Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012517\
Data File : BM008860.D
Acq On : 25 Jan 2017 10:46
Operator : UM/SJ
Sample : I1323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM

Quant Time: Jan 25 16:45:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 16:35:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.74	136	555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	711	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	760	0.40	ng/ul	0.00
20) Perylene-d12	23.84	264	717	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.32	152	301	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	794	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.79	128	379	0.25	ng/ul#	64
5) 2-Methylnaphthalene	12.39	142	302	0.27	ng/ul	91
7) Acenaphthylene	14.28	152	1202	0.71	ng/ul	95
8) Acenaphthene	14.62	153	368	0.31	ng/ul	96
9) Fluorene	15.62	166	507	0.34	ng/ul#	96
11) Pentachlorophenol	16.95	266	158	0.48	ng/ul	93
12) Phenanthrene	17.35	178	1543	0.71	ng/ul	98
13) Anthracene	17.43	178	533m	0.25	ng/ul	
15) Fluoranthene	19.36	202	1136	0.42	ng/ul	97
17) Pyrene	19.73	202	1234	0.41	ng/ul	96
18) Benzo(a)anthracene	21.46	228	1950	0.69	ng/ul	99
19) Chrysene	21.51	228	1002	0.38	ng/ul	93
21) Benzo(b)fluoranthene	23.12	252	1009	0.33	ng/ul	88
23) Benzo(a)pyrene	23.73	252	1255	0.45	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.25	276	1273	0.39	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.27	278	1136	0.44	ng/ul	91
26) Benzo(g,h,i)perylene	26.99	276	1303	0.46	ng/ul#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012517\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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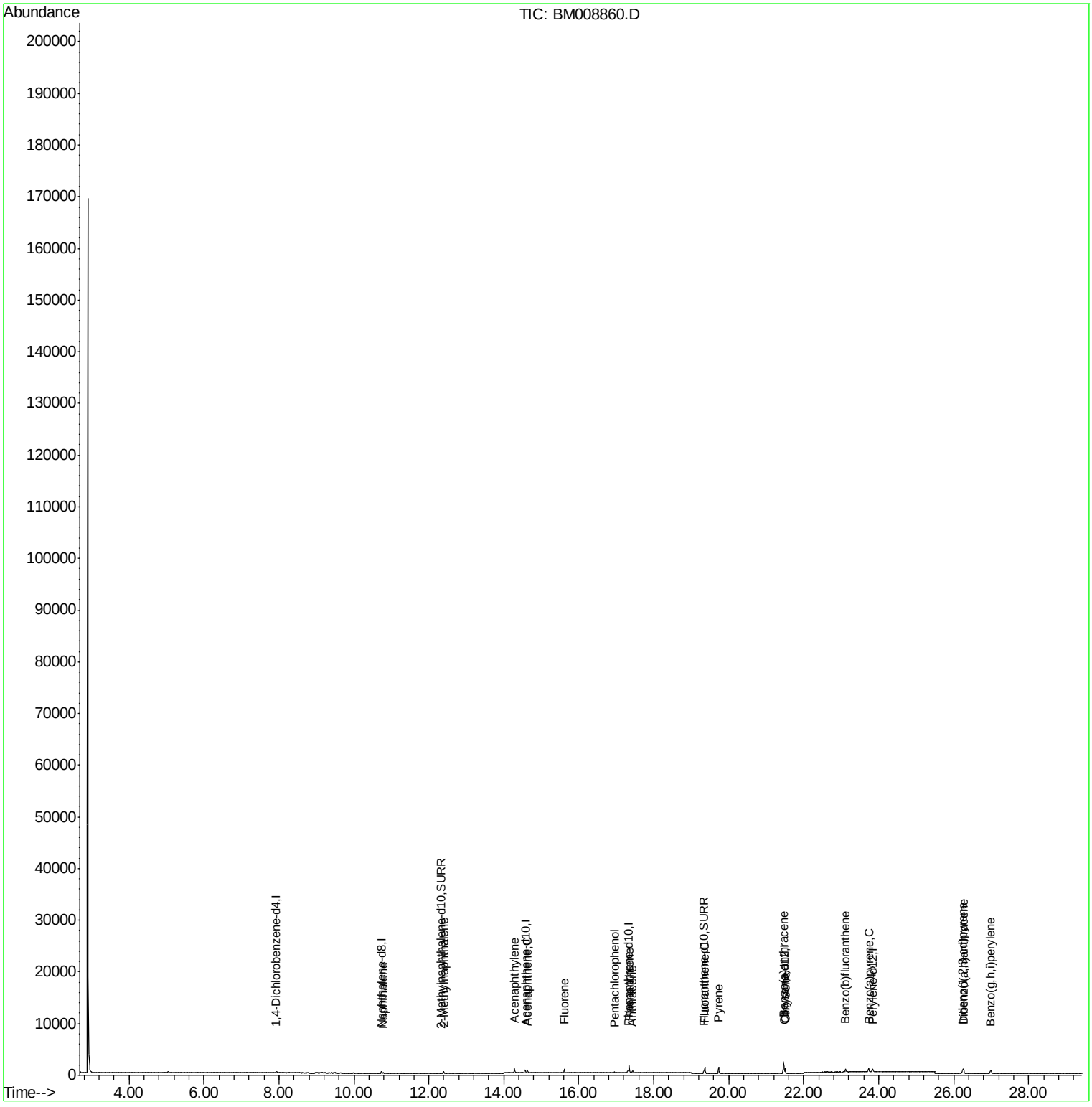
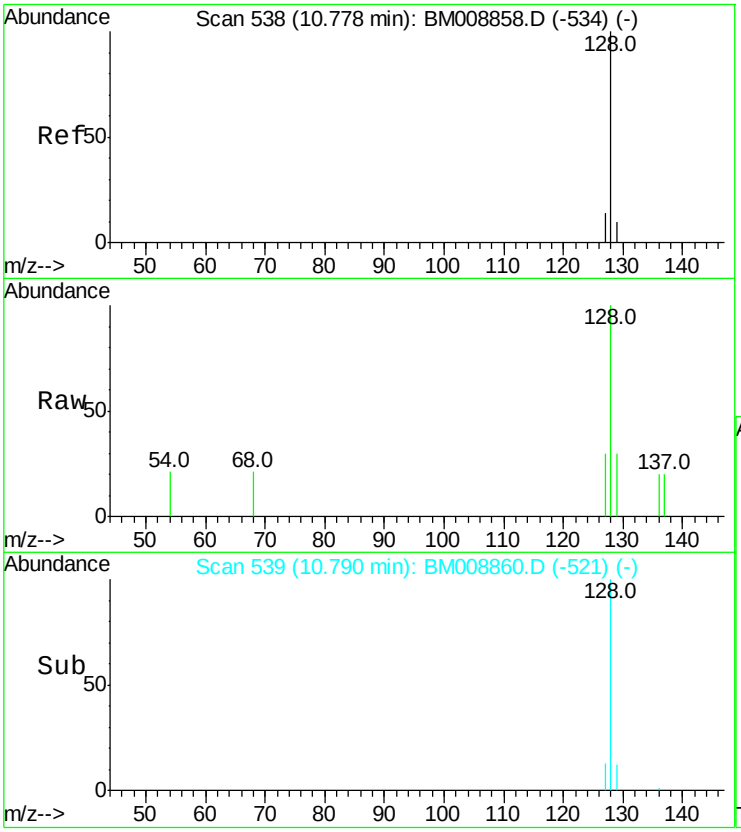
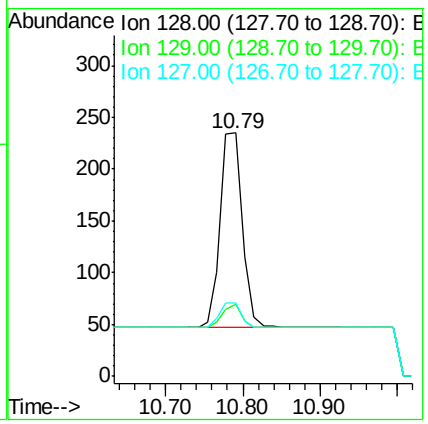




#3
Naphthalene
Concen: 0.25 ng/ul
RT: 10.79 min Scan# 539
Delta R.T. 0.01 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:128 Resp: 379

Ion	Ratio	Lower	Upper
128	100		
129	29.8	11.3	16.9#
127	30.2	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA9P3

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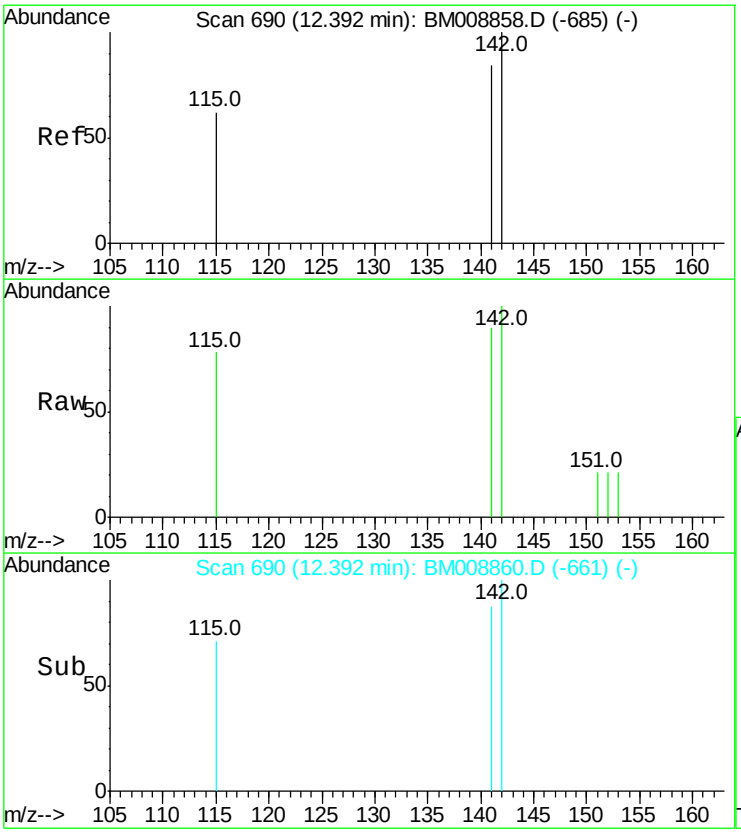
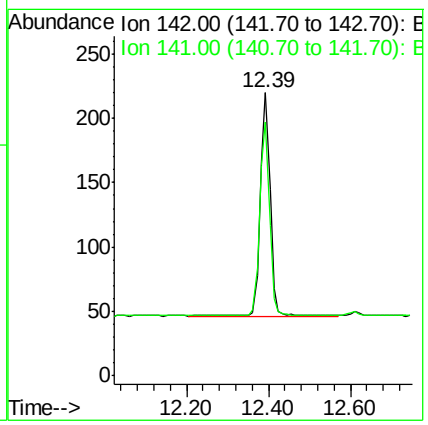
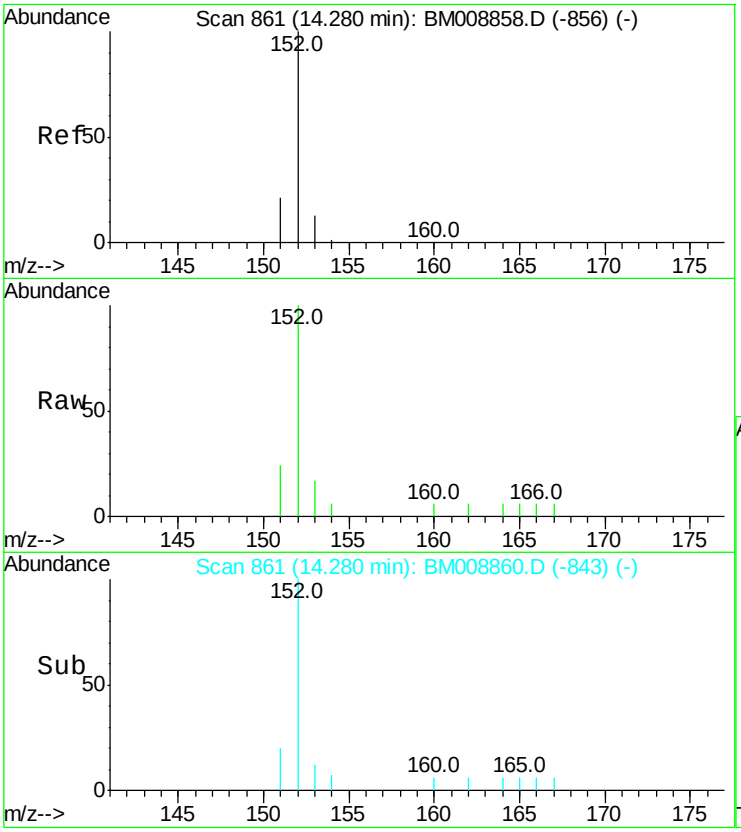


#5
2-Methylnaphthalene
Concen: 0.27 ng/ul
RT: 12.39 min Scan# 690
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:142 Resp: 302

Ion	Ratio	Lower	Upper
142	100		
141	81.8	72.6	108.8

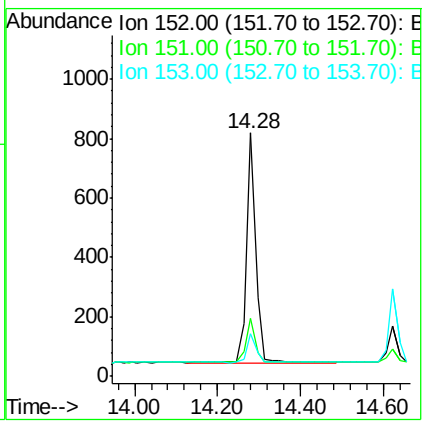




#7
Acenaphthylene
Concen: 0.71 ng/ul
RT: 14.28 min Scan# 861
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:152 Resp: 1202

Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.1	25.7
153	17.3	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA9P3

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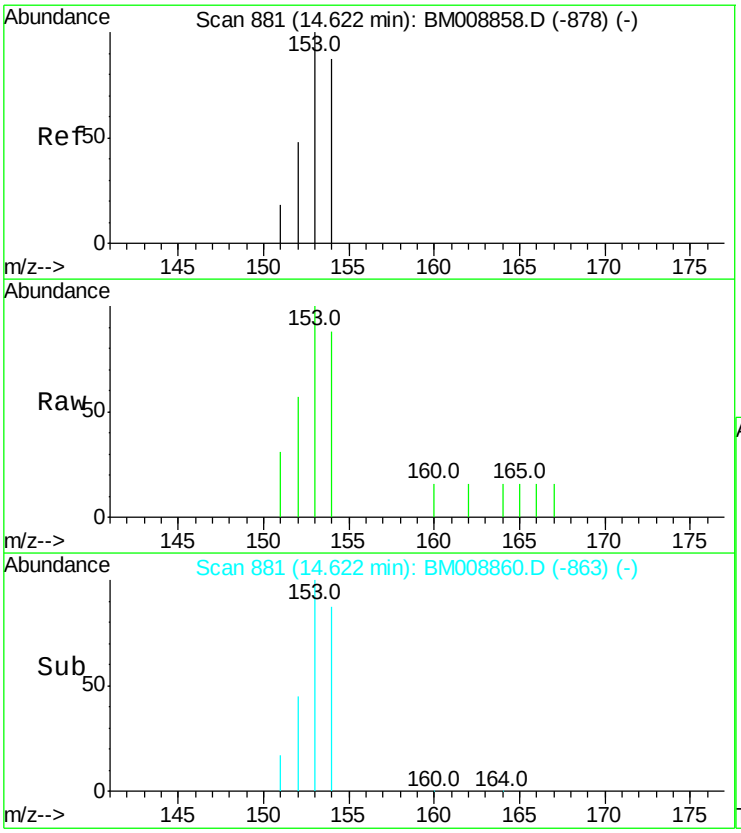
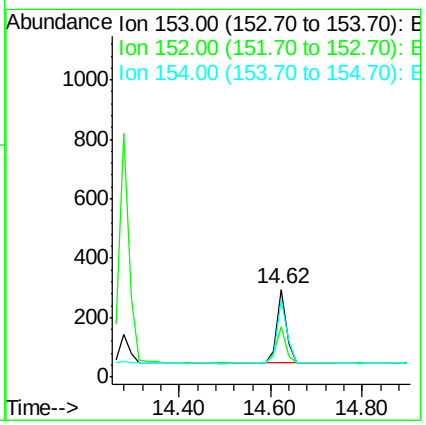
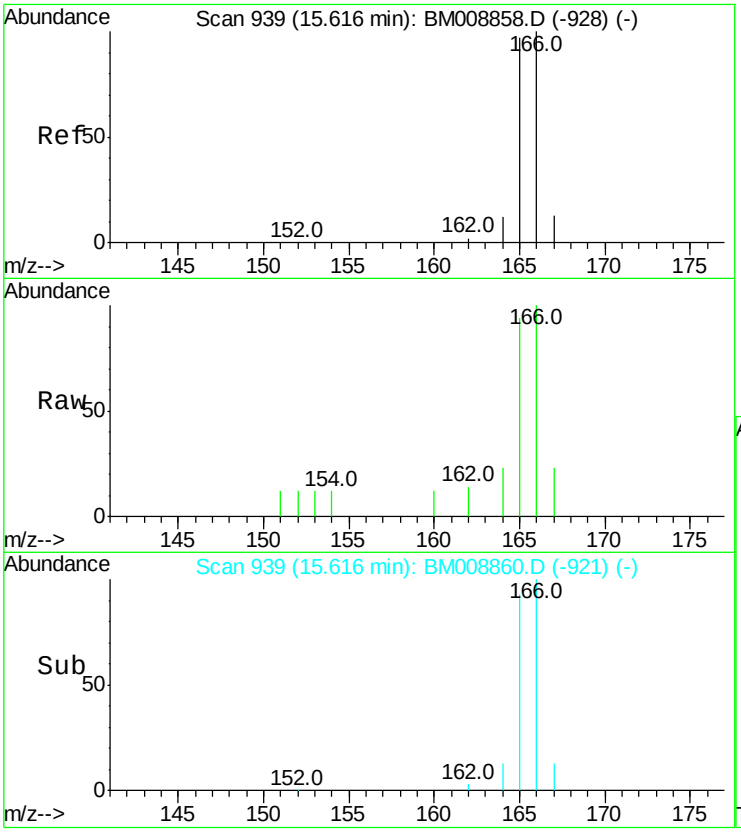


#8
Acenaphthene
Concen: 0.31 ng/ul
RT: 14.62 min Scan# 881
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:153 Resp: 368

Ion	Ratio	Lower	Upper
153	100		
152	56.9	40.3	60.5
154	88.5	71.4	107.2

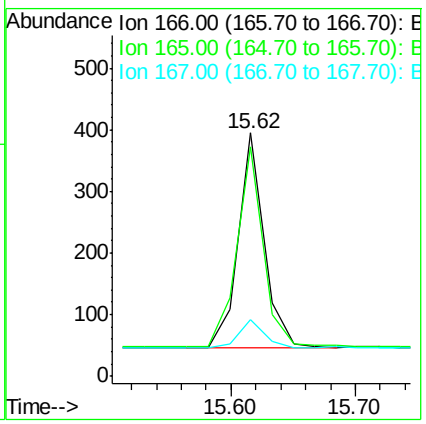




#9
Fluorene
Concen: 0.34 ng/ul
RT: 15.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:166 Resp: 507

Ion	Ratio	Lower	Upper
166	100		
165	94.4	73.4	110.2
167	23.3	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
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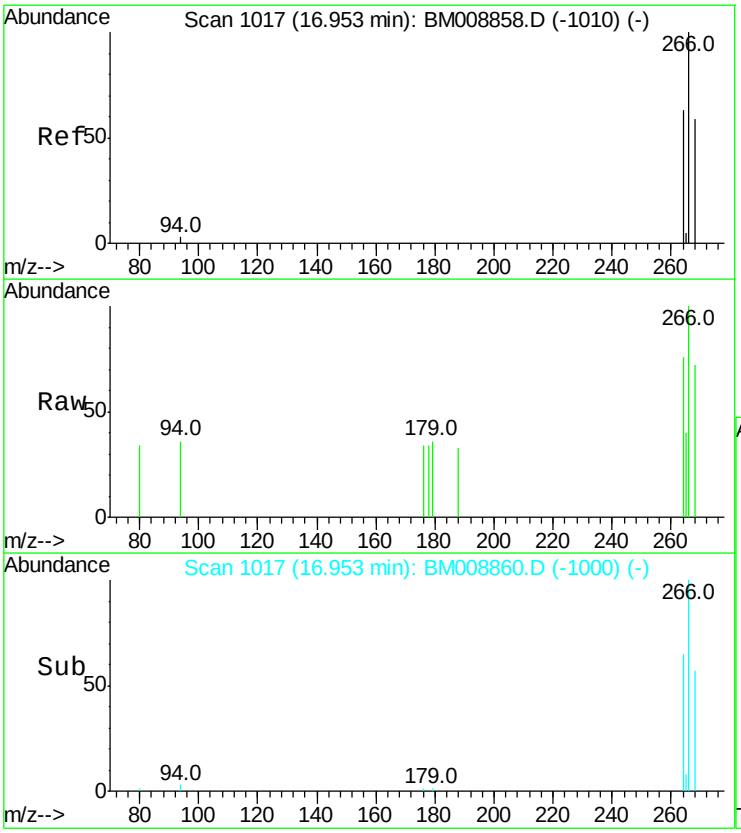
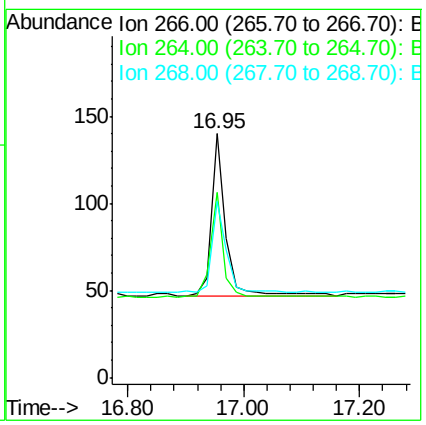
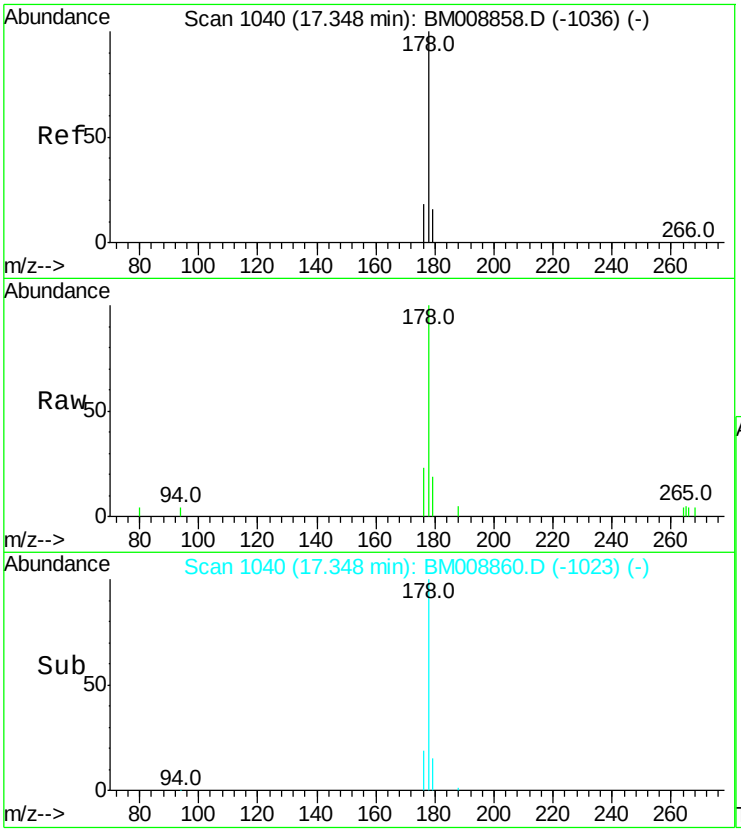


#11
Pentachlorophenol
Concen: 0.48 ng/ul
RT: 16.95 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:266 Resp: 158

Ion	Ratio	Lower	Upper
266	100		
264	65.2	47.9	71.9
268	57.6	49.8	74.8

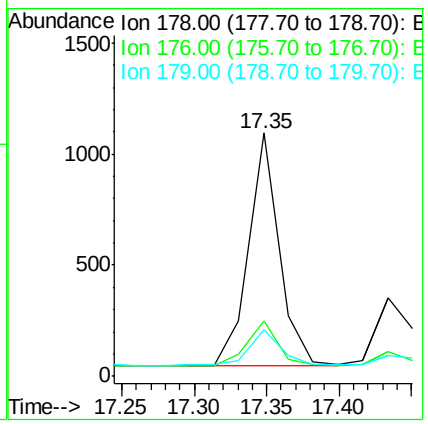




#12
Phenanthrene
Concen: 0.71 ng/ul
RT: 17.35 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:178 Resp: 1543

Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.4	27.6
179	19.1	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
DA9P3

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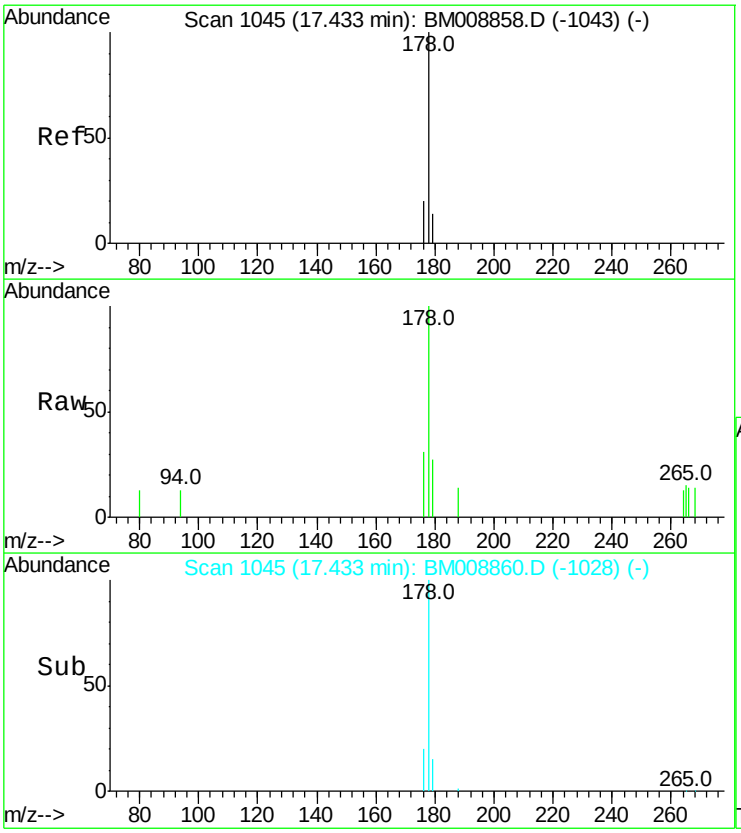
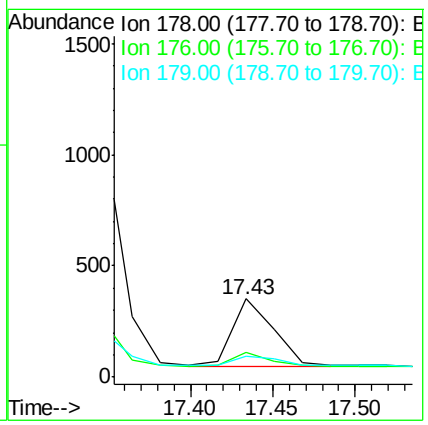
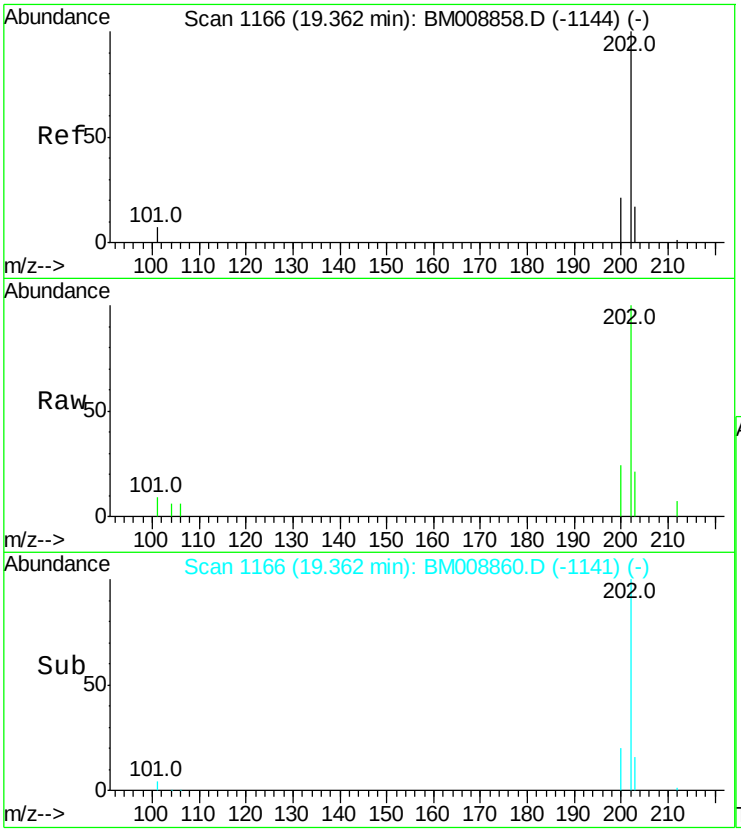


#13
Anthracene
Concen: 0.25 ng/ul m
RT: 17.43 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:178 Resp: 533

Ion	Ratio	Lower	Upper
178	100		
176	31.3	18.1	27.1#
179	26.8	14.7	22.1#

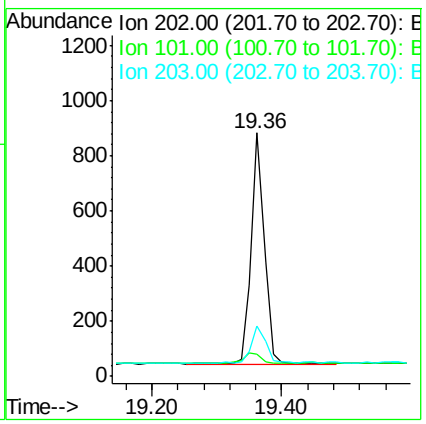




#15
Fluoranthene
Concen: 0.42 ng/ul
RT: 19.36 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:202 Resp: 1136

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	20.7	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA9P3

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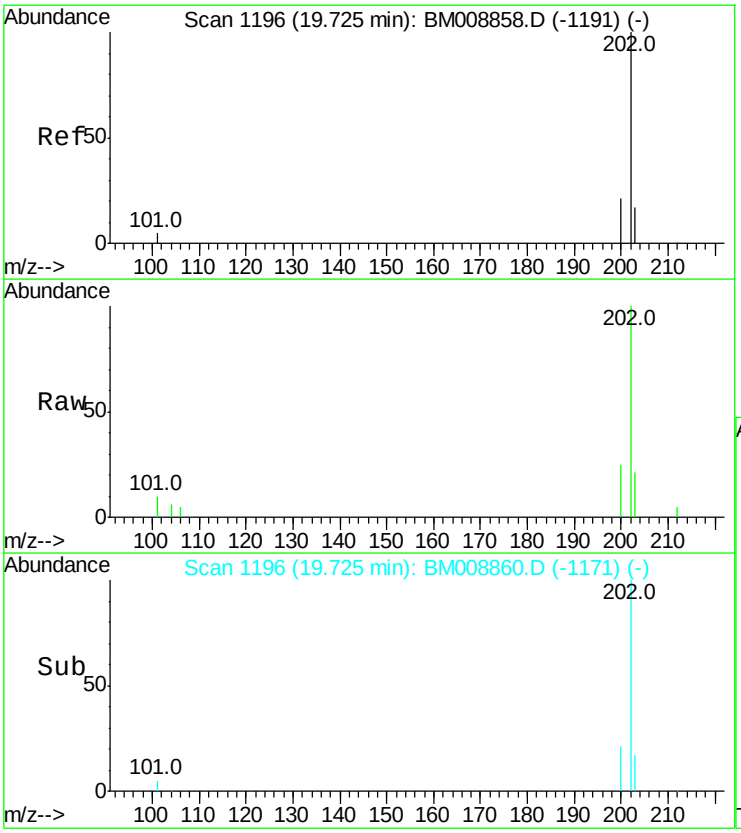
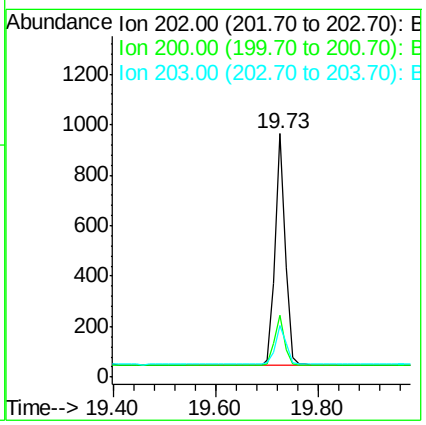
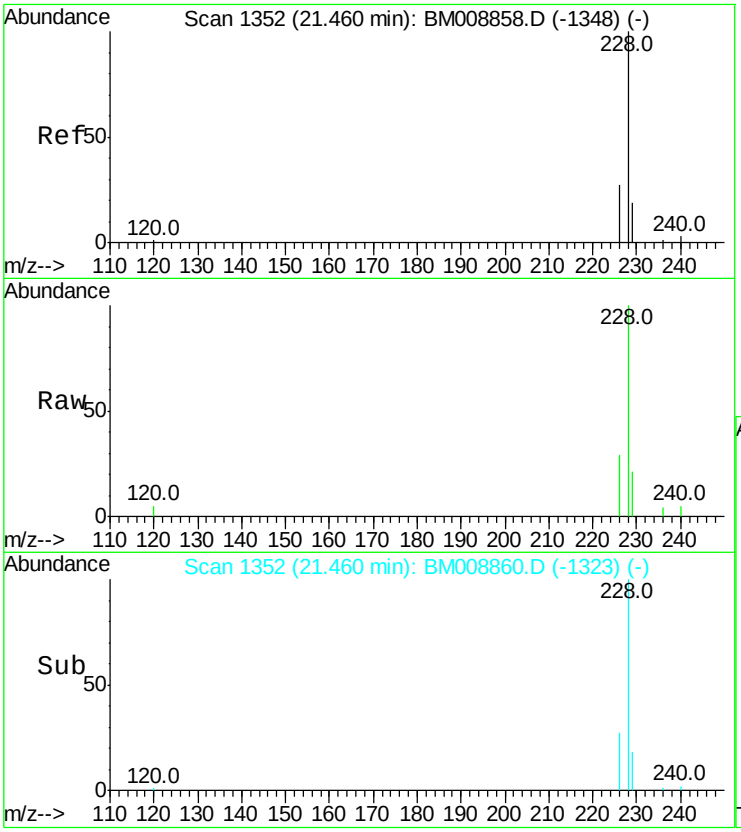


#17
Pyrene
Concen: 0.41 ng/ul
RT: 19.73 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:202 Resp: 1234

Ion	Ratio	Lower	Upper
202	100		
200	25.2	18.2	27.4
203	21.0	15.6	23.4

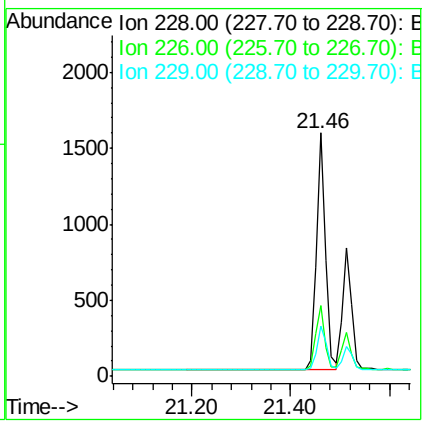




#18
Benzo(a)anthracene
Concen: 0.69 ng/ul
RT: 21.46 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:228 Resp: 1950

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	20.8	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
DA9P3

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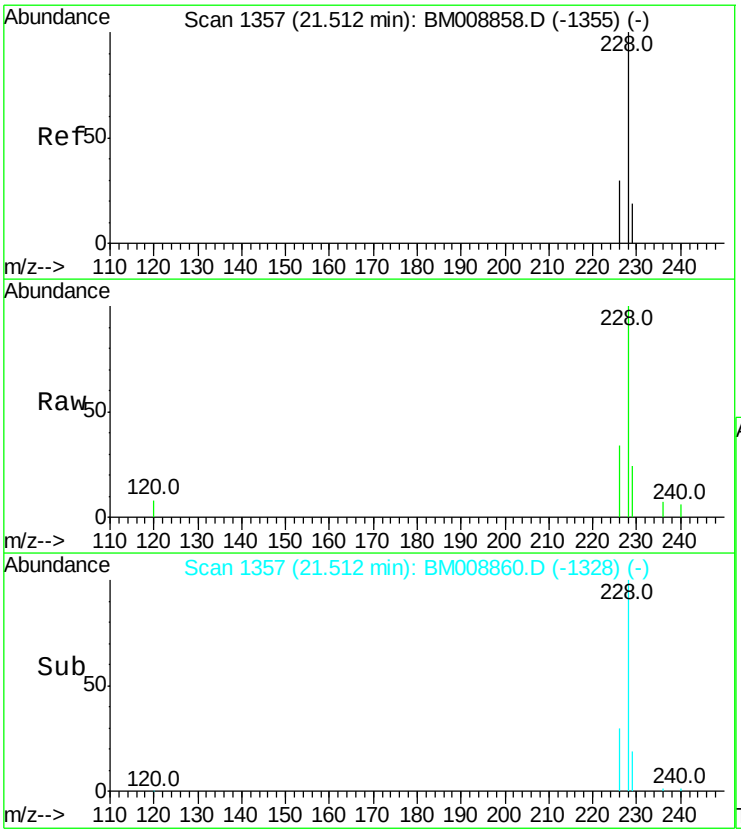
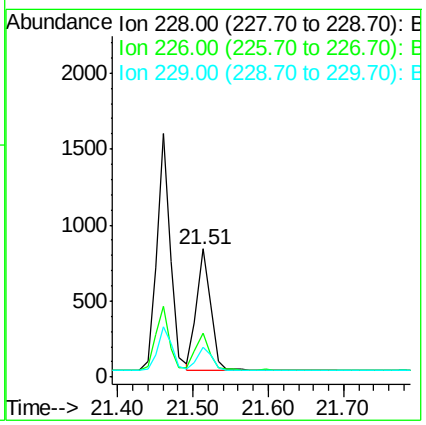
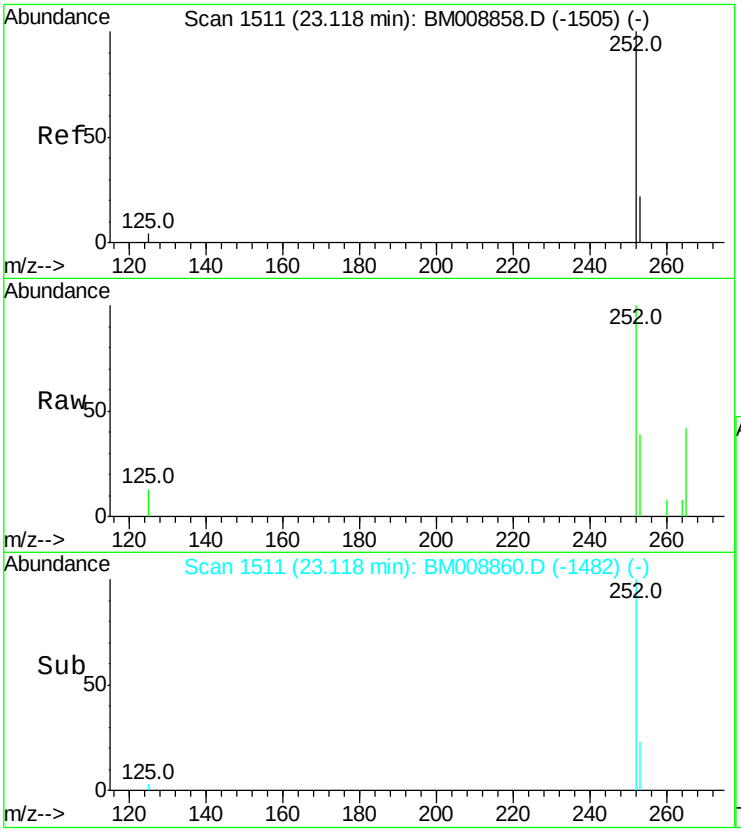


#19
Chrysene
Concen: 0.38 ng/ul
RT: 21.51 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:228 Resp: 1002

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	23.5	17.7	26.5

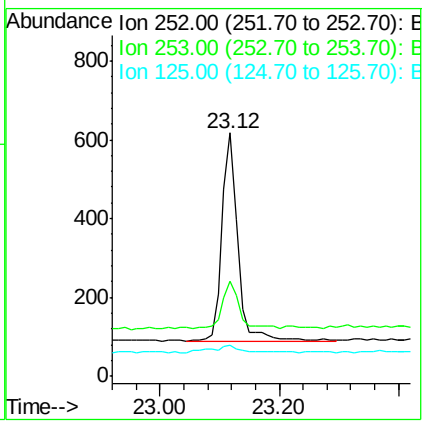




#21
Benzo(b)fluoranthene
Concen: 0.33 ng/ul
RT: 23.12 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:252 Resp: 1009

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	64.2
125	12.6	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
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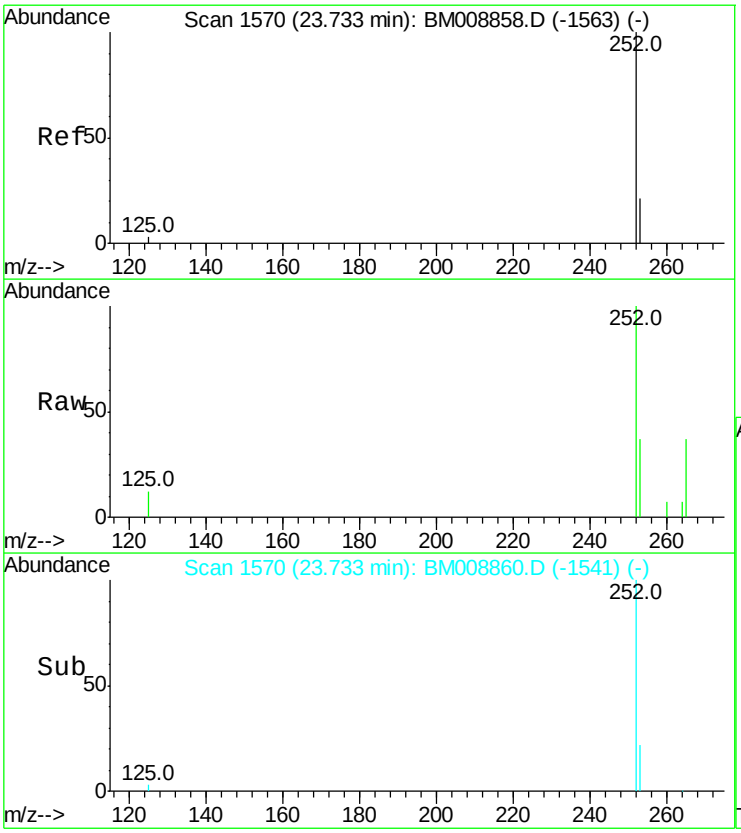
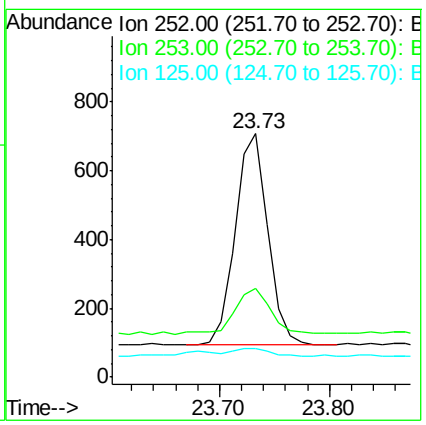
1/26/2017 5:09:54 PM

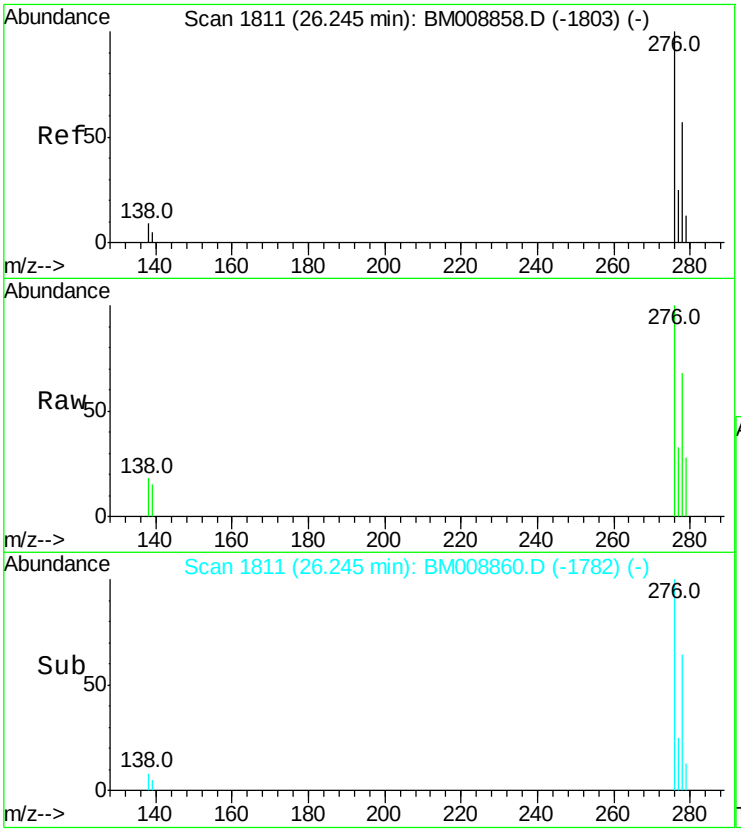


#23
Benzo(a)pyrene
Concen: 0.45 ng/ul
RT: 23.73 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:252 Resp: 1255

Ion	Ratio	Lower	Upper
252	100		
253	36.7	28.5	42.7
125	11.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/ul
RT: 26.25 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:276 Resp: 1273

Ion	Ratio	Lower	Upper
276	100		
138	9.0	19.1	28.7#
277	25.3	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
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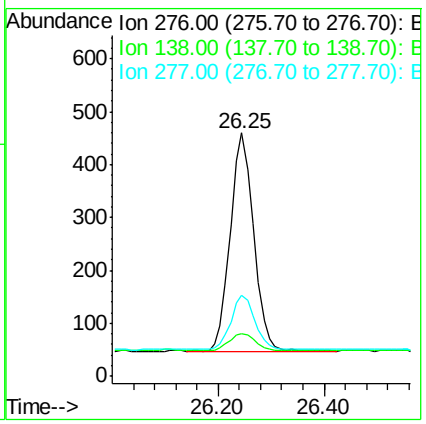
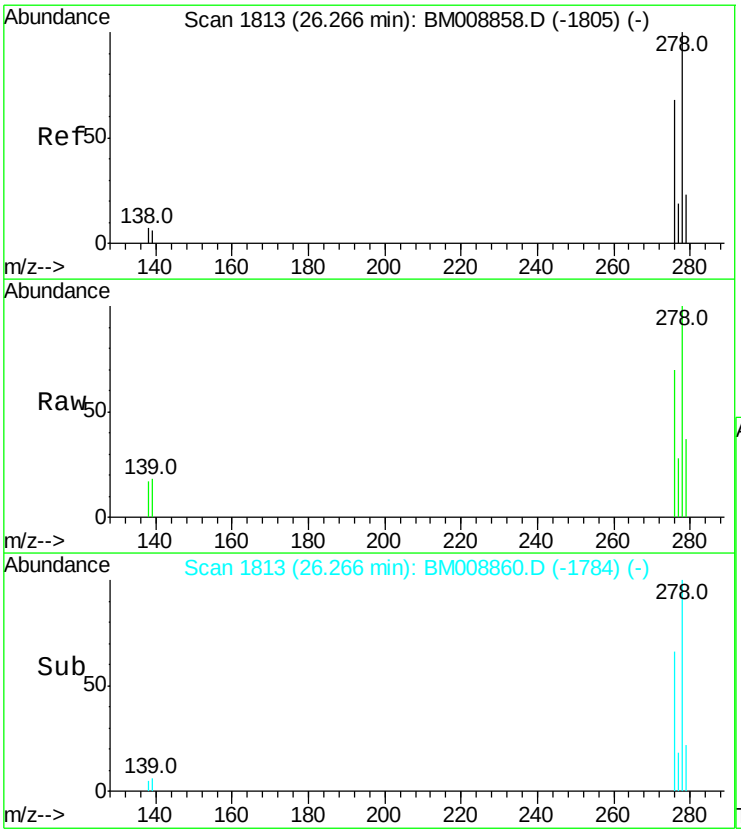
1/26/2017 5:09:54 PM

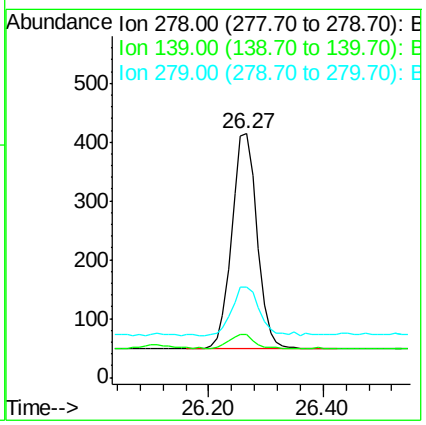


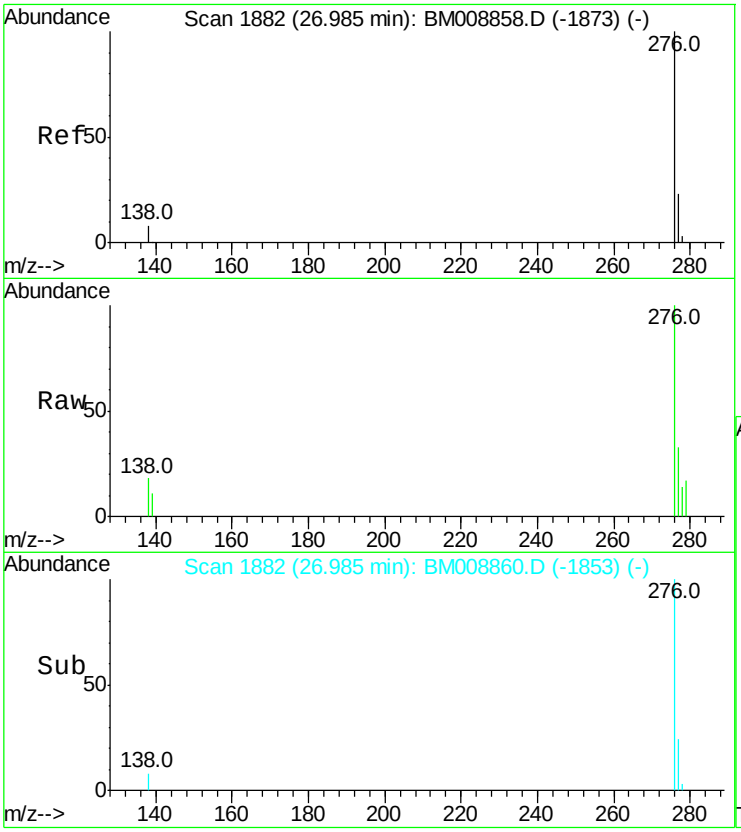


#25
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 26.27 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:278 Resp: 1136

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.4	26.0
279	37.2	25.9	38.9

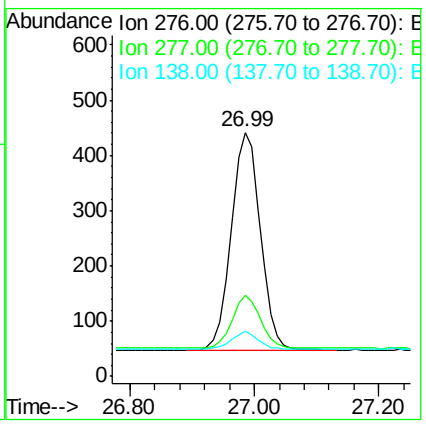




#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul
RT: 26.99 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BM008860.D
Acq: 25 Jan 2017 10:46

Tgt Ion:276 Resp: 1303

Ion	Ratio	Lower	Upper
276	100		
277	33.1	21.8	32.8#
138	18.4	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA9P3

Manual Integrations APPROVED
mohammad
1/26/2017 5:09:54 PM