Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008556.D
Acq On : 22 Dec 2016 15:20
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA827

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Quant Time: Dec 22 17:10:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 13:27:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	399	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1285	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1052	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1415m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1553	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1179m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	486	0.25	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	937m	0.24	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	39077	10.81	ng/ul	94
5) 2-Methylnaphthalene	12.08	142	66153	27.19	ng/ul	100
8) Acenaphthene	14.35	153	5073	1.42	ng/ul	99
9) Fluorene	15.34	166	10799	2.64	ng/ul	86
12) Phenanthrene	17.07	178	5121m	1.19	ng/ul	
15) Fluoranthene	19.12	202	1167m	0.22	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	1331m	0.29	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	413m	0.09	ng/ul	
23) Benzo(a)pyrene	23.38	252	612m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	609m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	725m	0.16	ng/ul	

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

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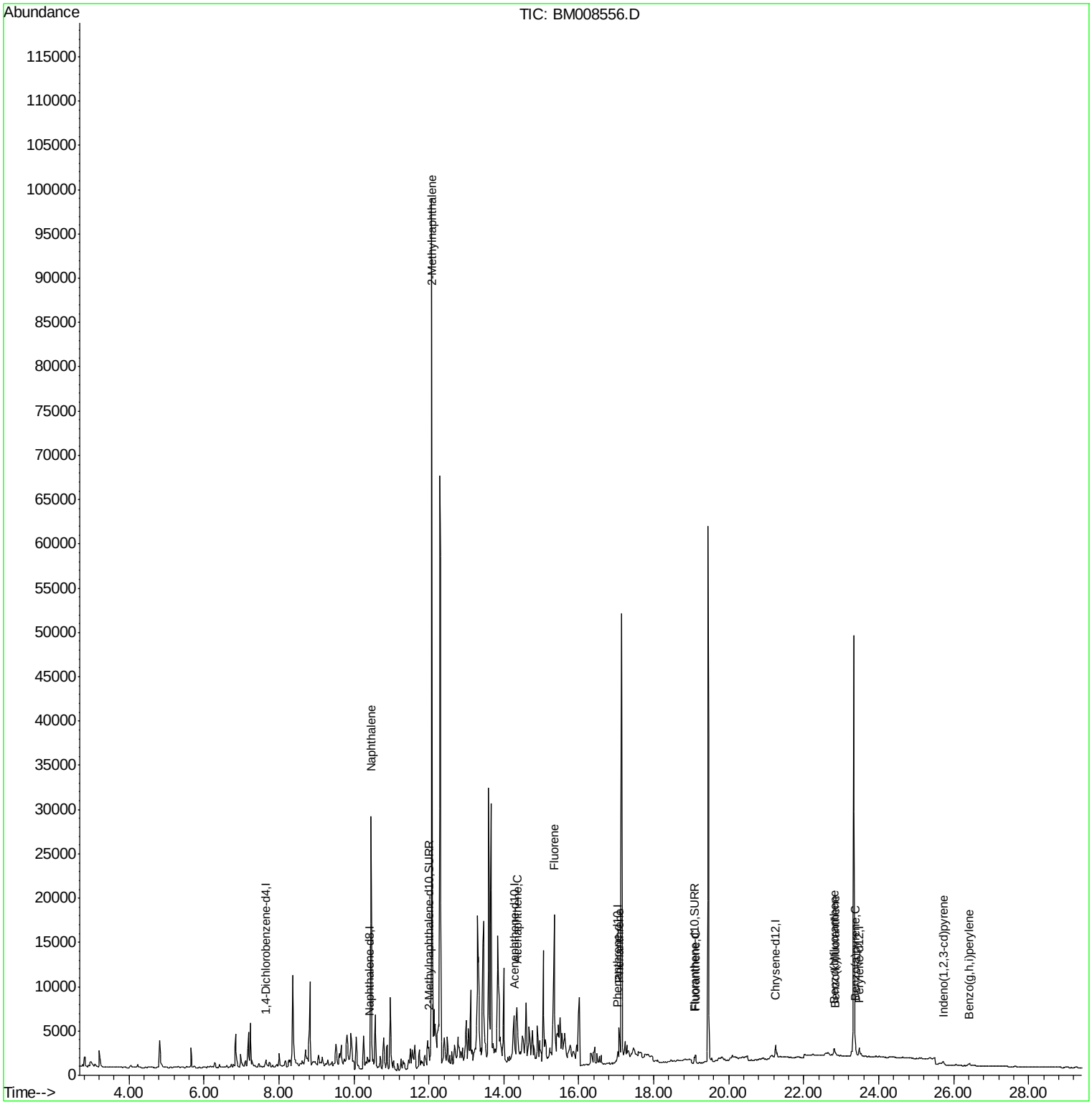
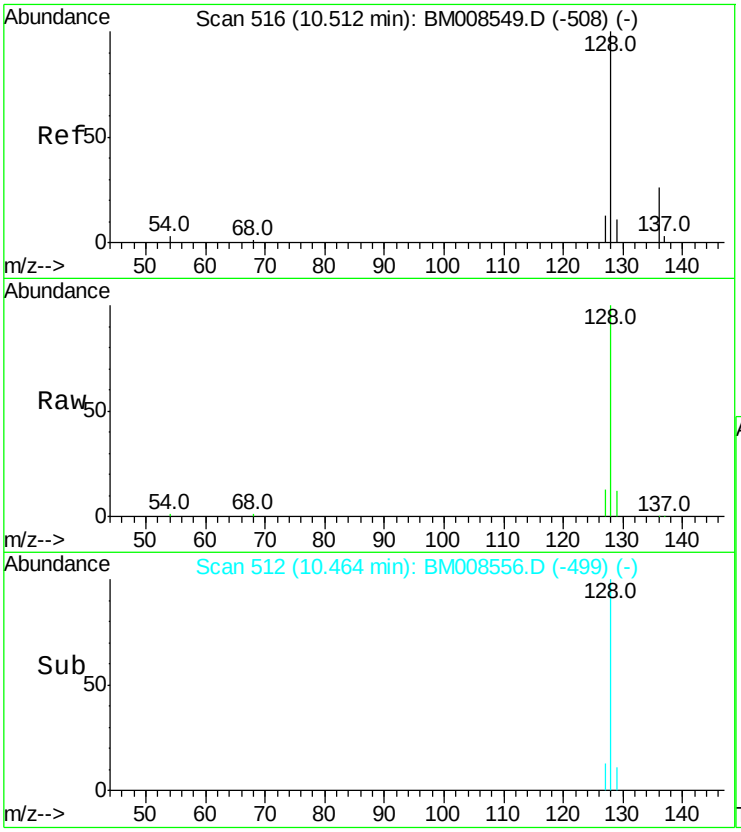
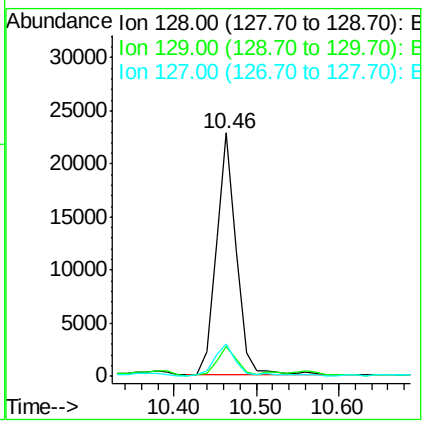




#3
Naphthalene
Concen: 10.81 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.05 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:128 Resp: 39077

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	13.3	12.8	19.2



Instrument :
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ClientSampleId :
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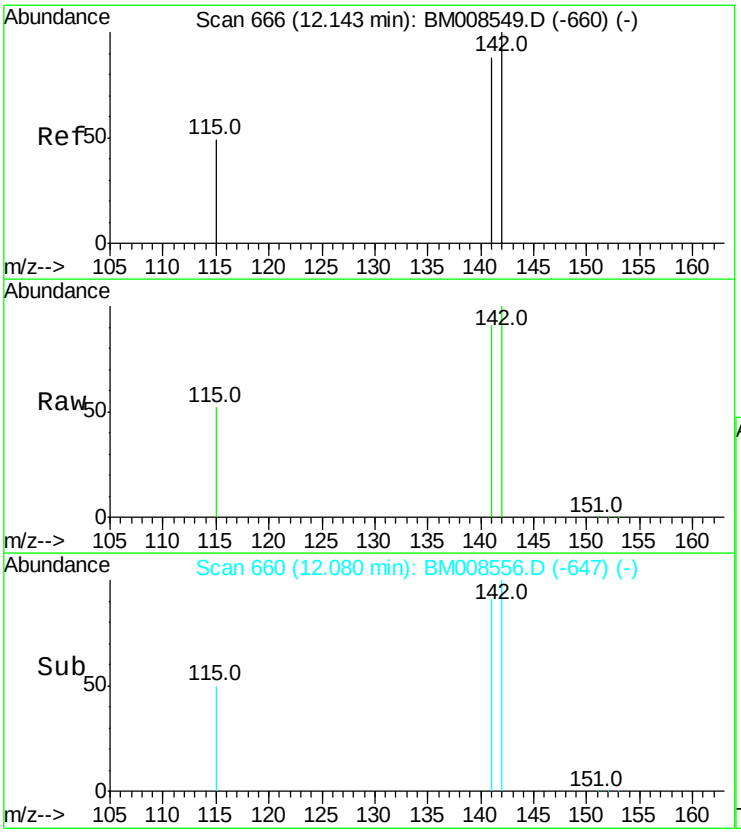
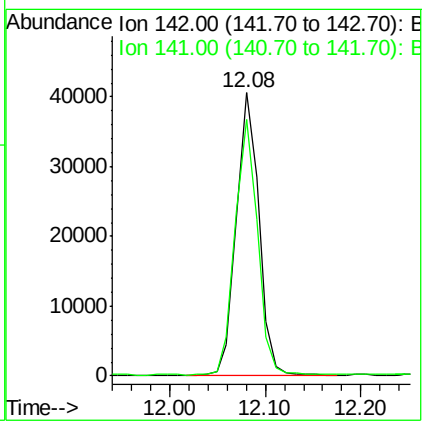
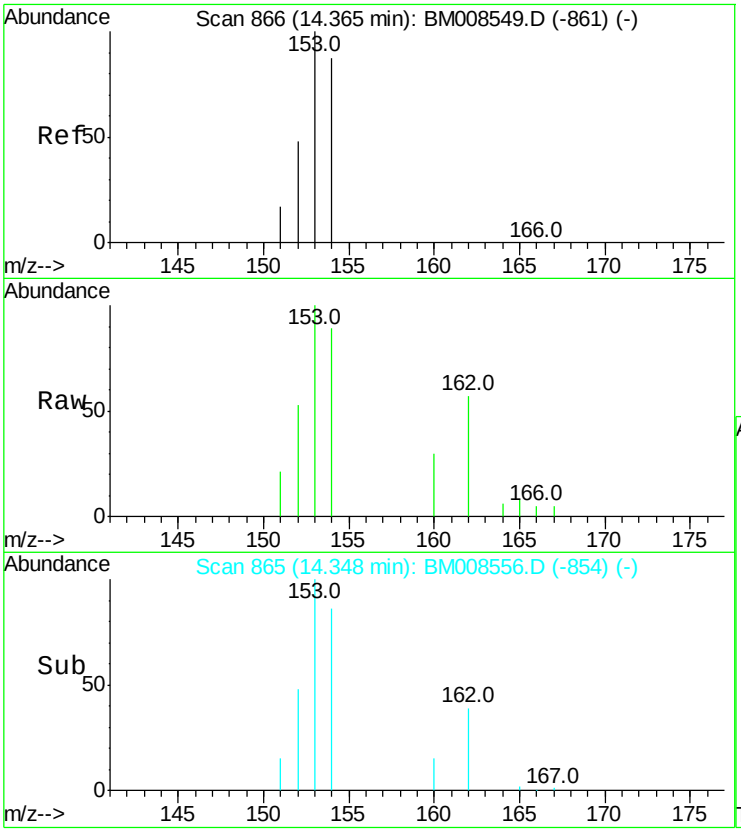


#5
2-Methylnaphthalene
Concen: 27.19 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.06 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:142 Resp: 66153

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

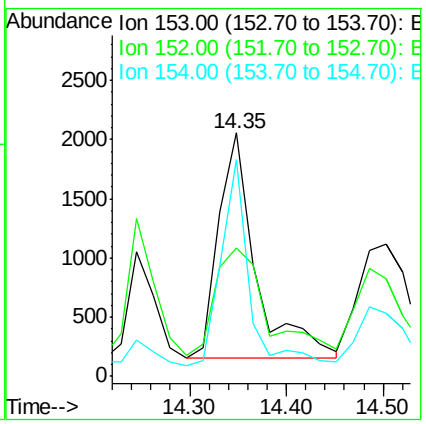




#8
Acenaphthene
Concen: 1.42 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:153 Resp: 5073

Ion	Ratio	Lower	Upper
153	100		
152	52.8	40.3	60.5
154	89.0	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA827

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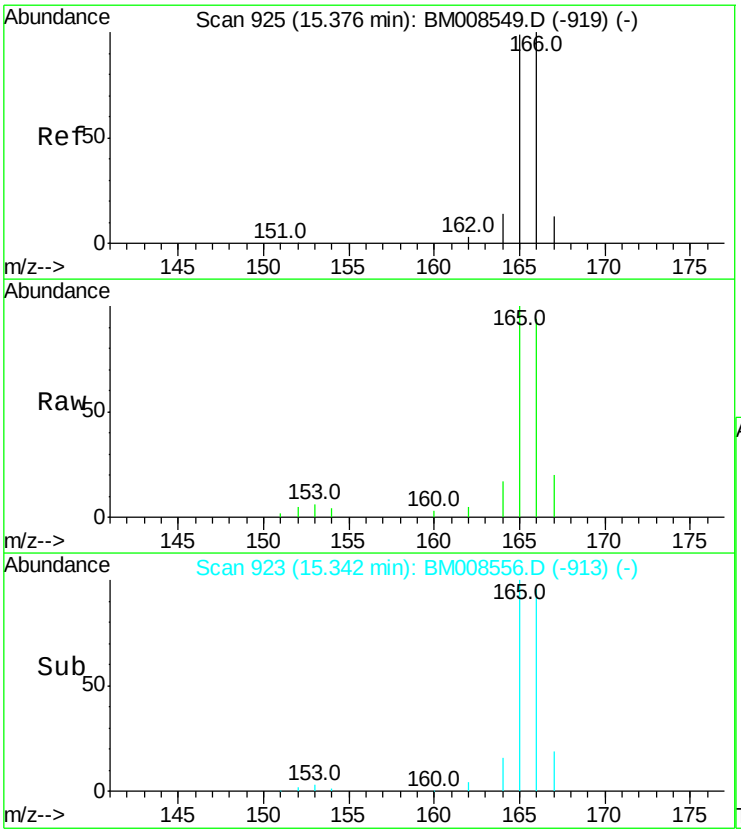
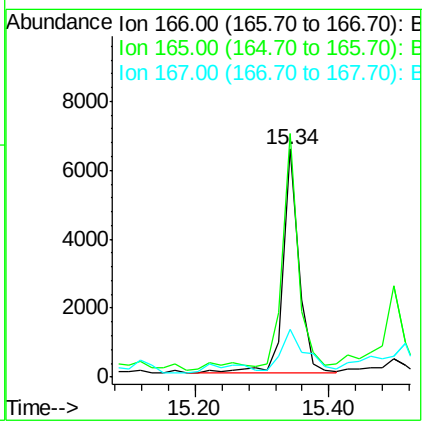
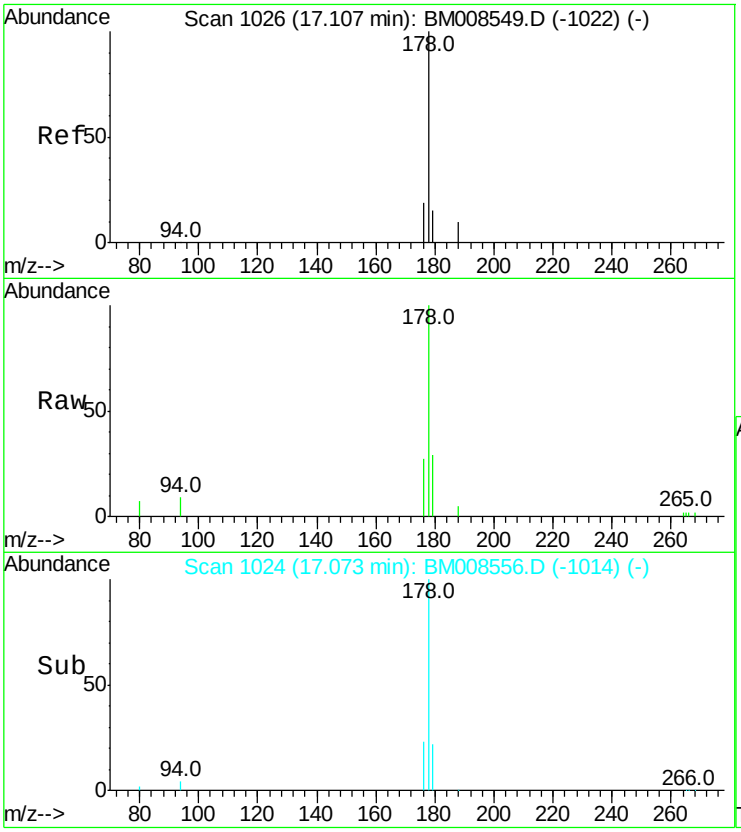


#9
Fluorene
Concen: 2.64 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:166 Resp: 10799

Ion	Ratio	Lower	Upper
166	100		
165	106.7	73.4	110.2
167	21.2	14.6	22.0

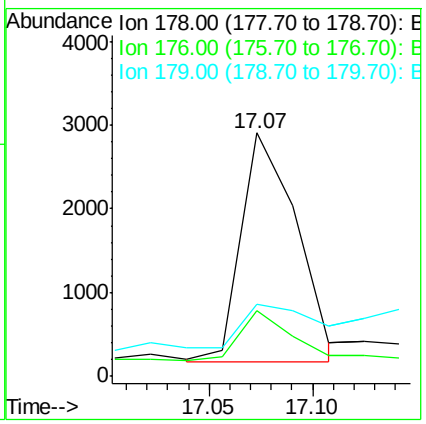




#12
Phenanthrene
Concen: 1.19 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:178 Resp: 5121

Ion	Ratio	Lower	Upper
178	100		
176	26.8	18.4	27.6
179	29.4	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
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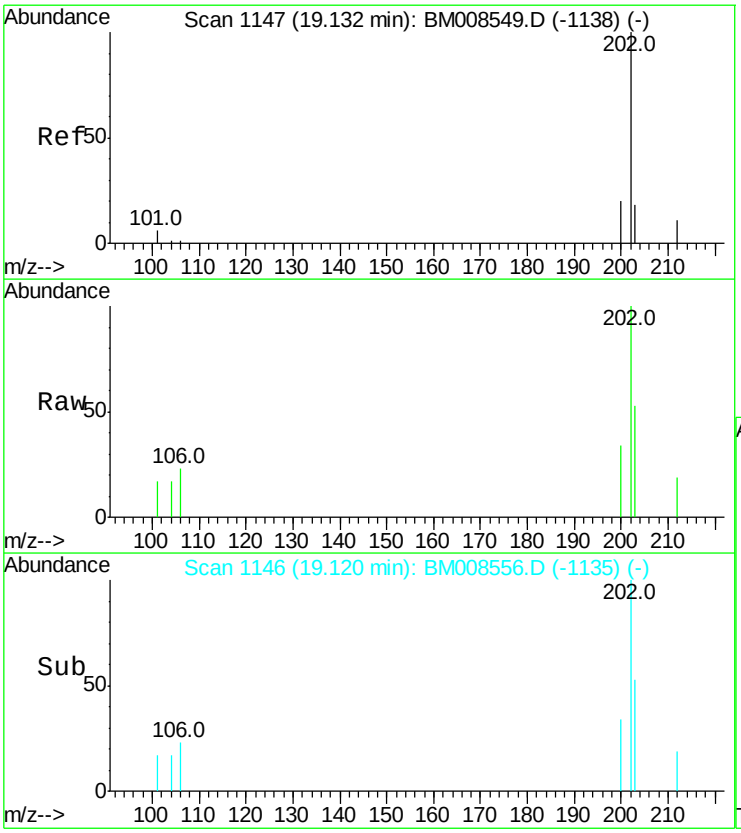
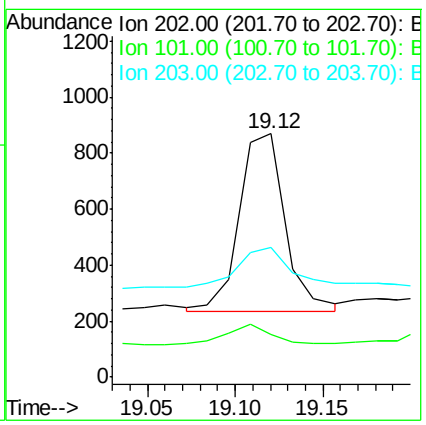
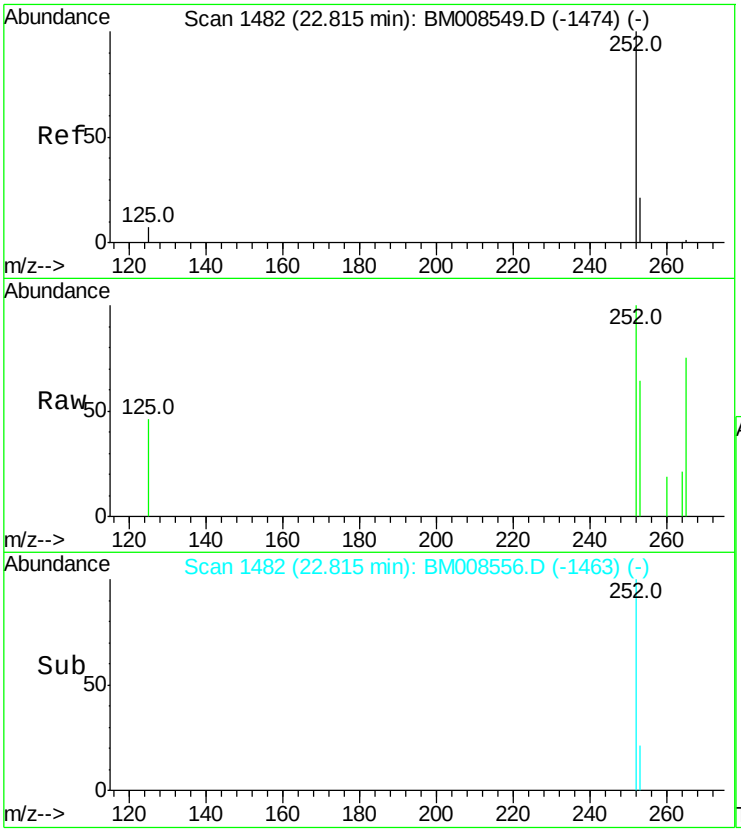


#15
Fluoranthene
Concen: 0.22 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:202 Resp: 1167

Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	30.3
203	53.2	0.0	39.5#

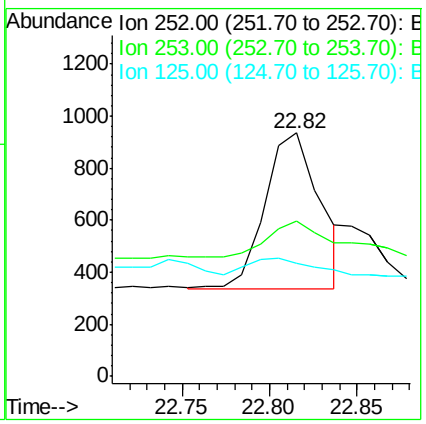




#21
Benzo(b)fluoranthene
Concen: 0.29 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:252 Resp: 1331

Ion	Ratio	Lower	Upper
252	100		
253	64.0	0.0	64.2
125	46.4	0.0	35.0#



Instrument :
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ClientSampleId :
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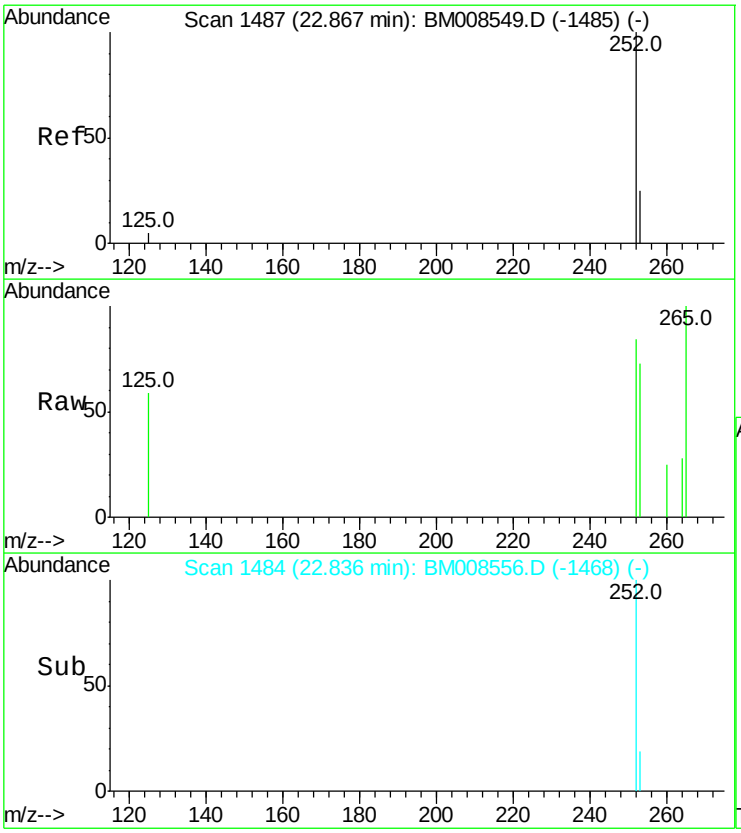
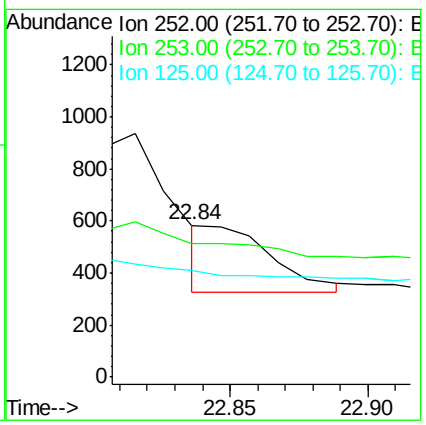
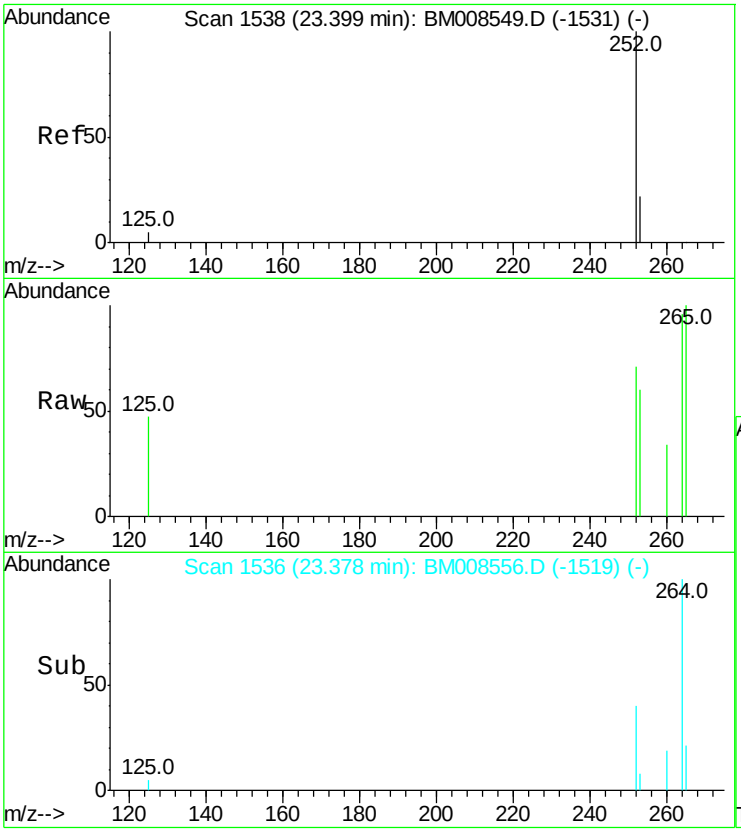


#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:252 Resp: 413

Ion	Ratio	Lower	Upper
252	100		
253	87.7	24.5	36.7#
125	70.0	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.14 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:252 Resp: 612

Ion	Ratio	Lower	Upper
252	100		
253	85.2	28.5	42.7#
125	66.5	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
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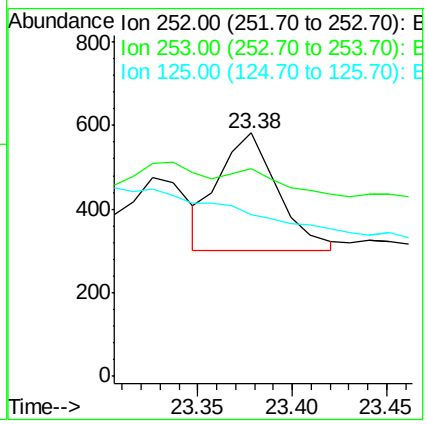
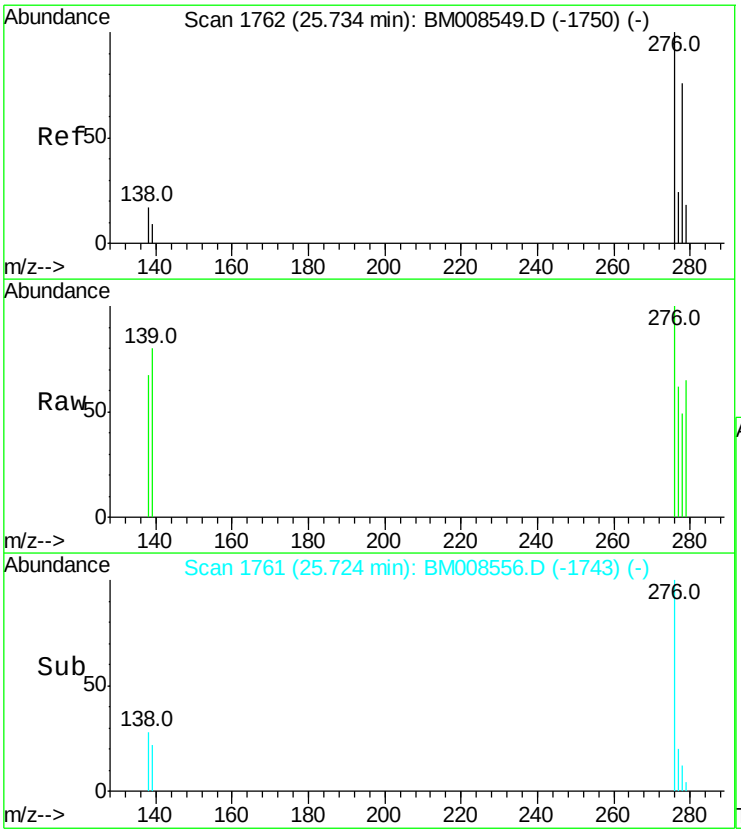
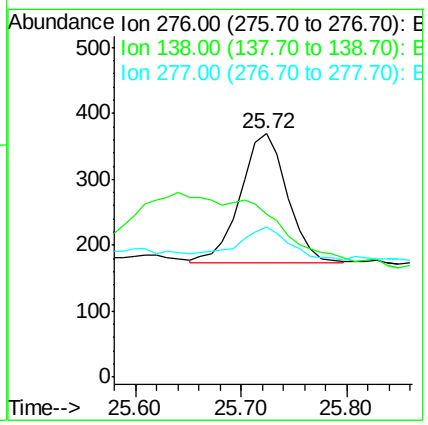


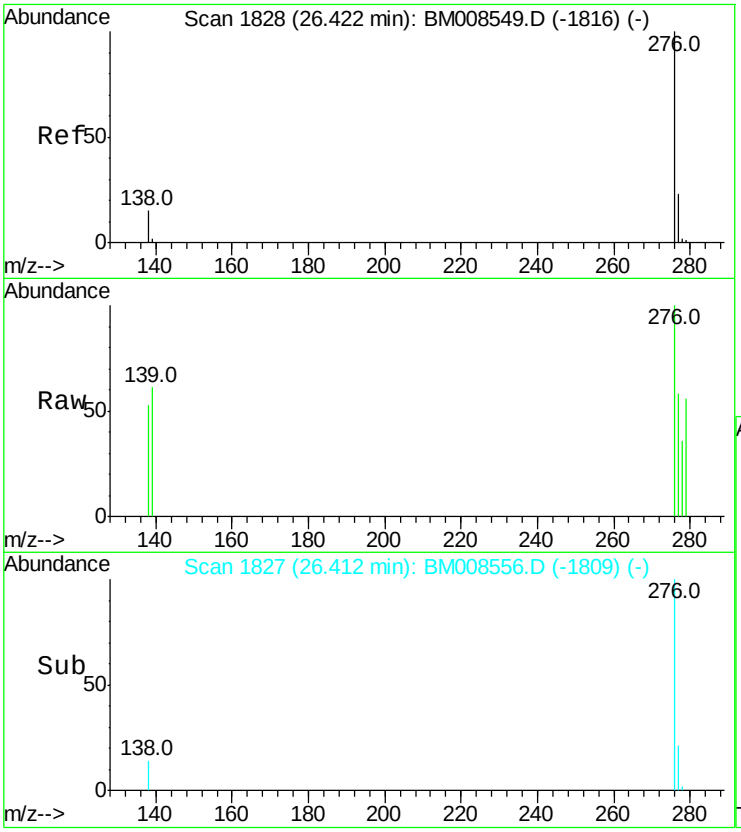


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul m
RT: 25.72 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:276 Resp: 609

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

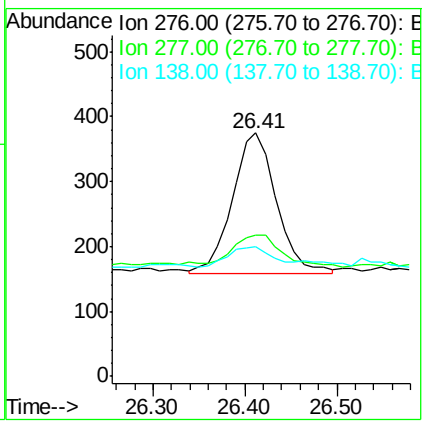




#26
Benzo(g,h,i)perylene
Concen: 0.16 ng/ul m
RT: 26.41 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM008556.D
Acq: 22 Dec 2016 15:20

Tgt Ion:276 Resp: 725

Ion	Ratio	Lower	Upper
276	100		
277	57.9	21.8	32.8#
138	53.1	20.5	30.7#



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