Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
Data File : BM008601.D
Acq On : 23 Dec 2016 18:32
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations APPROVED
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Quant Time: Dec 24 00:03:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 23:37:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	467	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.45	136	1513	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	919	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1752m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.27	240	1702	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1541m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	438	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	1132m	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.50	128	625	0.15	ng/ul#	72
5) 2-Methylnaphthalene	12.13	142	521	0.18	ng/ul	98
12) Phenanthrene	17.09	178	1266m	0.24	ng/ul	
15) Fluoranthene	19.11	202	1220	0.19	ng/ul	90
17) Pyrene	19.48	202	1215	0.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	542	0.10	ng/ul#	64
19) Chrysene	21.30	228	760	0.12	ng/ul#	73
21) Benzo(b)fluoranthene	22.81	252	957m	0.16	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	317m	0.05	ng/ul	
23) Benzo(a)pyrene	23.37	252	406	0.07	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.75	276	380	0.06	ng/ul#	88
26) Benzo(g,h,i)perylene	26.43	276	411	0.07	ng/ul#	45

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

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Instrument :
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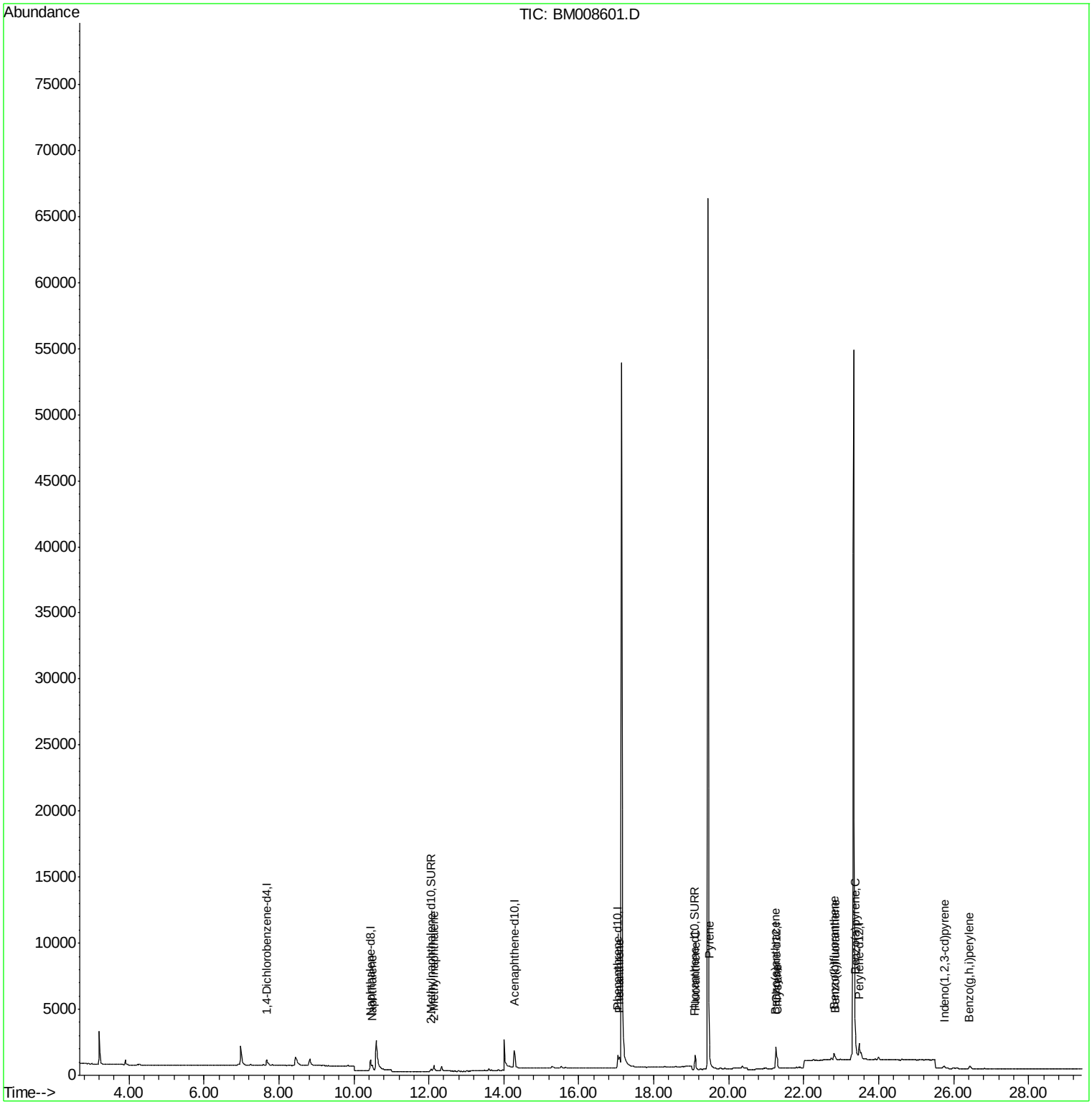
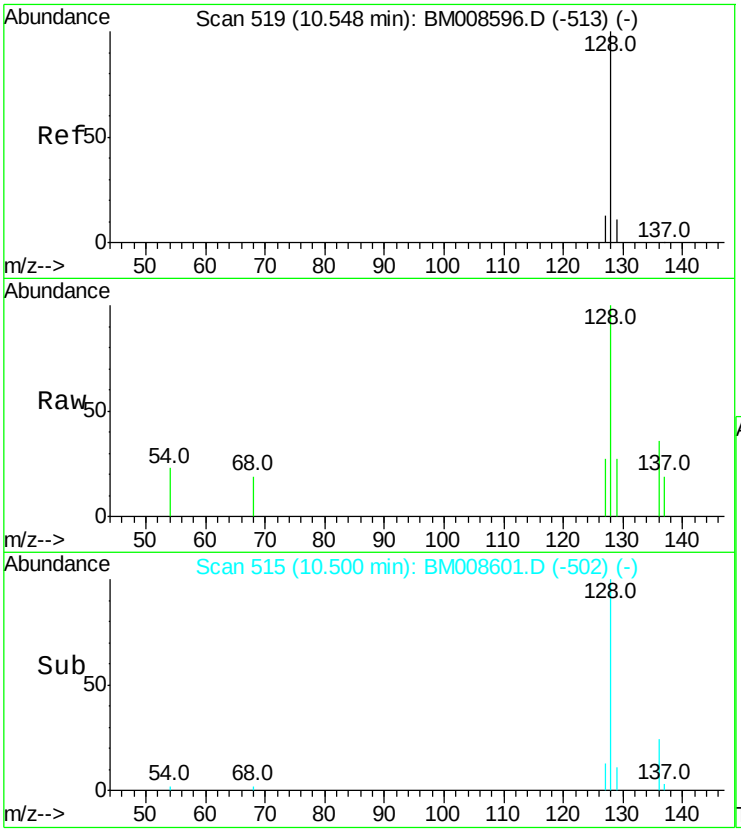
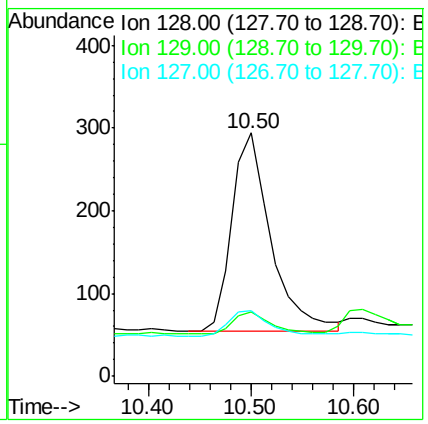




#3
Naphthalene
Concen: 0.15 ng/ul
RT: 10.50 min Scan# 515
Delta R.T. -0.05 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:128 Resp: 625

Ion	Ratio	Lower	Upper
128	100		
129	26.5	11.3	16.9#
127	26.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8X2

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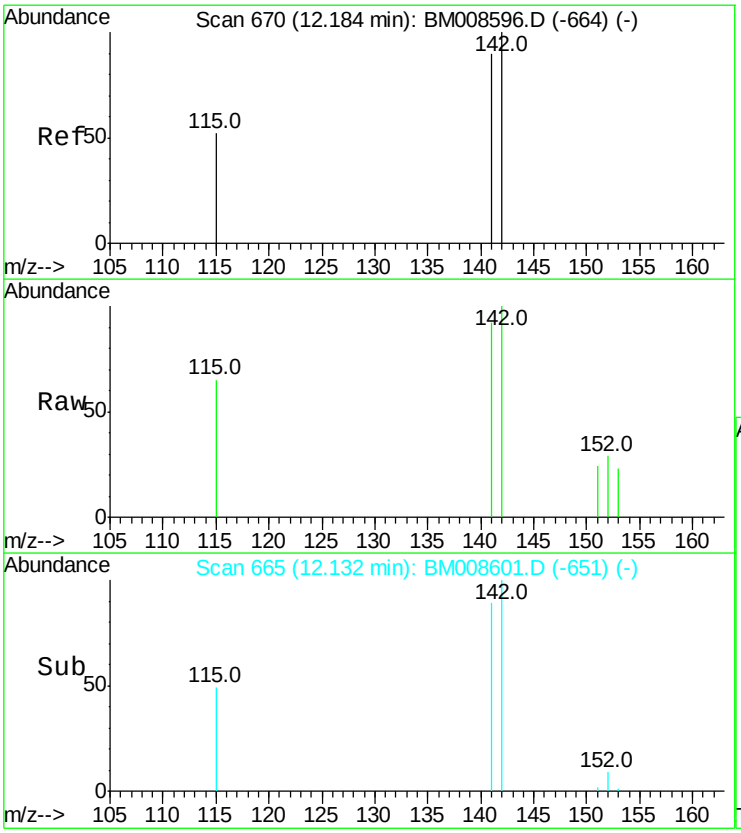
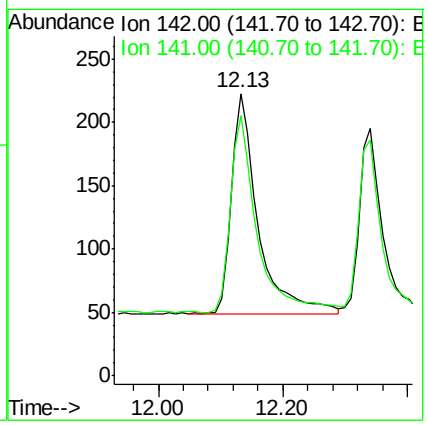
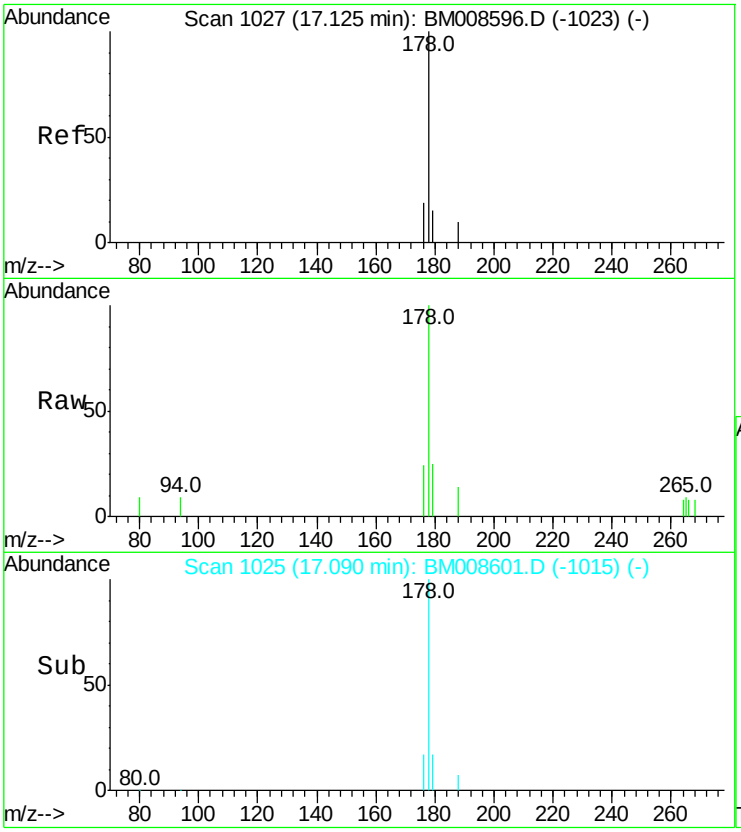


#5
2-Methylnaphthalene
Concen: 0.18 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.05 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:142 Resp: 521

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8

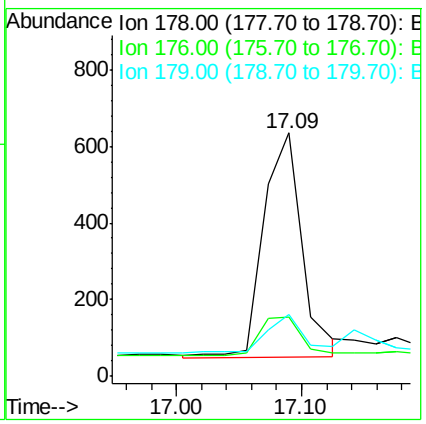




#12
Phenanthrene
Concen: 0.24 ng/ul m
RT: 17.09 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:178 Resp: 1266

Ion	Ratio	Lower	Upper
178	100		
176	24.4	18.4	27.6
179	25.4	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA8X2

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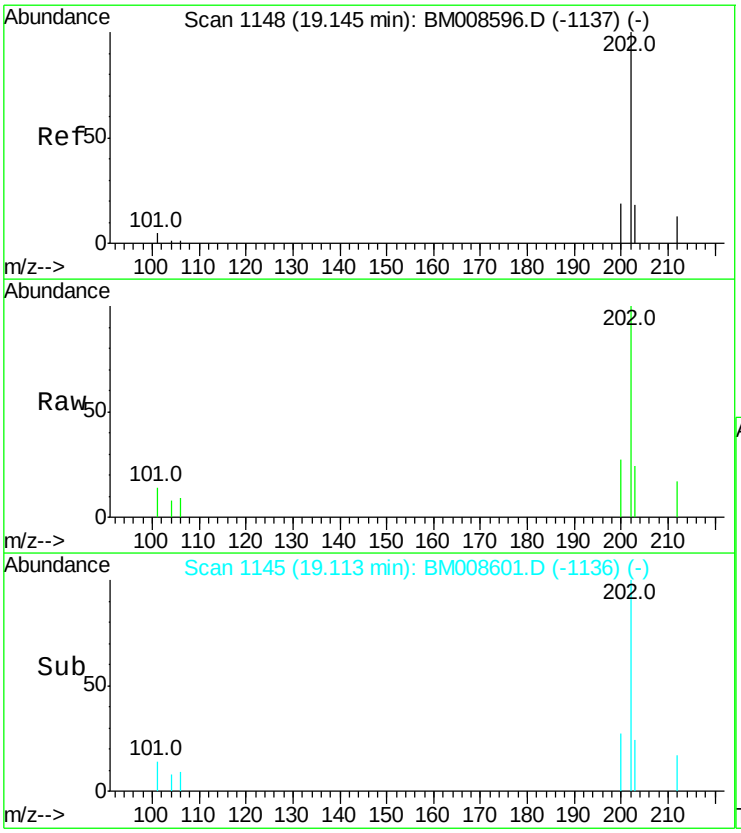
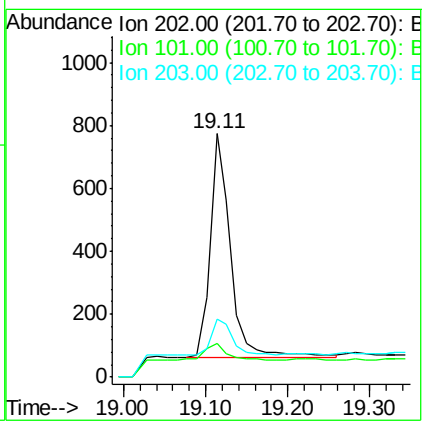
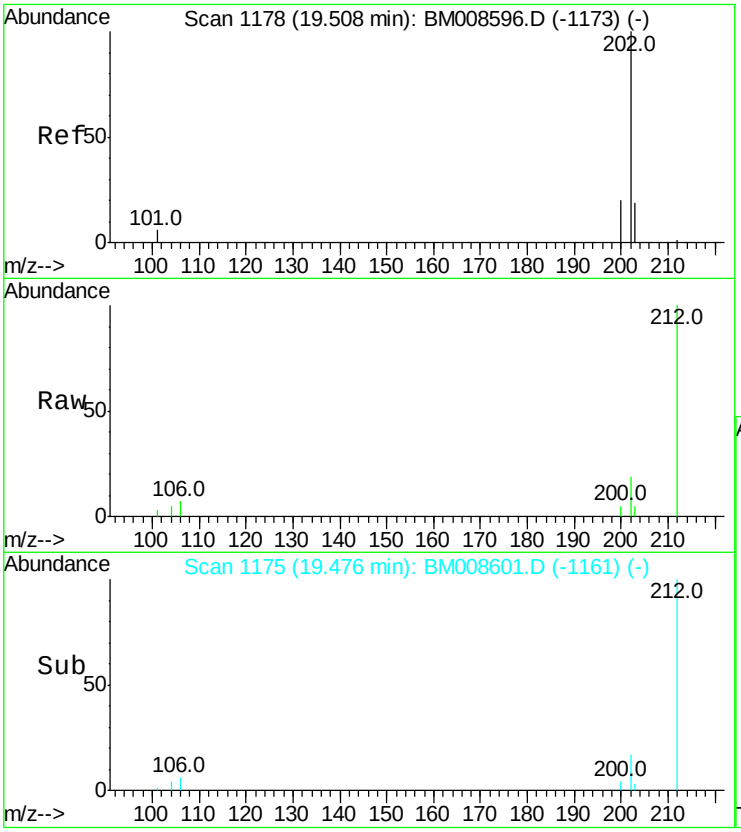


#15
Fluoranthene
Concen: 0.19 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:202 Resp: 1220

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
203	23.9	0.0	39.5





#17
Pyrene
Concen: 0.18 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:202 Resp: 1215

Ion	Ratio	Lower	Upper
202	100		
200	26.9	18.2	27.4
203	28.3	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
DA8X2

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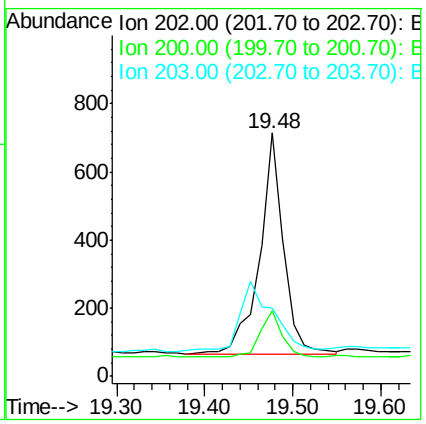
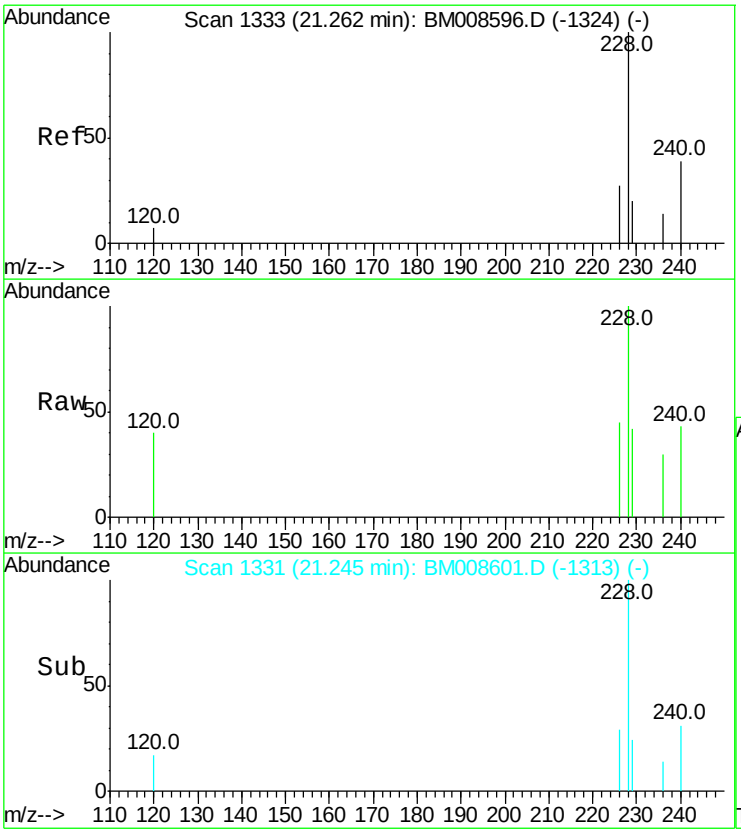
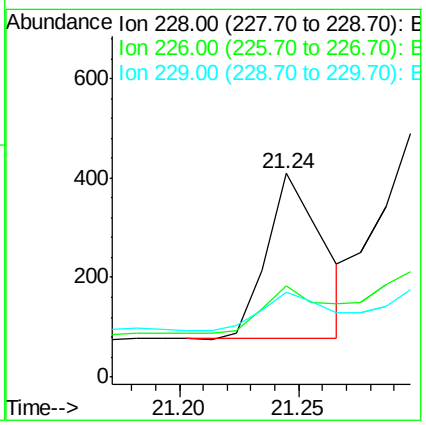


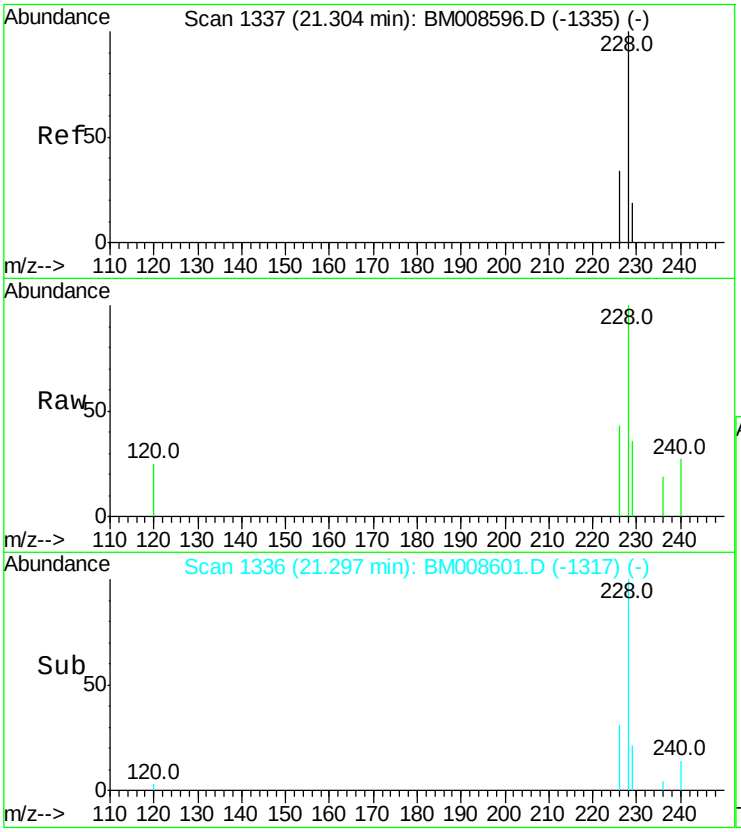


#18
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:228 Resp: 542

Ion	Ratio	Lower	Upper
228	100		
226	45.0	22.8	34.2#
229	41.6	17.0	25.6#

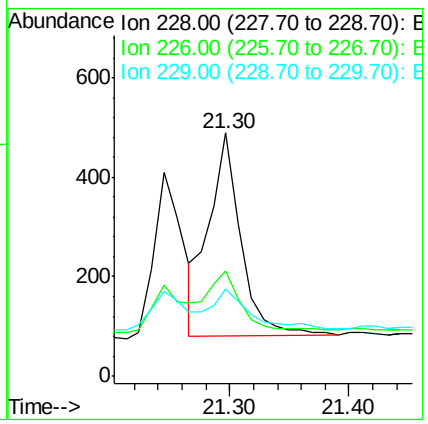




#19
Chrysene
Concen: 0.12 ng/ul
RT: 21.30 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:228 Resp: 760

Ion	Ratio	Lower	Upper
228	100		
226	43.4	23.4	35.0#
229	35.8	17.7	26.5#



Instrument :
BNA_M
ClientSampleId :
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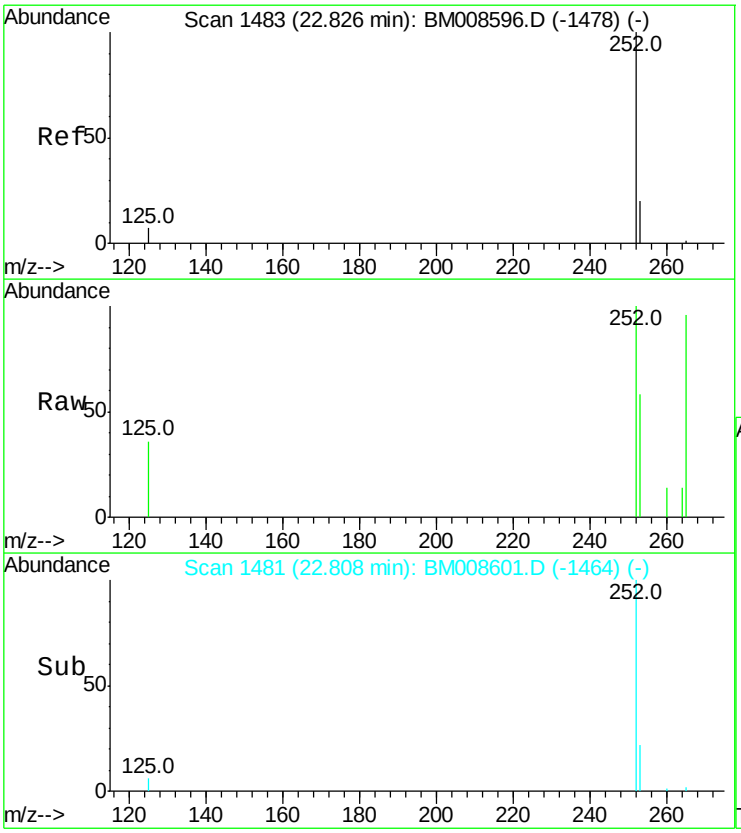
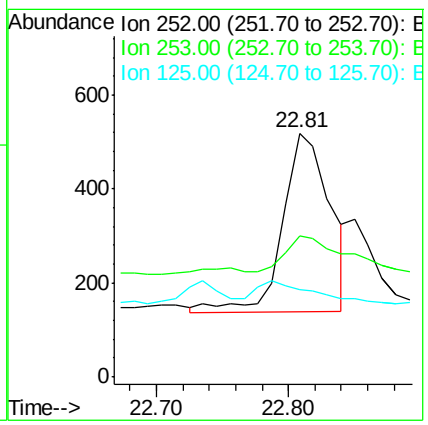
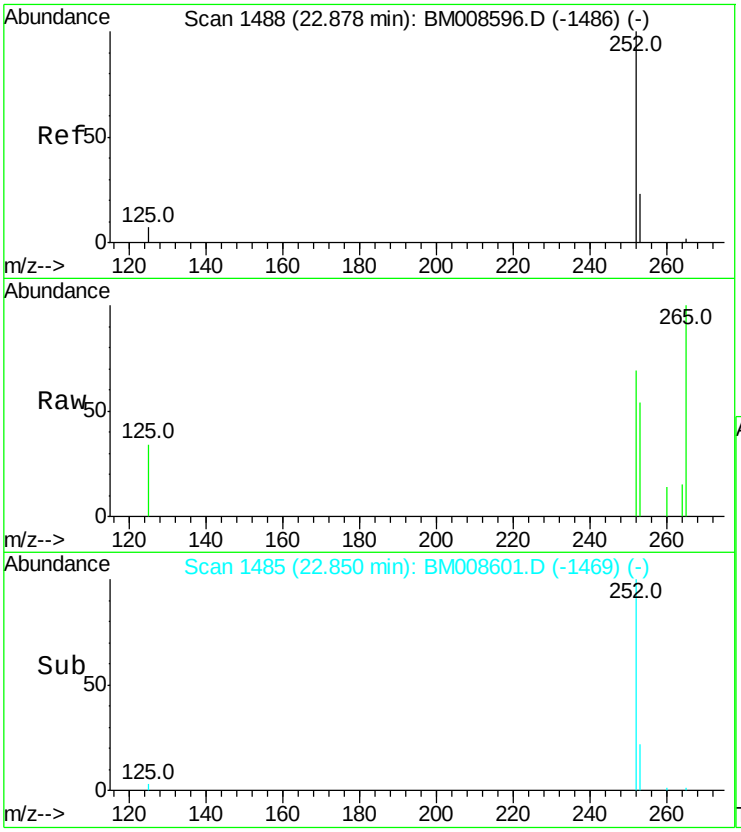


#21
Benzo(b)fluoranthene
Concen: 0.16 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:252 Resp: 957

Ion	Ratio	Lower	Upper
252	100		
253	58.1	0.0	64.2
125	36.1	0.0	35.0#

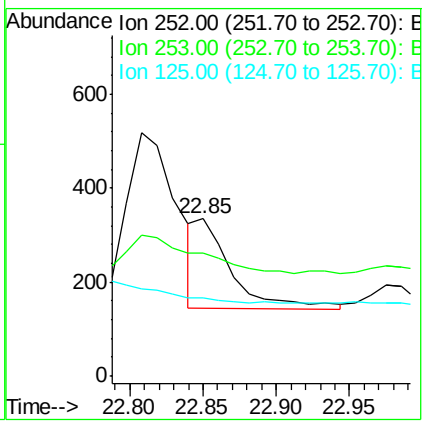




#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:252 Resp: 317

Ion	Ratio	Lower	Upper
252	100		
253	78.2	24.5	36.7#
125	49.9	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
DA8X2

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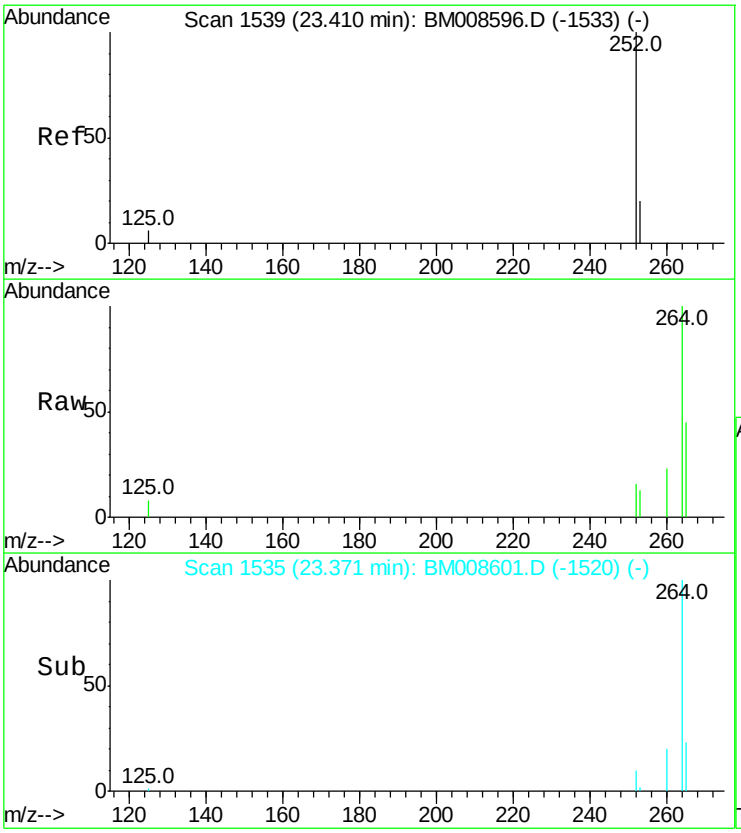
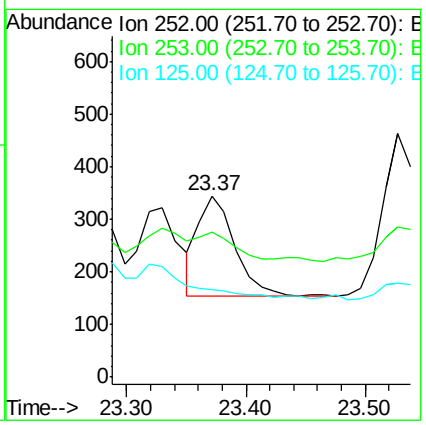
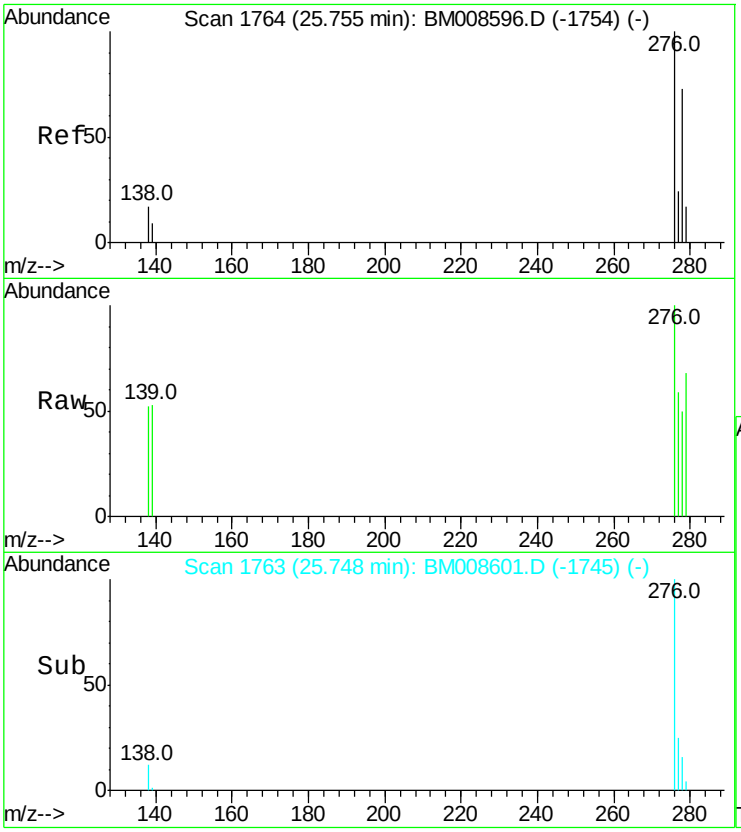


#23
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:252 Resp: 406

Ion	Ratio	Lower	Upper
252	100		
253	79.7	28.5	42.7#
125	48.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 25.75 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:276 Resp: 380

Ion	Ratio	Lower	Upper
276	100		
138	13.9	19.1	28.7#
277	26.1	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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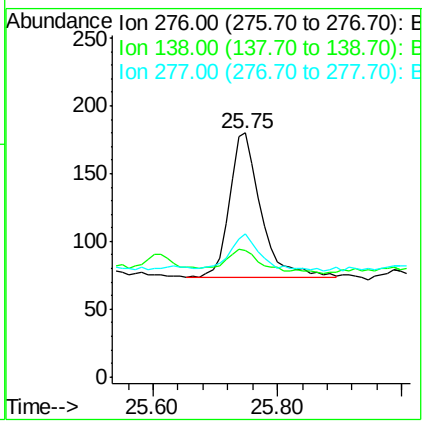

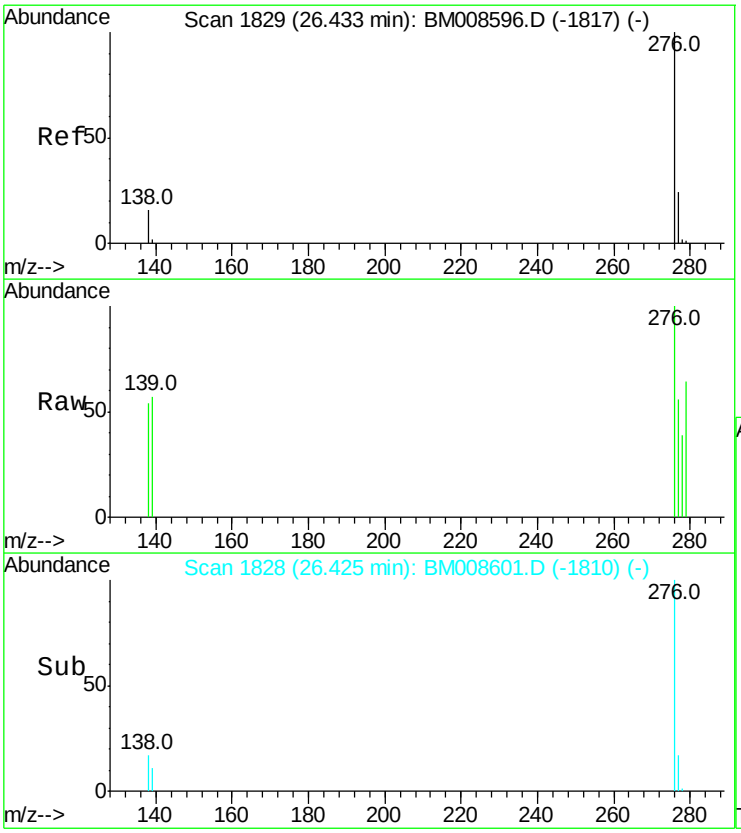

#26
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.43 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM008601.D
Acq: 23 Dec 2016 18:32

Tgt Ion:276 Resp: 411

Ion	Ratio	Lower	Upper
276	100		
277	55.8	21.8	32.8#
138	53.6	20.5	30.7#