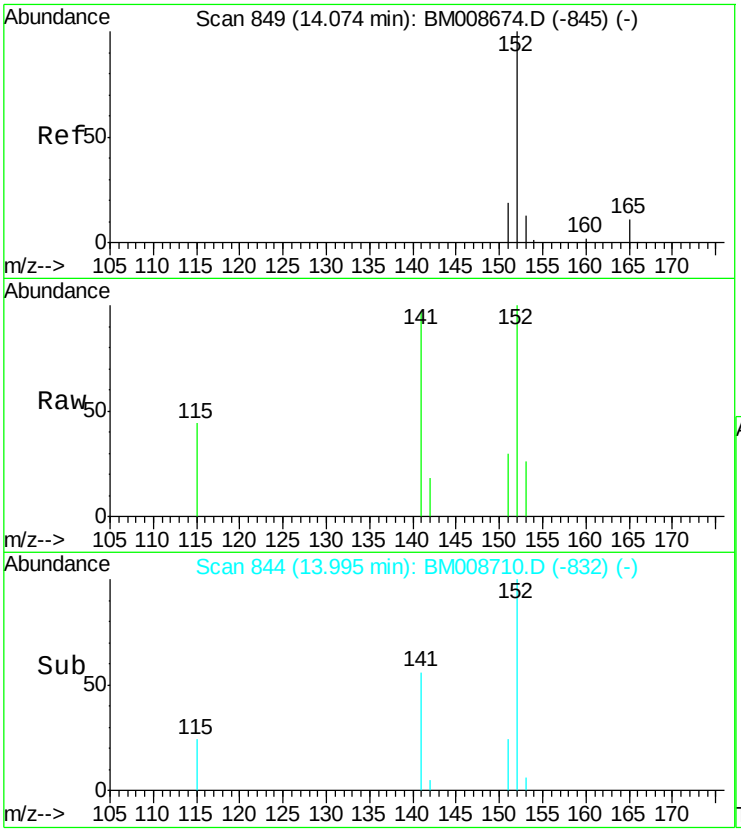


#5
2-Methylnaphthalene
Concen: 1.70 ng/ul m
RT: 12.10 min Scan# 662
Delta R.T. -0.14 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:142 Resp: 4497

Ion	Ratio	Lower	Upper
142	100		
141	107.8	72.6	108.8





#7
Acenaphthylene
Concen: 0.38 ng/ul
RT: 14.00 min Scan# 844
Delta R.T. -0.08 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:152 Resp: 1616

Ion	Ratio	Lower	Upper
152	100		
151	30.3	17.1	25.7#
153	25.6	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
DA7G5

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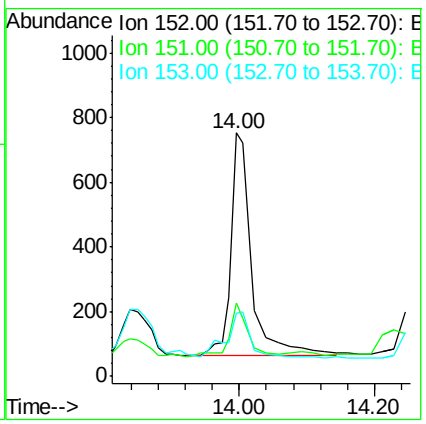
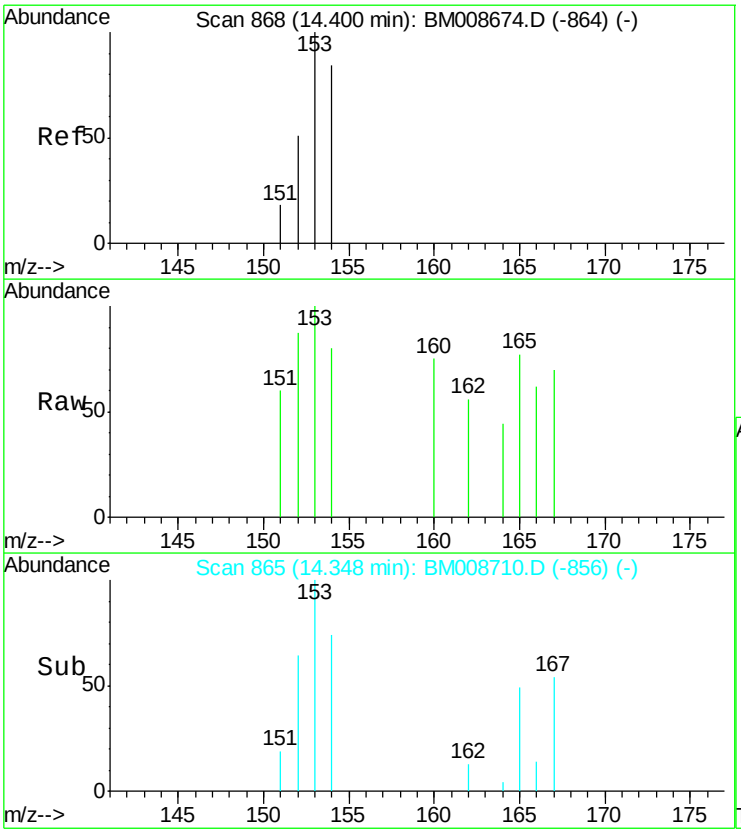
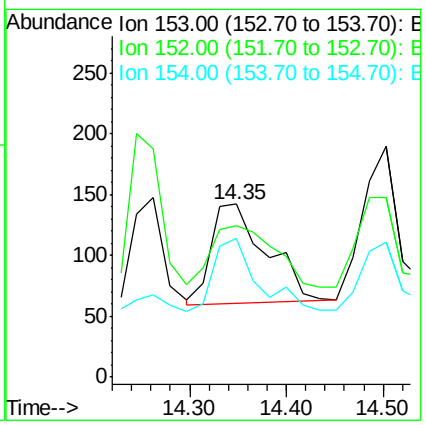


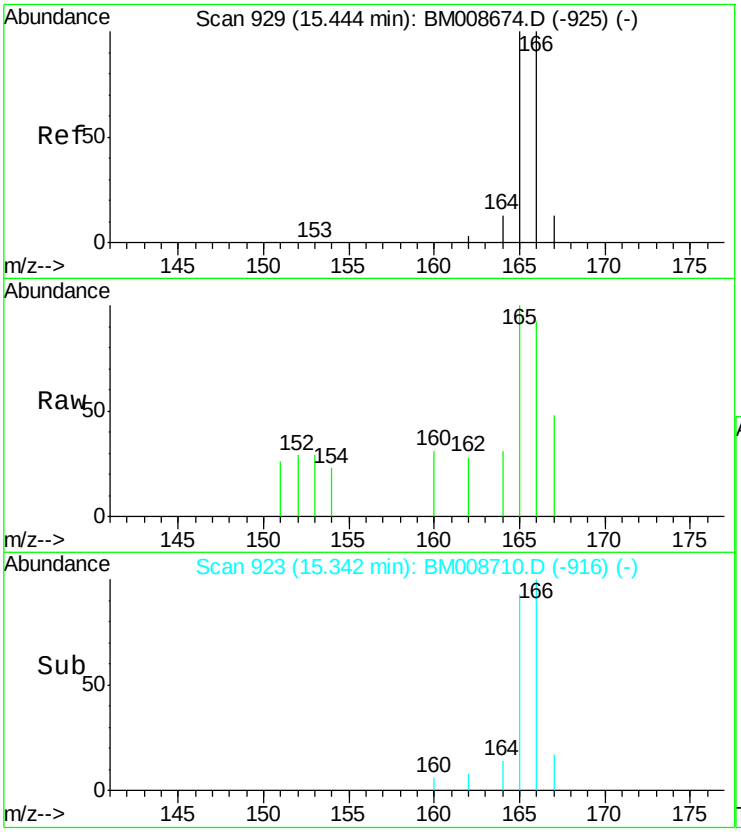


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.05 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:153 Resp: 325

Ion	Ratio	Lower	Upper
153	100		
152	87.3	40.3	60.5#
154	80.3	71.4	107.2

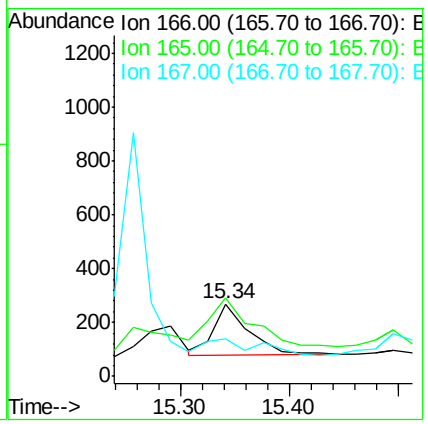




#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.09 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:166 Resp: 424

Ion	Ratio	Lower	Upper
166	100		
165	108.9	73.4	110.2
167	52.4	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7G5

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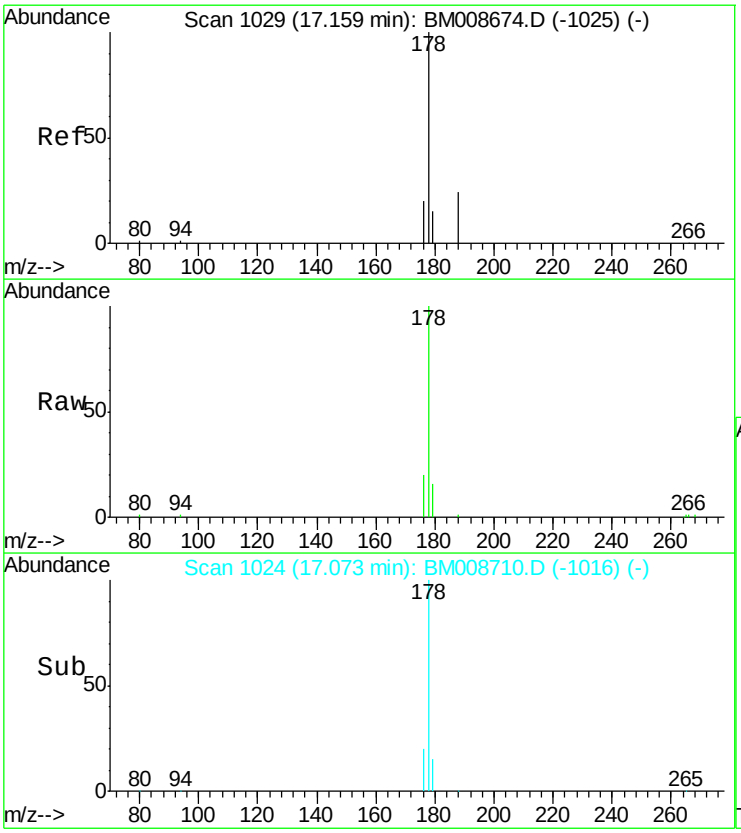
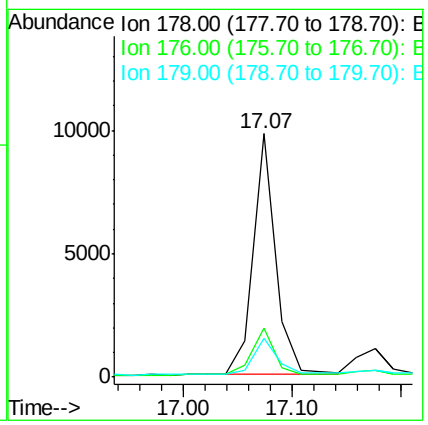
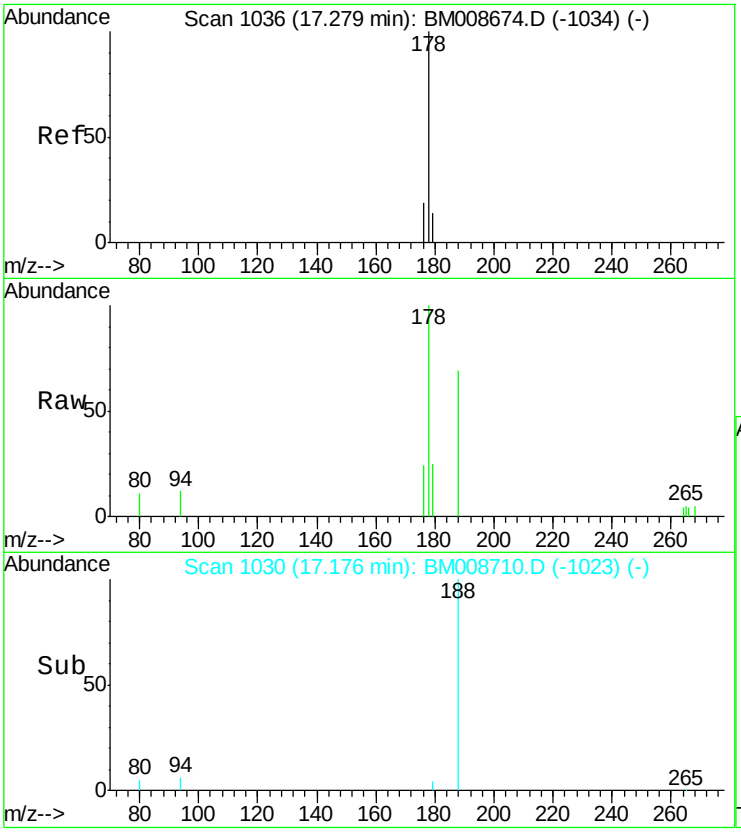


#12
Phenanthrene
Concen: 2.52 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:178 Resp: 14099

Ion	Ratio	Lower	Upper
178	100		
176	20.4	18.4	27.6
179	16.0	13.6	20.4





#13
Anthracene
Concen: 0.41 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.09 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:178 Resp: 2226

Ion	Ratio	Lower	Upper
178	100		
176	24.0	18.1	27.1
179	25.2	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
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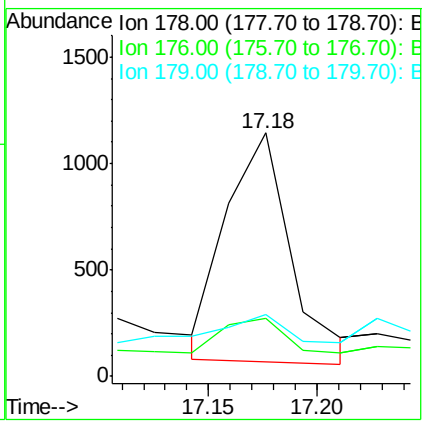
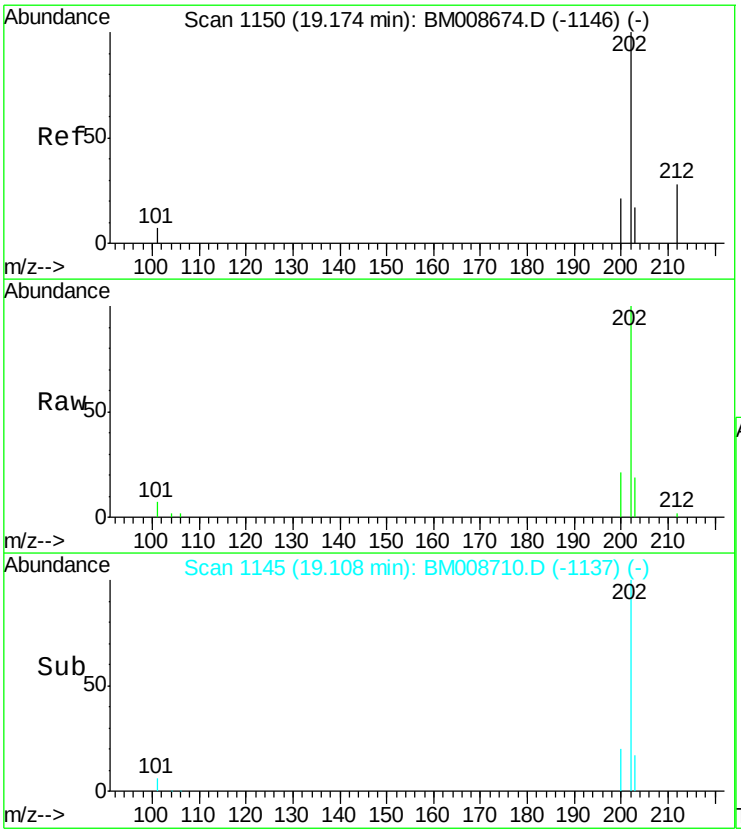
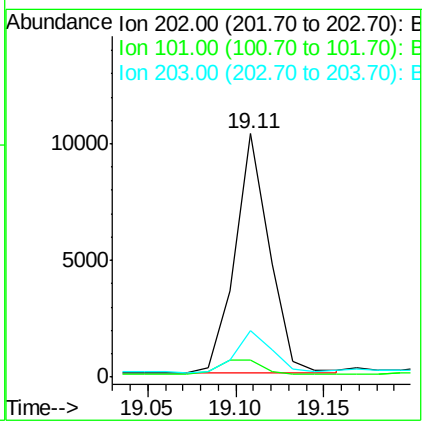


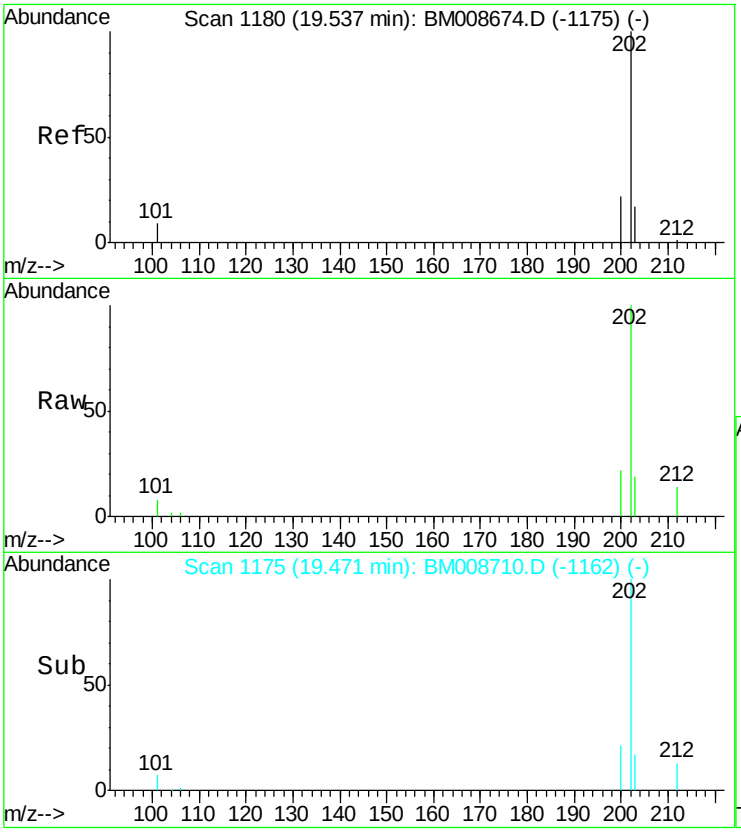


#15
Fluoranthene
Concen: 2.06 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:202 Resp: 14088

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.3
203	19.1	0.0	39.5





#17
Pyrene
Concen: 2.39 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:202 Resp: 15506

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.4
203	19.0	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
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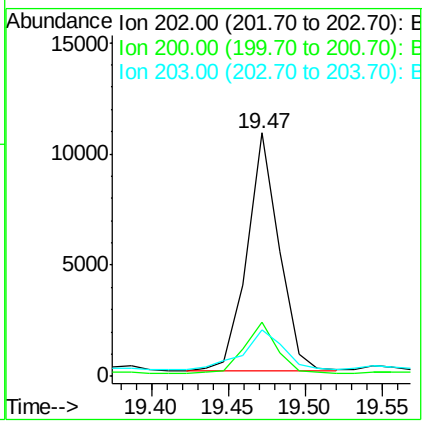
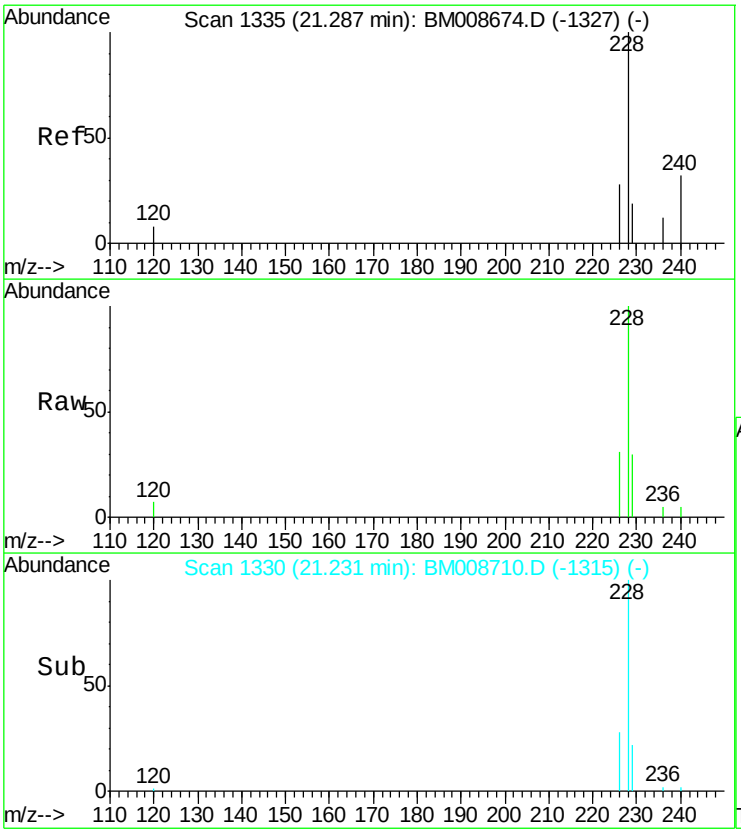
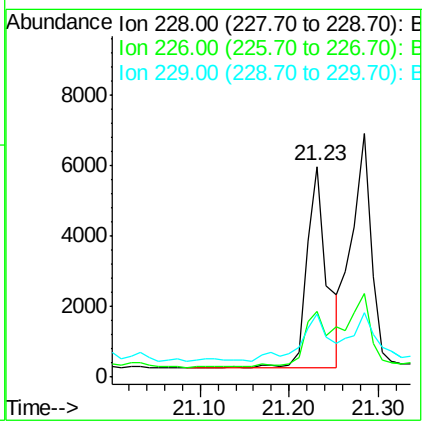


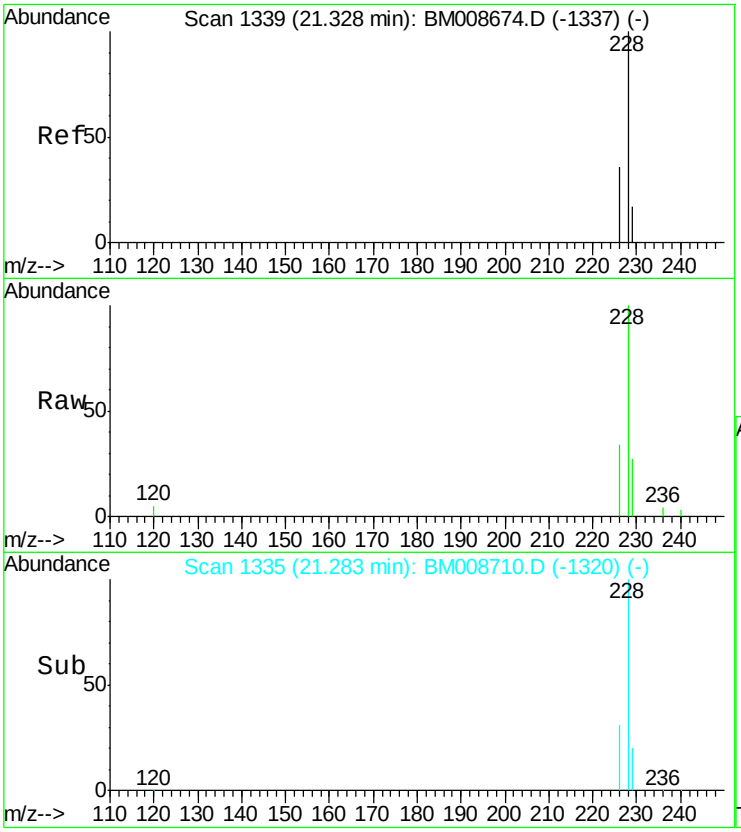


#18
Benzo(a)anthracene
Concen: 1.66 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.04 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:228 Resp: 9164

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.8	34.2
229	29.7	17.0	25.6#





#19
Chrysene
Concen: 1.69 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:228 Resp: 10212

Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.4	35.0
229	26.6	17.7	26.5#

Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
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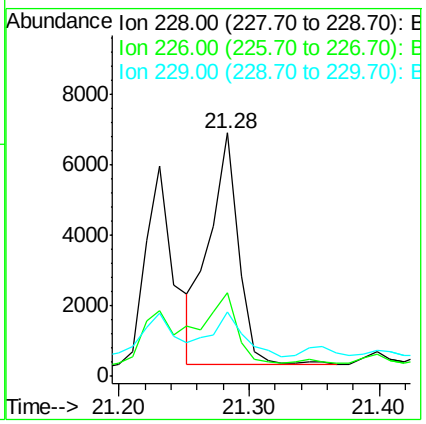
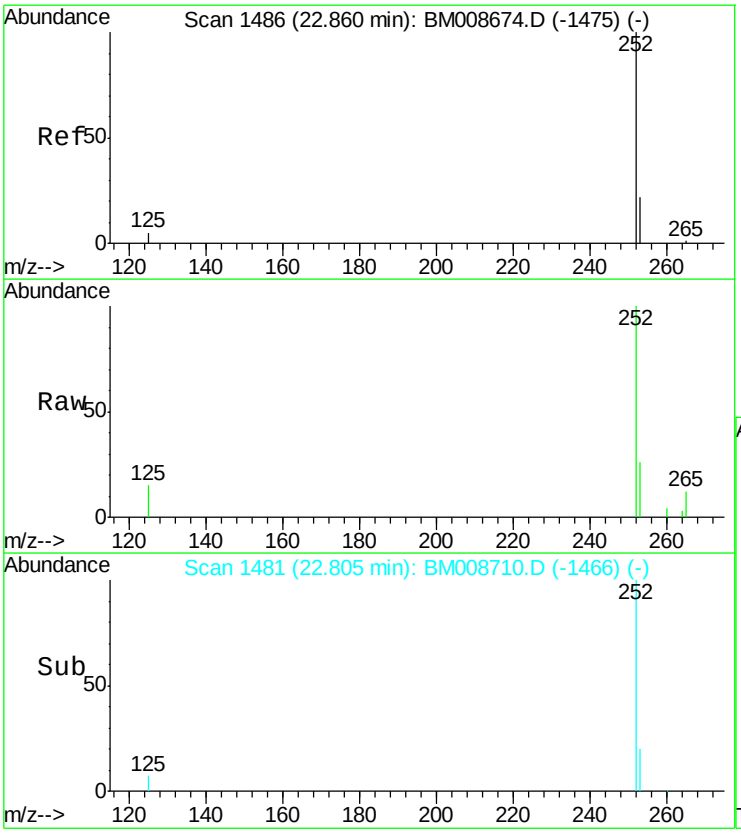
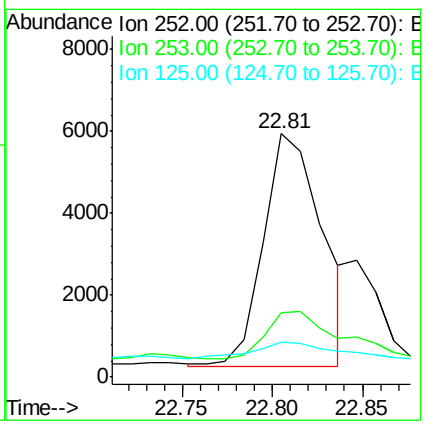


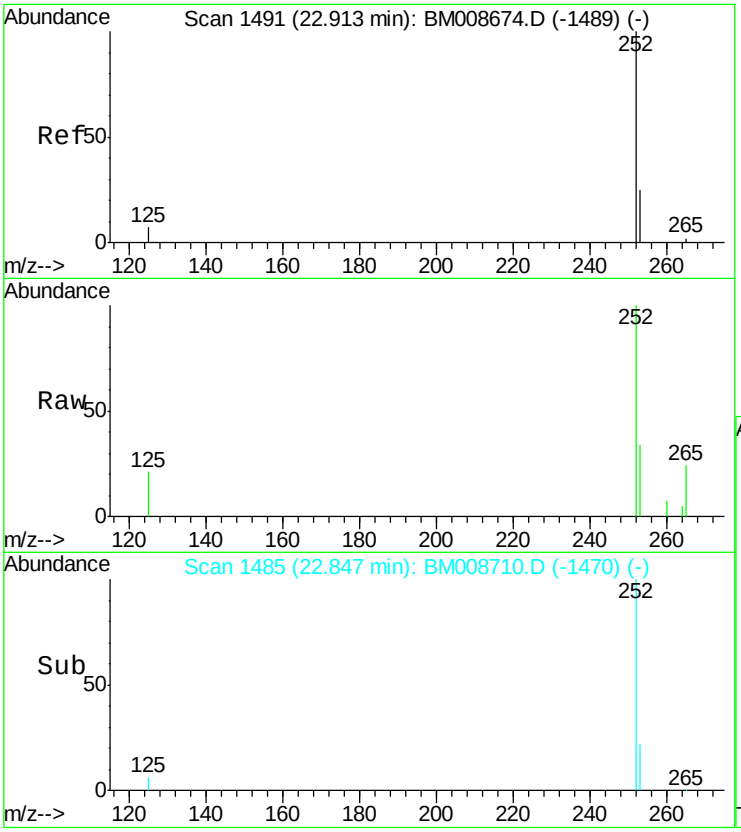


#21
Benzo(b)fluoranthene
Concen: 1.82 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.04 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:252 Resp: 12928

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	64.2
125	14.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.52 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.04 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:252 Resp: 3622

Ion	Ratio	Lower	Upper
252	100		
253	33.9	24.5	36.7
125	21.2	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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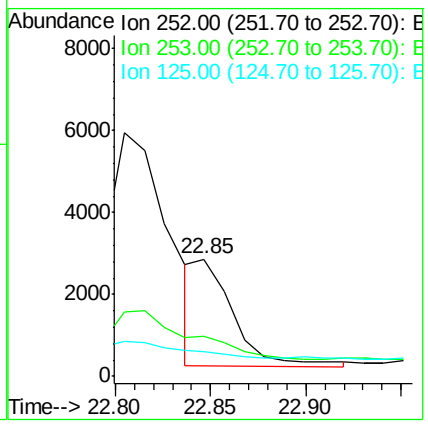
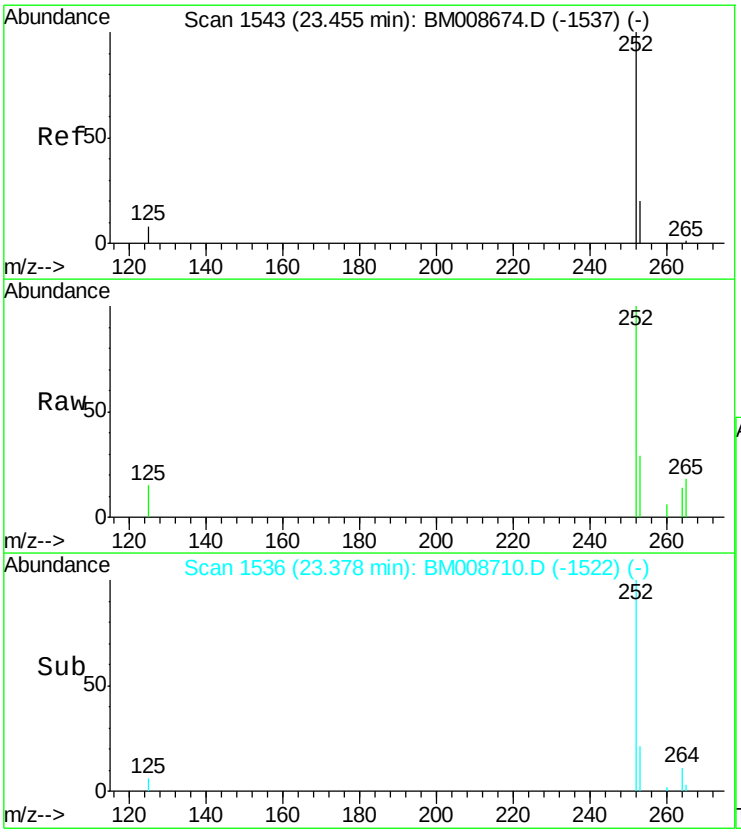
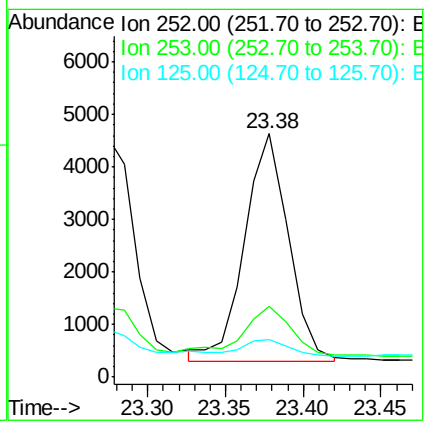


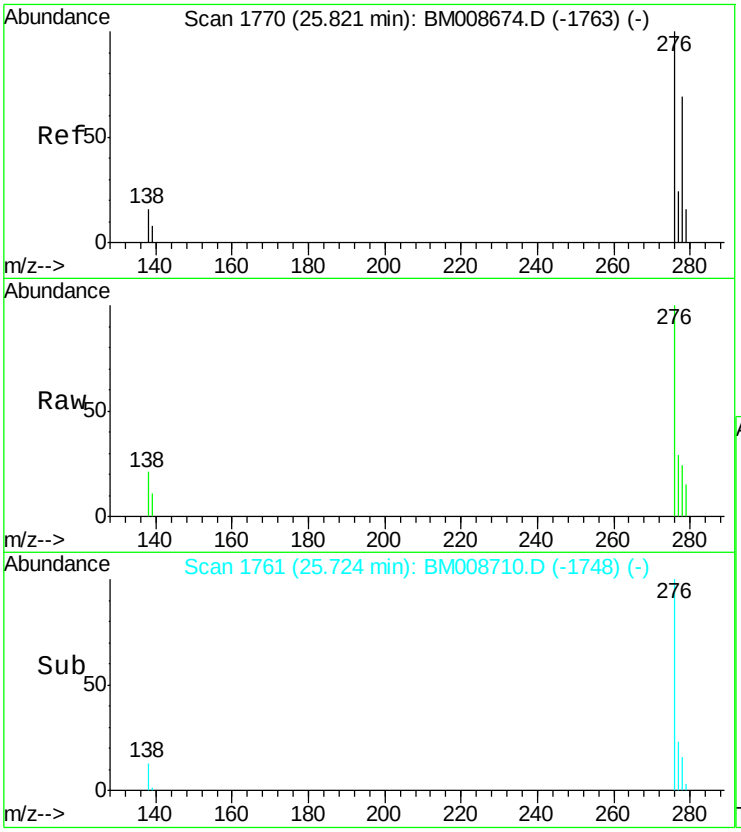


#23
Benzo(a)pyrene
Concen: 1.29 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.05 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:252 Resp: 8534

Ion	Ratio	Lower	Upper
252	100		
253	29.2	28.5	42.7
125	15.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.76 ng/ul
RT: 25.72 min Scan# 1761
Delta R.T. -0.06 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:276 Resp: 5974

Ion	Ratio	Lower	Upper
276	100		
138	16.7	19.1	28.7#
277	21.5	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
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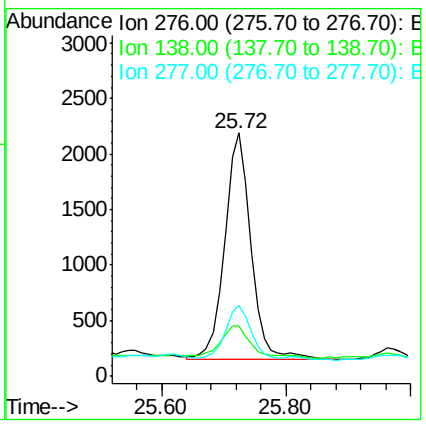
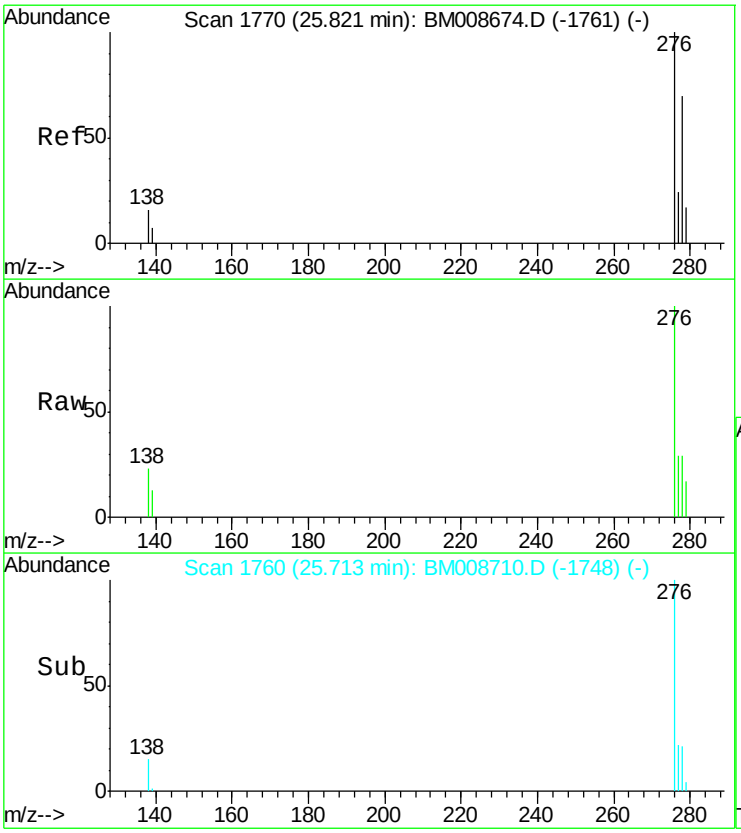
12/30/2016 8:54:13 AM

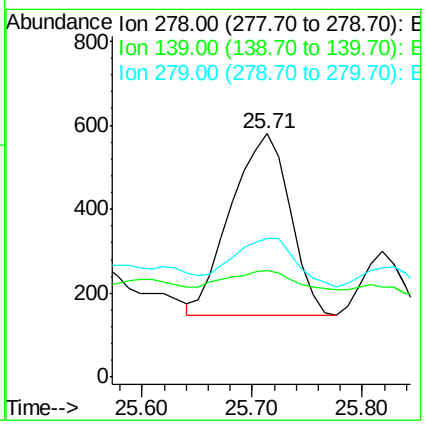


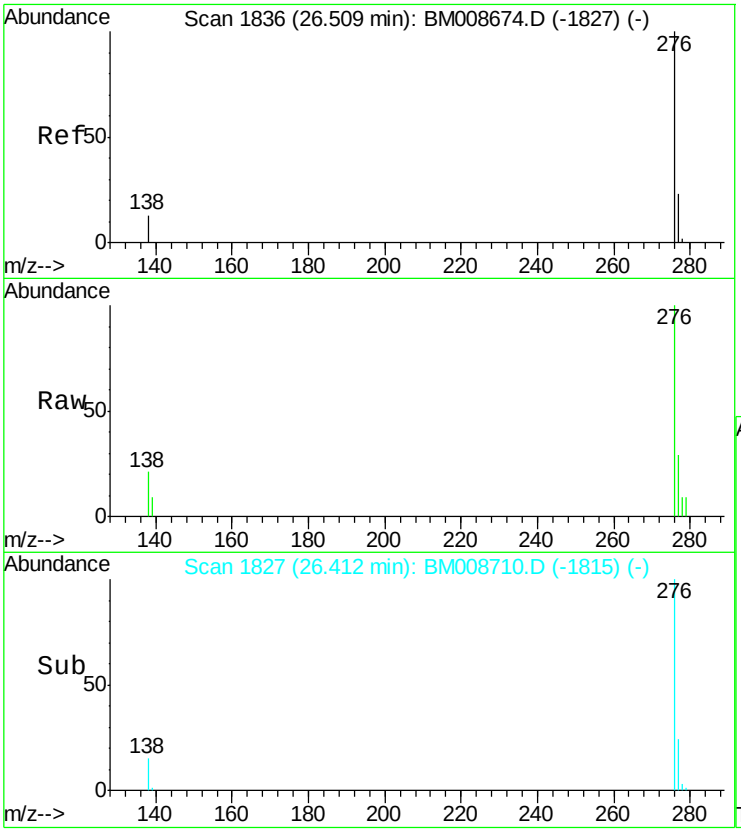


#25
Dibenzo(a,h)anthracene
Concen: 0.25 ng/ul
RT: 25.71 min Scan# 1760
Delta R.T. -0.07 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:278 Resp: 1595

Ion	Ratio	Lower	Upper
278	100		
139	44.0	17.4	26.0#
279	57.1	25.9	38.9#

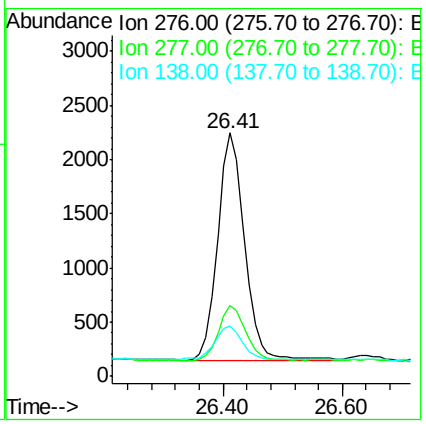




#26
Benzo(g,h,i)perylene
Concen: 0.98 ng/ul
RT: 26.41 min Scan# 1827
Delta R.T. -0.07 min
Lab File: BM008710.D
Acq: 29 Dec 2016 01:45

Tgt Ion:276 Resp: 6574

Ion	Ratio	Lower	Upper
276	100		
277	29.0	21.8	32.8
138	20.9	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DA7G5

Manual Integrations APPROVED
mohammad
12/30/2016 8:54:13 AM