Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008471.D
Acq On : 20 Dec 2016 09:33
Operator : UM/SJ
Sample : H5970-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA855

Manual Integrations APPROVED
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12/20/2016 6:31:39 PM

Quant Time: Dec 20 14:21:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	441	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1591	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	999	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1853m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1740	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1372m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	468	0.19	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1391m	0.27	ng/ul	-0.03
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1293	0.29	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	2147	0.71	ng/ul	99
7) Acenaphthylene	14.01	152	1240	0.27	ng/ul#	88
8) Acenaphthene	14.35	153	462	0.14	ng/ul	93
9) Fluorene	15.34	166	607	0.16	ng/ul#	62
12) Phenanthrene	17.07	178	7435	1.31	ng/ul	98
13) Anthracene	17.18	178	2447	0.45	ng/ul	97
15) Fluoranthene	19.11	202	20046	2.89	ng/ul	94
17) Pyrene	19.47	202	19370	2.88	ng/ul	96
18) Benzo(a)anthracene	21.23	228	12904	2.26	ng/ul	99
19) Chrysene	21.28	228	12227	1.95	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	18563m	3.43	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	6802m	1.29	ng/ul	
23) Benzo(a)pyrene	23.37	252	11533m	2.30	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	8320m	1.39	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	2559m	0.54	ng/ul	
26) Benzo(g,h,i)perylene	26.38	276	7881m	1.54	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008471.D
Acq On : 20 Dec 2016 09:33
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
DA855

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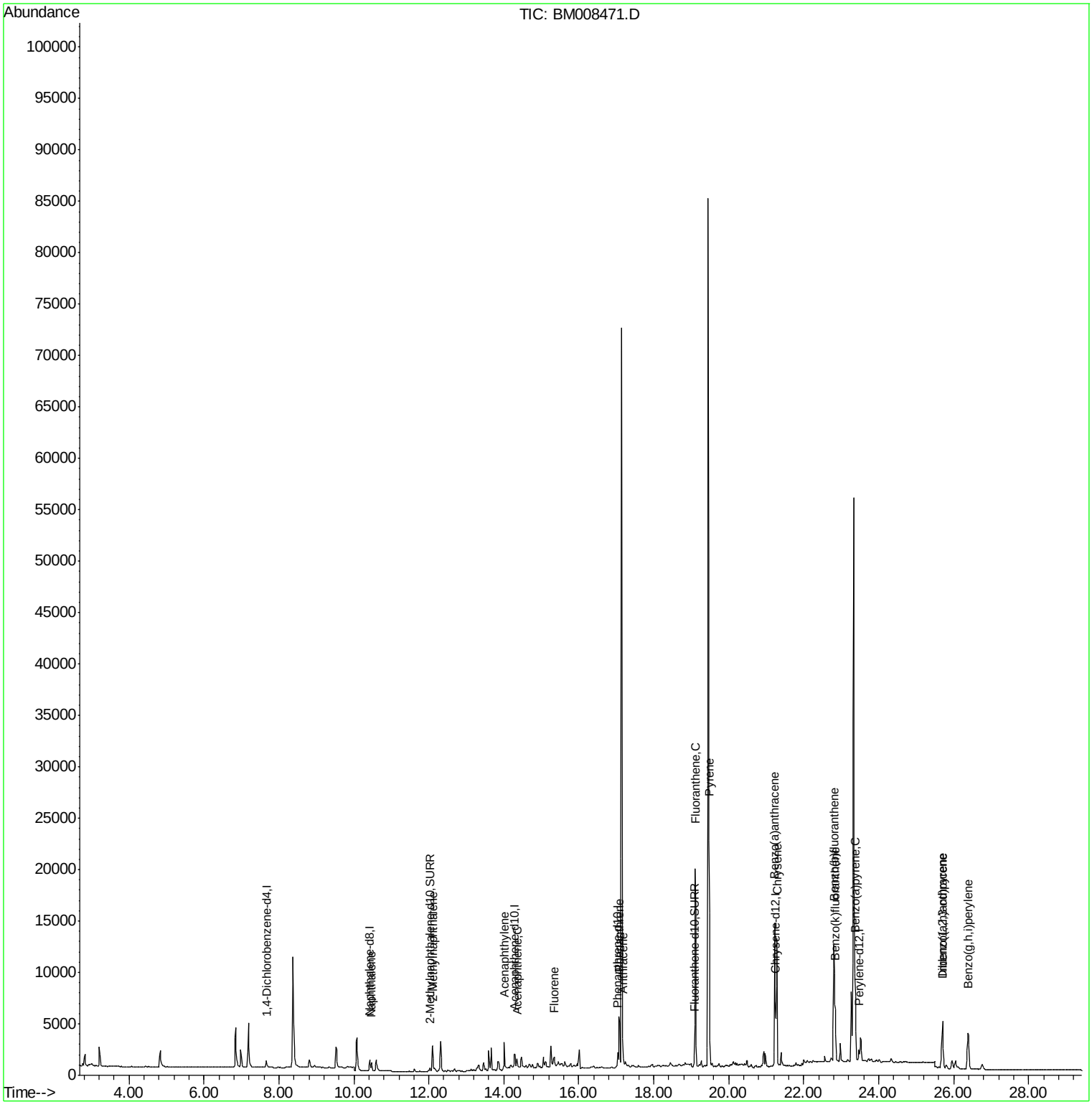
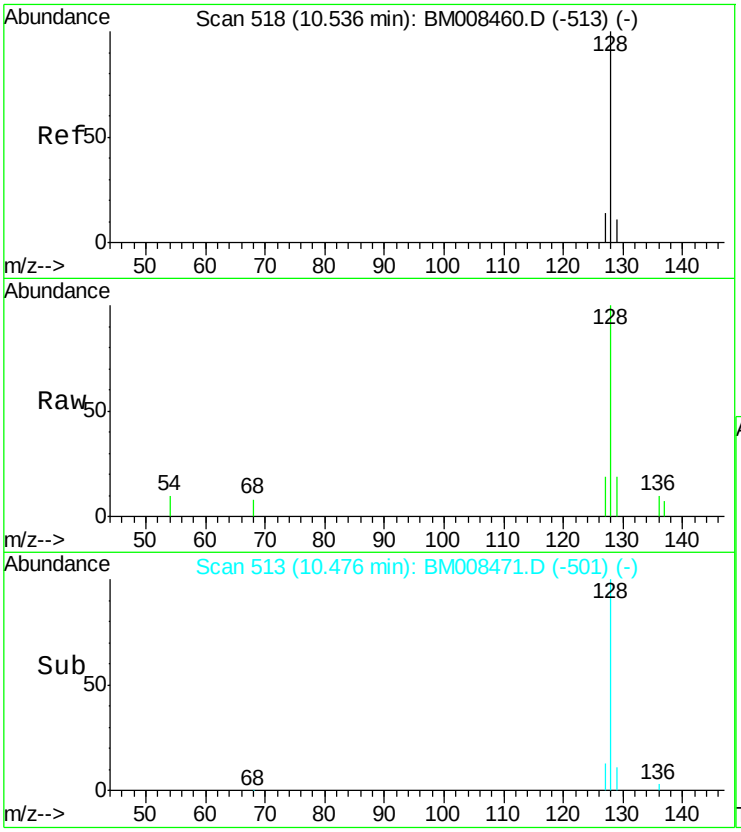
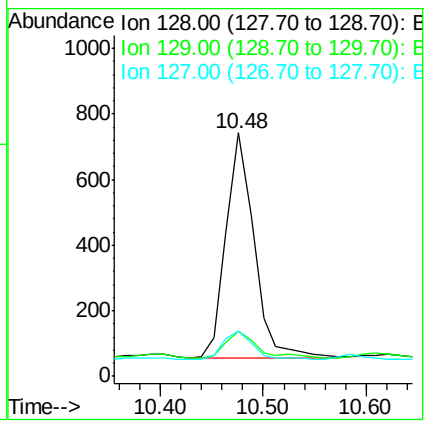




#3
Naphthalene
Concen: 0.29 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.06 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:128 Resp: 1293

Ion	Ratio	Lower	Upper
128	100		
129	18.6	11.3	16.9#
127	18.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA855

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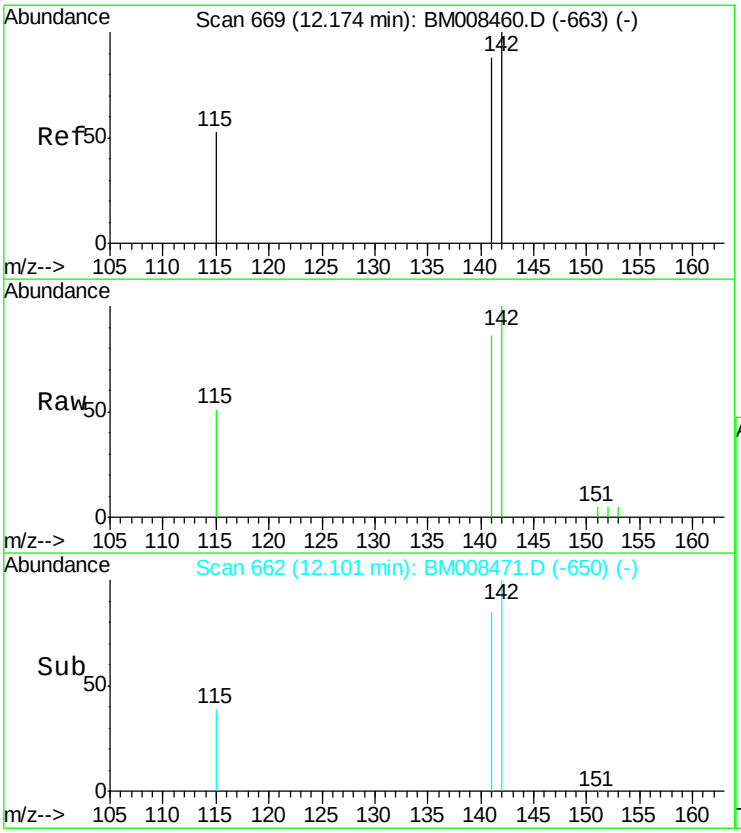
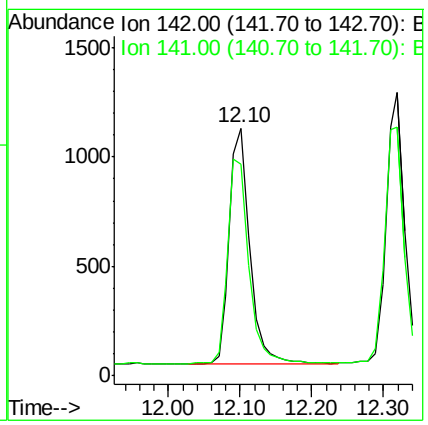
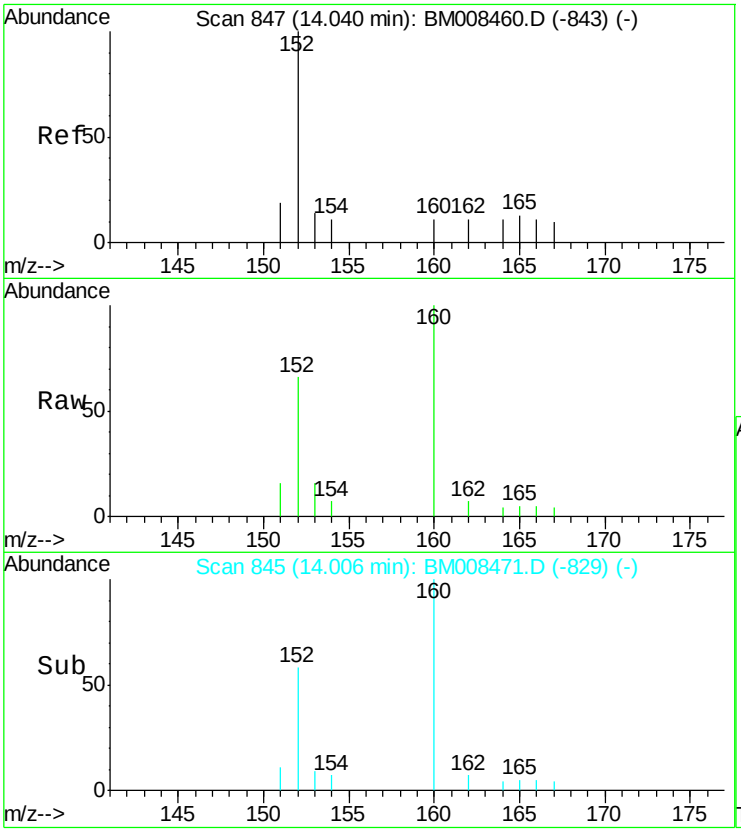


#5
2-Methylnaphthalene
Concen: 0.71 ng/ul
RT: 12.10 min Scan# 662
Delta R.T. -0.07 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:142 Resp: 2147

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

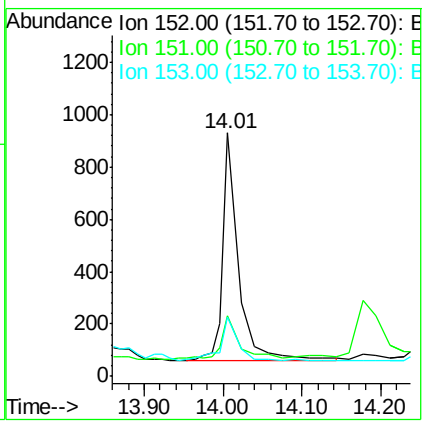




#7
Acenaphthylene
Concen: 0.27 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:152 Resp: 1240

Ion	Ratio	Lower	Upper
152	100		
151	24.7	17.1	25.7
153	24.2	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA855

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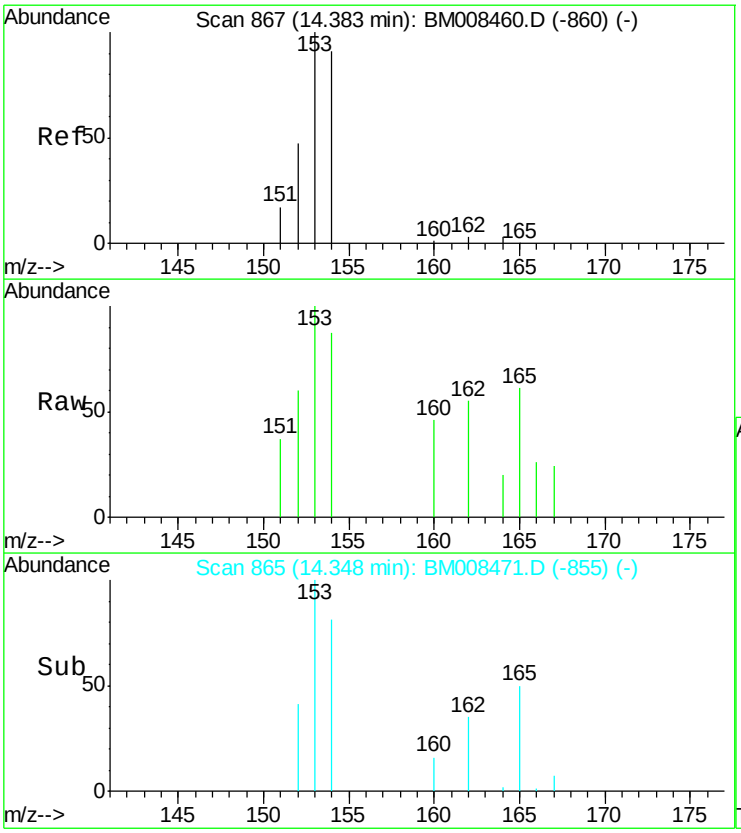
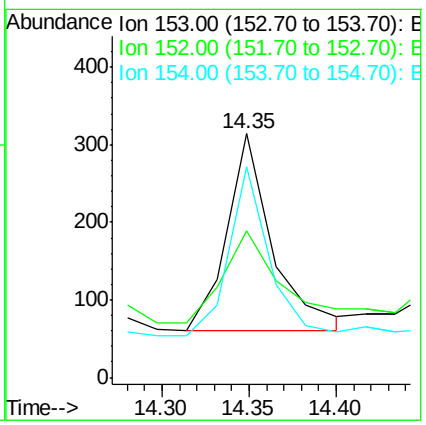
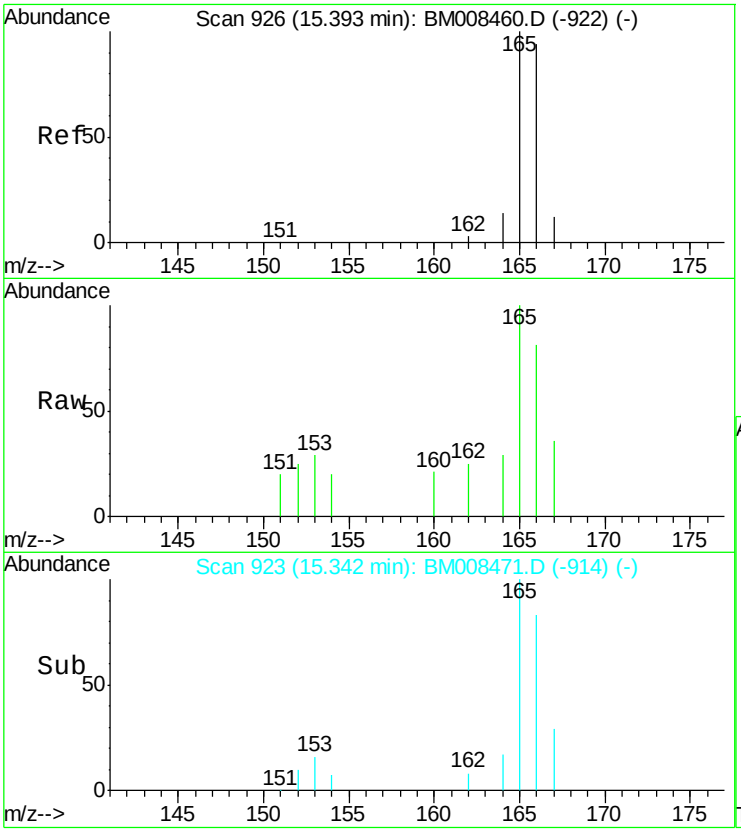


#8
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:153 Resp: 462

Ion	Ratio	Lower	Upper
153	100		
152	60.2	40.3	60.5
154	86.6	71.4	107.2





#9
Fluorene
Concen: 0.16 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:166 Resp: 607

Ion	Ratio	Lower	Upper
166	100		
165	123.6	73.4	110.2#
167	45.0	14.6	22.0#

Instrument :
BNA_M
ClientSampleId :
DA855

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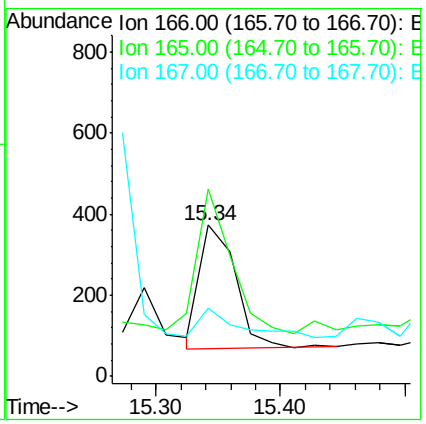
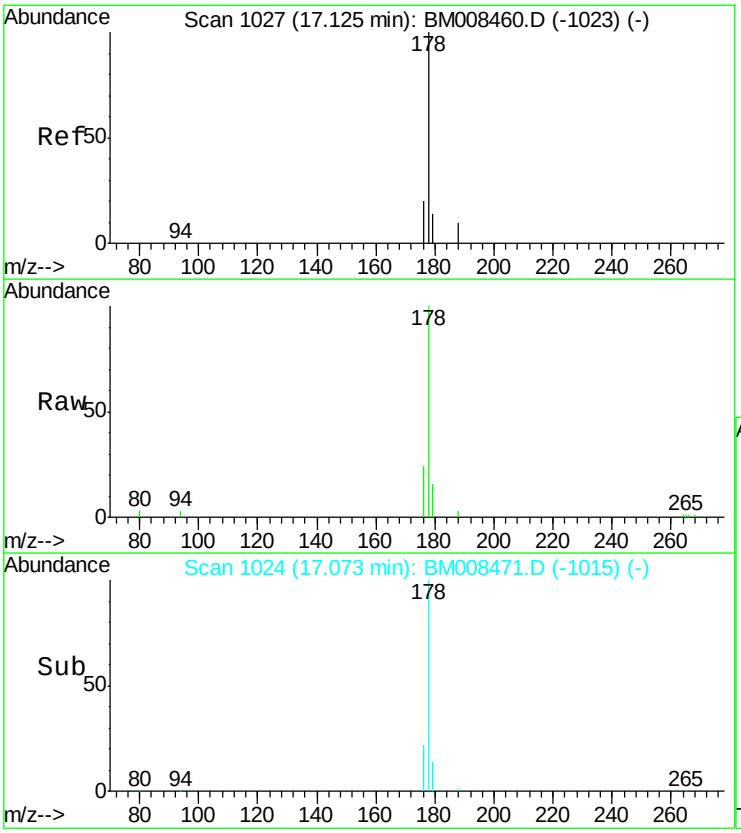
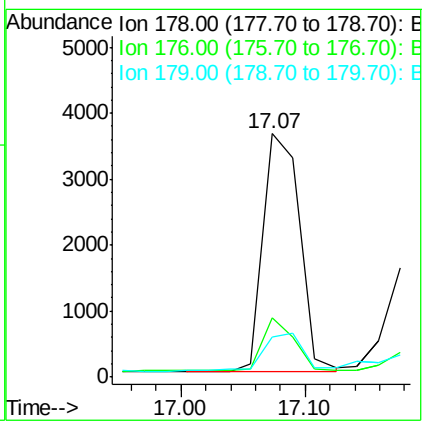


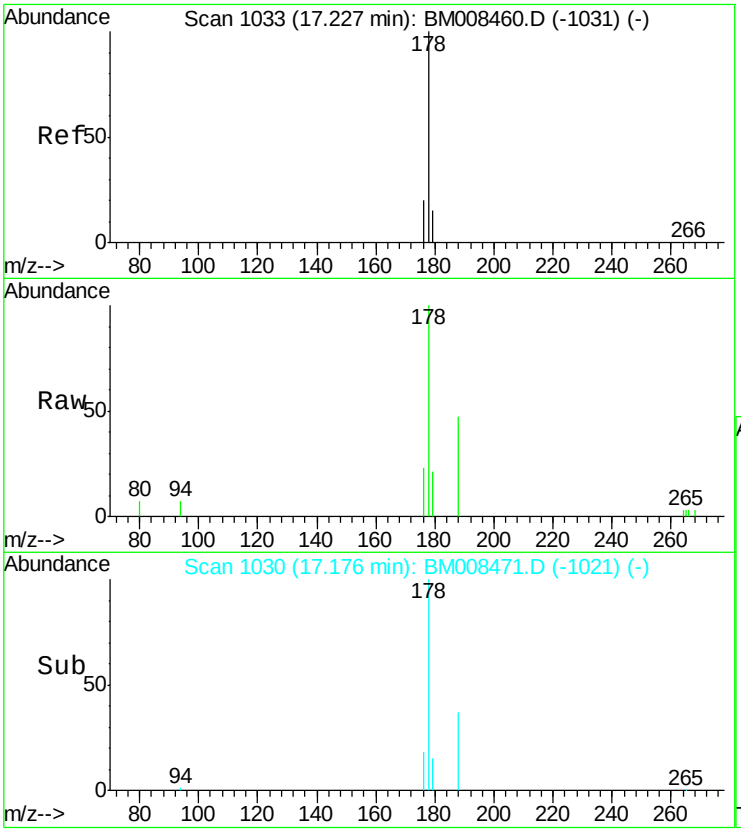


#12
Phenanthrene
Concen: 1.31 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:178 Resp: 7435

Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.4	27.6
179	16.2	13.6	20.4

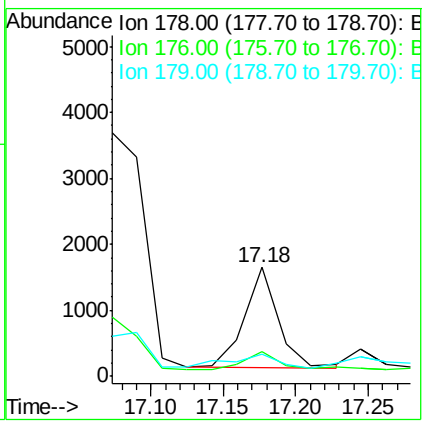




#13
Anthracene
Concen: 0.45 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:178 Resp: 2447

Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.1	27.1
179	20.8	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
DA855

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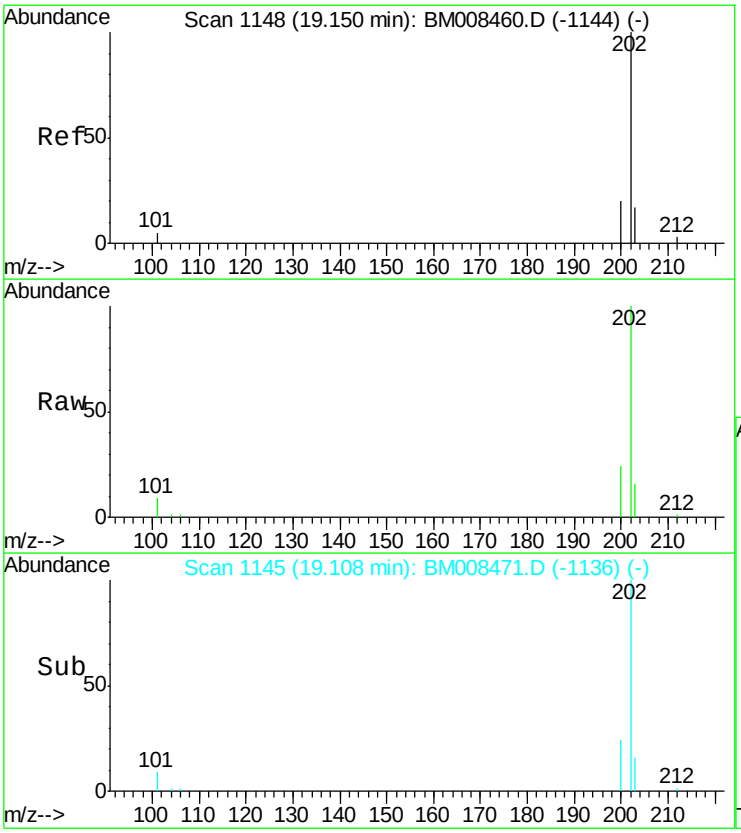
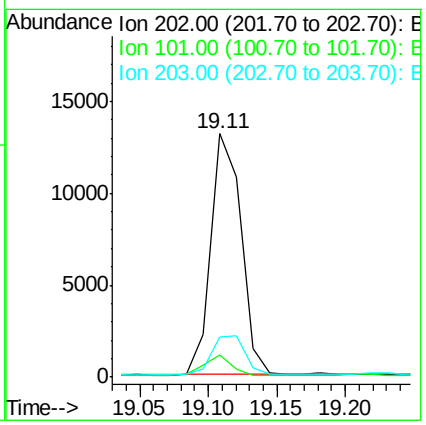
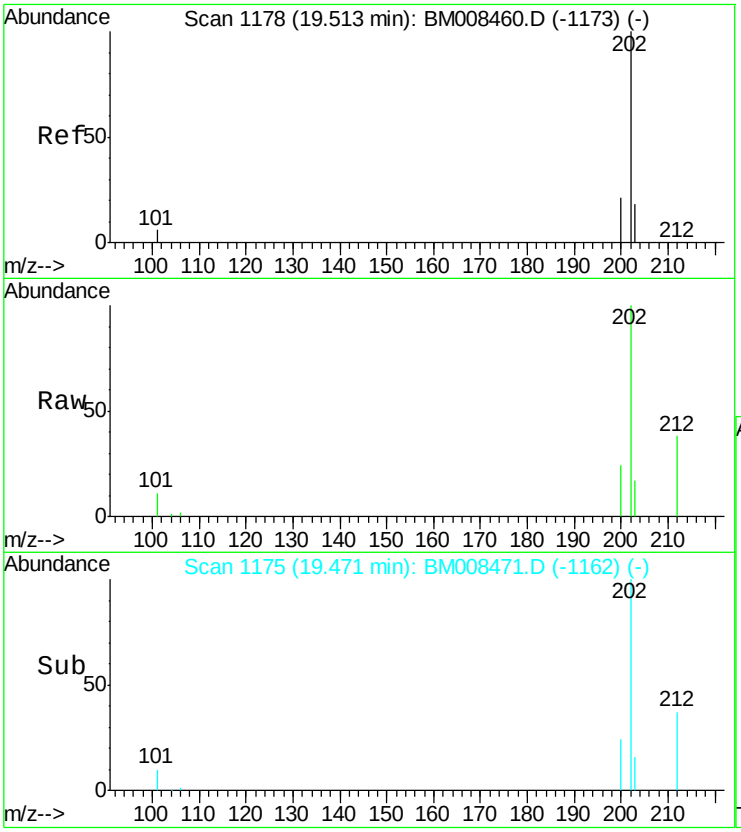


#15
Fluoranthene
Concen: 2.89 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:202 Resp: 20046

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
203	16.3	0.0	39.5

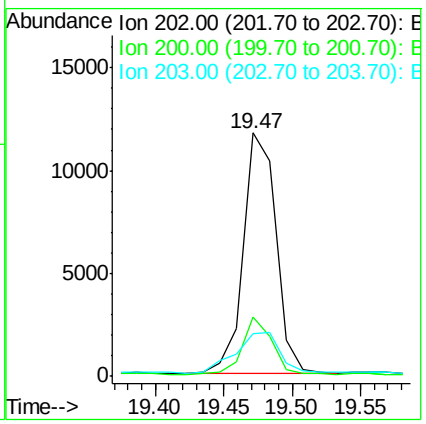




#17
Pyrene
Concen: 2.88 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:202 Resp: 19370

Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.2	27.4
203	17.3	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA855

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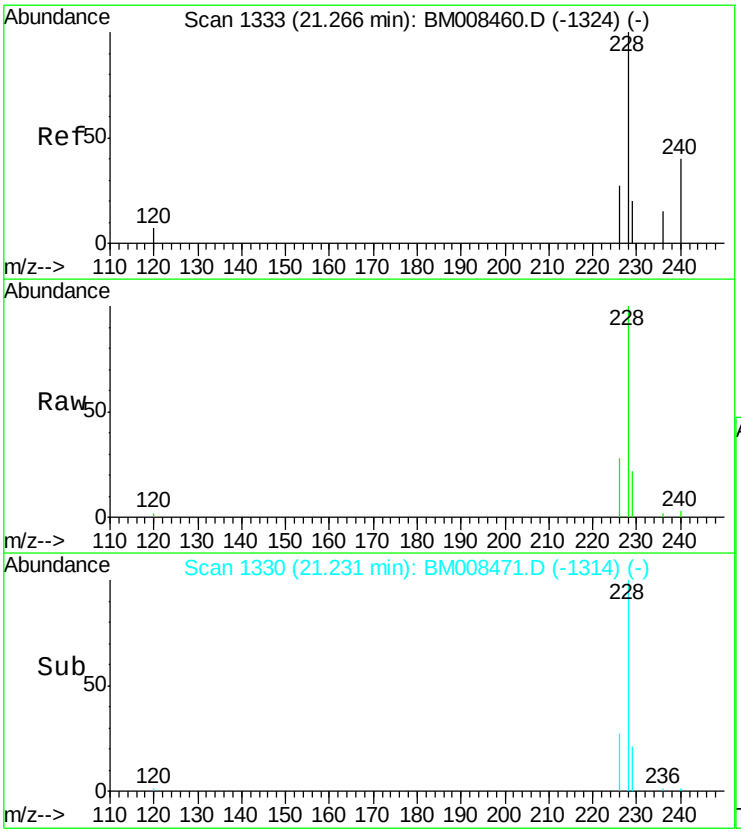
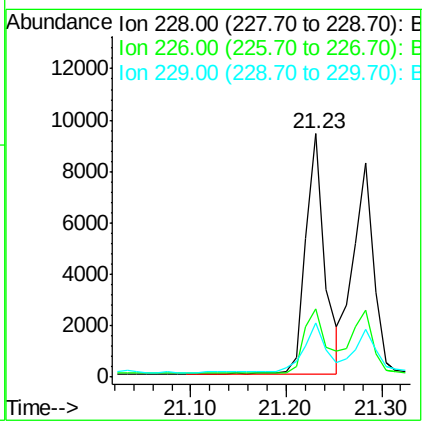
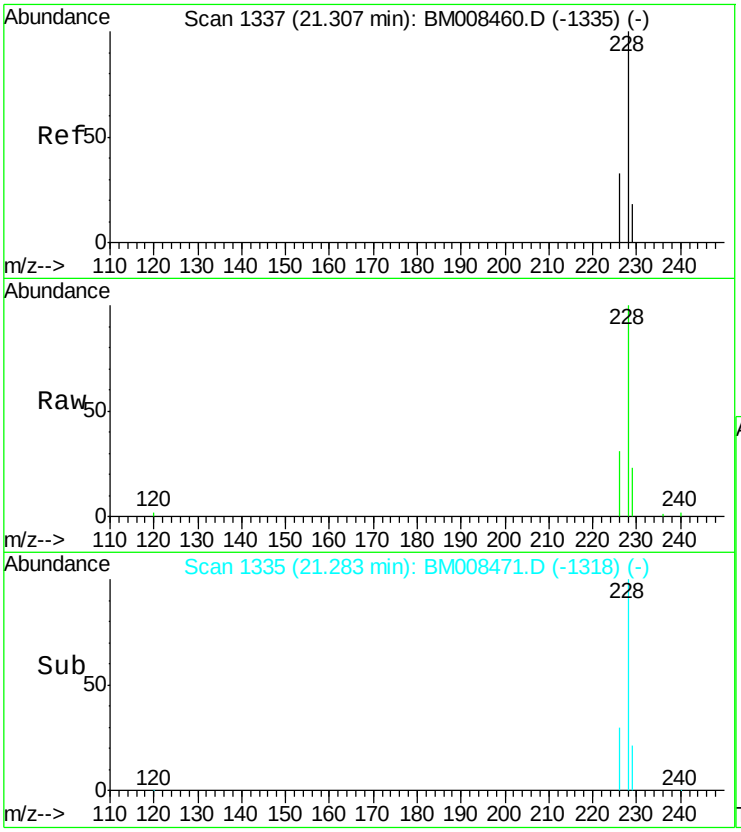


#18
Benzo(a)anthracene
Concen: 2.26 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:228 Resp: 12904

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	22.2	17.0	25.6

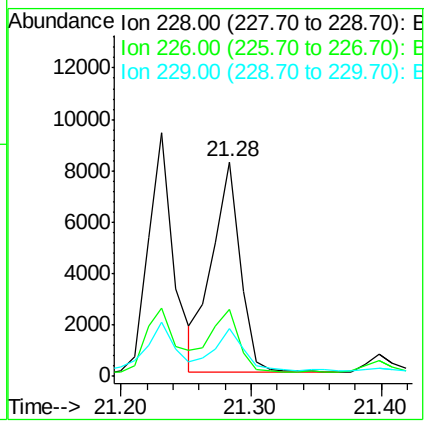




#19
Chrysene
Concen: 1.95 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:228 Resp: 12227

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.5	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
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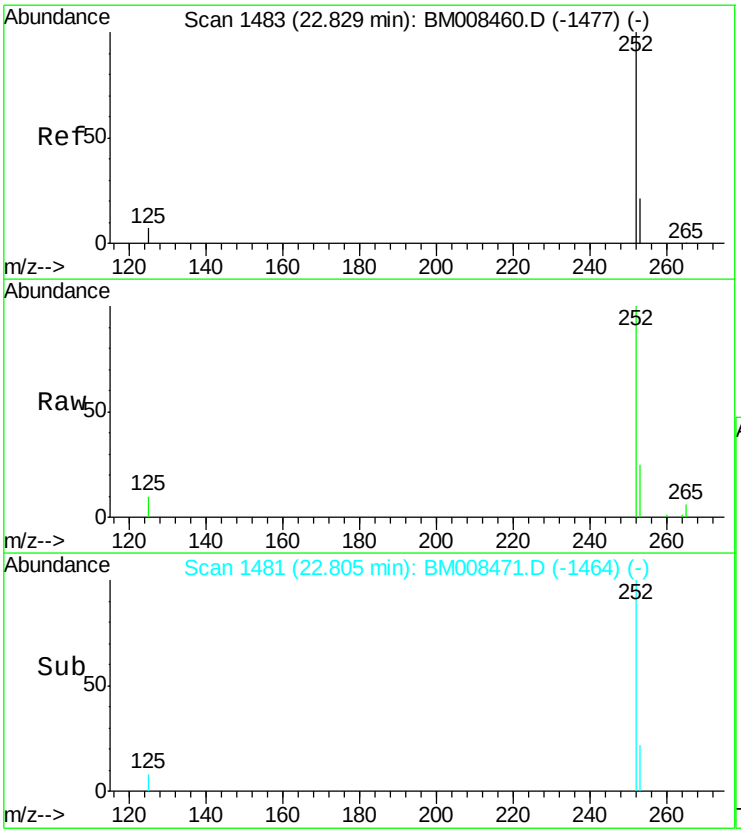
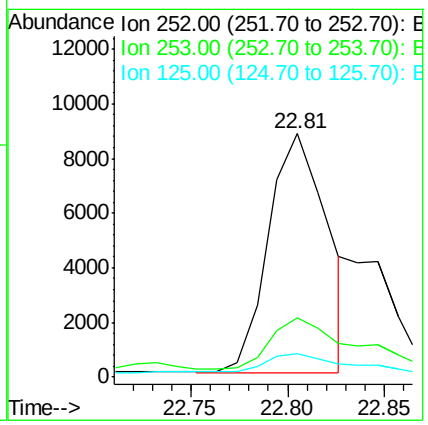
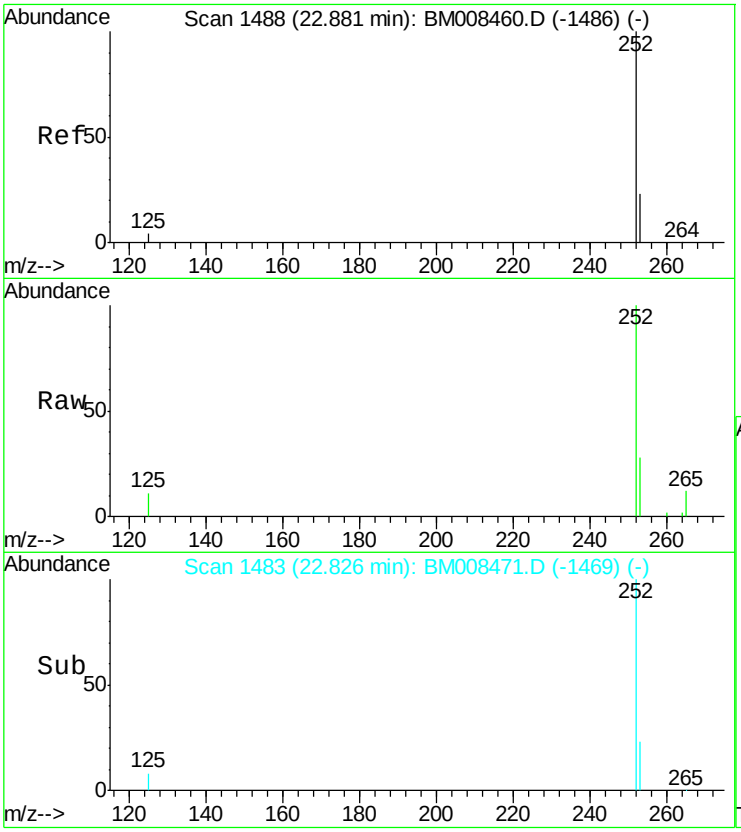


#21
Benzo(b)fluoranthene
Concen: 3.43 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:252 Resp: 18563

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	9.5	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.29 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.06 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:252 Resp: 6802

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	11.3	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA855

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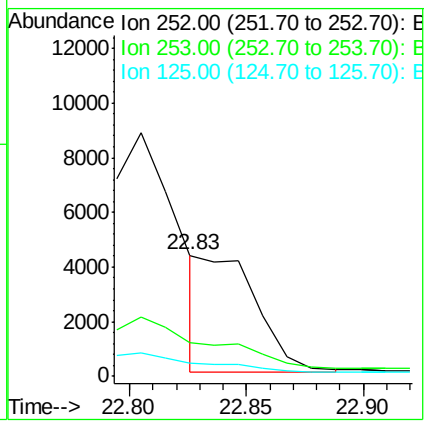
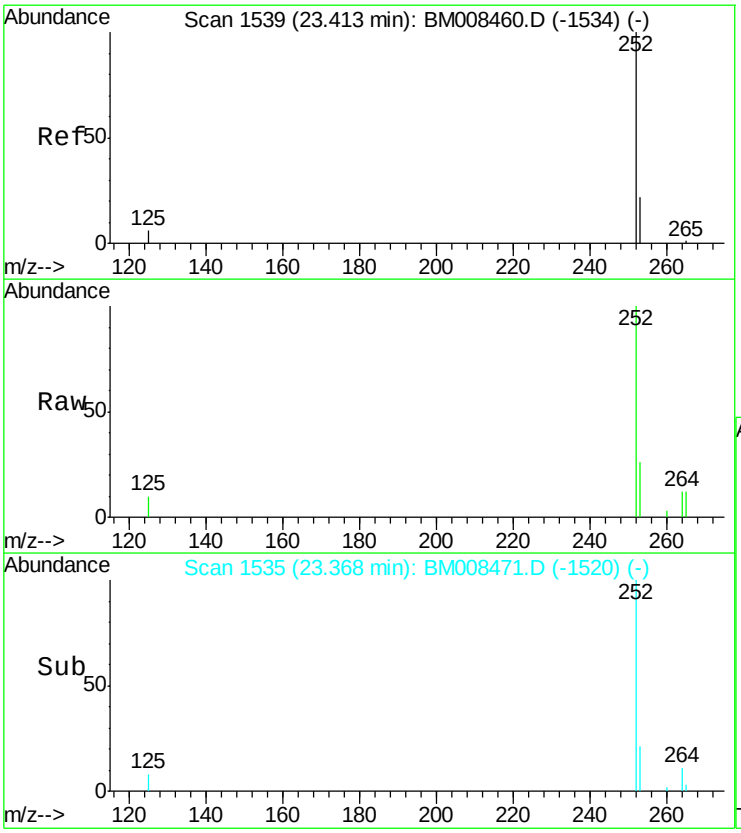
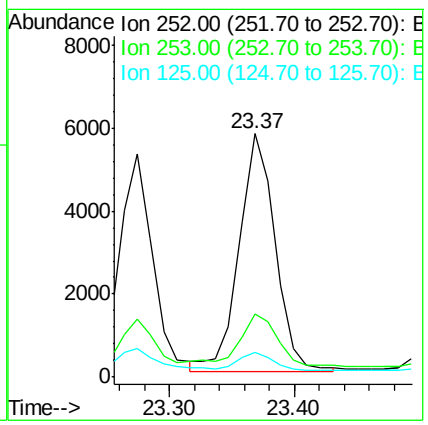


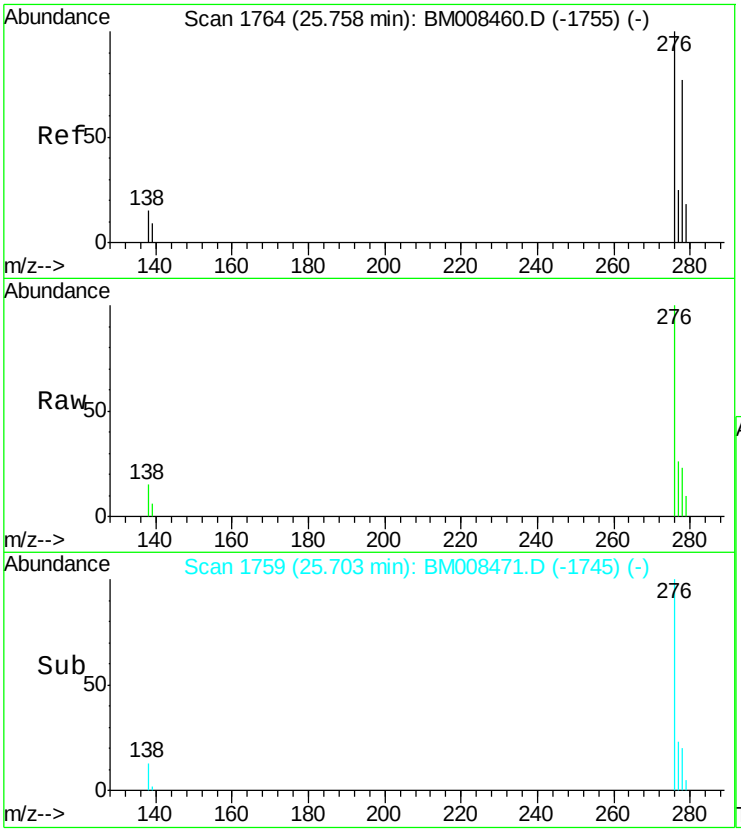


#23
Benzo(a)pyrene
Concen: 2.30 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:252 Resp: 11533

Ion	Ratio	Lower	Upper
252	100		
253	25.7	28.5	42.7#
125	10.0	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.39 ng/ul m
RT: 25.70 min Scan# 1759
Delta R.T. -0.06 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:276 Resp: 8320

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	7.1	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
DA855

Manual Integrations APPROVED
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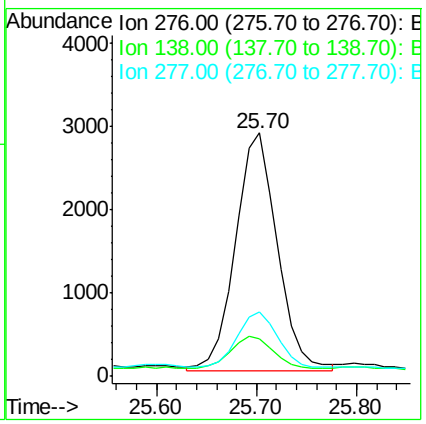
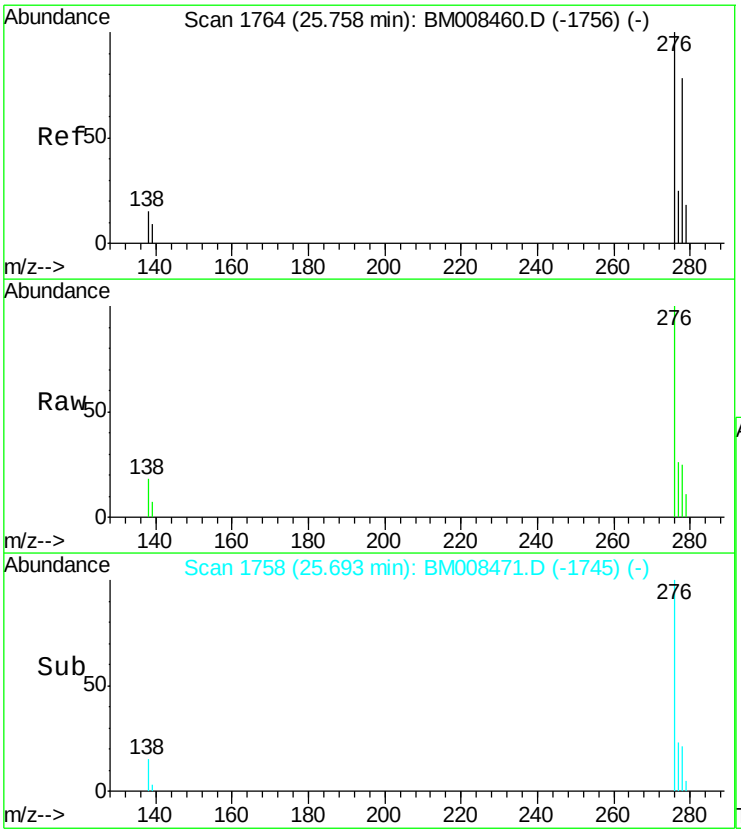
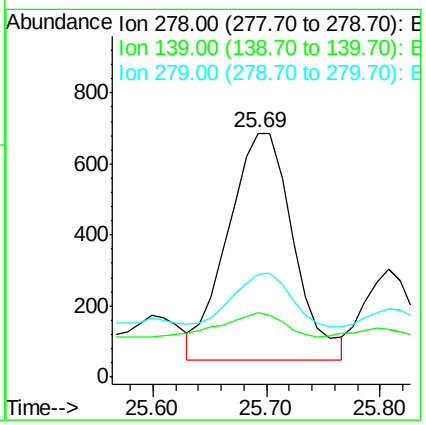


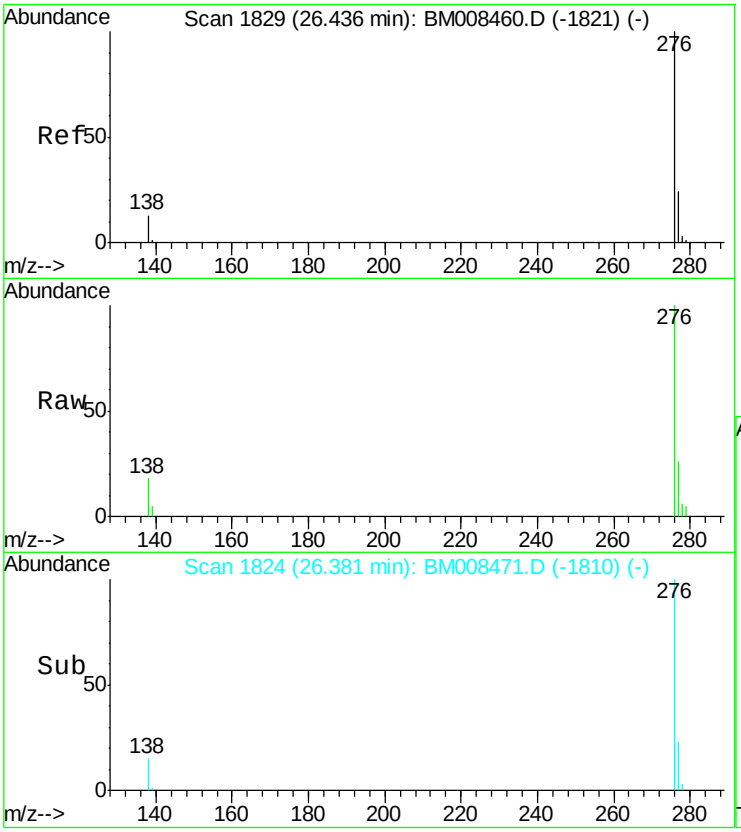


#25
Dibenzo(a,h)anthracene
Concen: 0.54 ng/ul m
RT: 25.69 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:278 Resp: 2559

Ion	Ratio	Lower	Upper
278	100		
139	26.2	17.4	26.0#
279	42.4	25.9	38.9#

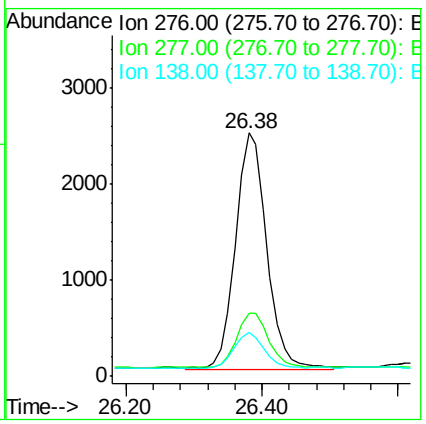




#26
Benzo(g,h,i)perylene
Concen: 1.54 ng/ul m
RT: 26.38 min Scan# 1824
Delta R.T. -0.06 min
Lab File: BM008471.D
Acq: 20 Dec 2016 09:33

Tgt Ion:276 Resp: 7881

Ion	Ratio	Lower	Upper
276	100		
277	26.1	21.8	32.8
138	18.3	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA855

Manual Integrations APPROVED
sohil
12/20/2016 6:31:39 PM