Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002540.D
Acq On : 22 Aug 2015 02:54
Operator : UM/IZ
Sample : G3372-19MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DW9MSD

Quant Time: Aug 22 03:30:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	135437	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	638329	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	341844	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	710807	20.00	ng/ul	0.00
17) Chrysene-d12	22.19	240	633041	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	482765	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	642151	18.37	ng/ul	0.00
10) Fluorene-d10	16.37	176	419815	17.10	ng/ul	0.00
14) Anthracene-d10	18.21	188	594237	17.33	ng/ul	0.00
18) Pyrene-d10	20.43	212	551635	19.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	332866	13.13	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	15.47	153	445025	18.47	ng/ul	99
16) Fluoranthene	20.10	202	86786	1.87	ng/ul	99
19) Pyrene	20.46	202	837672	22.59	ng/ul	99
20) Benzo(a)anthracene	22.17	228	47040	1.24	ng/ul	96
21) Chrysene	22.17	228	46116	1.30	ng/ul	94
23) Benzo(b)fluoranthene	24.02	252	57871	1.98	ng/ul#	96
26) Benzo(a)pyrene	24.71	252	33823	1.21	ng/ul#	91
29) Benzo(g,h,i)perylene	28.49	276	32492	1.22	ng/ul	98

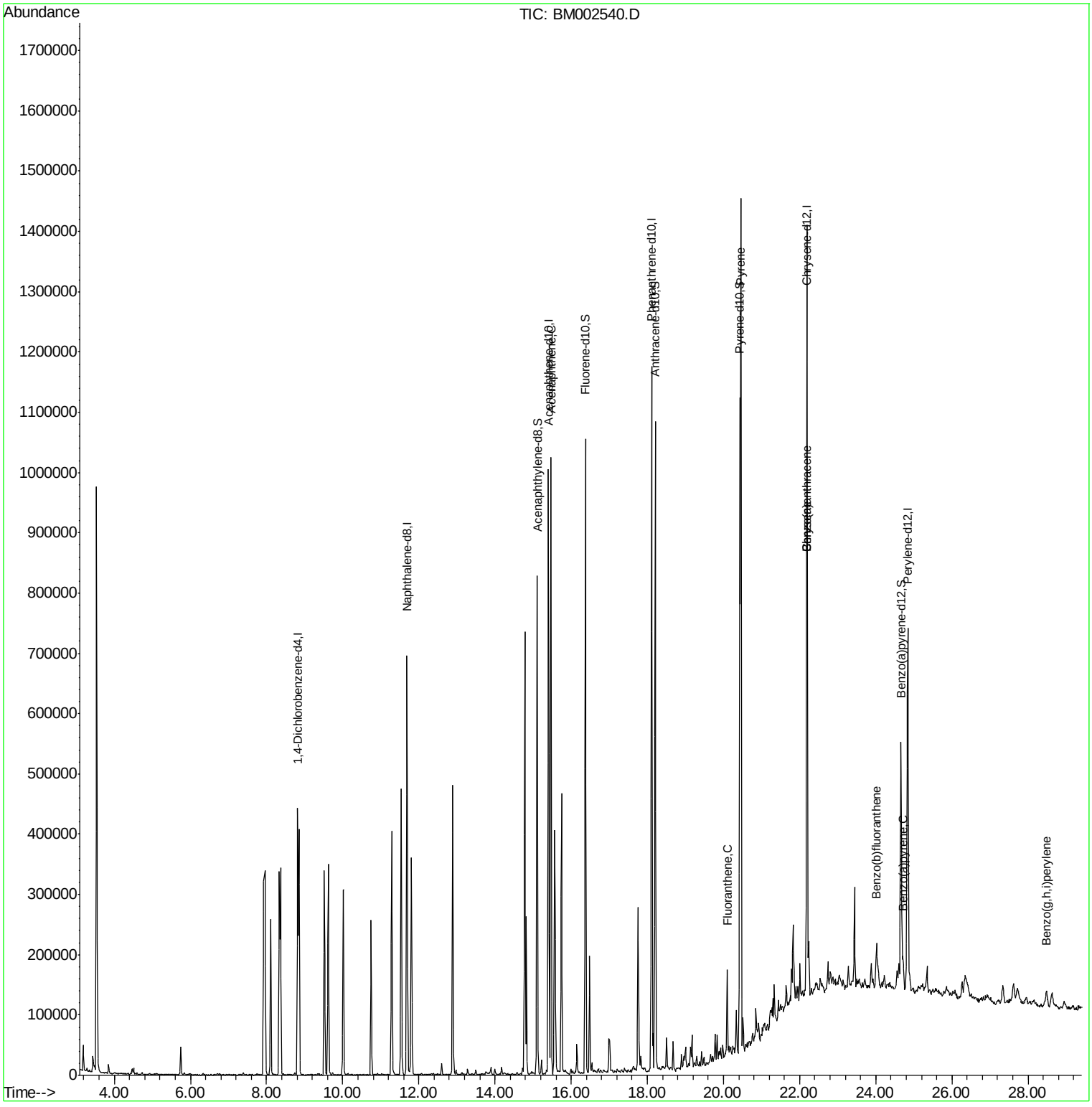
(#) = qualifier out of range (m) = manual integration (+) = signals summed

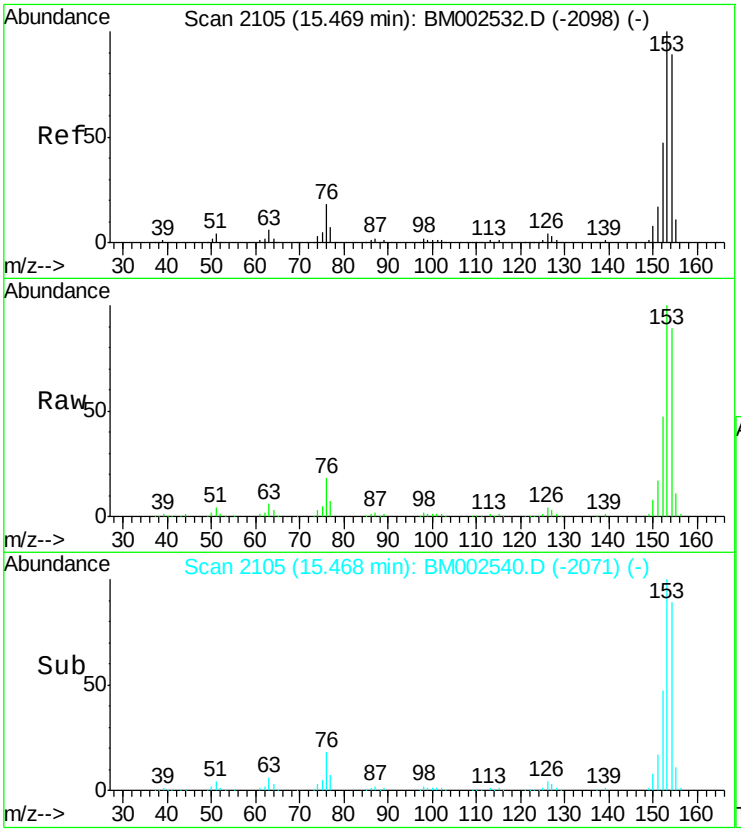
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002540.D
Acq On : 22 Aug 2015 02:54
Operator : UM/IZ
Sample : G3372-19MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DW9MSD

Quant Time: Aug 22 03:30:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration



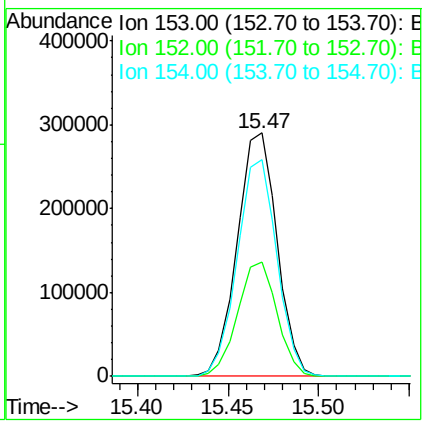


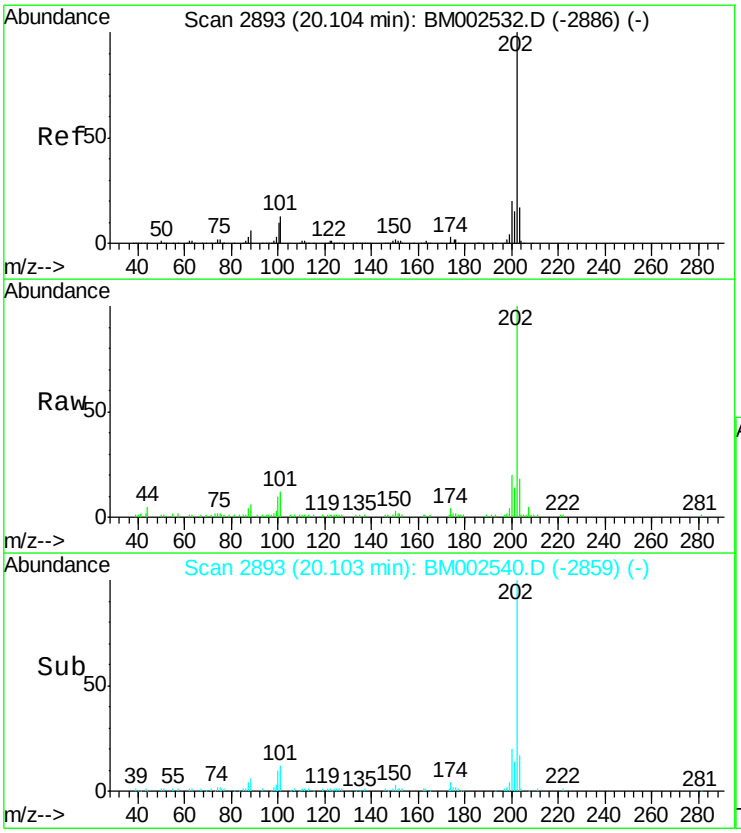
#9
Acenaphthene
Concen: 18.47 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Instrument :
BNA_M
ClientSampleId :
D9DW9MSD

Tgt Ion:153 Resp: 445025

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.9	55.3
154	89.0	71.3	106.9

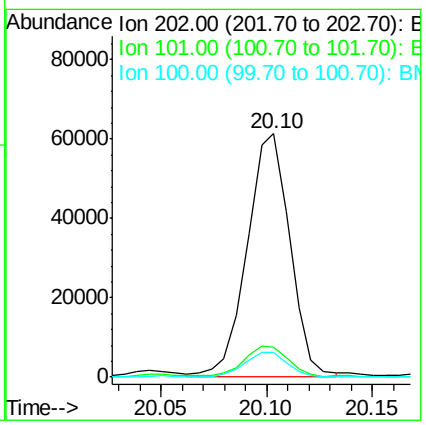


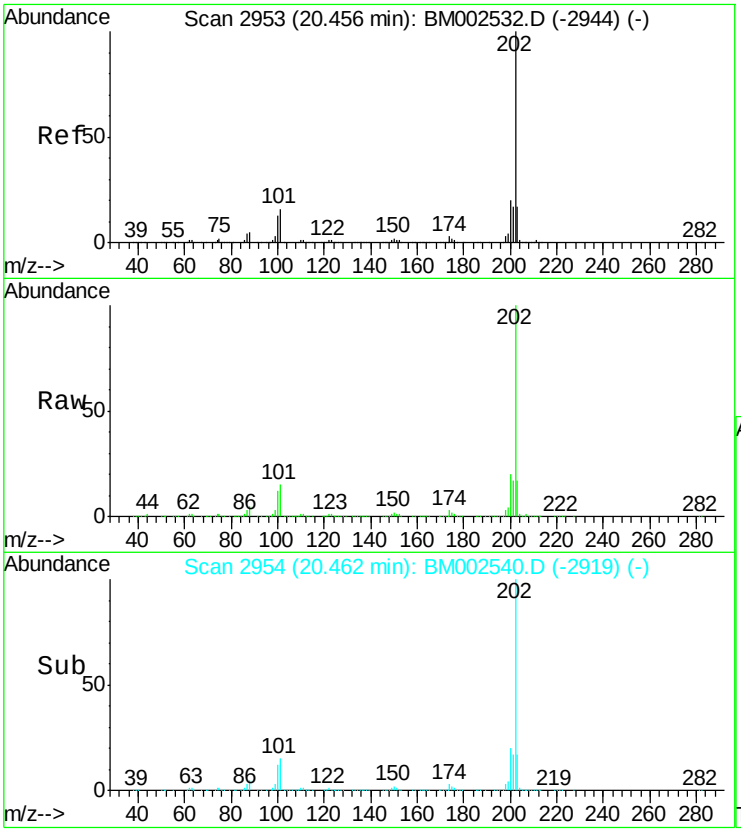


#16
Fluoranthene
Concen: 1.87 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Tgt Ion:202 Resp: 86786

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.9	7.4	11.2



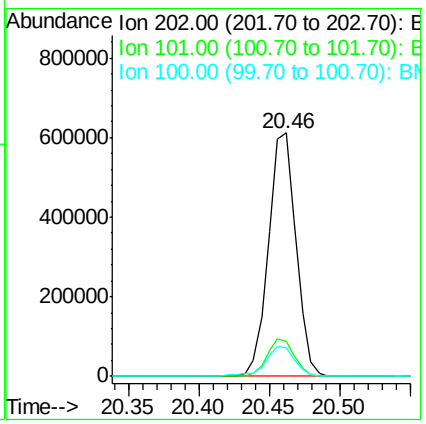


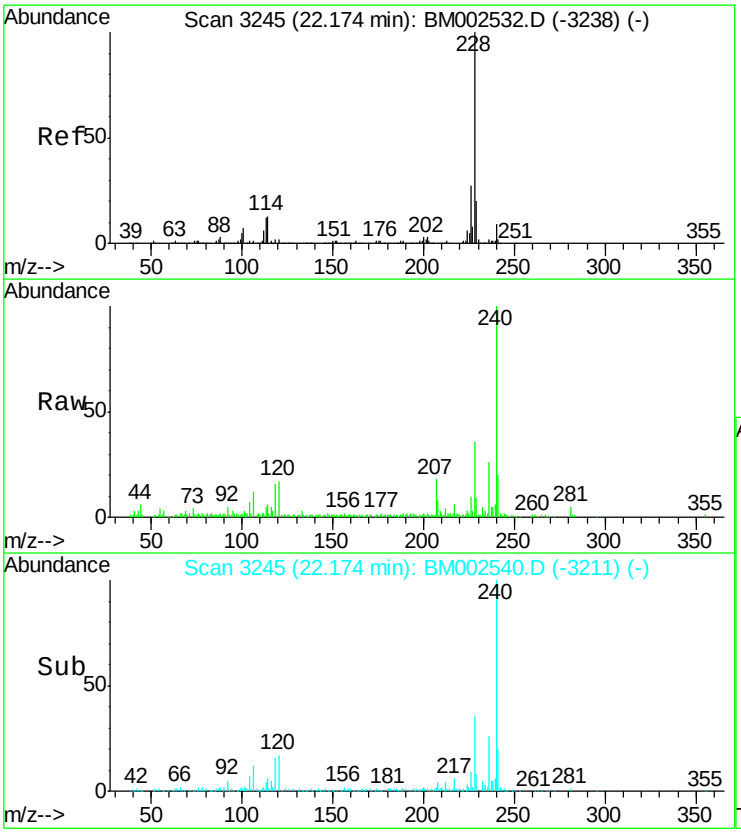
#19
Pyrene
Concen: 22.59 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Instrument :
BNA_M
ClientSampleId :
D9DW9MSD

Tgt Ion:202 Resp: 837672

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.0	18.0
100	12.0	9.7	14.5

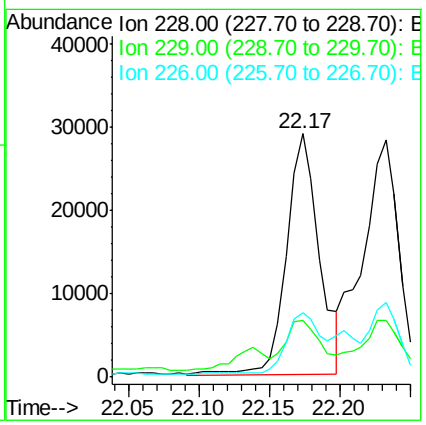


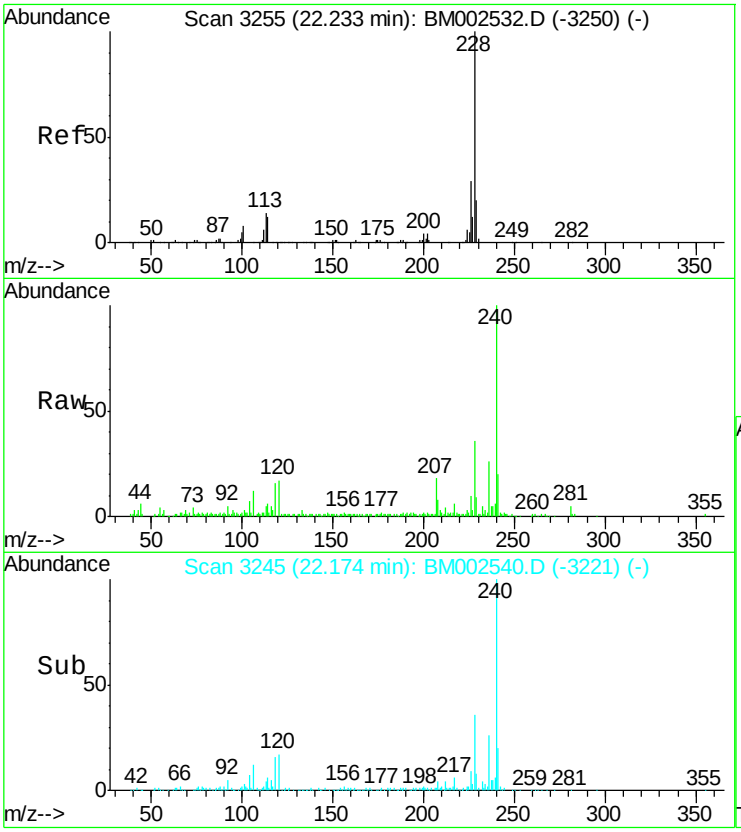


#20
Benzo(a)anthracene
Concen: 1.24 ng/ul
RT: 22.17 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Tgt Ion:228 Resp: 47040

Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.8	23.6
226	26.6	21.1	31.7



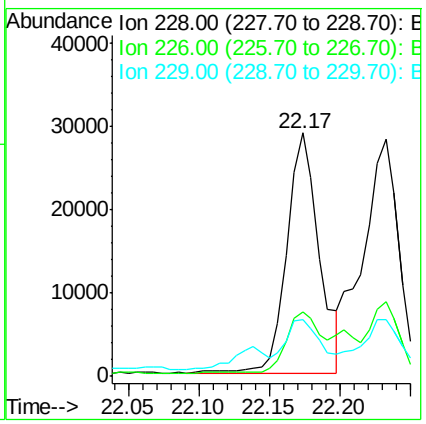


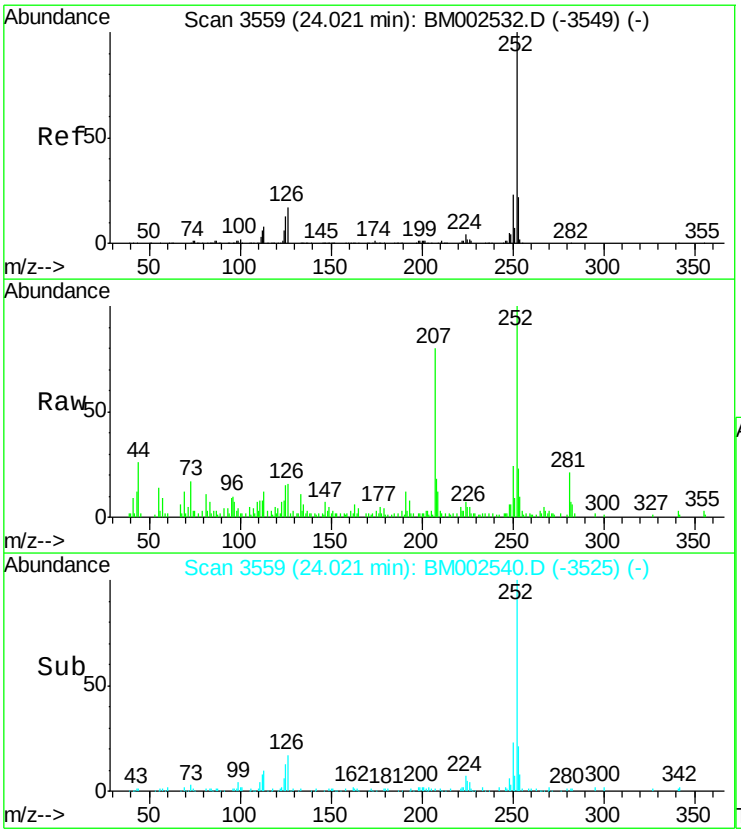
#21
Chrysene
Concen: 1.30 ng/ul
RT: 22.17 min Scan# 3245
Delta R.T. -0.06 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Instrument :
BNA_M
ClientSampleId :
D9DW9MSD

Tgt Ion:228 Resp: 46116

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.2
229	23.5	15.7	23.5

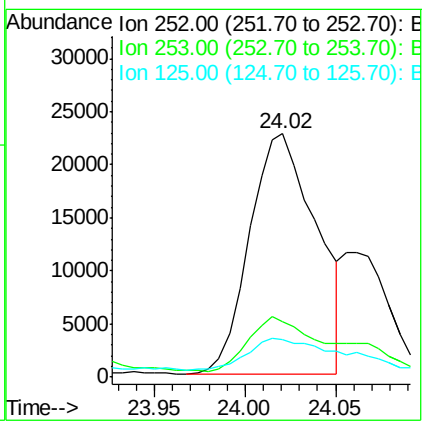


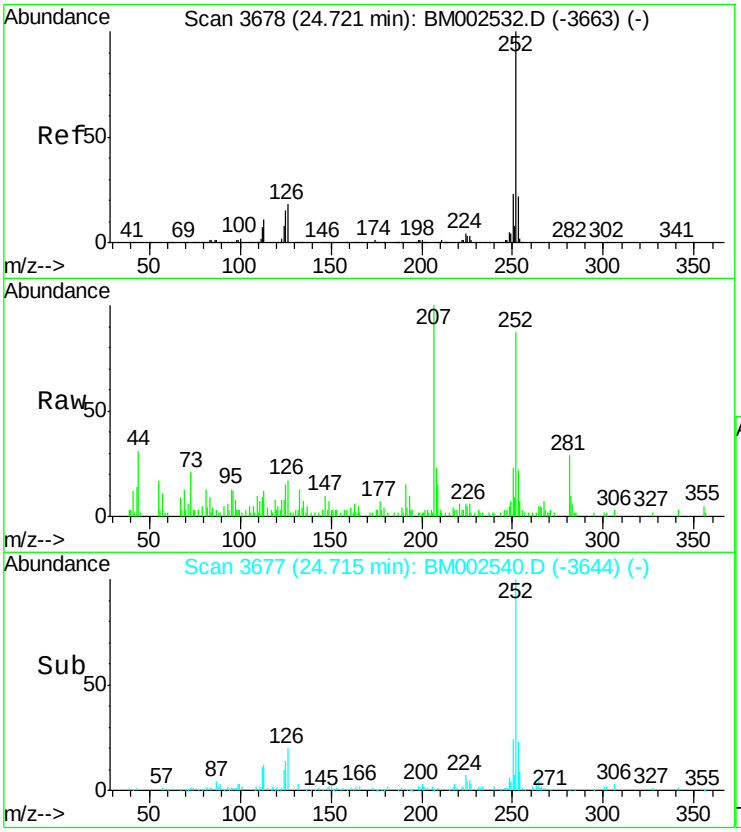


#23
Benzo(b)fluoranthene
Concen: 1.98 ng/ul
RT: 24.02 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Tgt Ion:252 Resp: 57871

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	15.2	10.0	15.0#



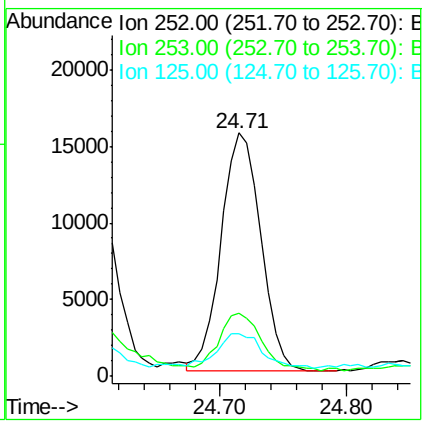


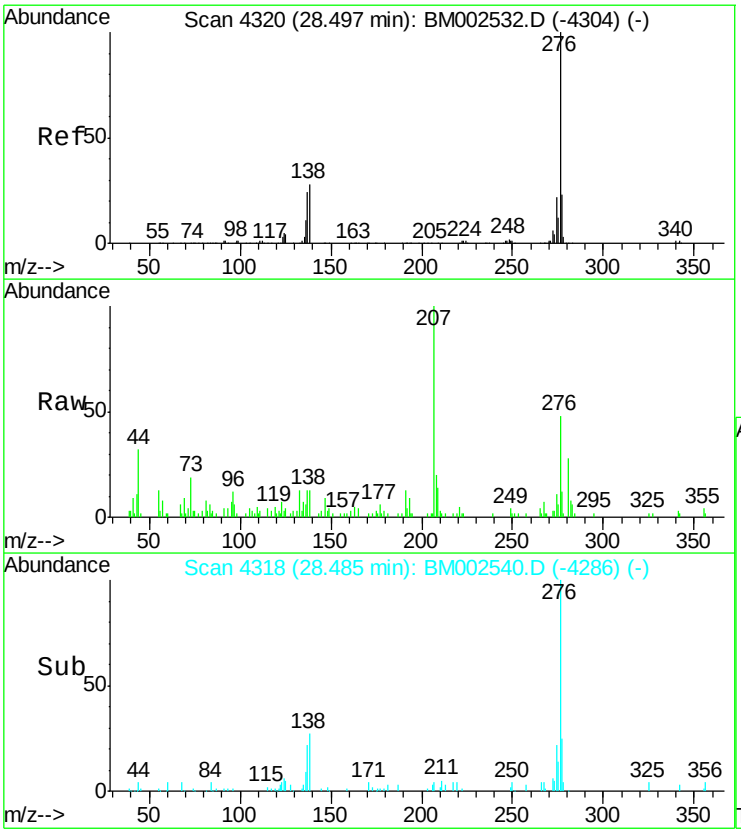
#26
Benzo(a)pyrene
Concen: 1.21 ng/ul
RT: 24.71 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Instrument :
BNA_M
ClientSampleId :
D9DW9MSD

Tgt Ion:252 Resp: 33823

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	17.3	10.7	16.1#





#29
Benzo(g,h,i)perylene
Concen: 1.22 ng/ul
RT: 28.49 min Scan# 4318
Delta R.T. -0.01 min
Lab File: BM002540.D
Acq: 22 Aug 2015 02:54

Tgt Ion:276 Resp: 32492

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.0	31.6
277	25.3	19.2	28.8