Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008071.D
Acq On : 24 Nov 2016 13:18
Operator : UM/SJ
Sample : H5701-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WC8

Manual Integrations APPROVED
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Quant Time: Nov 28 11:00:17 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	718	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2524	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1571	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3150m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3047	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2586m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	982	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2323	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	159	0.02	ng/ul#	34
7) Acenaphthylene	14.06	152	863	0.12	ng/ul#	88
9) Fluorene	15.39	166	185	0.03	ng/ul#	75
12) Phenanthrene	17.12	178	3712	0.38	ng/ul	100
13) Anthracene	17.23	178	1123	0.12	ng/ul#	88
15) Fluoranthene	19.16	202	10624m	0.84	ng/ul	
17) Pyrene	19.52	202	10568	1.00	ng/ul	97
18) Benzo(a)anthracene	21.27	228	4939	0.53	ng/ul#	93
19) Chrysene	21.32	228	5327	0.46	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	6959m	0.67	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2534m	0.24	ng/ul	
23) Benzo(a)pyrene	23.42	252	5167m	0.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	3515m	0.29	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	1171m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	3214m	0.30	ng/ul	

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

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WC8

Manual Integrations APPROVED
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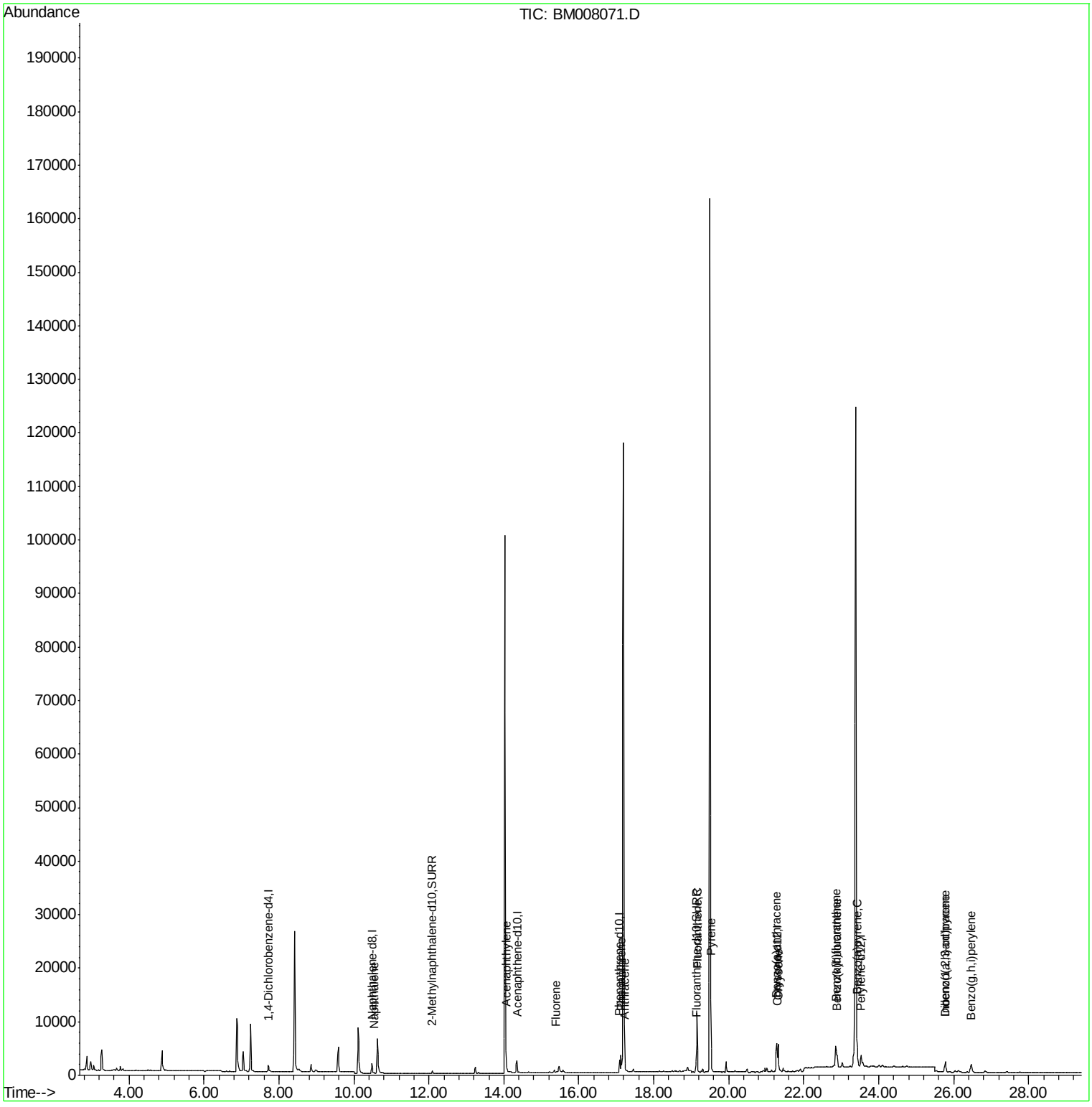
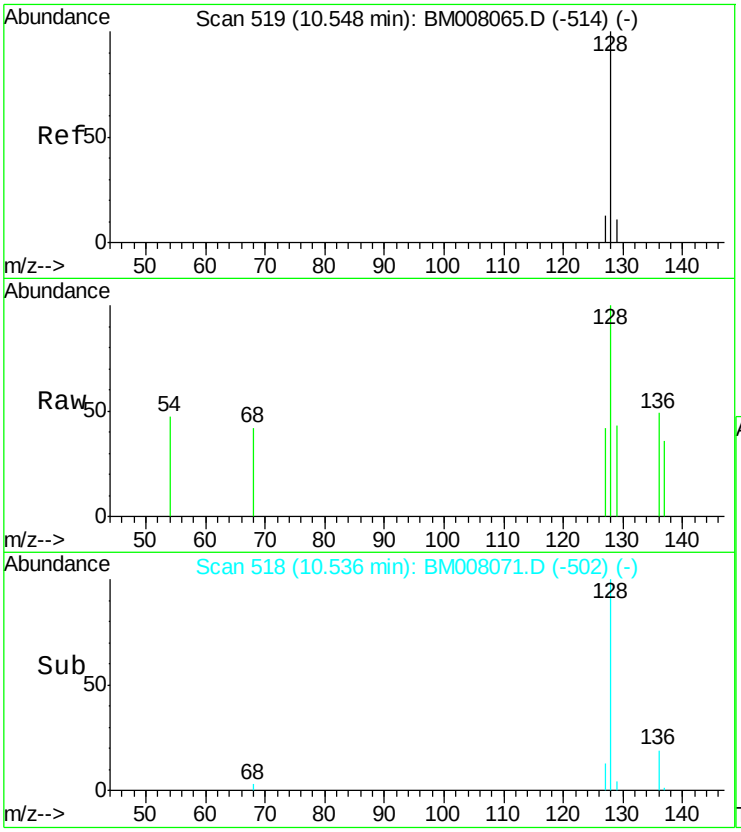
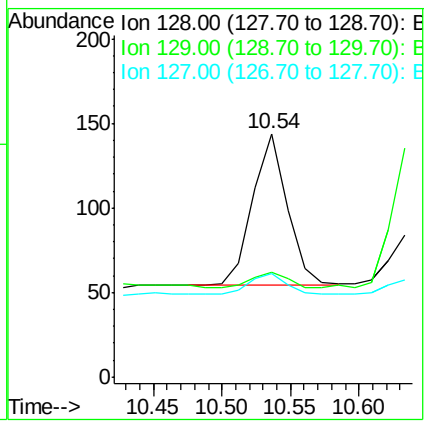




#3
Naphthalene
Concen: 0.02 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:128 Resp: 159

Ion	Ratio	Lower	Upper
128	100		
129	43.1	11.3	16.9#
127	42.4	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A4WC8

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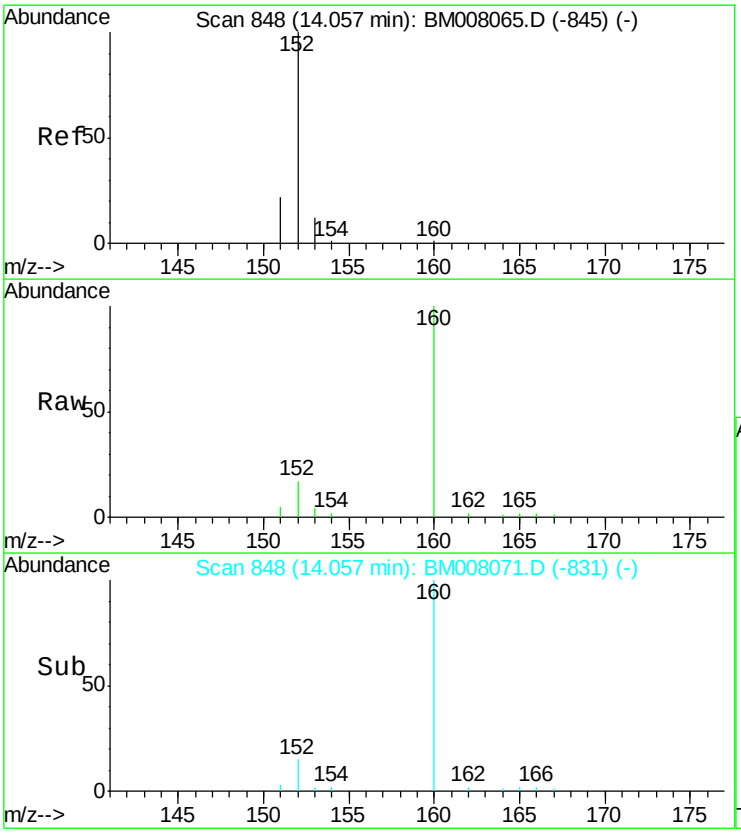
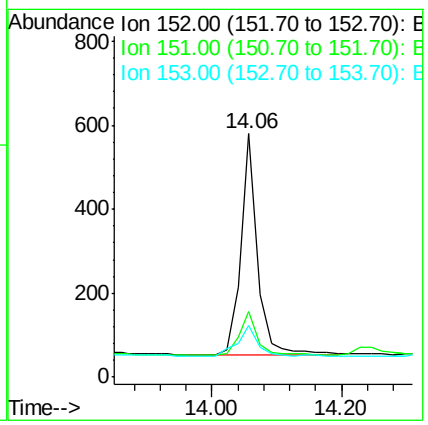
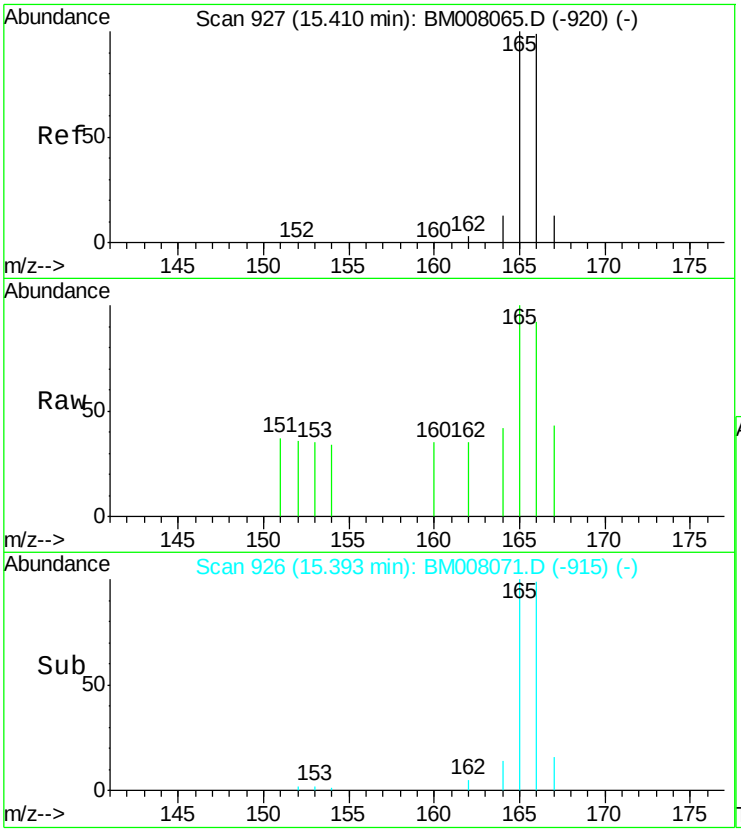


#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:152 Resp: 863

Ion	Ratio	Lower	Upper
152	100		
151	26.9	17.1	25.7#
153	21.0	12.8	19.2#

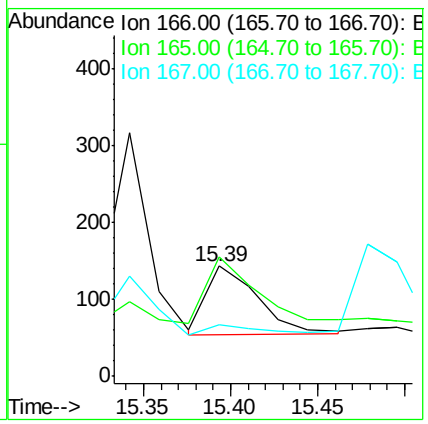




#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:166 Resp: 185

Ion	Ratio	Lower	Upper
166	100		
165	108.4	73.4	110.2
167	46.2	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WC8

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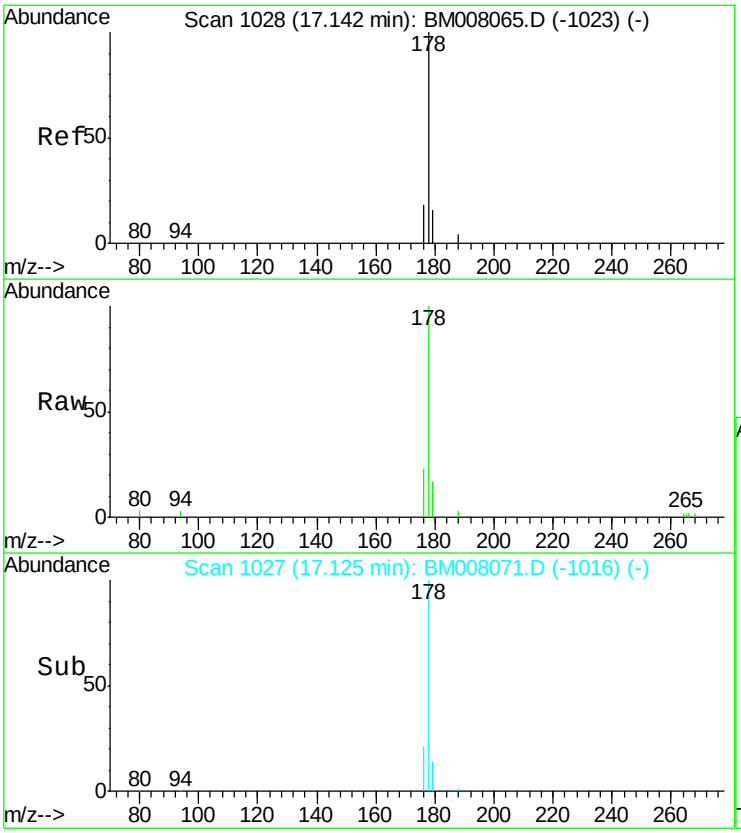
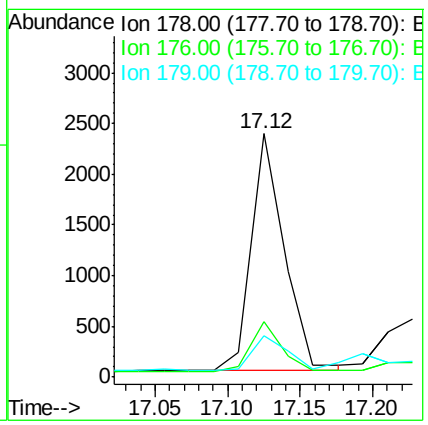
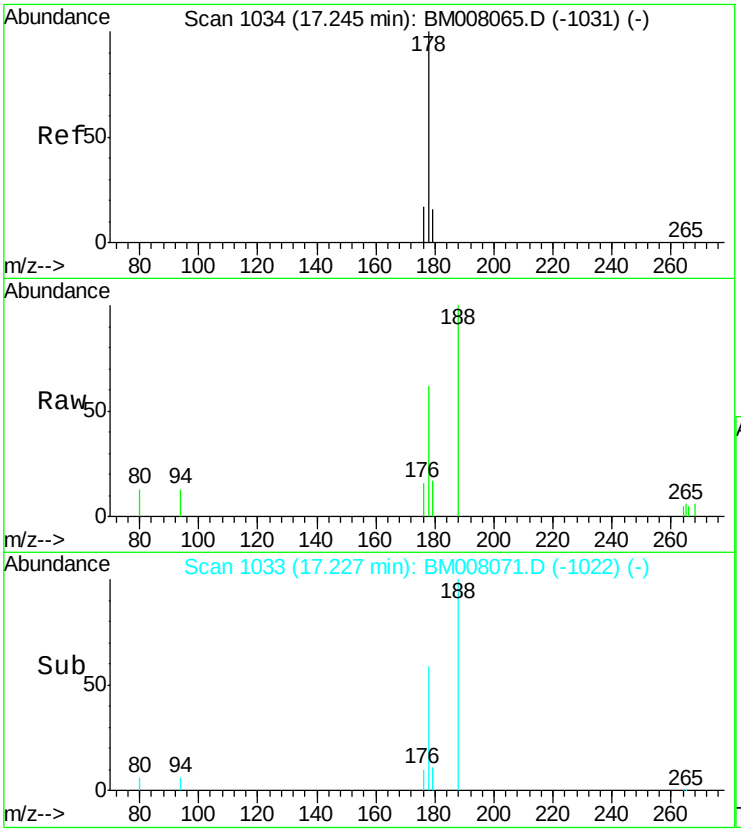


#12
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:178 Resp: 3712

Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.4	27.6
179	16.7	13.6	20.4

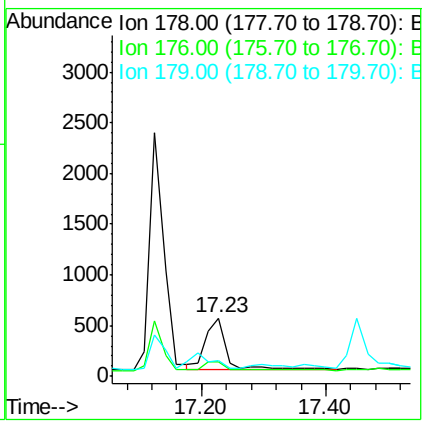




#13
Anthracene
Concen: 0.12 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:178 Resp: 1123

Ion	Ratio	Lower	Upper
178	100		
176	24.8	18.1	27.1
179	27.8	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
A4WC8

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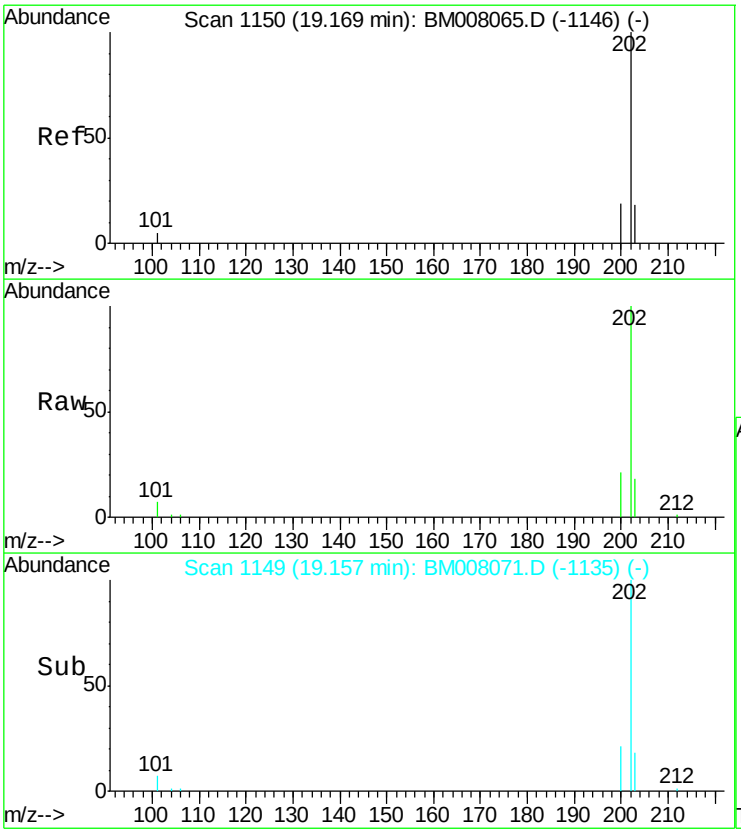
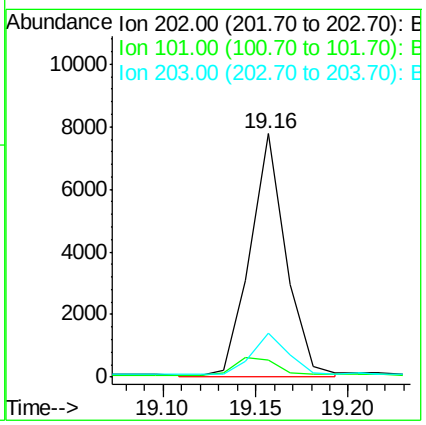
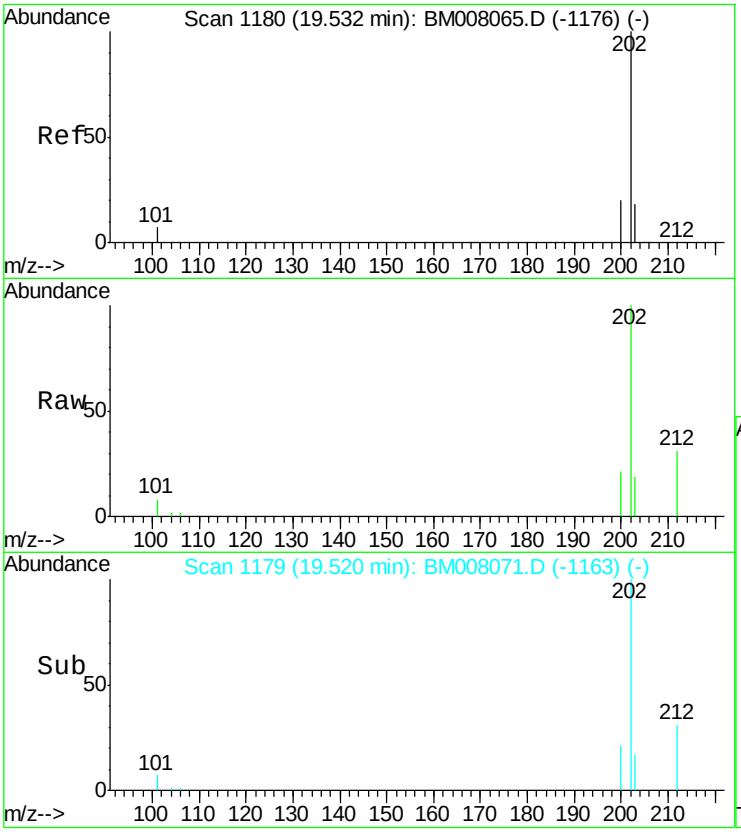


#15
Fluoranthene
Concen: 0.84 ng/ul m
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:202 Resp: 10624

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	30.3
203	18.0	0.0	39.5

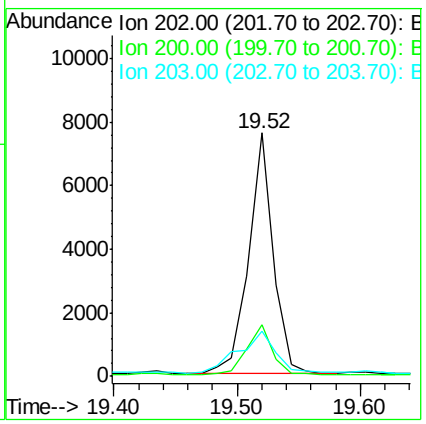




#17
Pyrene
Concen: 1.00 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:202 Resp: 10568

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	18.5	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
A4WC8

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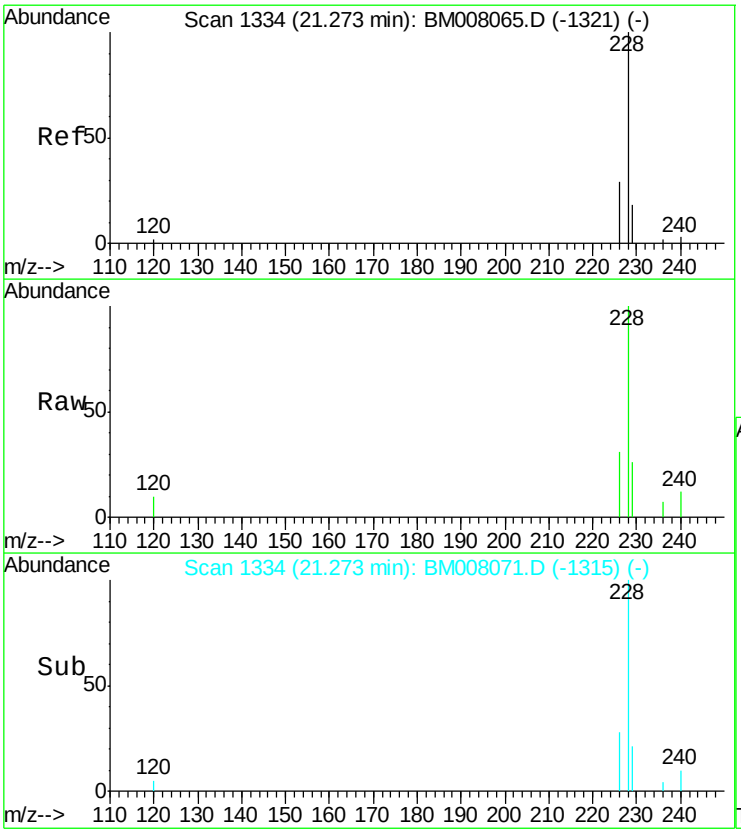
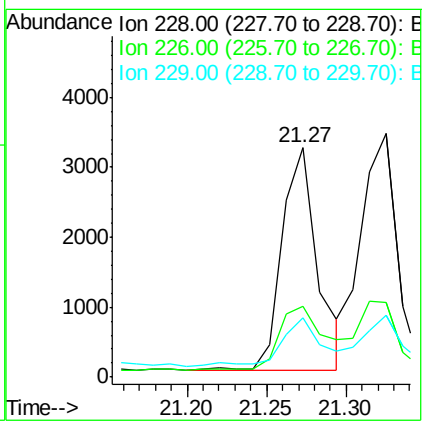
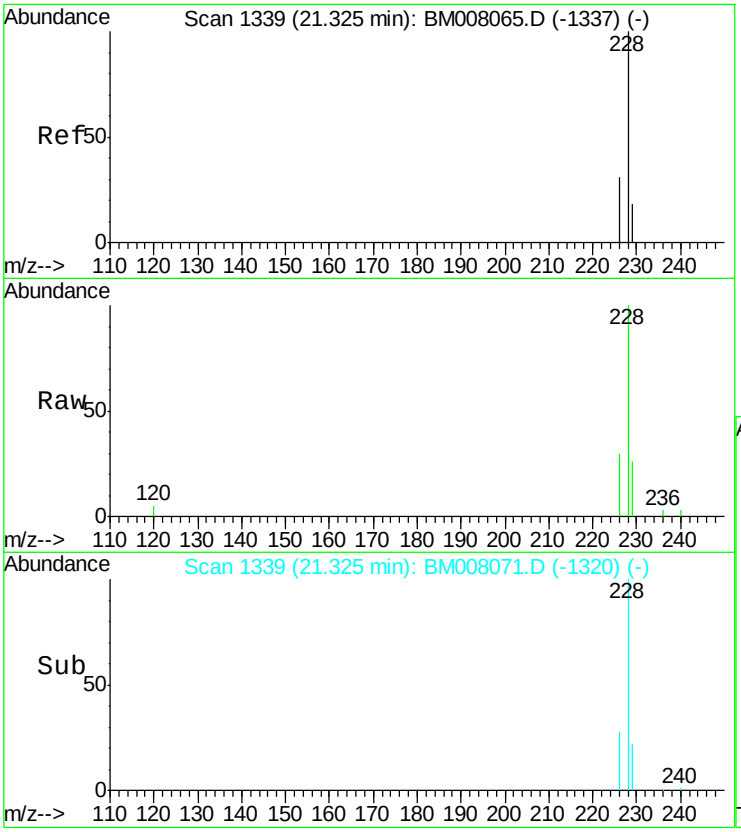


#18
Benzo(a)anthracene
Concen: 0.53 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:228 Resp: 4939

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	25.8	17.0	25.6#

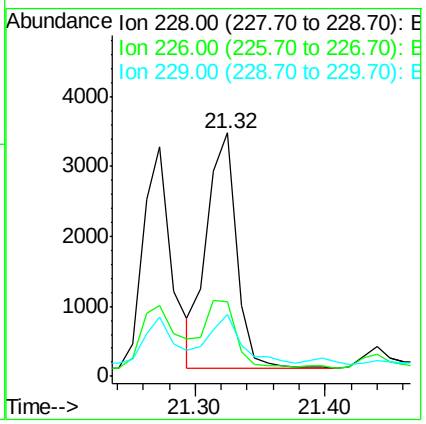




#19
Chrysene
Concen: 0.46 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:228 Resp: 5327

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	25.6	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WC8

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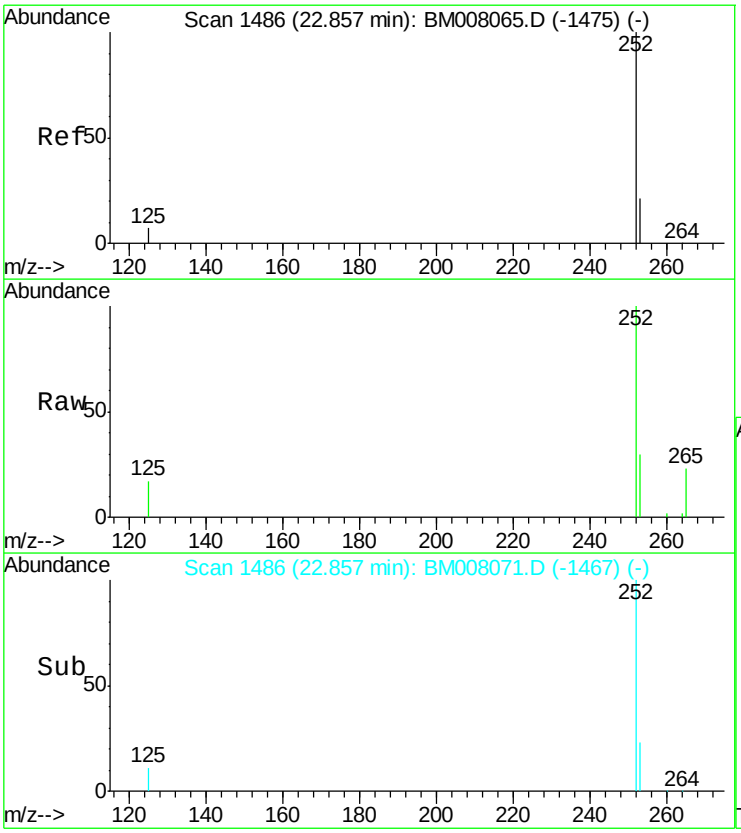
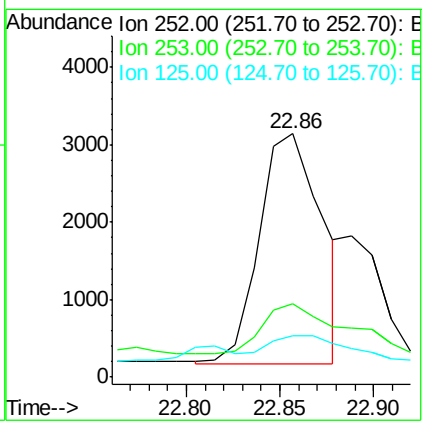
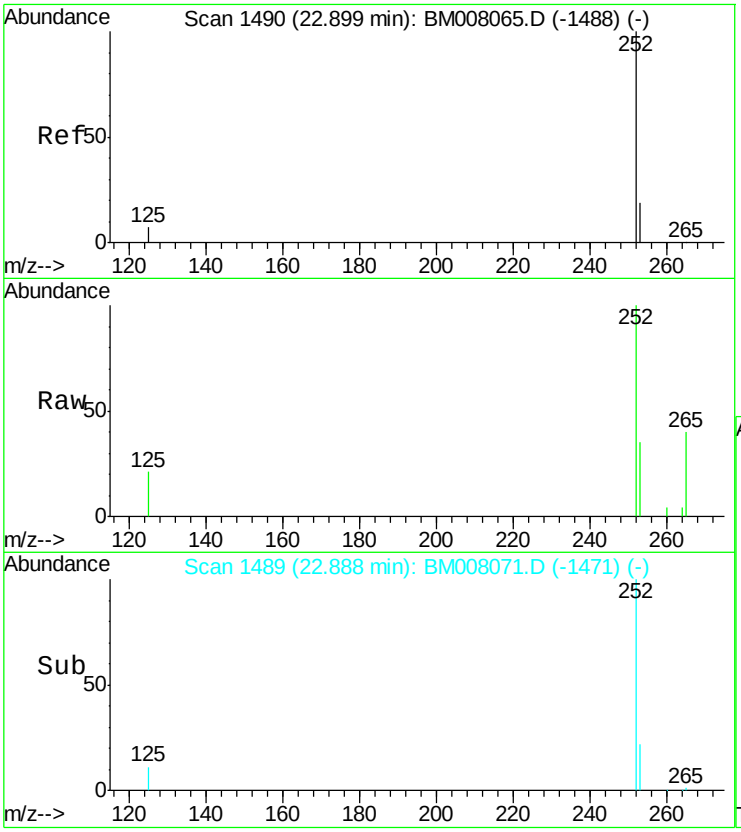


#21
Benzo(b)fluoranthene
Concen: 0.67 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:252 Resp: 6959

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	64.2
125	17.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:252 Resp: 2534

Ion	Ratio	Lower	Upper
252	100		
253	35.1	24.5	36.7
125	20.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
A4WC8

Manual Integrations APPROVED
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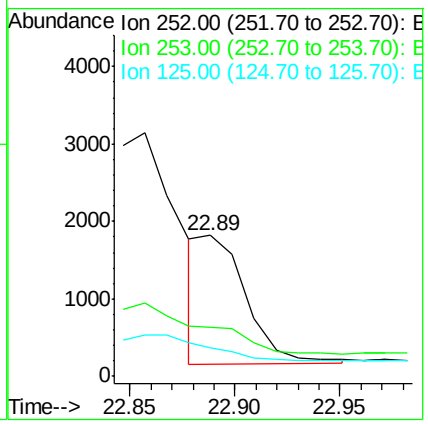
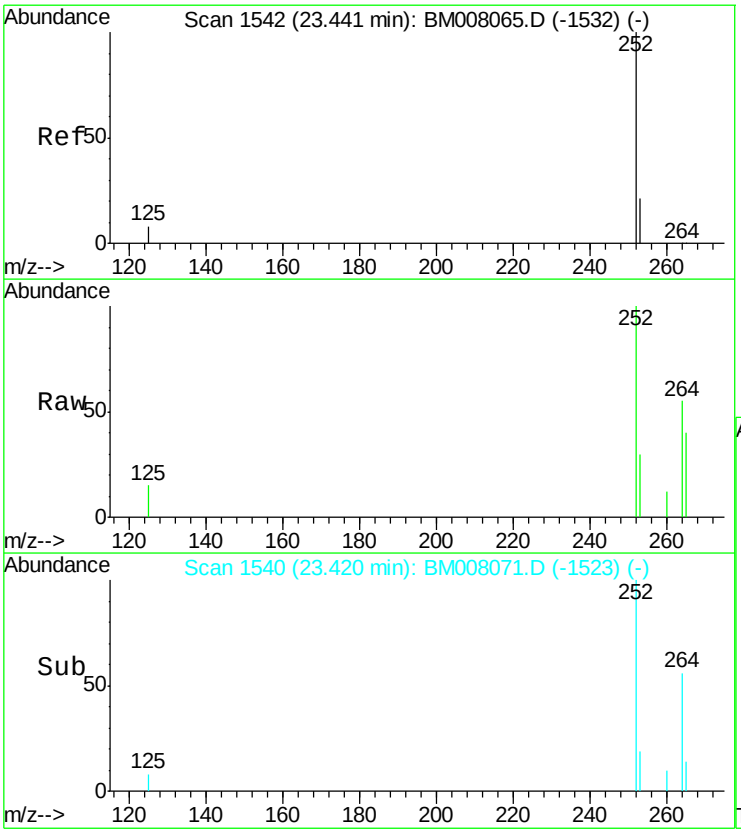
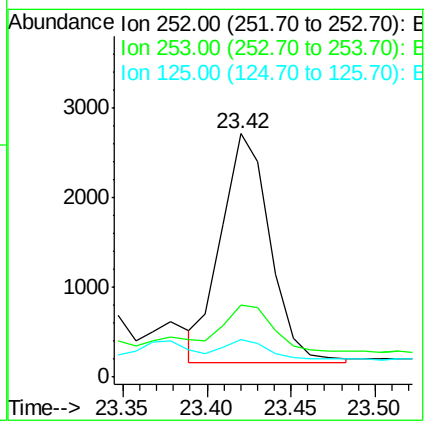


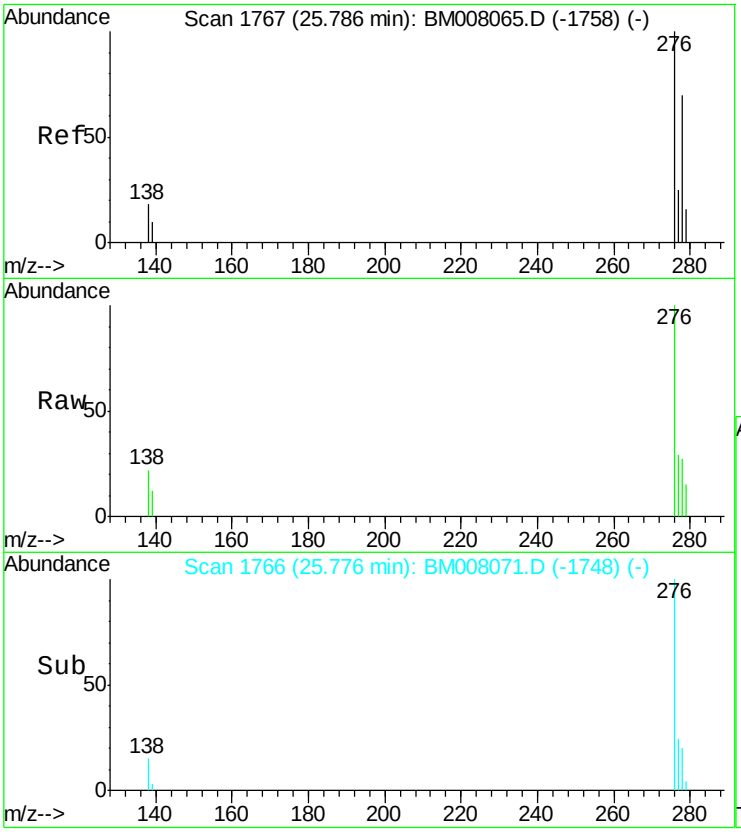


#23
Benzo(a)pyrene
Concen: 0.53 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:252 Resp: 5167

Ion	Ratio	Lower	Upper
252	100		
253	29.7	28.5	42.7
125	15.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:276 Resp: 3515

Ion	Ratio	Lower	Upper
276	100		
138	37.1	19.1	28.7#
277	39.1	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
A4WC8

Manual Integrations APPROVED
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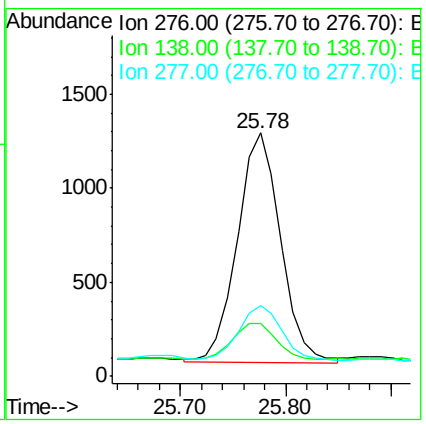
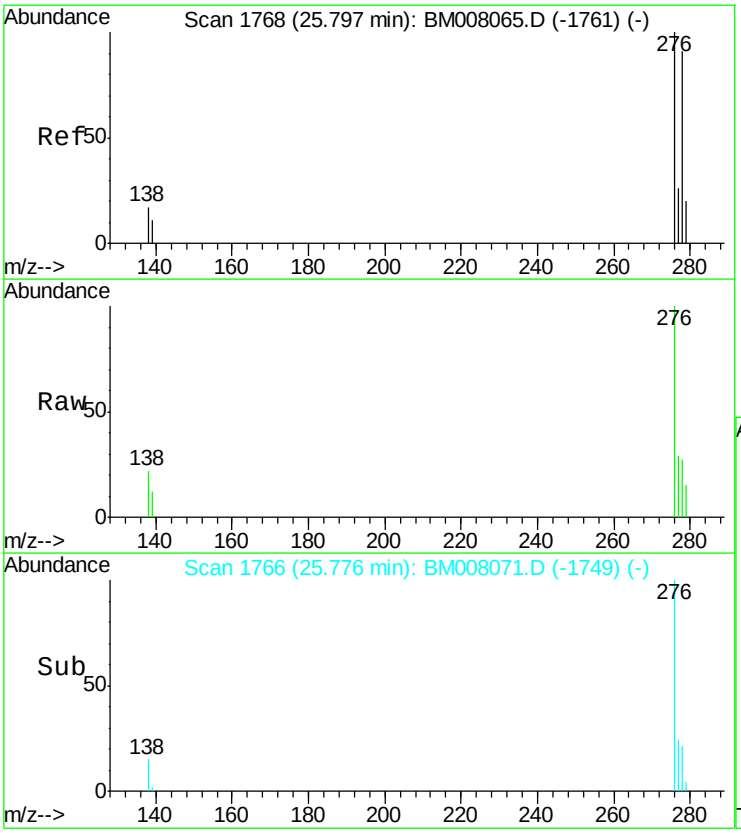
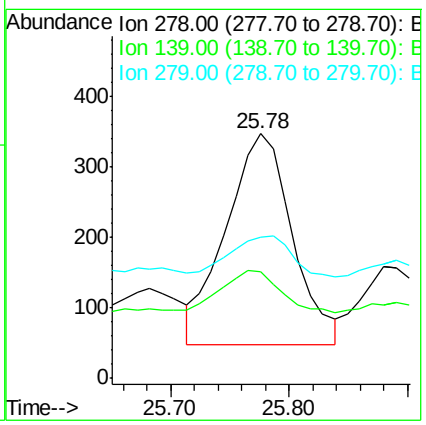


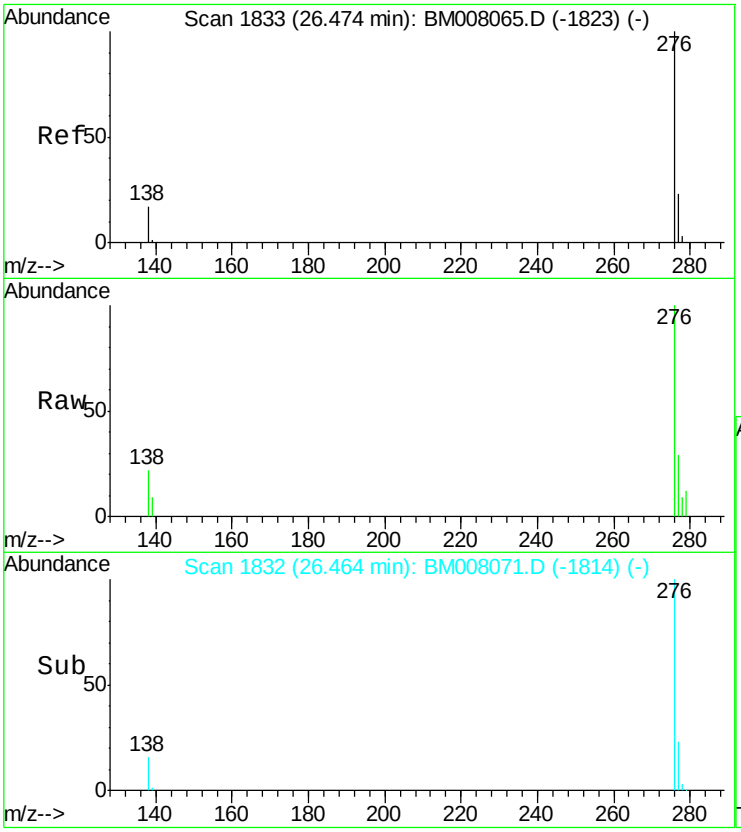


#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:278 Resp: 1171

Ion	Ratio	Lower	Upper
278	100		
139	43.5	17.4	26.0#
279	57.6	25.9	38.9#

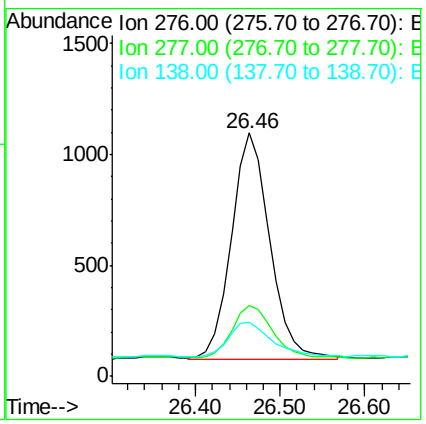




#26
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul m
RT: 26.46 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM008071.D
Acq: 24 Nov 2016 13:18

Tgt Ion:276 Resp: 3214

Ion	Ratio	Lower	Upper
276	100		
277	29.2	21.8	32.8
138	22.0	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
A4WC8

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