Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008452.D
Acq On : 19 Dec 2016 21:37
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA827

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Quant Time: Dec 20 12:30:39 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	375	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1319	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1223	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1775m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1596	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1089m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	508	0.25	ng/ul	-0.08
14) Fluoranthene-d10	19.10	212	1120	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.48	128	40039	10.79	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	71097	28.46	ng/ul	100
8) Acenaphthene	14.35	153	5789	1.39	ng/ul	96
9) Fluorene	15.34	166	12786	2.69	ng/ul#	73
12) Phenanthrene	17.09	178	6246m	1.15	ng/ul	
15) Fluoranthene	19.12	202	1308	0.20	ng/ul	84
17) Pyrene	19.48	202	1649	0.27	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	507	0.10	ng/ul#	51
19) Chrysene	21.29	228	929	0.16	ng/ul#	74
21) Benzo(b)fluoranthene	22.82	252	1473m	0.34	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	314m	0.08	ng/ul	
23) Benzo(a)pyrene	23.38	252	564m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	593m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	684m	0.17	ng/ul	

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

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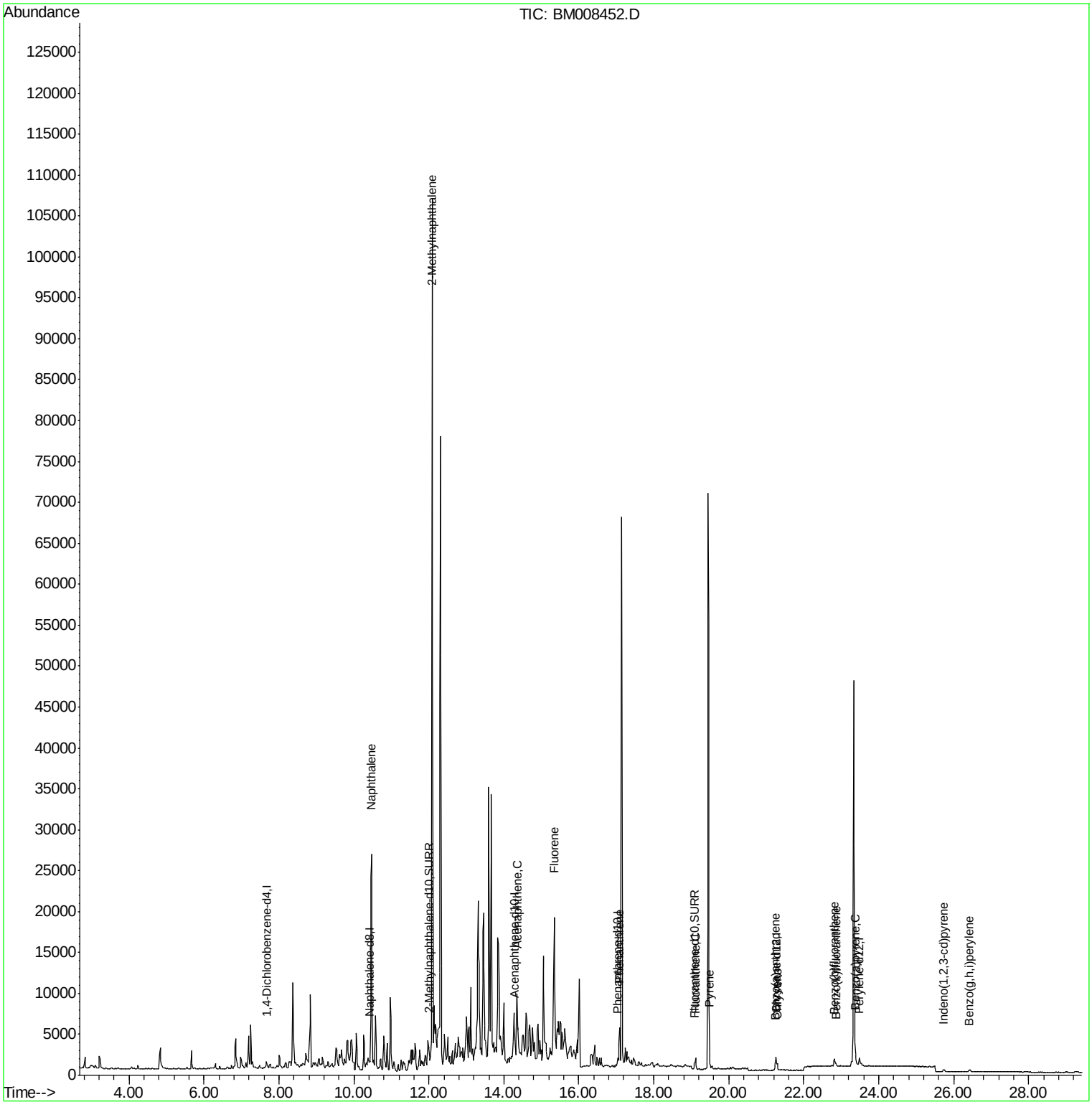
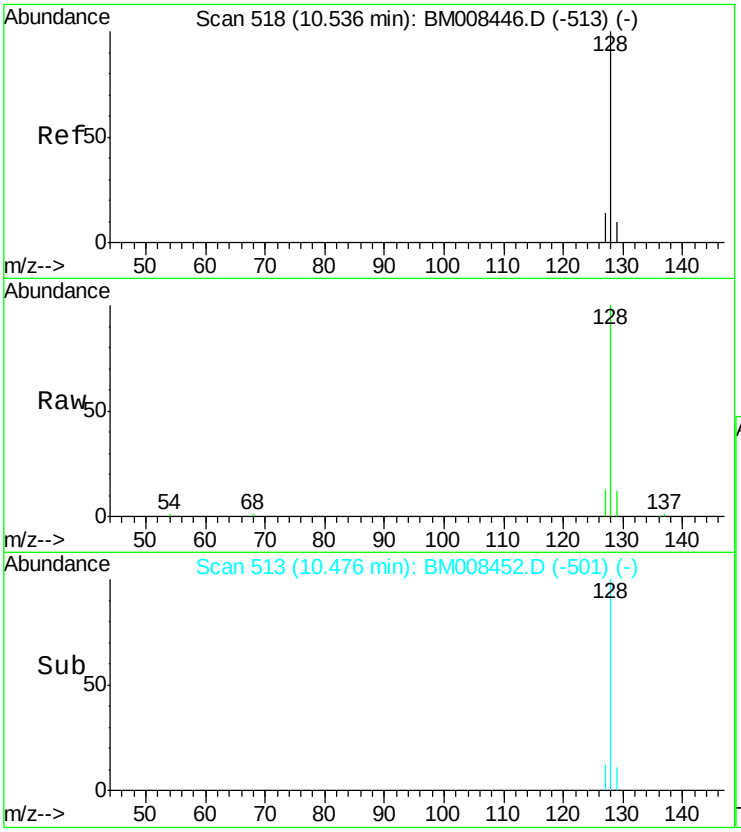
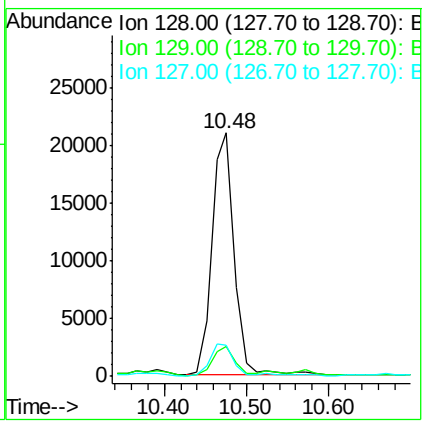




#3
Naphthalene
Concen: 10.79 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.06 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:128 Resp: 40039

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	12.9	12.8	19.2



Instrument :
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ClientSampleId :
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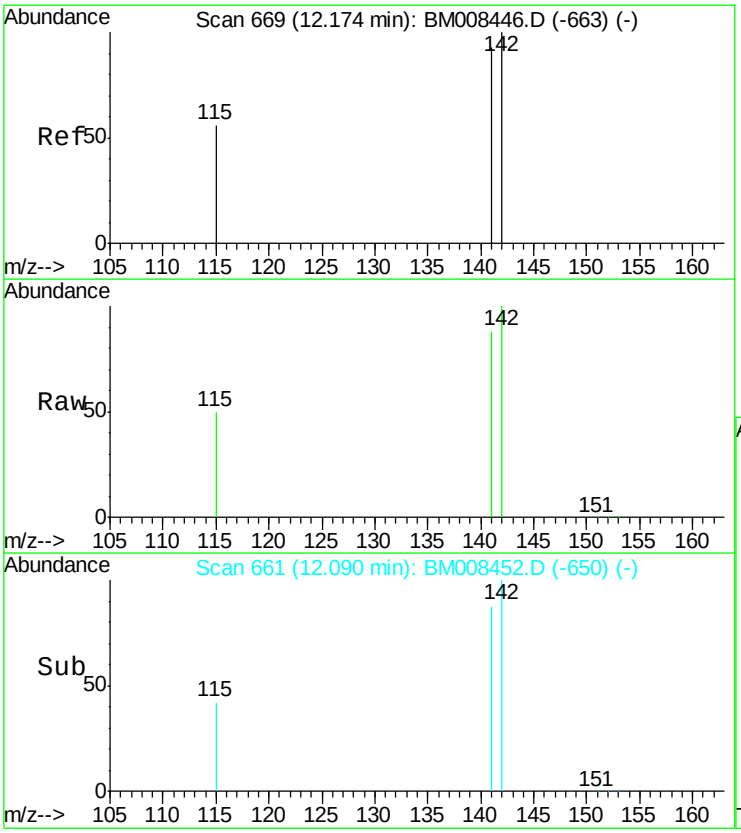
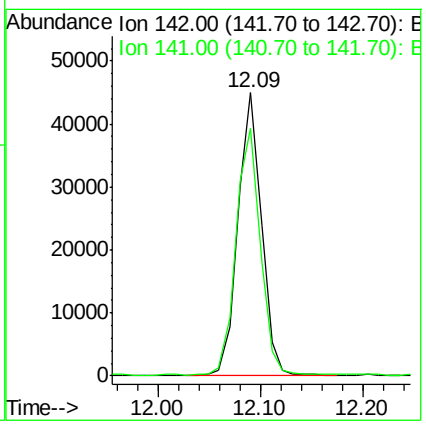
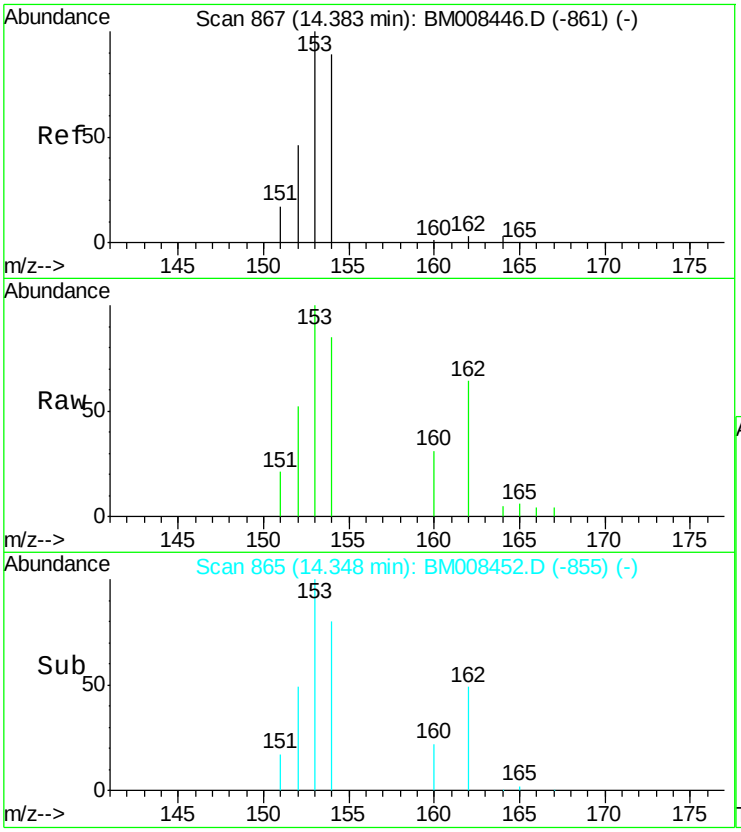


#5
2-Methylnaphthalene
Concen: 28.46 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.08 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:142 Resp: 71097

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8

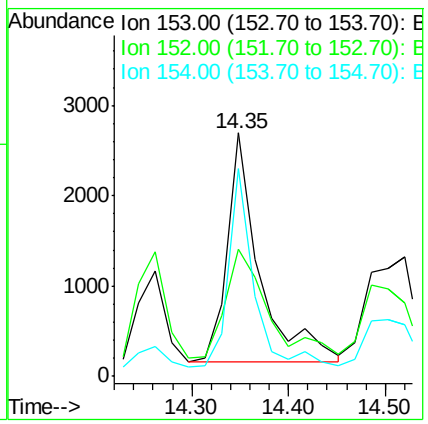




#8
Acenaphthene
Concen: 1.39 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:153 Resp: 5789

Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.3	60.5
154	85.3	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA827

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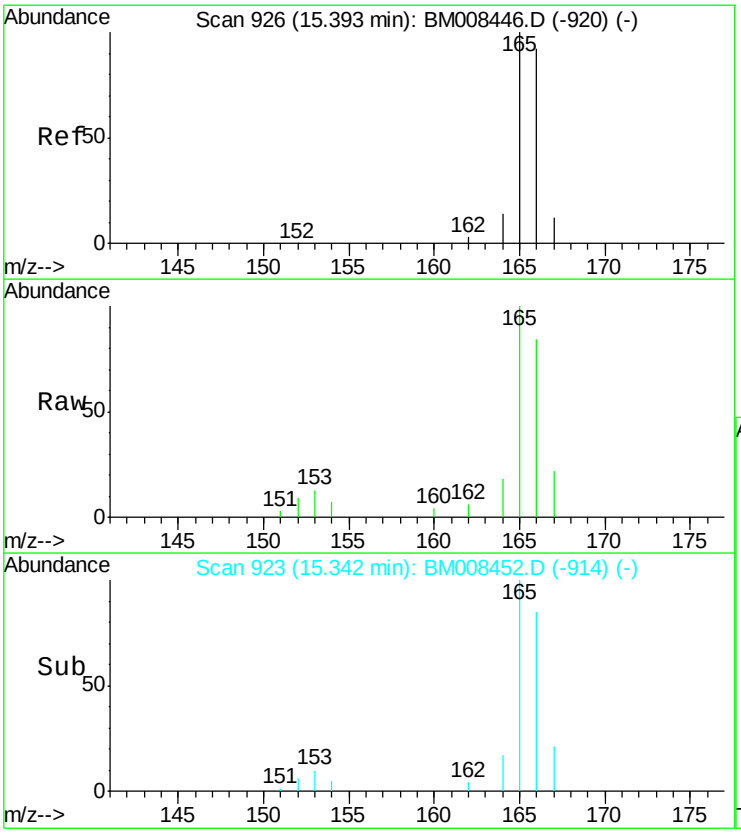
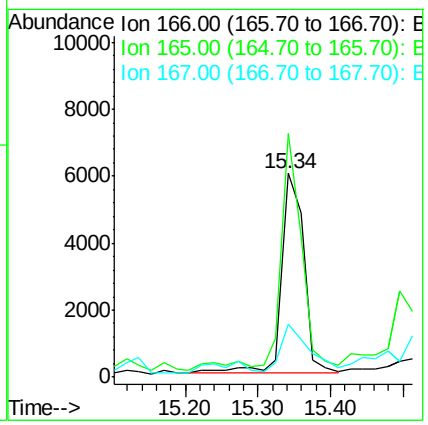
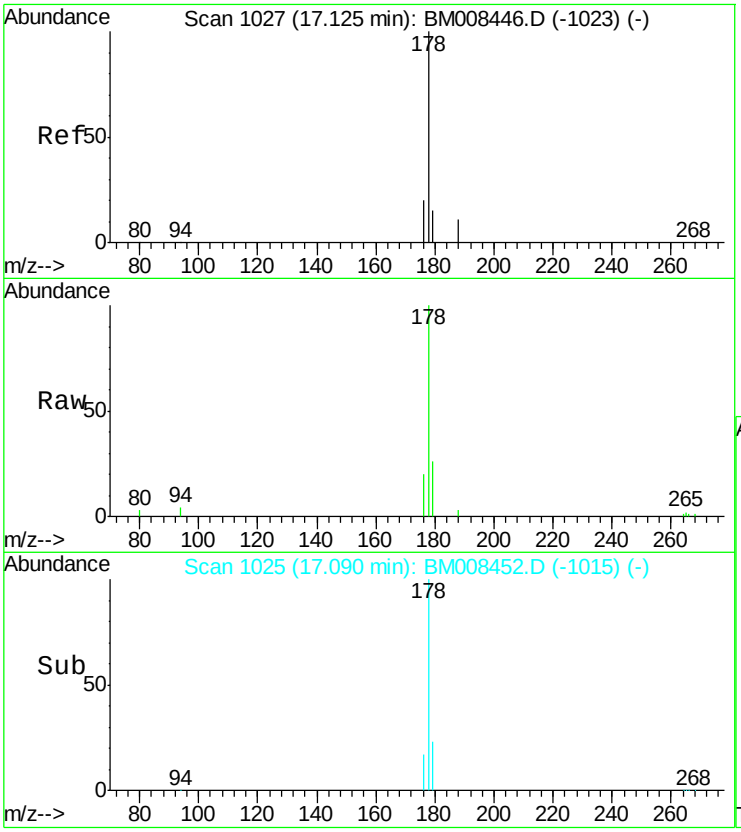


#9
Fluorene
Concen: 2.69 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:166 Resp: 12786

Ion	Ratio	Lower	Upper
166	100		
165	119.6	73.4	110.2#
167	25.9	14.6	22.0#

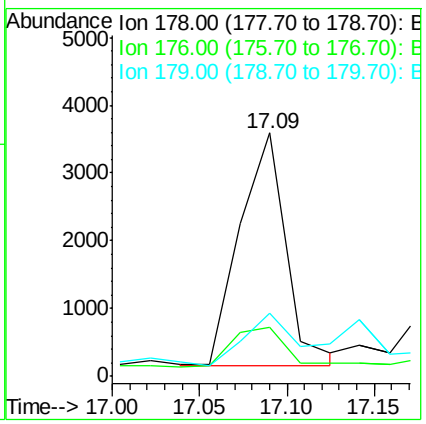




#12
Phenanthrene
Concen: 1.15 ng/ul m
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:178 Resp: 6246

Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.4	27.6
179	26.1	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA827

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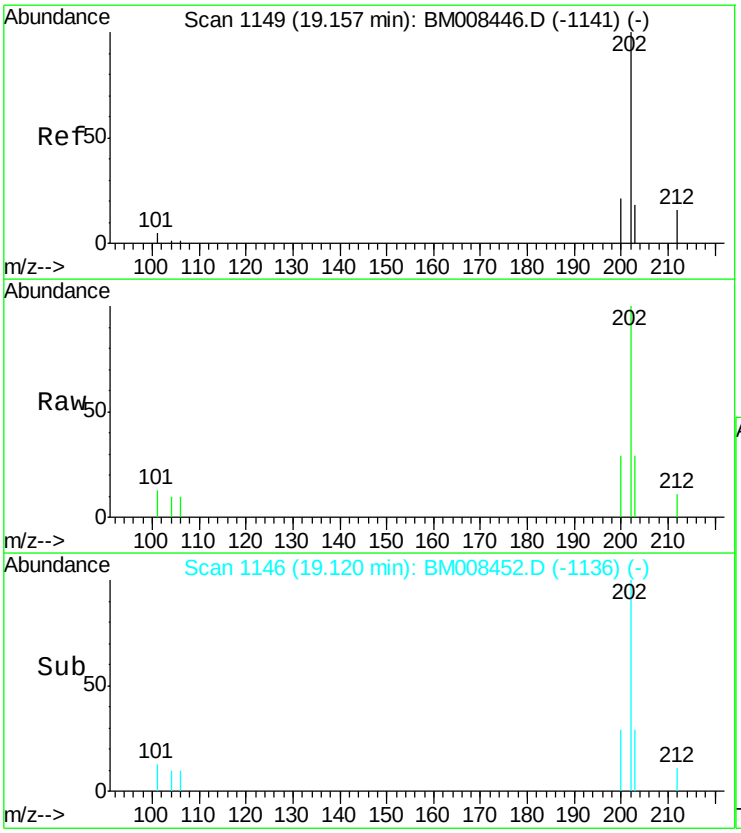
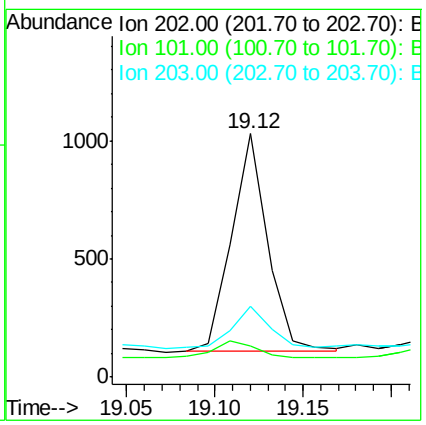
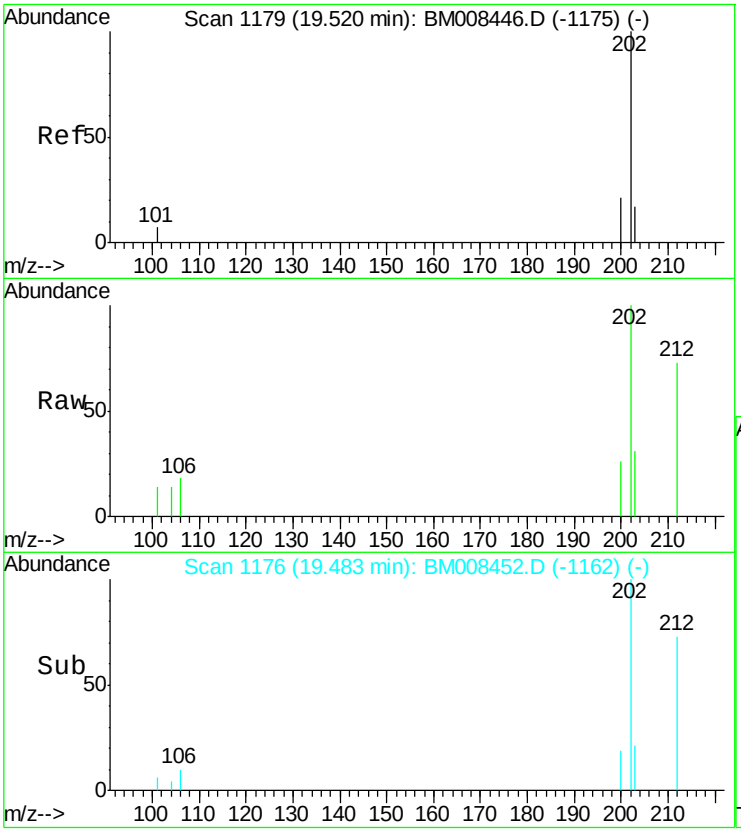


#15
Fluoranthene
Concen: 0.20 ng/ul
RT: 19.12 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:202 Resp: 1308

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.3
203	28.8	0.0	39.5

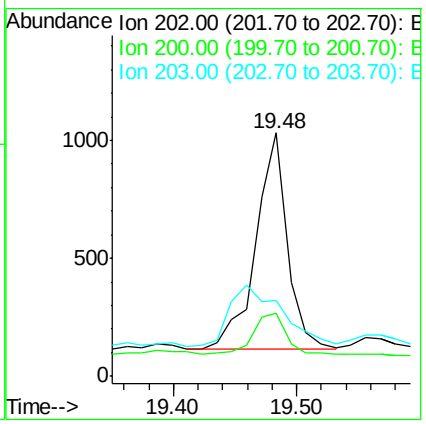




#17
Pyrene
Concen: 0.27 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:202 Resp: 1649

Ion	Ratio	Lower	Upper
202	100		
200	26.2	18.2	27.4
203	31.1	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA827

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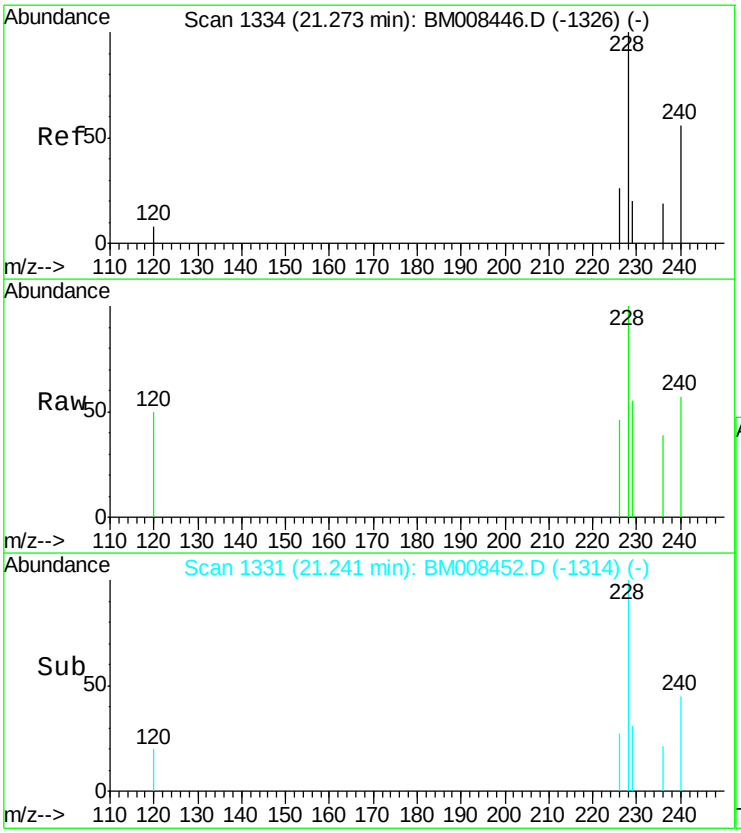
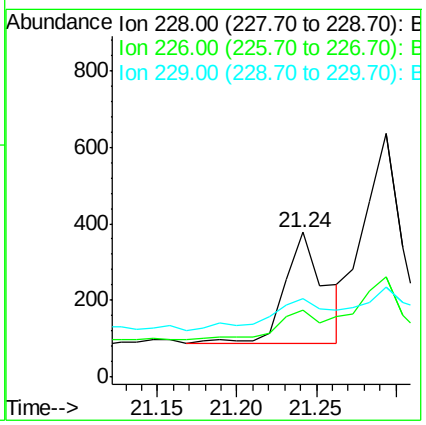
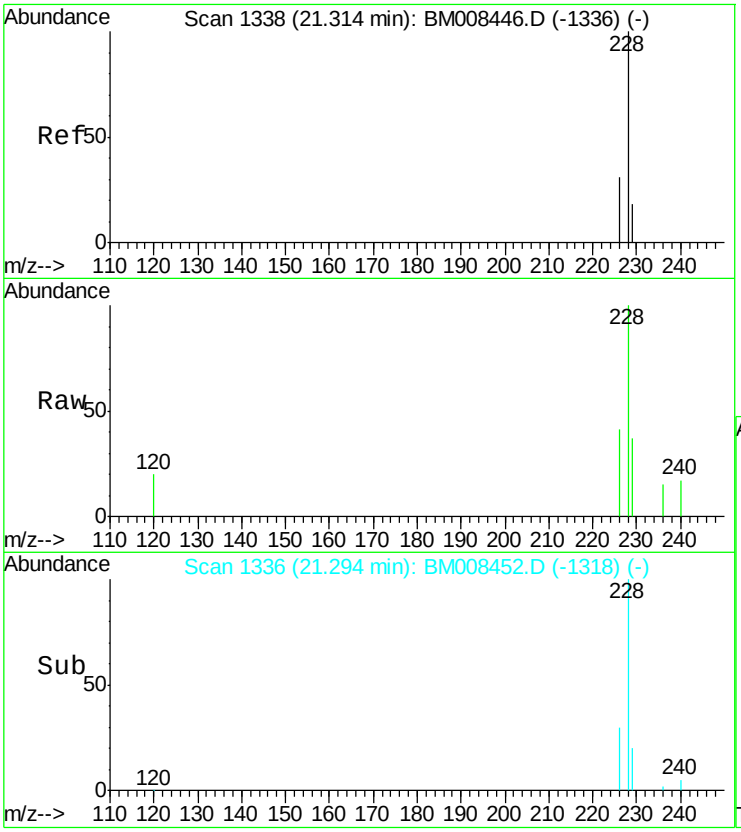


#18
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:228 Resp: 507

Ion	Ratio	Lower	Upper
228	100		
226	46.2	22.8	34.2#
229	54.6	17.0	25.6#

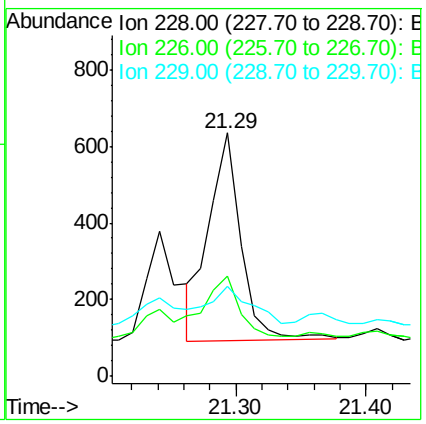




#19
Chrysene
Concen: 0.16 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:228 Resp: 929

Ion	Ratio	Lower	Upper
228	100		
226	40.9	23.4	35.0#
229	37.0	17.7	26.5#



Instrument :
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ClientSampleId :
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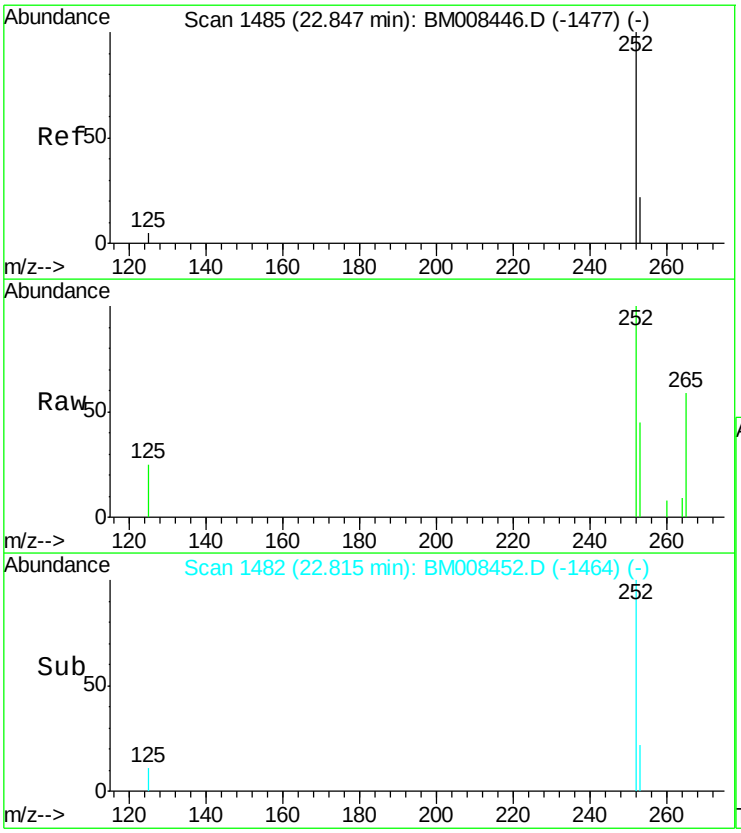
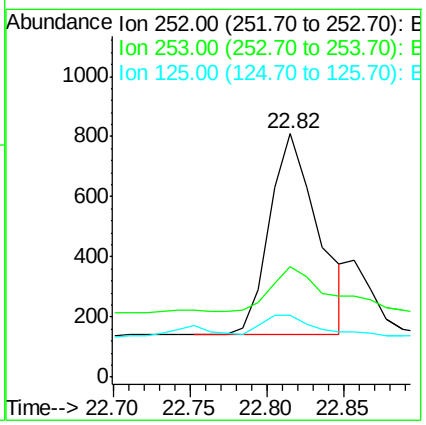
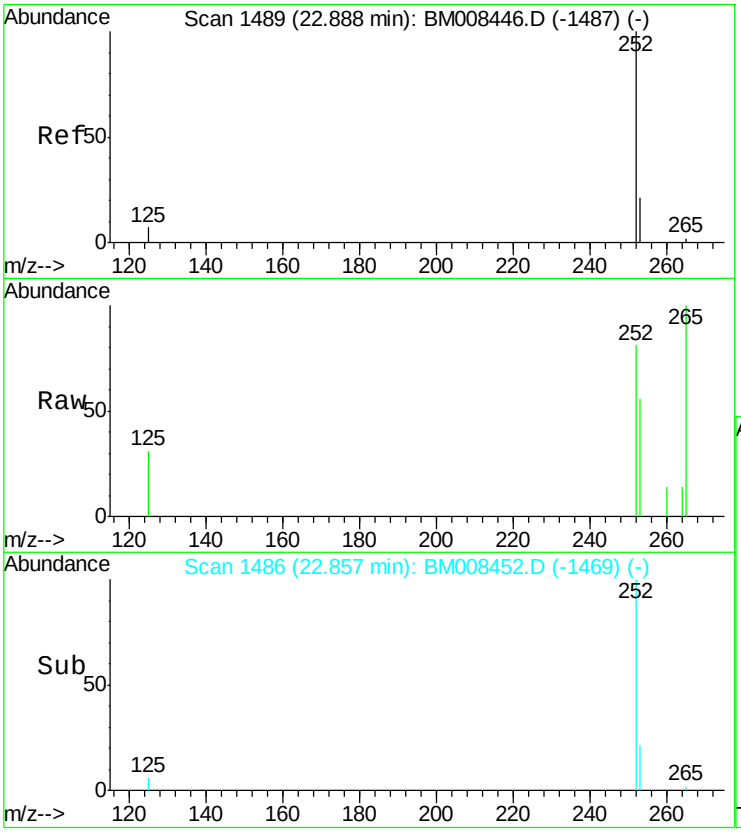


#21
Benzo(b)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:252 Resp: 1473

Ion	Ratio	Lower	Upper
252	100		
253	45.2	0.0	64.2
125	25.2	0.0	35.0

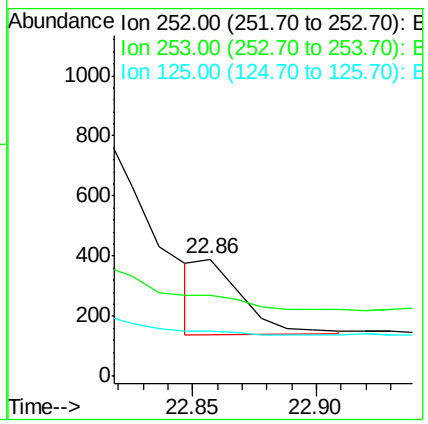




#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:252 Resp: 314

Ion	Ratio	Lower	Upper
252	100		
253	69.1	24.5	36.7#
125	38.1	13.7	20.5#



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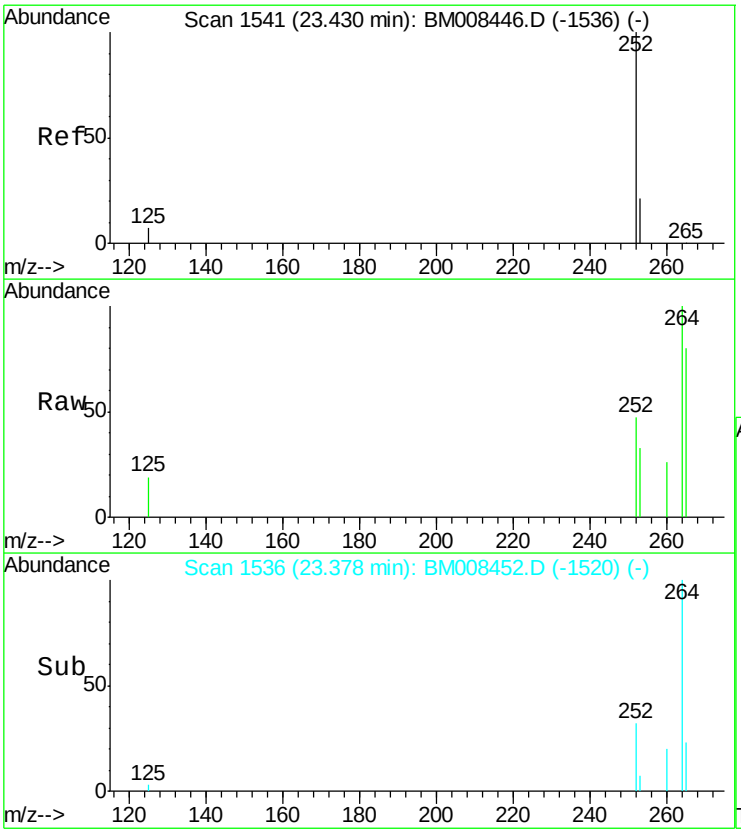
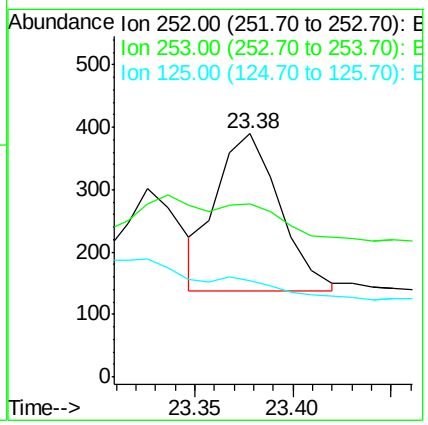
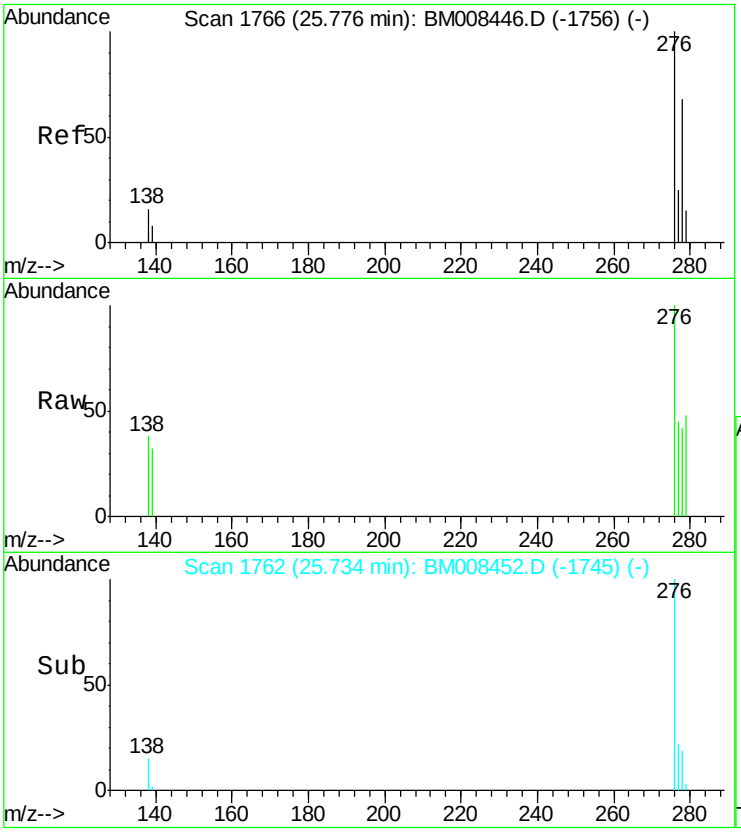


#23
Benzo(a)pyrene
Concen: 0.14 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:252 Resp: 564

Ion	Ratio	Lower	Upper
252	100		
253	71.0	28.5	42.7#
125	39.5	18.1	27.1#

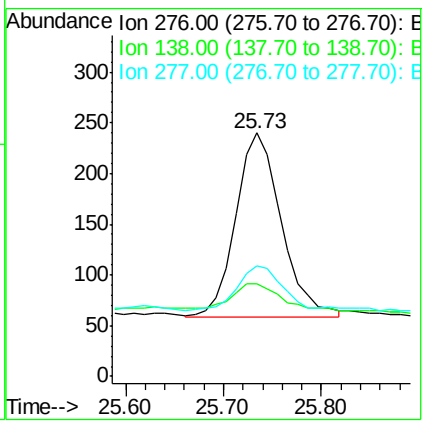




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul m
RT: 25.73 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:276 Resp: 593

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	136.4	19.6	29.4#



Instrument :
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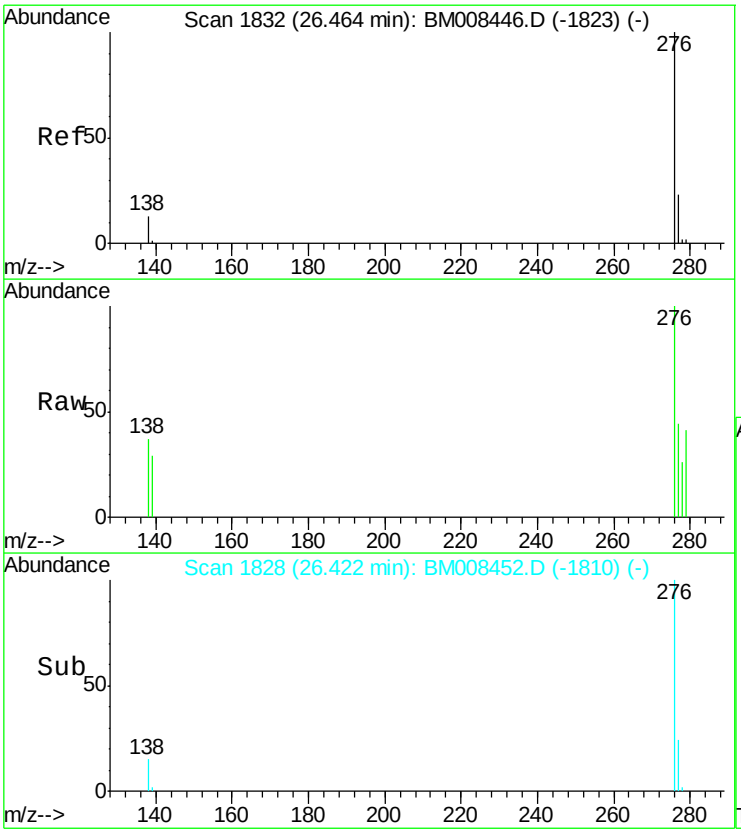

#26
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul m
RT: 26.42 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM008452.D
Acq: 19 Dec 2016 21:37

Tgt Ion:276 Resp: 684

Ion	Ratio	Lower	Upper
276	100		
277	43.7	21.8	32.8#
138	36.9	20.5	30.7#