Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008469.D
Acq On : 20 Dec 2016 07:46
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA850

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Quant Time: Dec 20 14:06:33 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	7.65	152	537	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.42	136	2085	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	1990m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	16.99	188	21352	0.40	ng/ul	-0.10
16) Chrysene-d12	21.25	240	2479m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1601m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	943	0.29	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	20506m	0.35	ng/ul	-0.03
Target Compounds						Qvalue
3) Naphthalene	10.46	128	39067	6.66	ng/ul	97
5) 2-Methylnaphthalene	12.09	142	86329	21.87	ng/ul	98
8) Acenaphthene	14.35	153	7375	1.09	ng/ul	92
9) Fluorene	15.34	166	16756m	2.17	ng/ul	
12) Phenanthrene	17.09	178	60789	0.93	ng/ul#	92
13) Anthracene	17.18	178	13377m	0.21	ng/ul	
15) Fluoranthene	19.12	202	28256m	0.35	ng/ul	
17) Pyrene	19.48	202	36743m	3.83	ng/ul	
18) Benzo(a)anthracene	21.23	228	12755m	1.57	ng/ul	
19) Chrysene	21.28	228	14298m	1.60	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	12913	2.05	ng/ul#	75
22) Benzo(k)fluoranthene	22.84	252	4507m	0.73	ng/ul	
23) Benzo(a)pyrene	23.38	252	11649m	1.99	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	9342m	1.34	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	9100m	1.52	ng/ul	

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

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BNA_M
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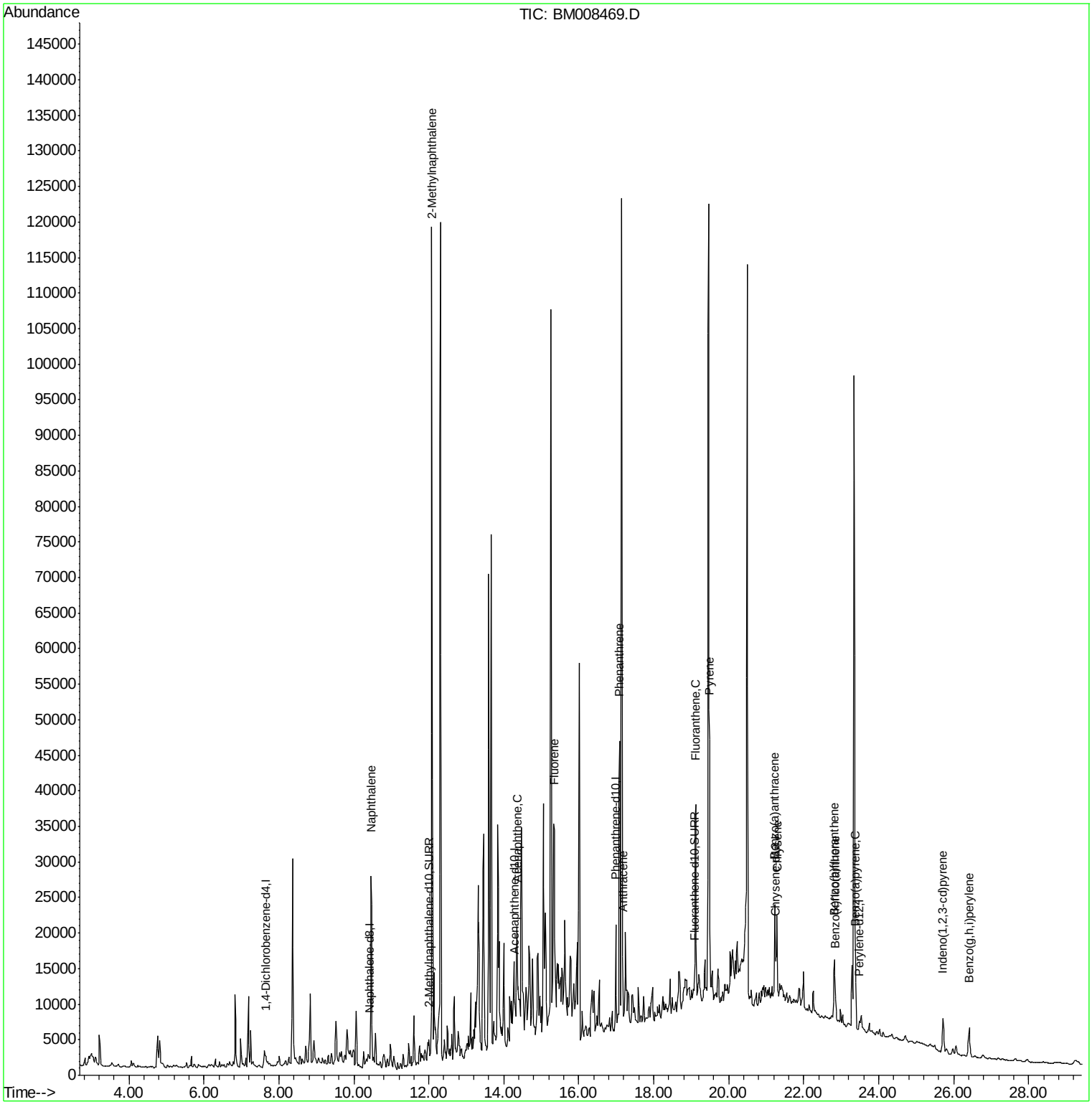
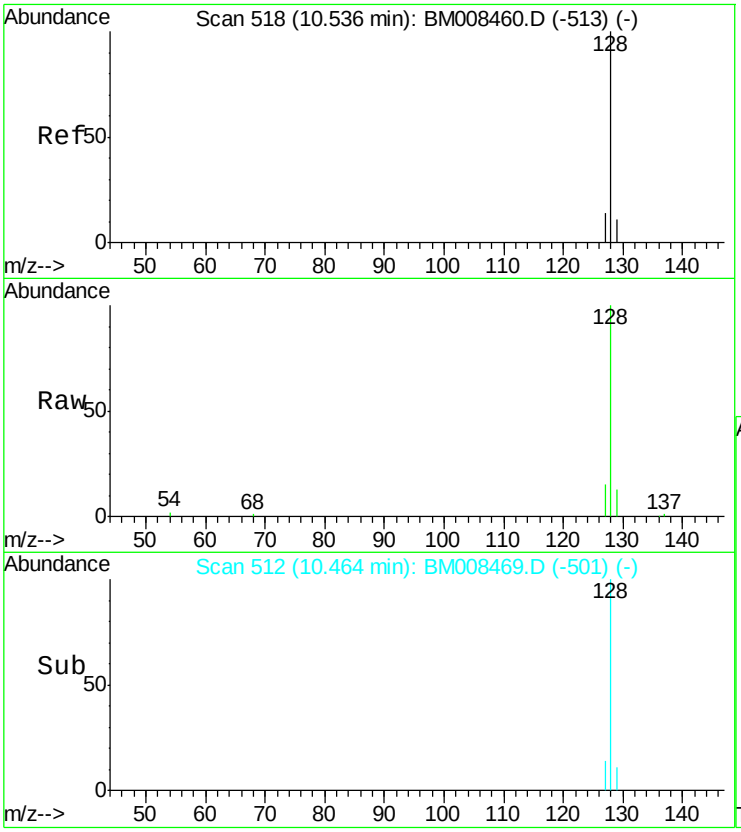
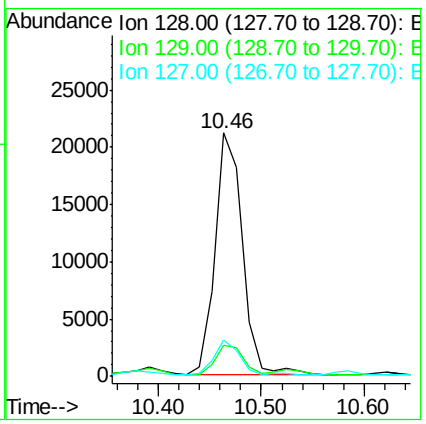




#3
Naphthalene
Concen: 6.66 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.07 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:128 Resp: 39067

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	14.8	12.8	19.2



Instrument :
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ClientSampleId :
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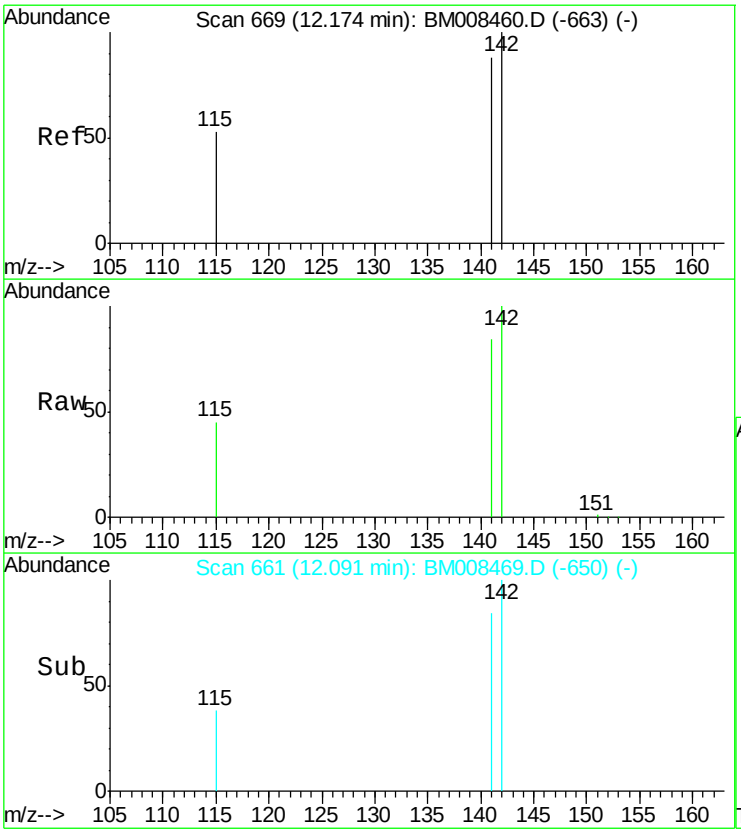
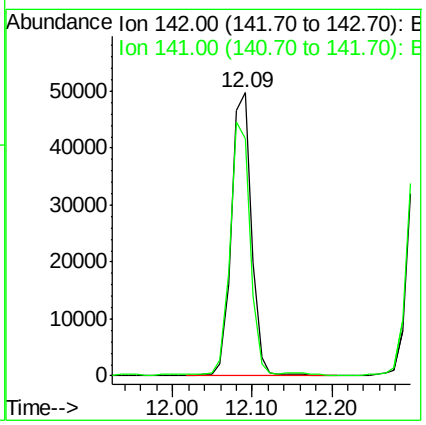
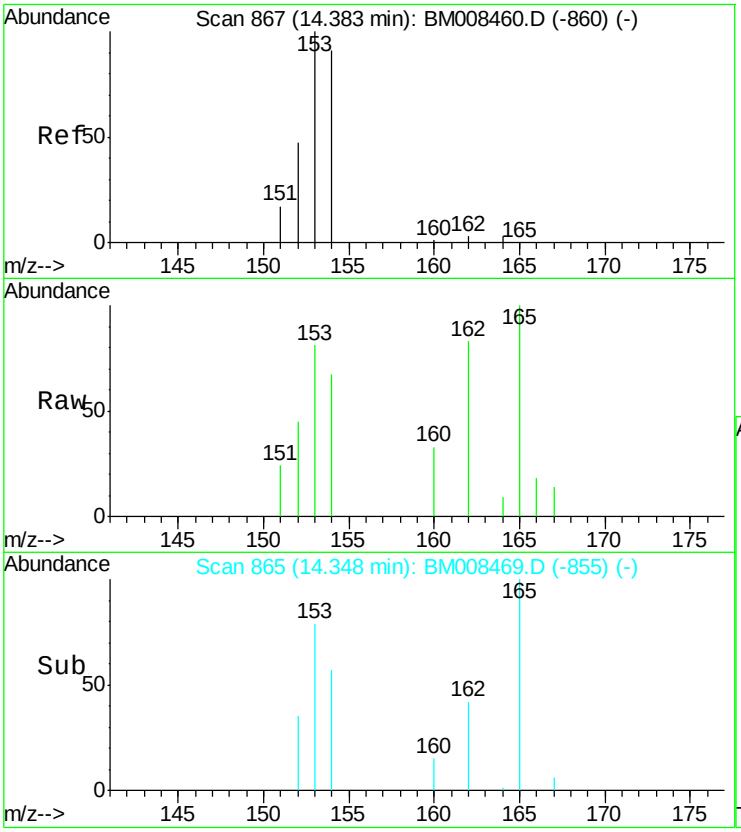


#5
2-Methylnaphthalene
Concen: 21.87 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.08 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:142 Resp: 86329

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8

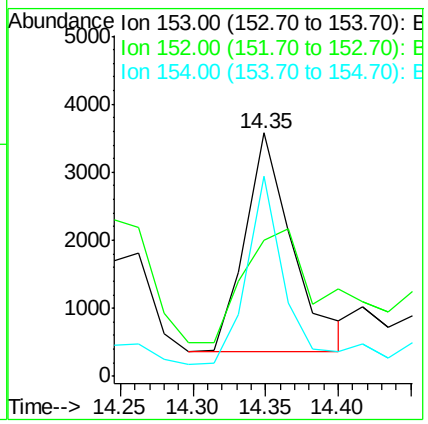




#8
Acenaphthene
Concen: 1.09 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:153 Resp: 7375

Ion	Ratio	Lower	Upper
153	100		
152	56.0	40.3	60.5
154	82.3	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA850

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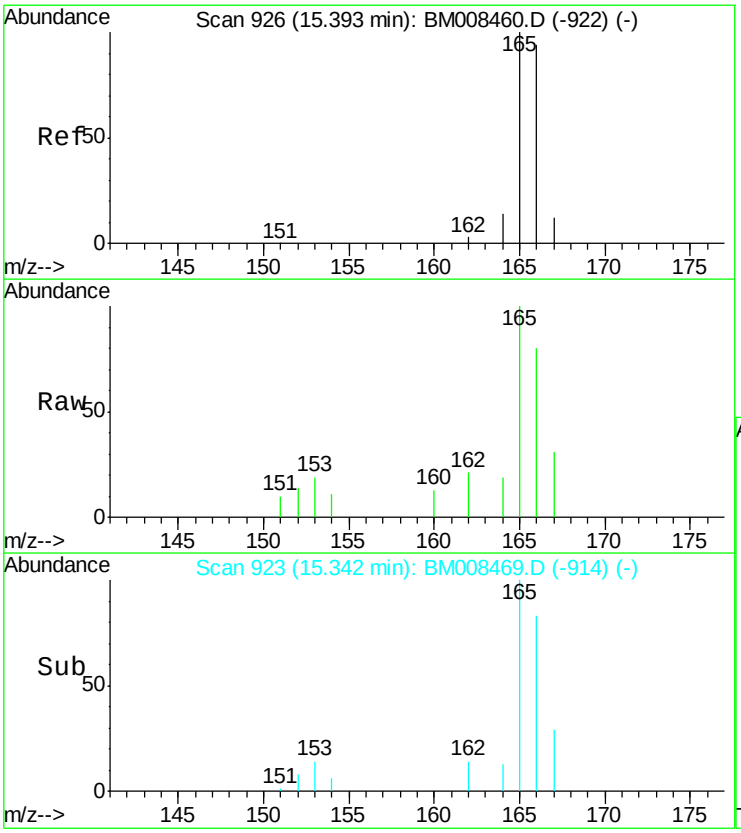
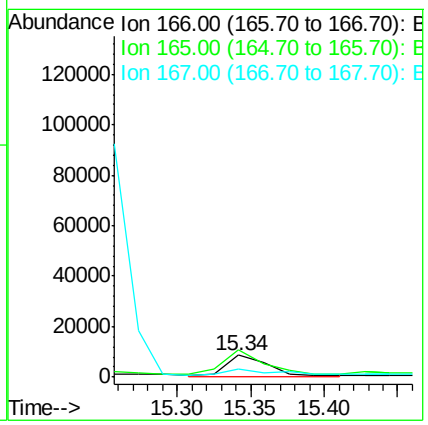
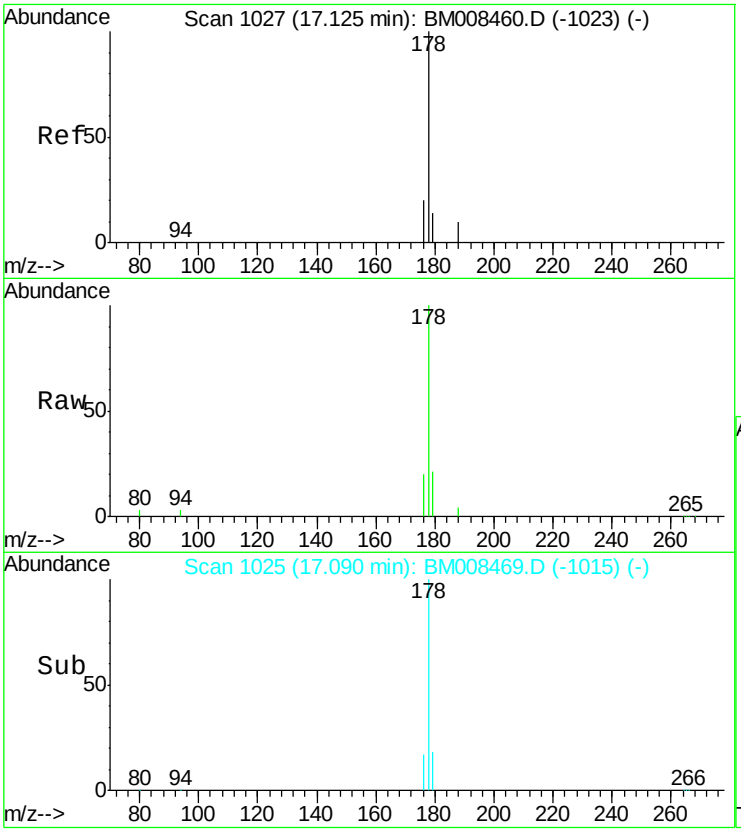


#9
Fluorene
Concen: 2.17 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:166 Resp: 16756

Ion	Ratio	Lower	Upper
166	100		
165	125.4	73.4	110.2#
167	38.4	14.6	22.0#

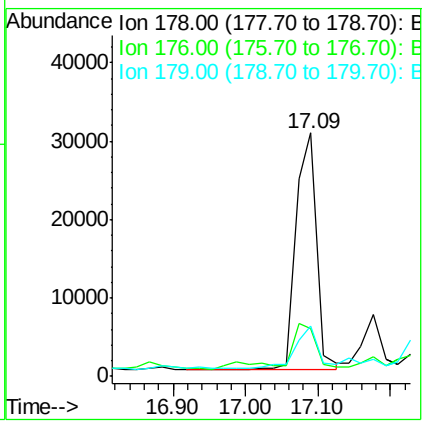




#12
Phenanthrene
Concen: 0.93 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:178 Resp: 60789

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.4	27.6
179	20.8	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA850

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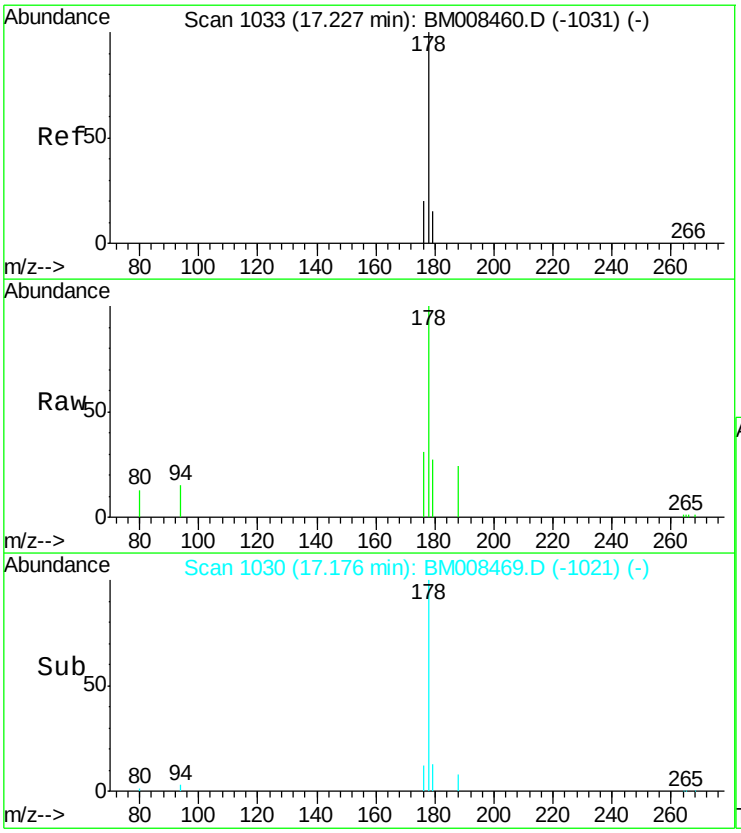
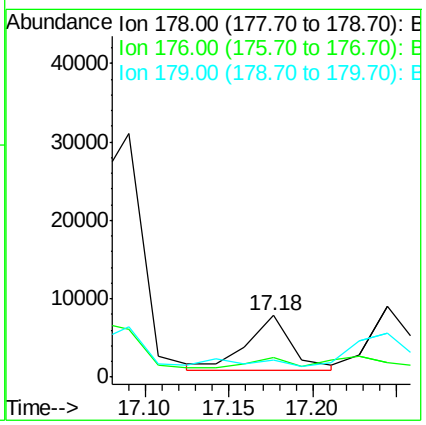
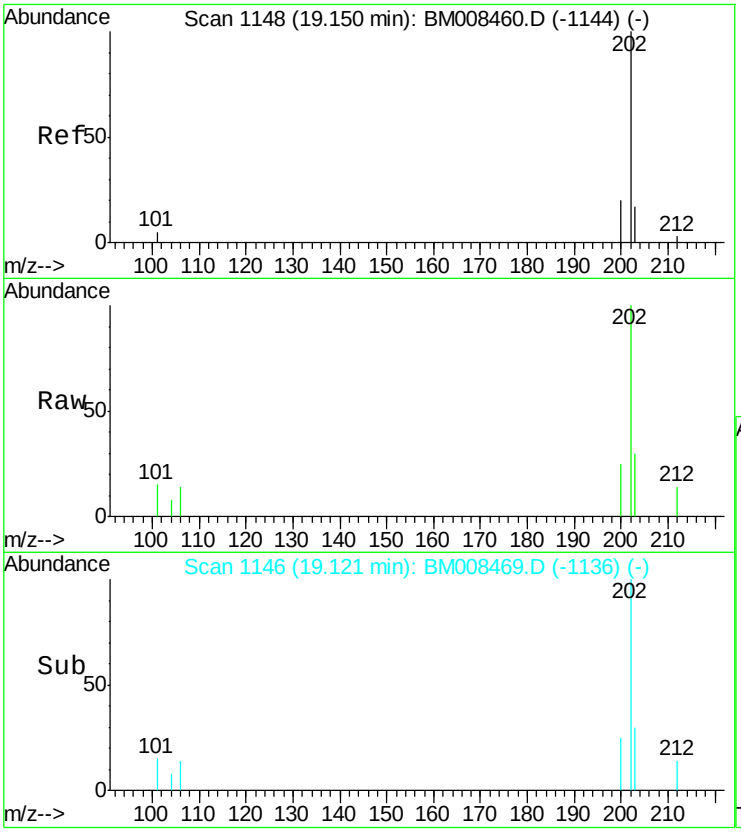


#13
Anthracene
Concen: 0.21 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:178 Resp: 13377

Ion	Ratio	Lower	Upper
178	100		
176	31.2	18.1	27.1#
179	27.0	14.7	22.1#

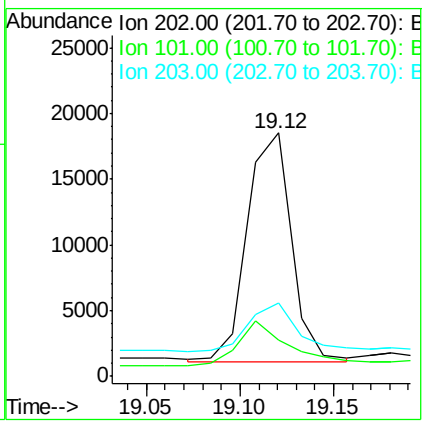




#15
Fluoranthene
Concen: 0.35 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:202 Resp: 28256

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	30.3
203	30.0	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA850

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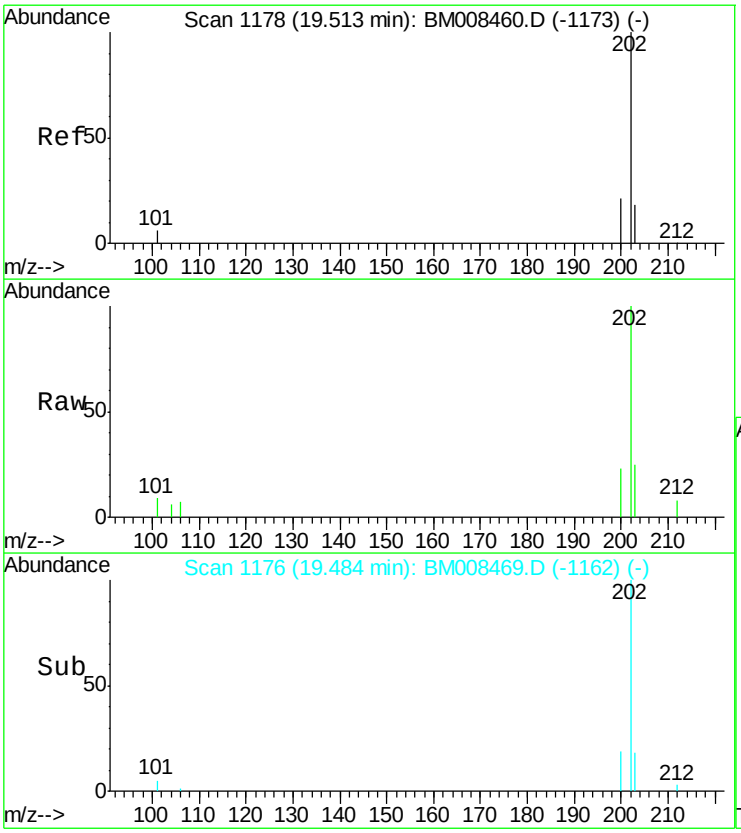
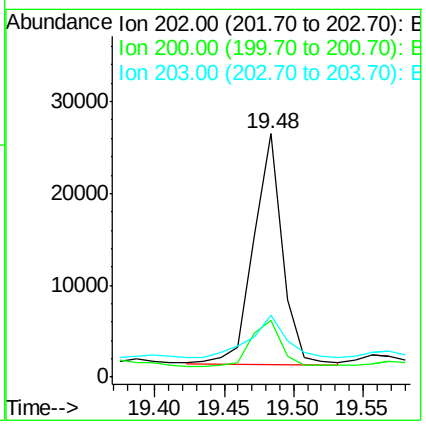
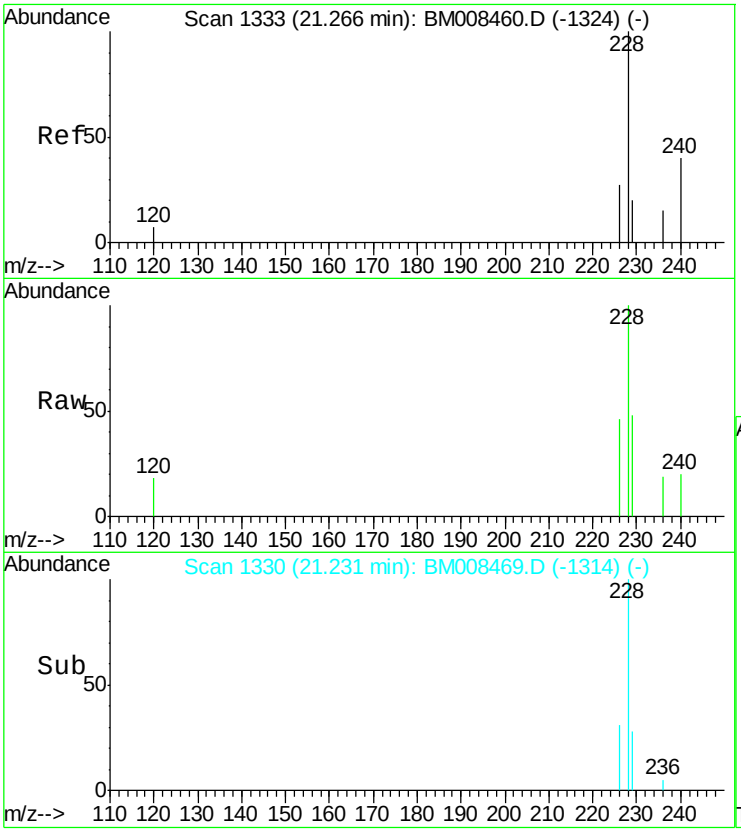


#17
Pyrene
Concen: 3.83 ng/ul m
RT: 19.48 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:202 Resp: 36743

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.4
203	25.3	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 1.57 ng/ul m
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:228 Resp: 12755

Ion	Ratio	Lower	Upper
228	100		
226	45.7	22.8	34.2#
229	47.7	17.0	25.6#

Instrument :
BNA_M
ClientSampleId :
DA850

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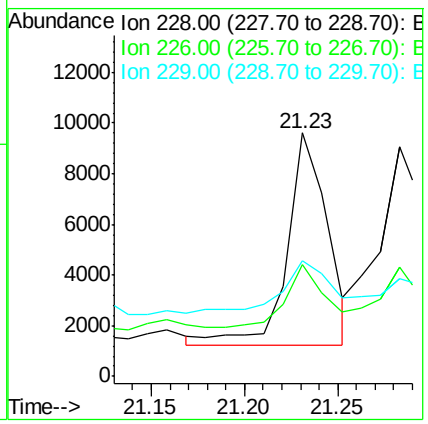
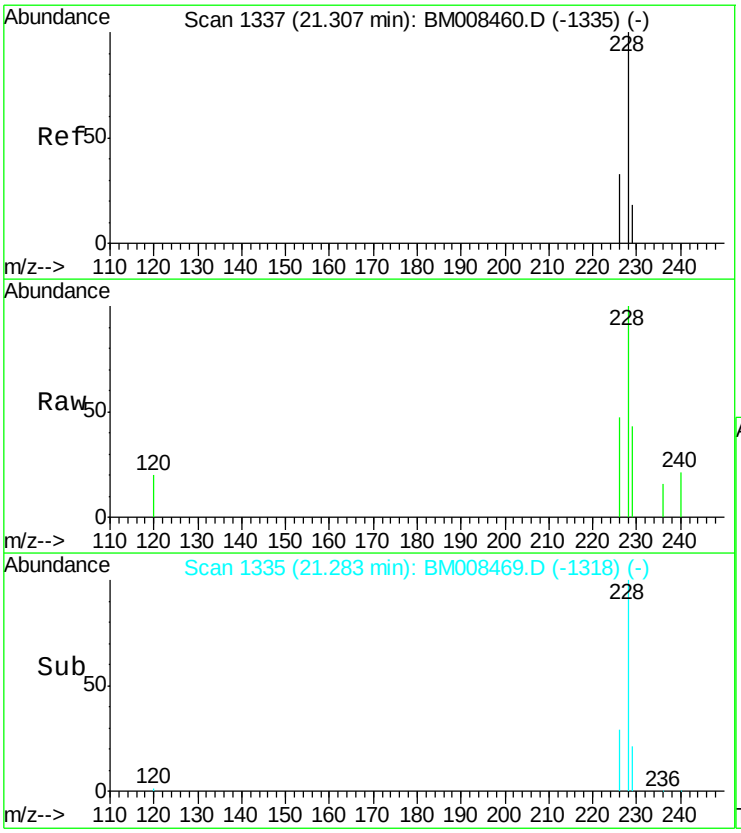
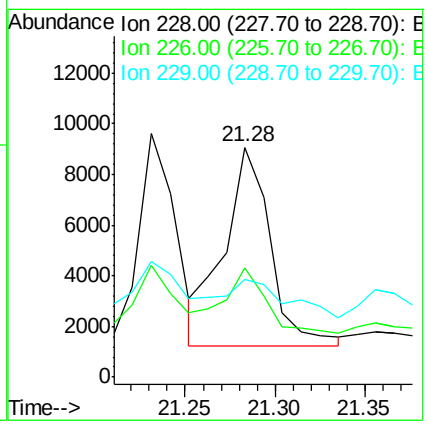


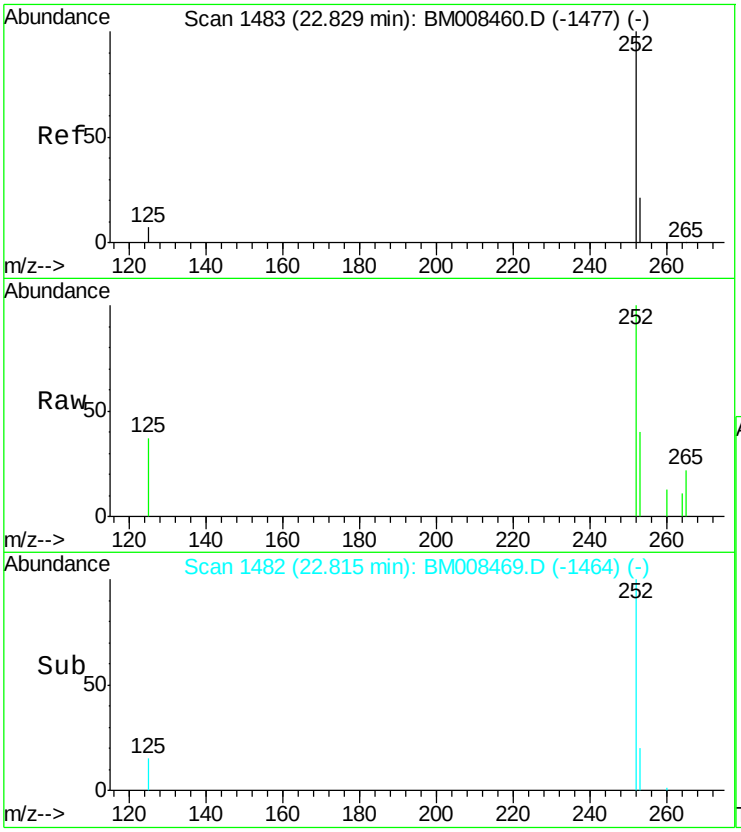


#19
Chrysene
Concen: 1.60 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:228 Resp: 14298

Ion	Ratio	Lower	Upper
228	100		
226	47.4	23.4	35.0#
229	42.5	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 2.05 ng/ul
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:252 Resp: 12913

Ion	Ratio	Lower	Upper
252	100		
253	40.0	0.0	64.2
125	37.4	0.0	35.0#

Instrument :
BNA_M
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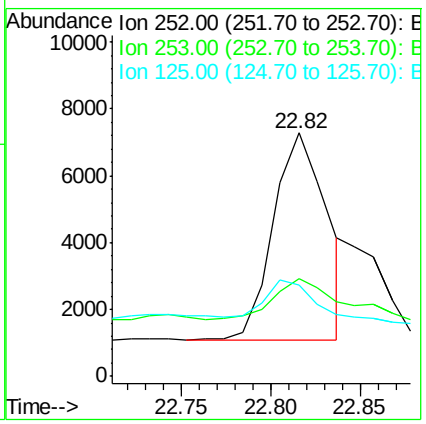
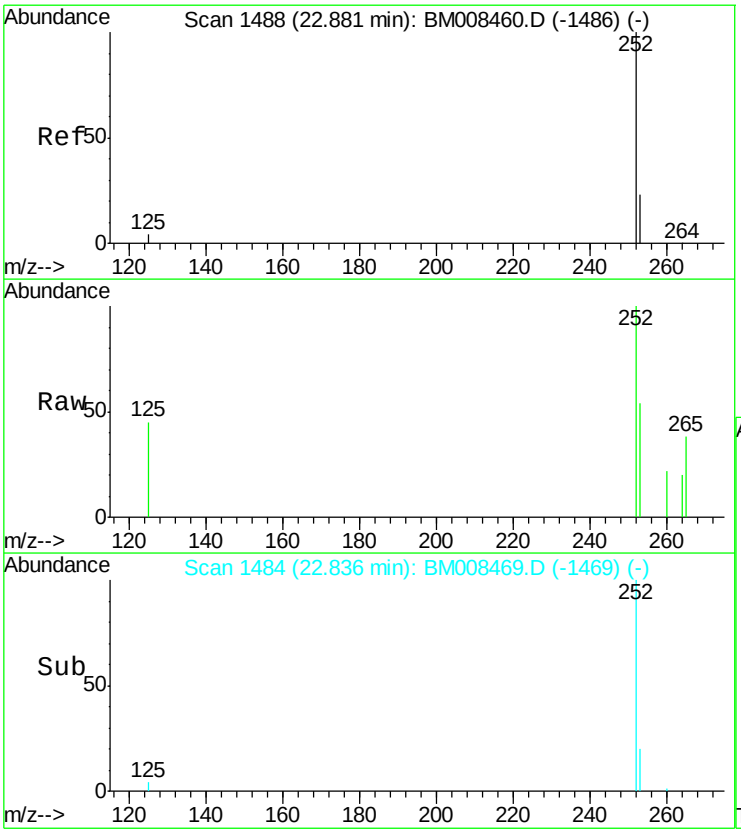
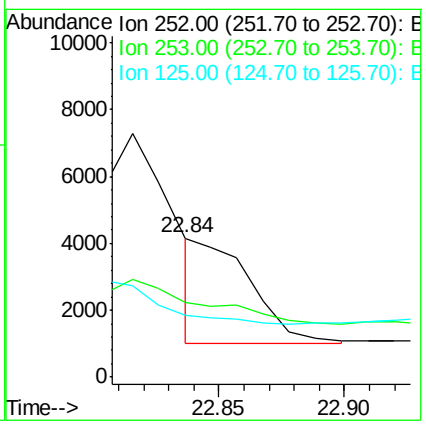


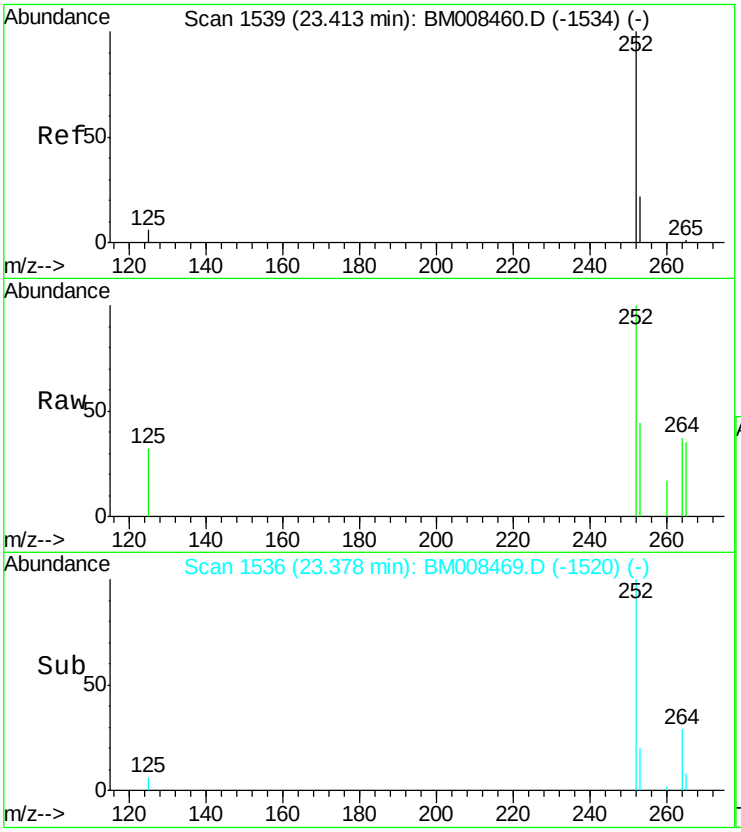


#22
Benzo(k)fluoranthene
Concen: 0.73 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.04 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:252 Resp: 4507

Ion	Ratio	Lower	Upper
252	100		
253	53.5	24.5	36.7#
125	44.8	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 1.99 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:252 Resp: 11649

Ion	Ratio	Lower	Upper
252	100		
253	44.2	28.5	42.7#
125	32.5	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
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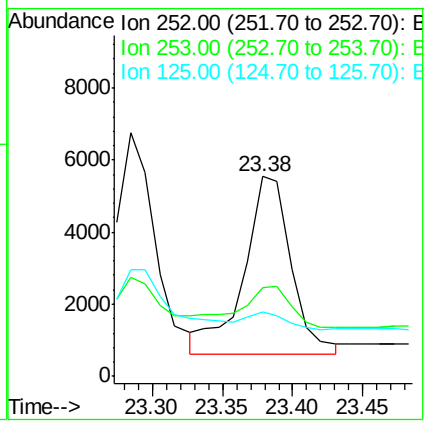
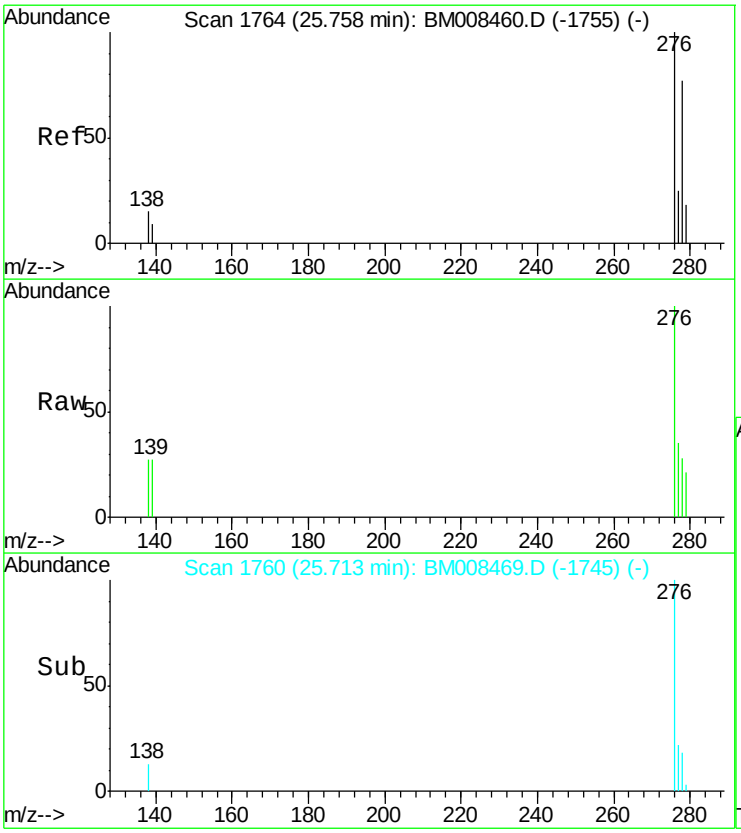
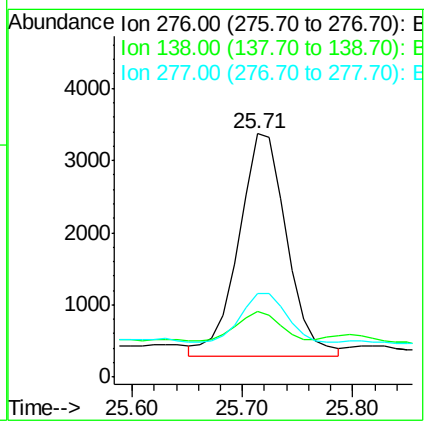


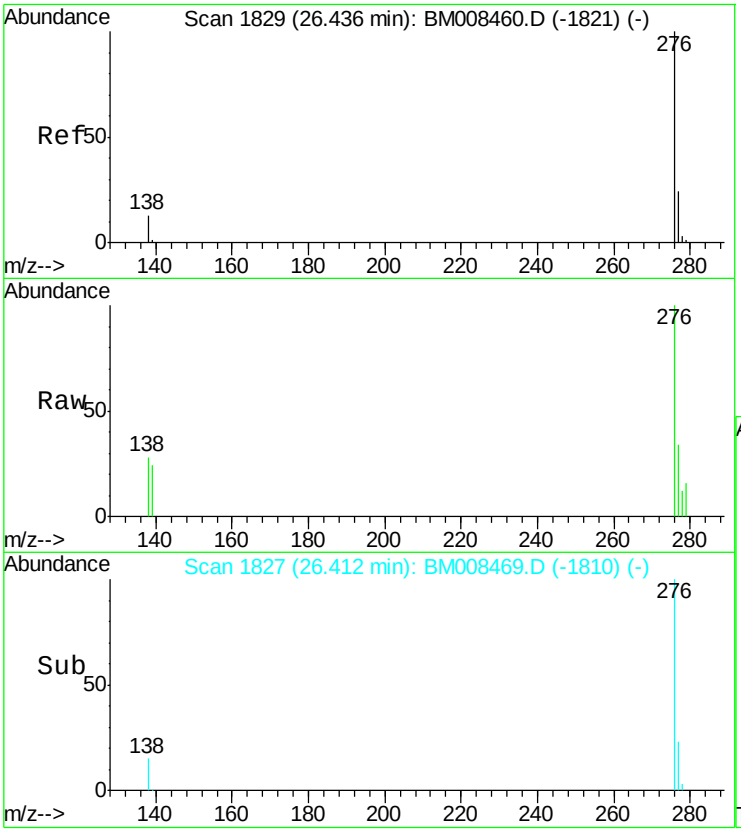


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.34 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:276 Resp: 9342

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	55.8	19.6	29.4#

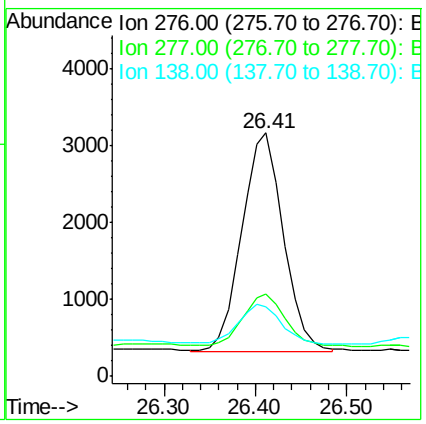




#26
Benzo(g,h,i)perylene
Concen: 1.52 ng/ul m
RT: 26.41 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM008469.D
Acq: 20 Dec 2016 07:46

Tgt Ion:276 Resp: 9100

Ion	Ratio	Lower	Upper
276	100		
277	34.0	21.8	32.8#
138	28.4	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DA850

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