Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040617\
Data File : BM009556.D
Acq On : 05 Apr 2017 14:10
Operator : SJ/MA
Sample : I2524-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB356

Quant Time: Apr 05 14:39:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 13:39:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	104511	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	404884	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	228128	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	564470	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	851837	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	853782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	110636	17.77	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	438617	19.62	ng/ul	0.00
10) Fluorene-d10	15.48	176	343885	21.39	ng/ul	0.00
15) Anthracene-d10	17.33	188	569973	21.11	ng/ul	0.00
19) Pyrene-d10	19.63	212	743685	21.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	829014	21.99	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.28	178	110338	3.48	ng/ul	96
16) Anthracene	17.28	178	110338	3.36	ng/ul	97
17) Fluoranthene	19.29	202	200614	5.08	ng/ul#	96
20) Pyrene	19.66	202	234137	5.05	ng/ul	96
21) Benzo(a)anthracene	21.40	228	131707	2.73	ng/ul	97
22) Chrysene	21.45	228	142944	3.24	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	179858	3.41	ng/ul#	71
25) Benzo(k)fluoranthene	23.03	252	179858	3.57	ng/ul#	71
27) Benzo(a)pyrene	23.53	252	86831	1.73	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.09	276	80044	1.42	ng/ul	93
30) Benzo(g,h,i)perylene	26.82	276	75257	1.62	ng/ul#	90

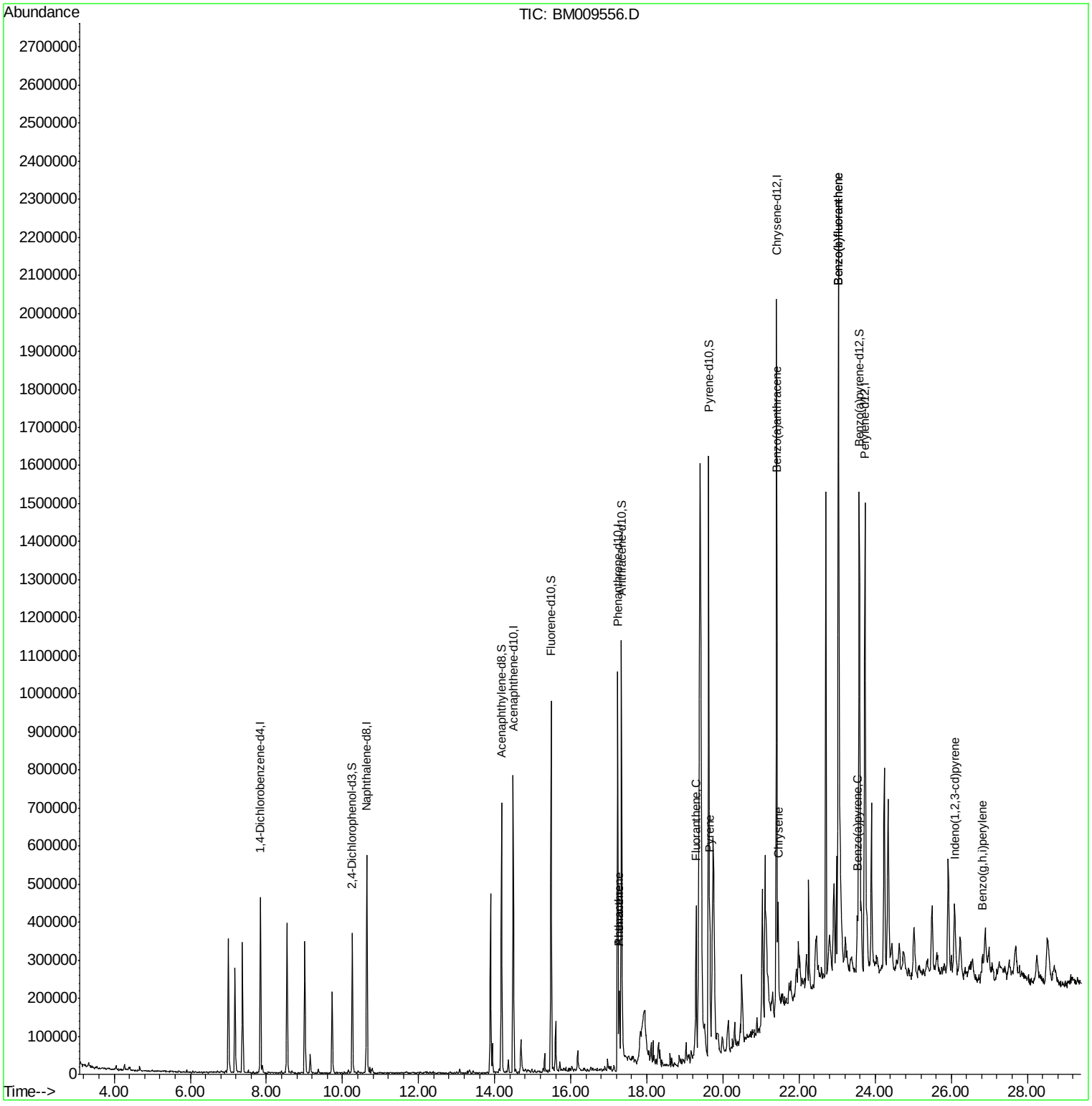
(#) = qualifier out of range (m) = manual integration (+) = signals summed

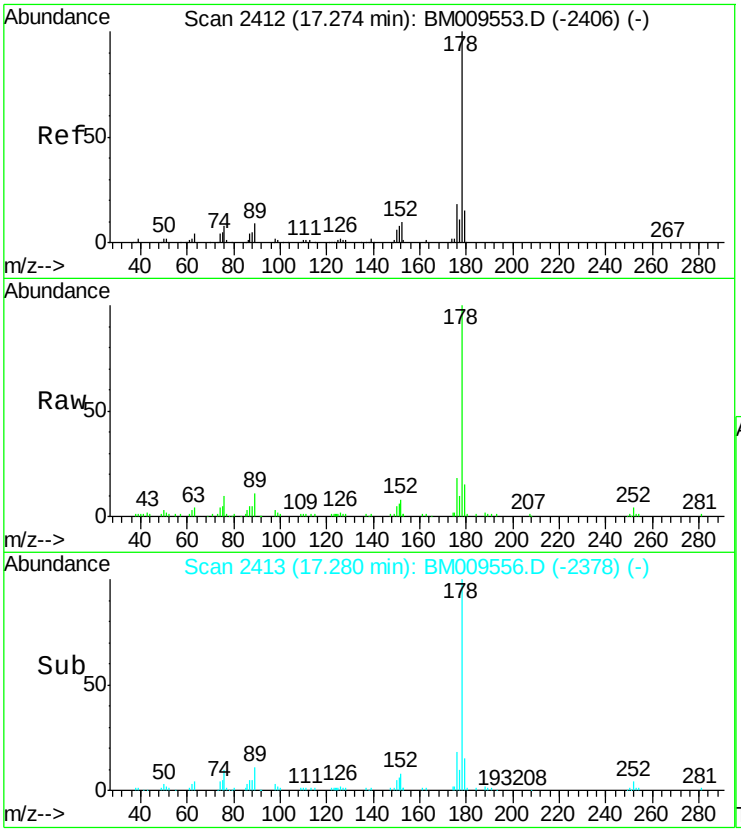
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040617\
Data File : BM009556.D
Acq On : 05 Apr 2017 14:10
Operator : SJ/MA
Sample : I2524-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB356

Quant Time: Apr 05 14:39:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 13:39:58 2017
Response via : Initial Calibration



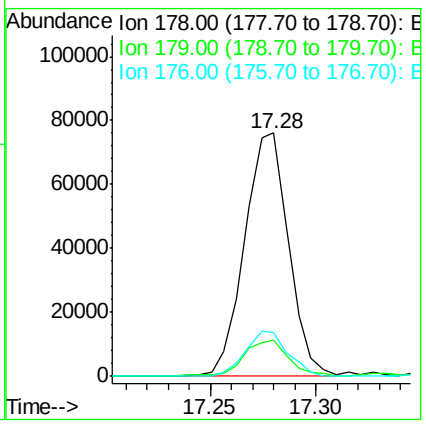


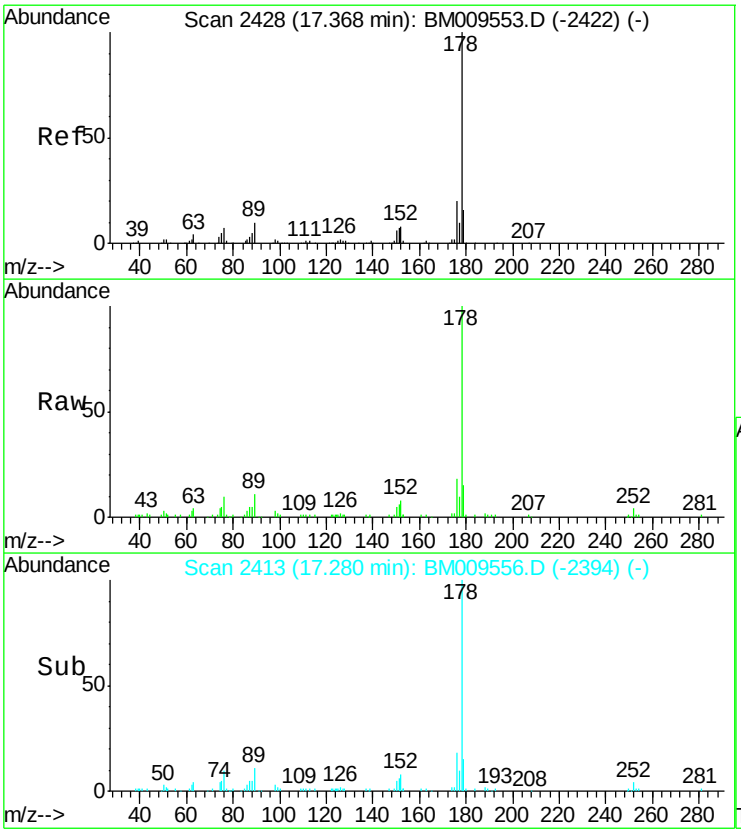
#14
Phenanthrene
Concen: 3.48 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:178 Resp: 110338

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	17.9	16.4	24.6

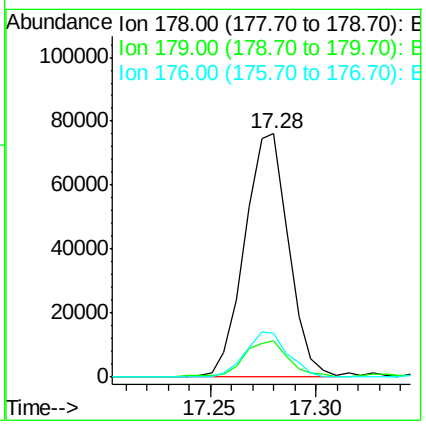


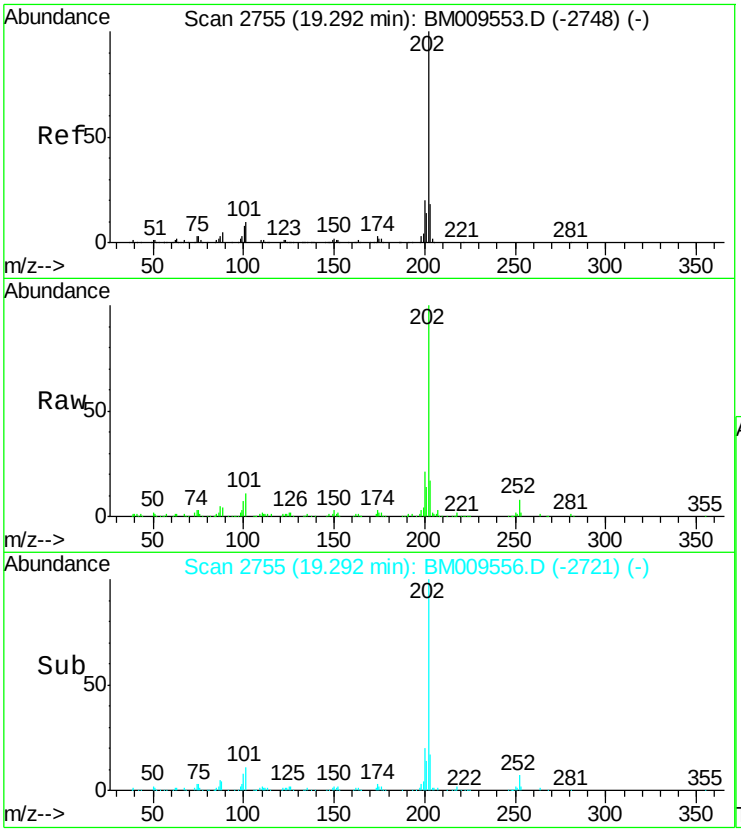


#16
Anthracene
Concen: 3.36 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. -0.09 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion:178 Resp: 110338

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.7	19.1
176	17.9	15.8	23.8



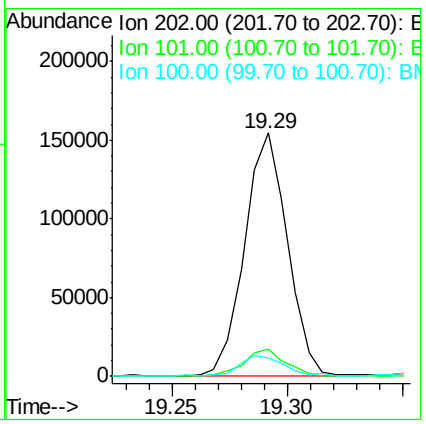


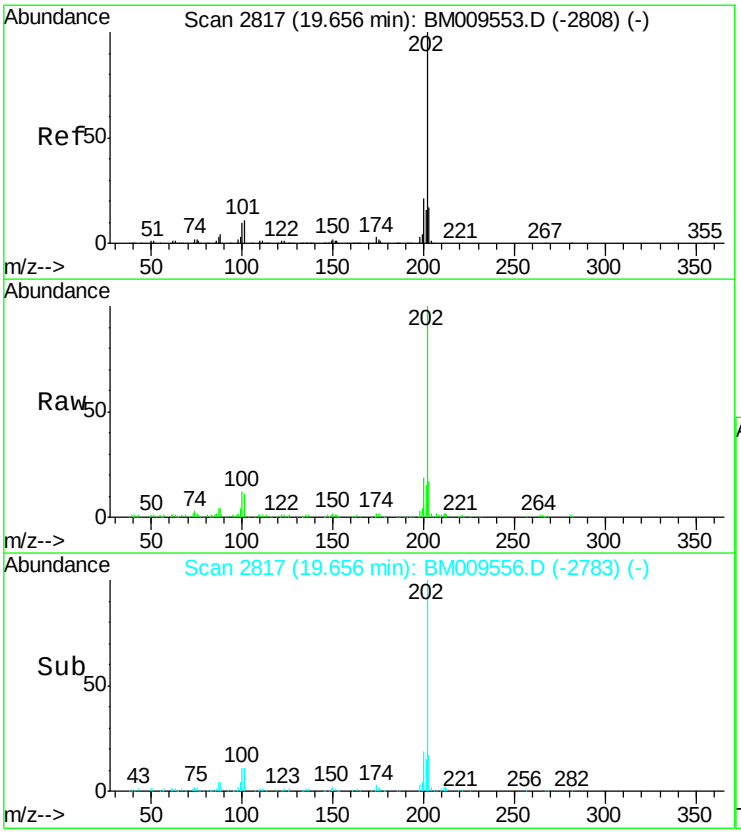
#17
Fluoranthene
Concen: 5.08 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:202 Resp: 200614

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
100	7.5	7.5	11.3#

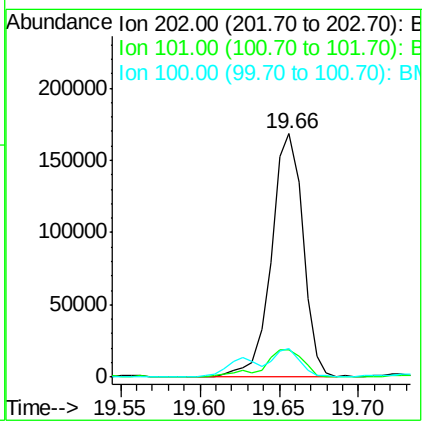


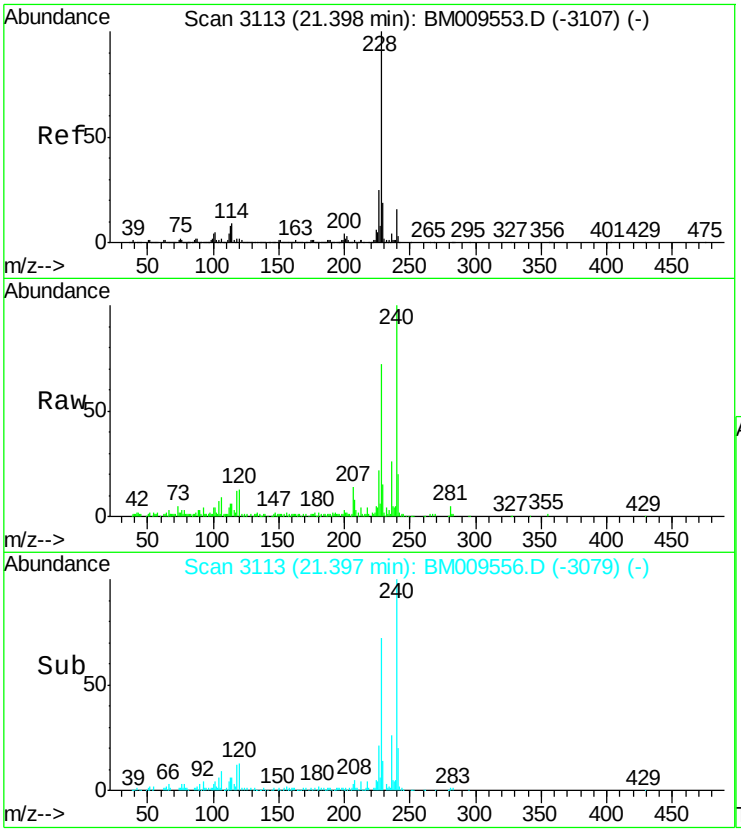


#20
Pyrene
Concen: 5.05 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion:202 Resp: 234137

Ion	Ratio	Lower	Upper
202	100		
101	11.3	11.2	16.8
100	11.5	9.8	14.6



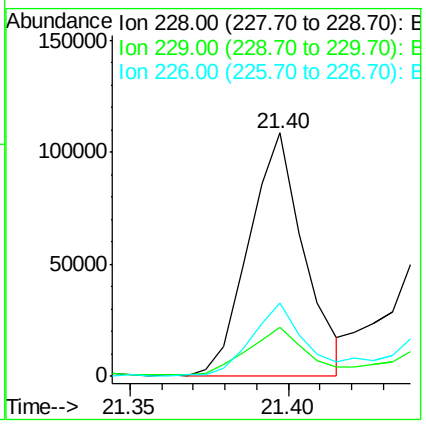


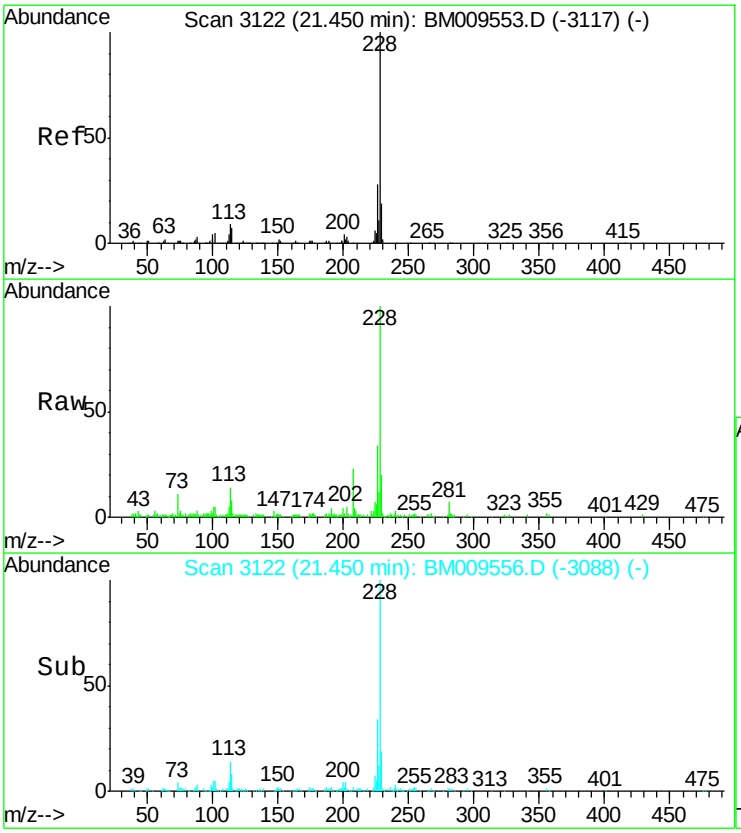
#21
Benzo(a)anthracene
Concen: 2.73 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:228 Resp: 131707

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	30.0	22.1	33.1

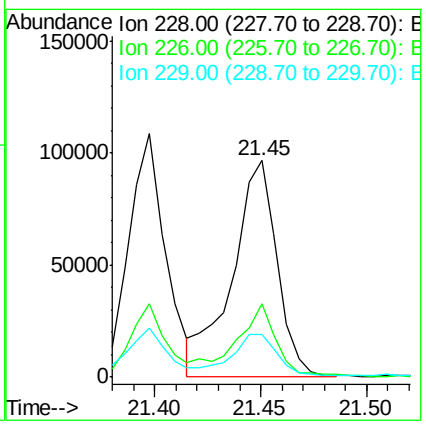


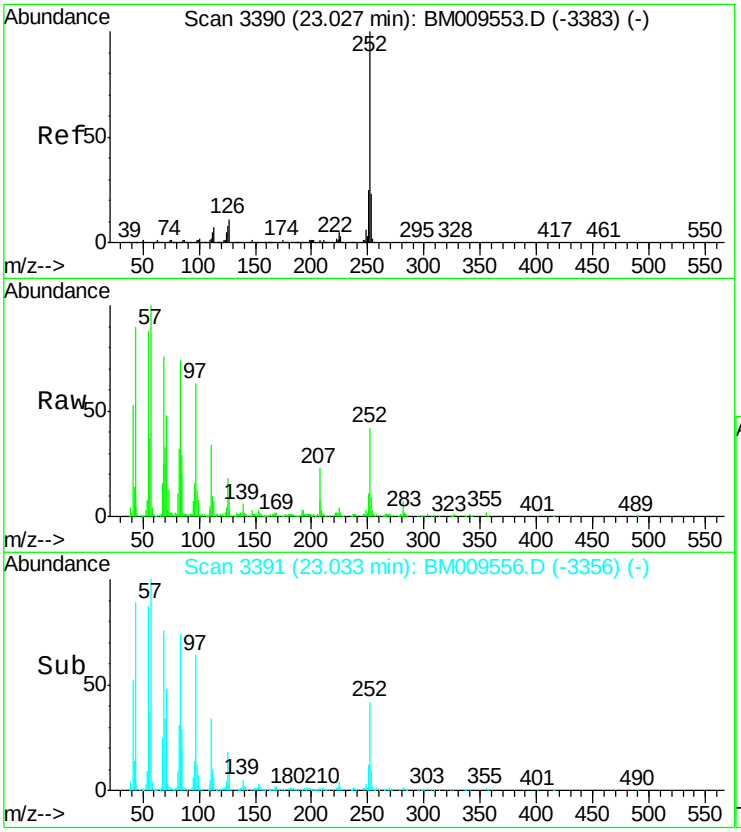


#22
Chrysene
Concen: 3.24 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion:228 Resp: 142944

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.0	37.6
229	19.9	16.6	25.0



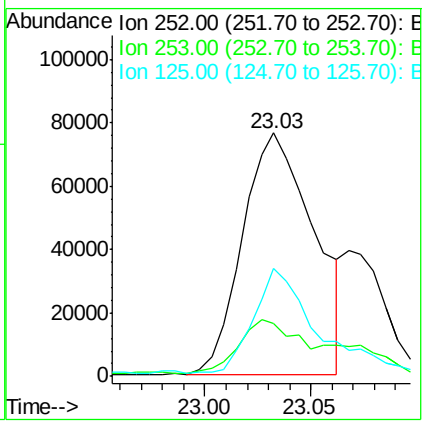


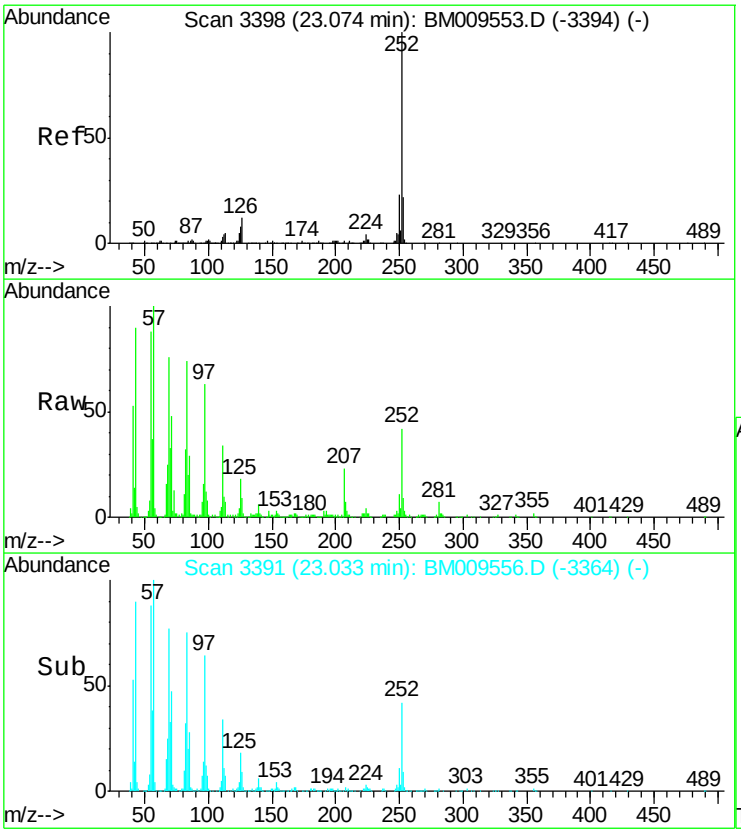
#24
Benzo(b)fluoranthene
Concen: 3.41 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:252 Resp: 179858

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	44.1	9.4	14.0#

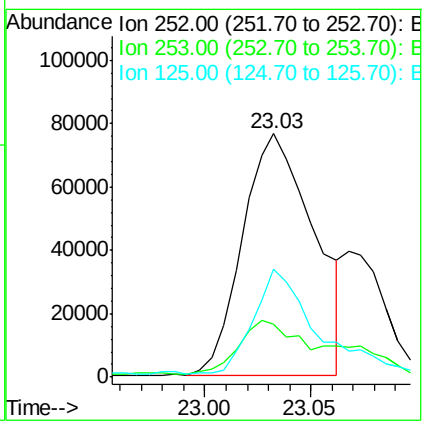


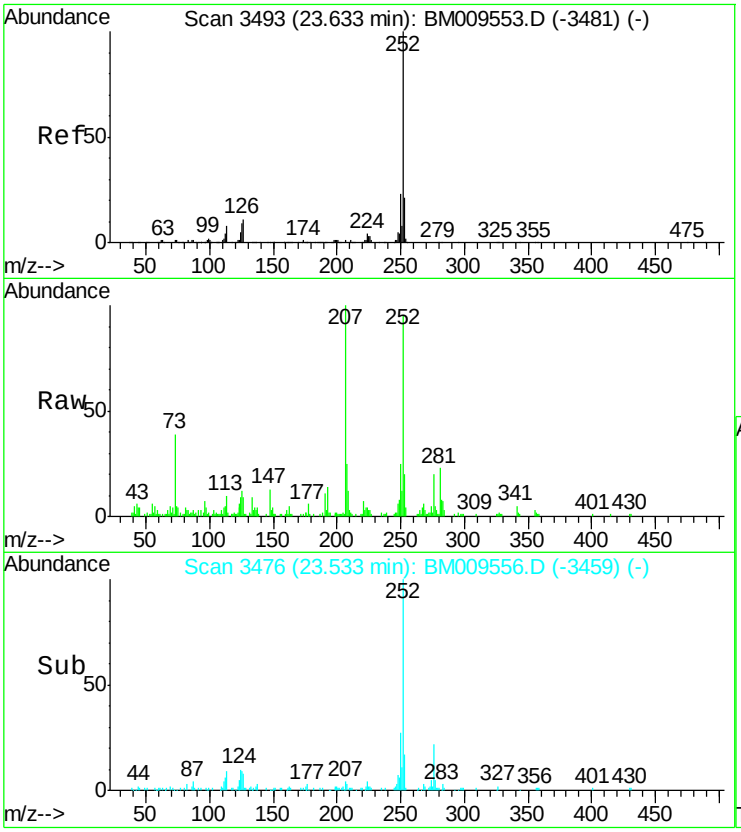


#25
Benzo(k)fluoranthene
Concen: 3.57 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion:252 Resp: 179858

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	44.1	8.8	13.2#



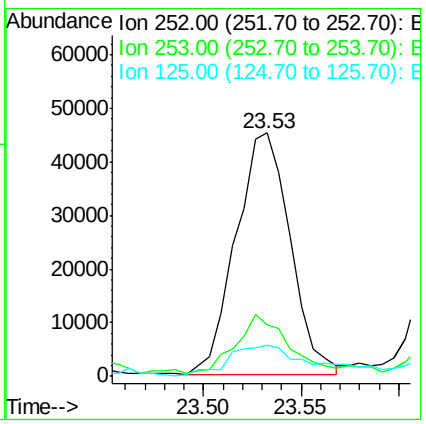


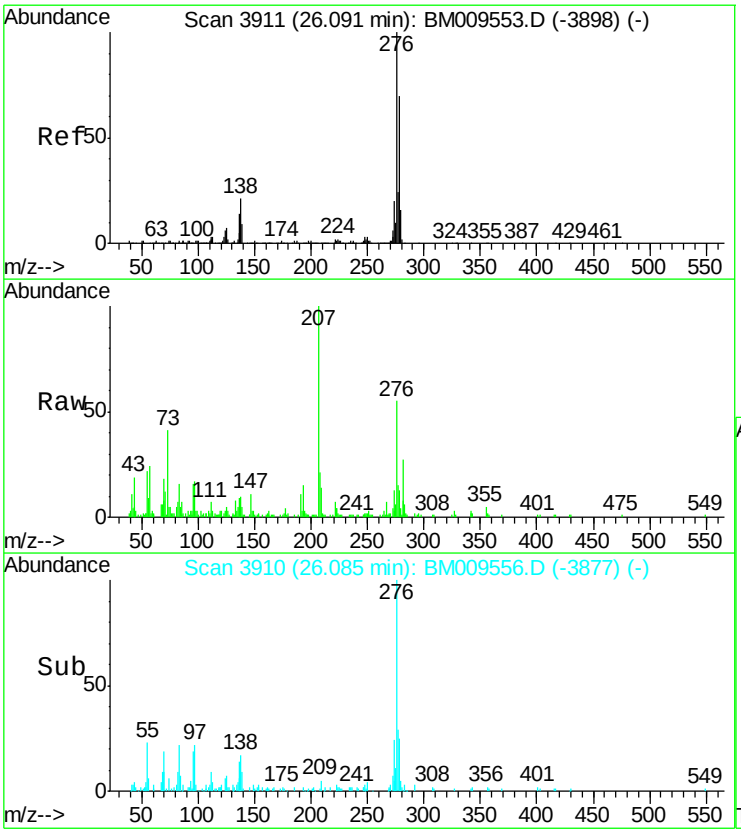
#27
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. -0.10 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:252 Resp: 86831

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.0	9.4	14.2

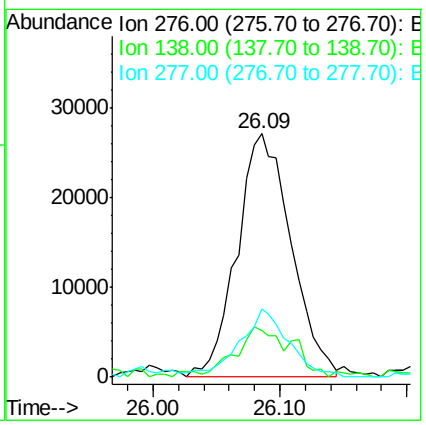


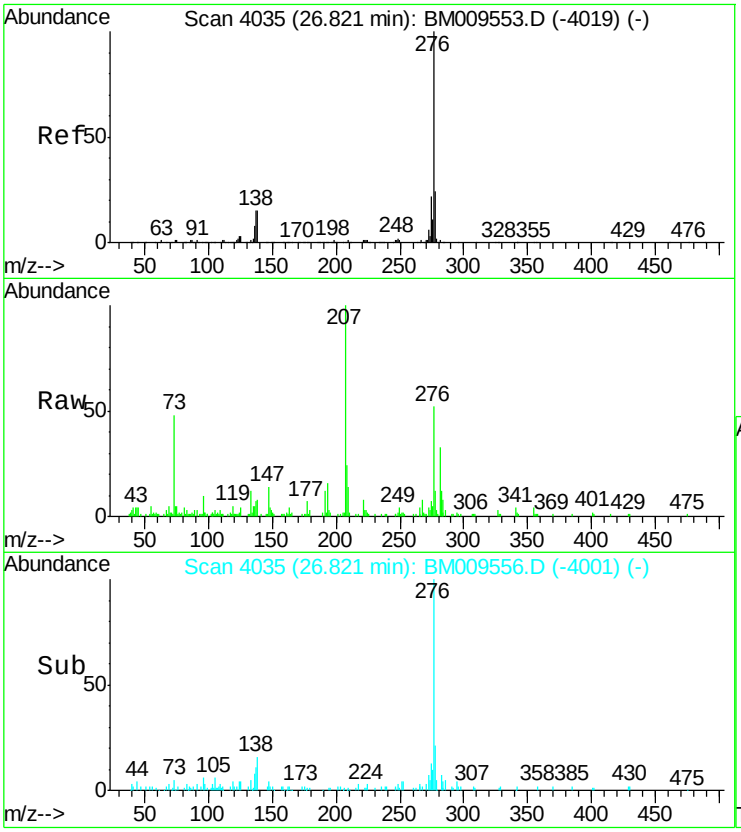


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.42 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion:276 Resp: 80044

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.8	26.6
277	27.9	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 1.62 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tgt Ion:276 Resp: 75257

Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.0	28.4#
277	22.6	19.7	29.5