Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008641.D
Acq On : 24 Dec 2016 20:00
Operator : UM/SJ
Sample : H6040-19DL 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2DL

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Quant Time: Dec 26 00:54:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 23:48:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	387	0.40	ng/ul	0.02
2) Naphthalene-d8	10.46	136	1269	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.30	164	767	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	1375	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1479	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1247m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	190	0.10	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	476m	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.51	128	273	0.08	ng/ul#	34
5) 2-Methylnaphthalene	12.14	142	209	0.09	ng/ul	95
12) Phenanthrene	17.09	178	675	0.16	ng/ul#	77
15) Fluoranthene	19.13	202	668m	0.13	ng/ul	
17) Pyrene	19.48	202	658	0.12	ng/ul#	63
18) Benzo(a)anthracene	21.26	228	306	0.06	ng/ul#	31
19) Chrysene	21.30	228	365	0.07	ng/ul#	40
21) Benzo(b)fluoranthene	22.82	252	446m	0.09	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	258m	0.05	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	190	0.04	ng/ul	96

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

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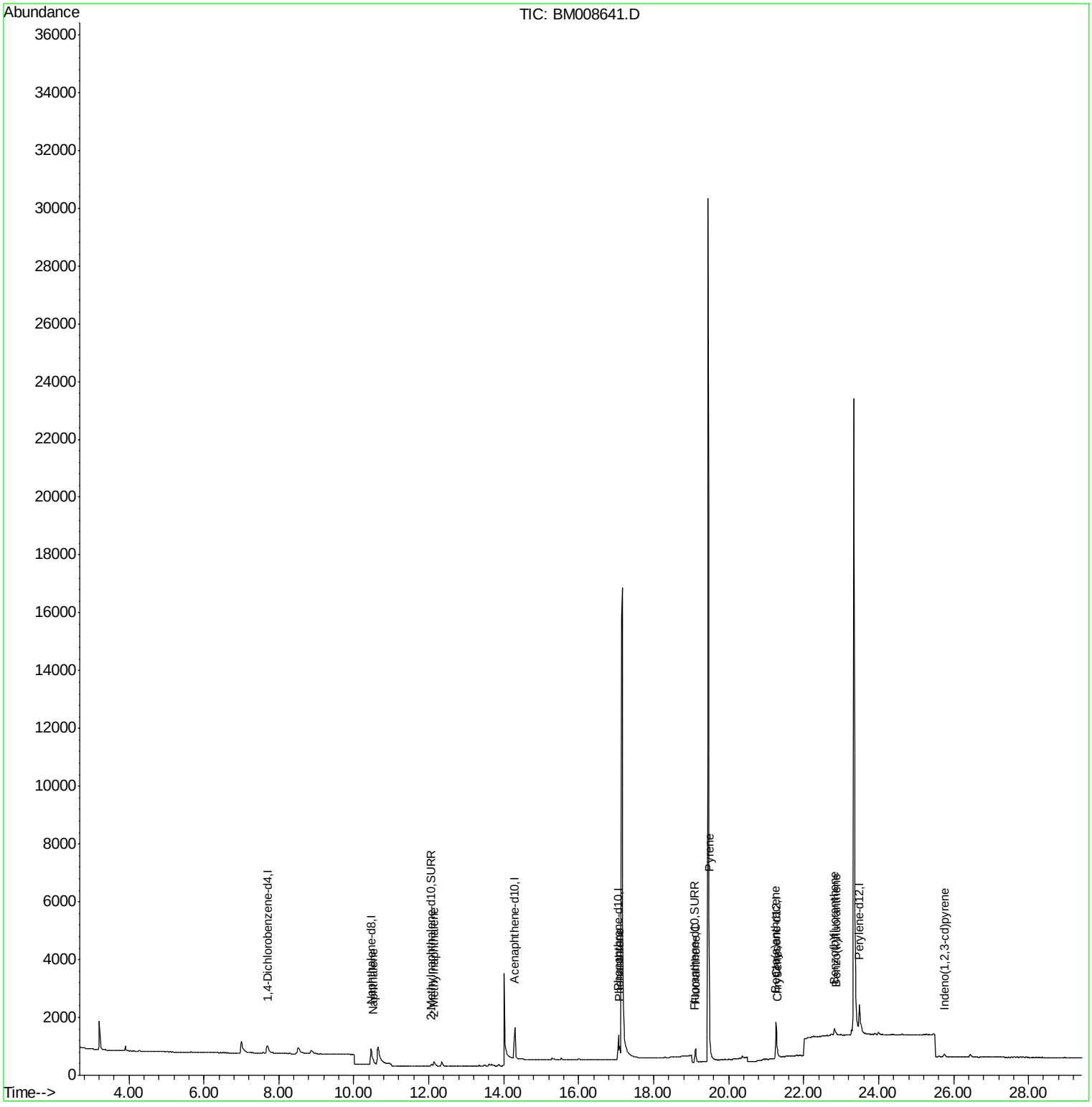
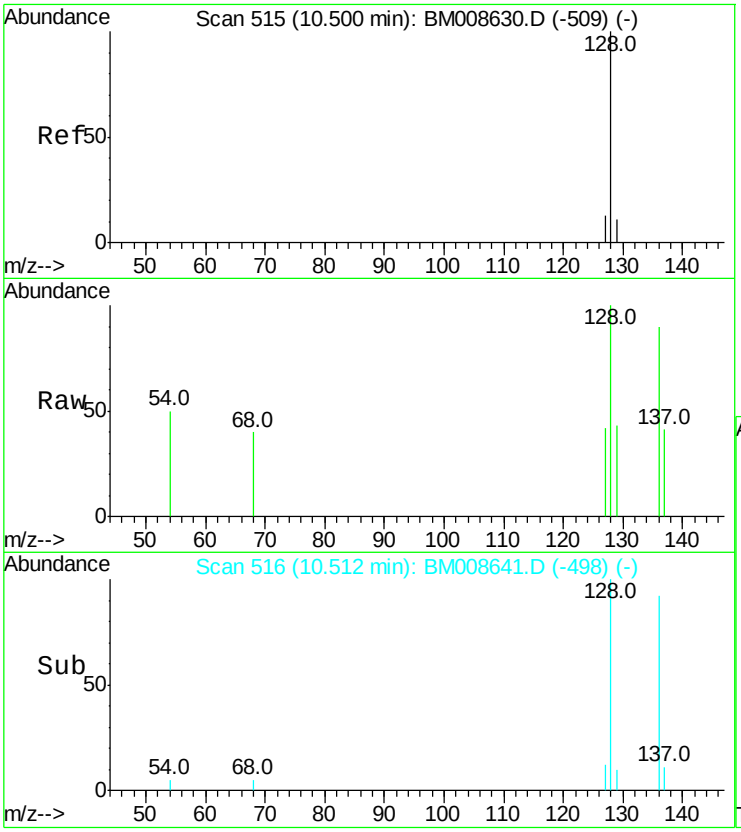
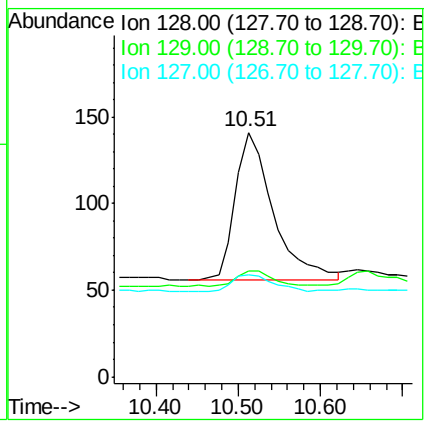




#3
Naphthalene
Concen: 0.08 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. 0.01 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:128 Resp: 273

Ion	Ratio	Lower	Upper
128	100		
129	43.3	11.3	16.9#
127	41.8	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8X2DL

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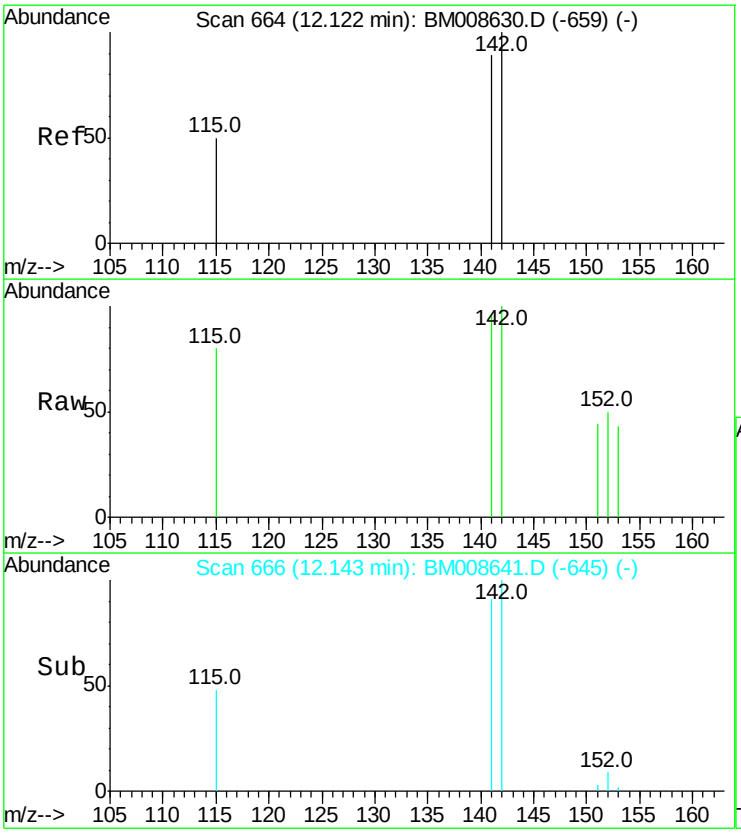
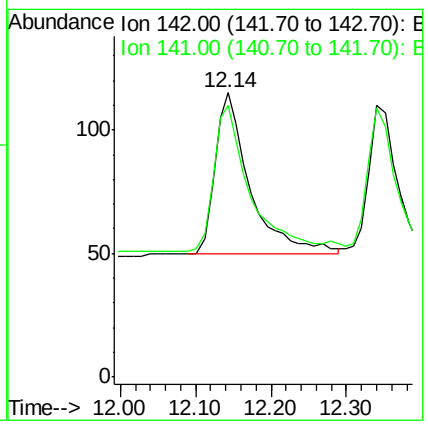
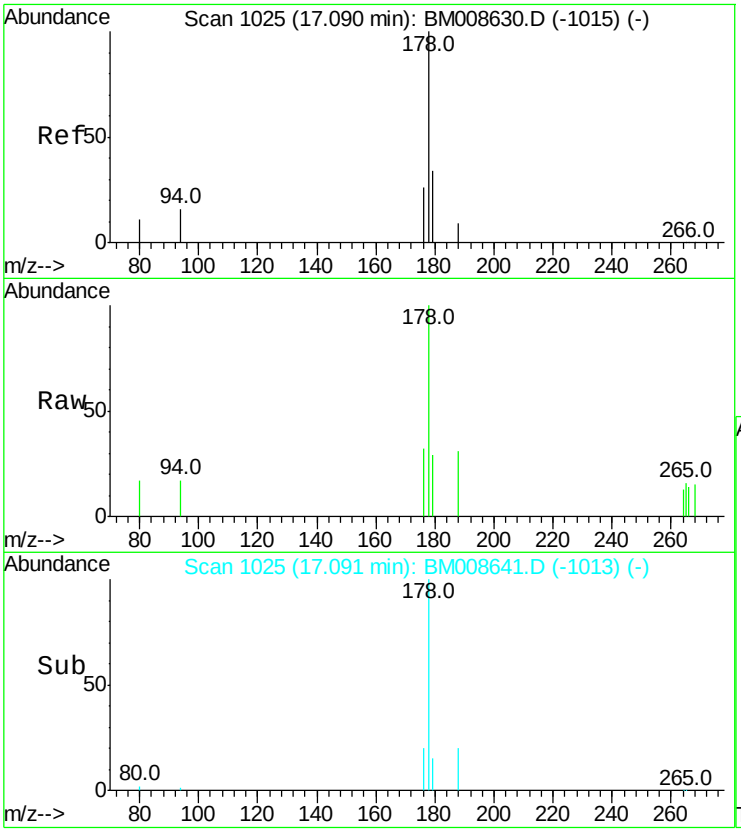


#5
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.14 min Scan# 666
Delta R.T. 0.02 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:142 Resp: 209

Ion	Ratio	Lower	Upper
142	100		
141	95.7	72.6	108.8

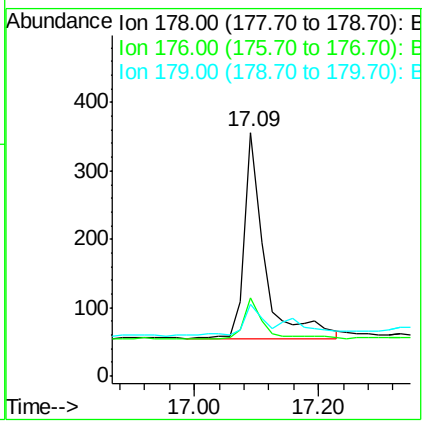




#12
Phenanthrene
Concen: 0.16 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:178 Resp: 675

Ion	Ratio	Lower	Upper
178	100		
176	32.0	18.4	27.6#
179	29.5	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA8X2DL

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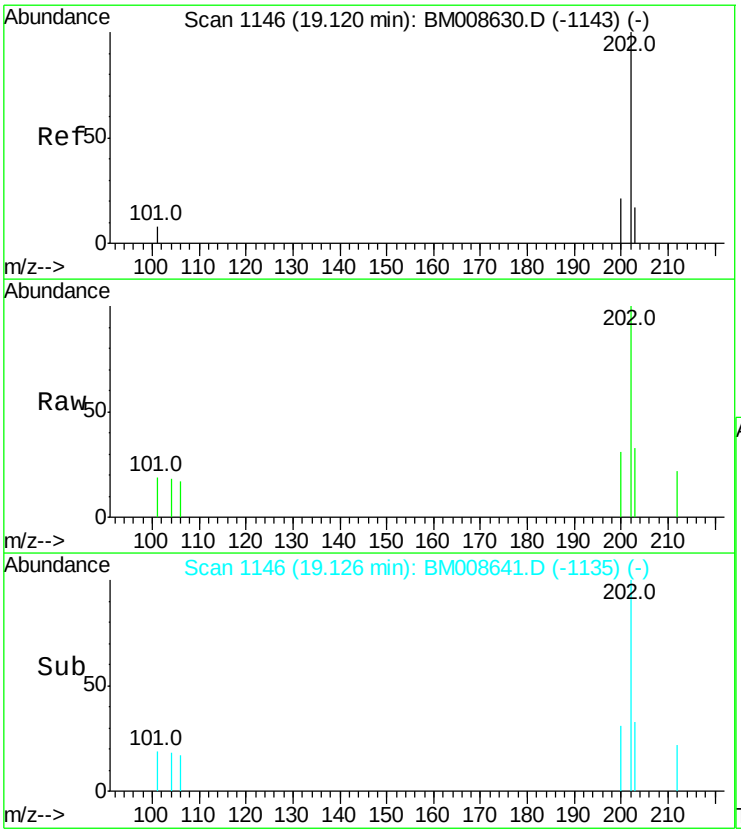
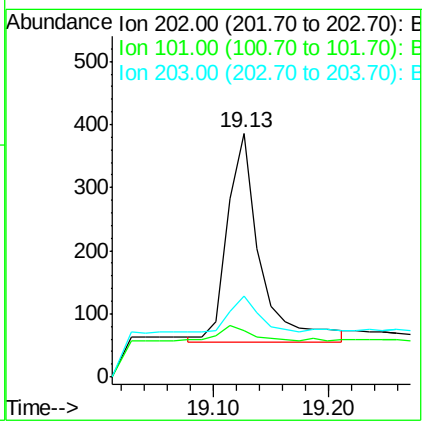
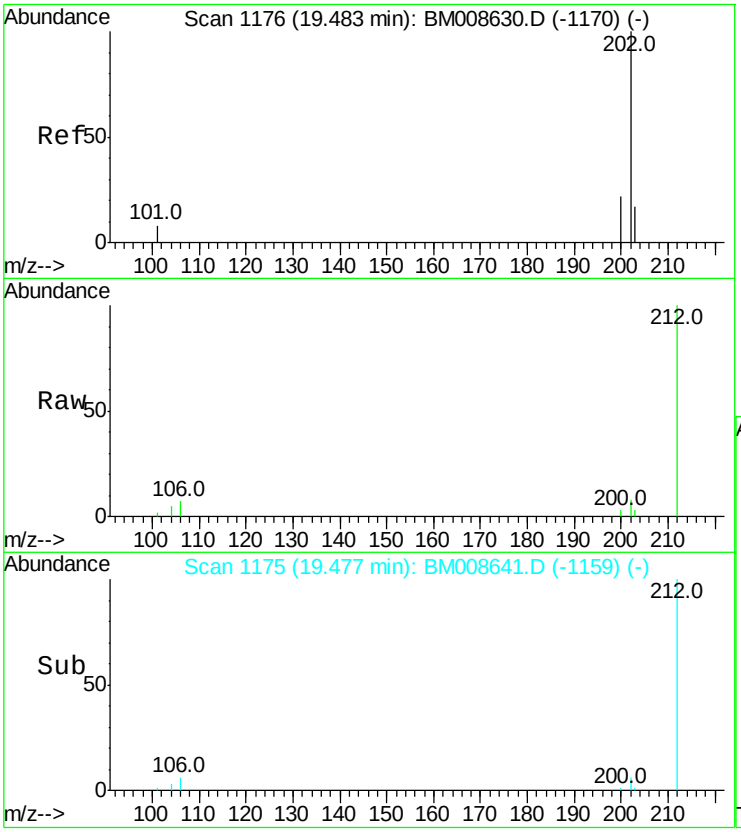


#15
Fluoranthene
Concen: 0.13 ng/ul m
RT: 19.13 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:202 Resp: 668

Ion	Ratio	Lower	Upper
202	100		
101	19.2	0.0	30.3
203	33.2	0.0	39.5





#17
Pyrene
Concen: 0.12 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:202 Resp: 658

Ion	Ratio	Lower	Upper
202	100		
200	35.8	18.2	27.4#
203	42.1	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
DA8X2DL

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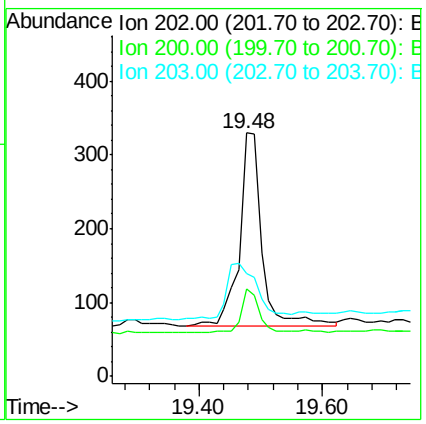
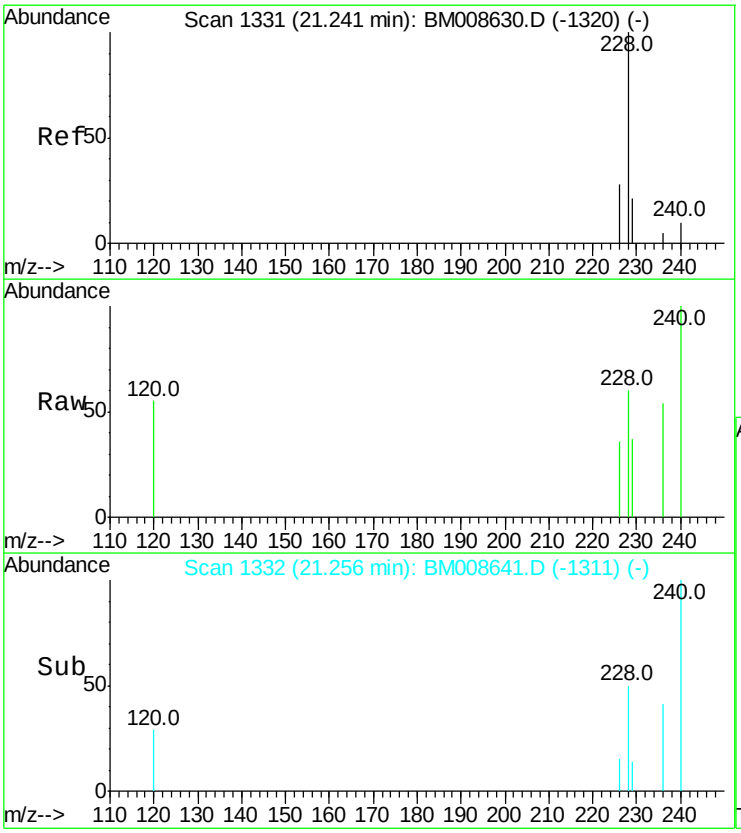
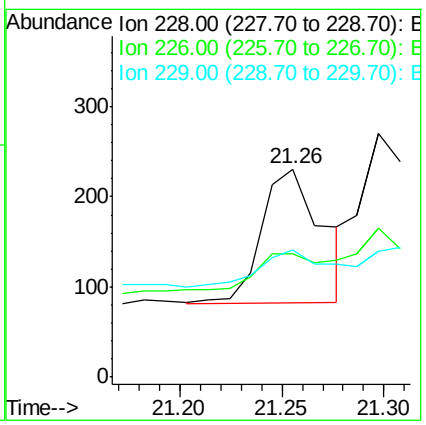


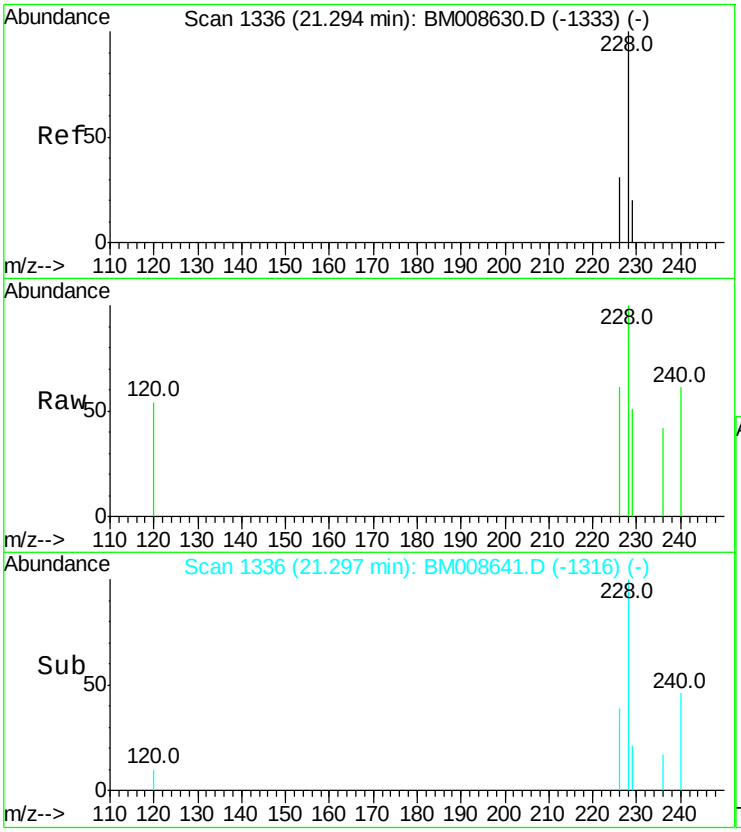


#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:228 Resp: 306

Ion	Ratio	Lower	Upper
228	100		
226	59.3	22.8	34.2#
229	61.0	17.0	25.6#

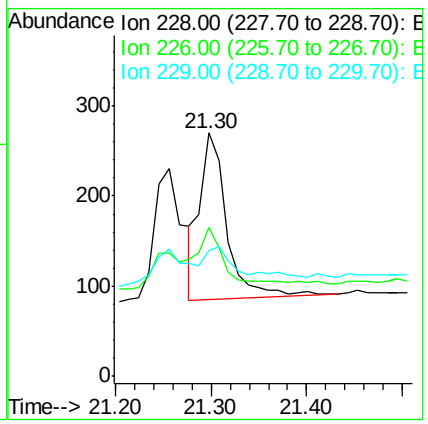




#19
Chrysene
Concen: 0.07 ng/ul
RT: 21.30 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:228 Resp: 365

Ion	Ratio	Lower	Upper
228	100		
226	61.1	23.4	35.0#
229	51.5	17.7	26.5#



Instrument :
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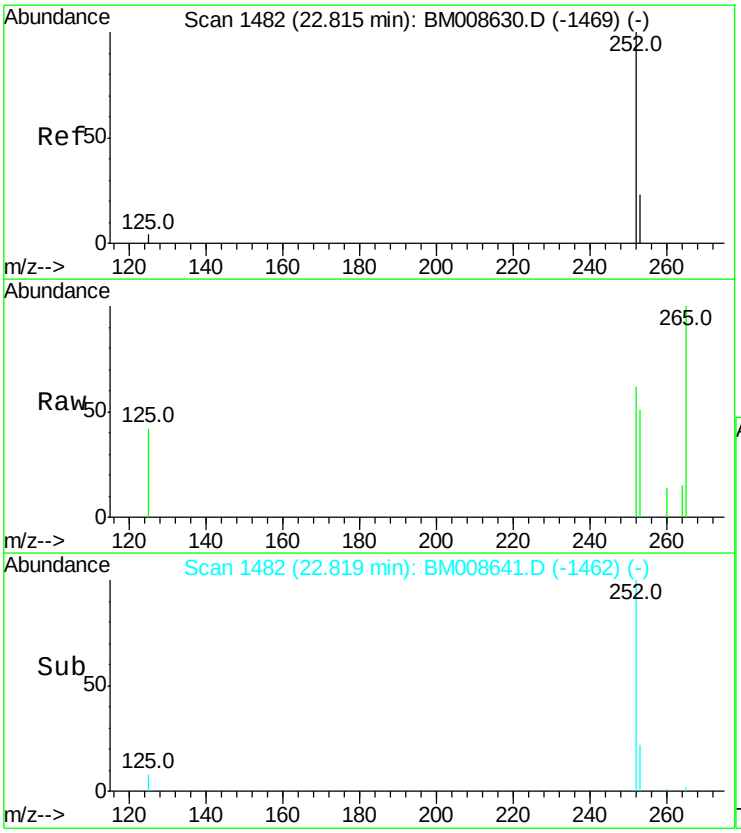
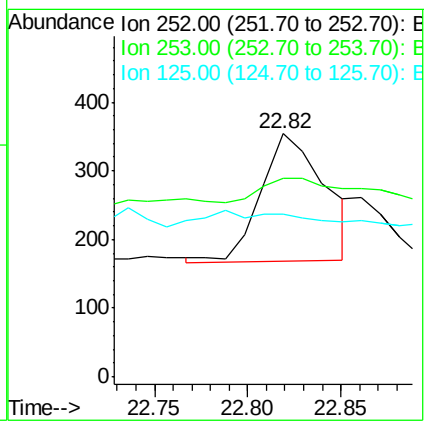
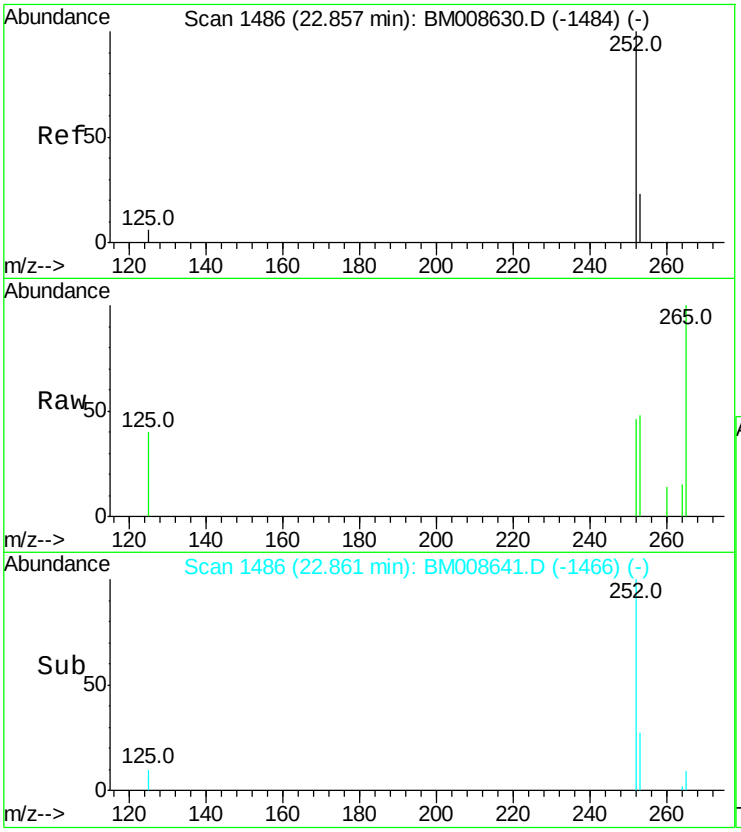


#21
Benzo(b)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:252 Resp: 446

Ion	Ratio	Lower	Upper
252	100		
253	81.9	0.0	64.2#
125	66.9	0.0	35.0#

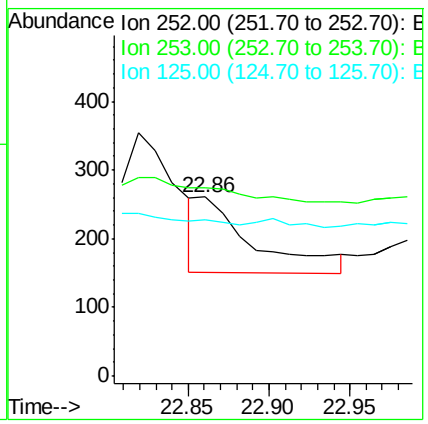




#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:252 Resp: 258

Ion	Ratio	Lower	Upper
252	100		
253	105.0	24.5	36.7#
125	87.0	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
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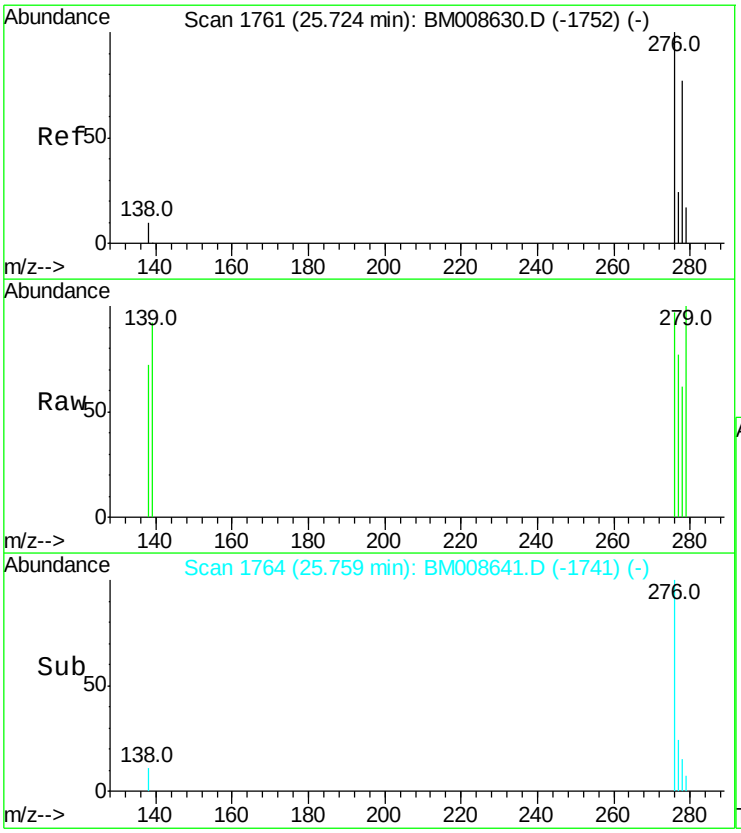

#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. 0.03 min
Lab File: BM008641.D
Acq: 24 Dec 2016 20:00

Tgt Ion:276 Resp: 190

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.1	28.7
277	27.4	19.6	29.4