Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002616.D
Acq On : 01 Sep 2015 07:34
Operator : UM/IZ
Sample : G3457-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EB6

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:56:37 PM

Quant Time: Sep 01 08:07:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	96452	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	499611	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	290162	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	612920	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	538408	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	491184	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	607355	20.47	ng/ul	0.00
10) Fluorene-d10	16.34	176	376641	18.08	ng/ul	0.00
14) Anthracene-d10	18.17	188	537849	18.19	ng/ul	0.00
18) Pyrene-d10	20.40	212	414625	17.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	295740	11.46	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	226942	6.41	ng/ul	100
15) Anthracene	18.20	178	48564	1.35	ng/ul	98
16) Fluoranthene	20.07	202	310803	7.76	ng/ul	96
19) Pyrene	20.43	202	241282	7.65	ng/ul	99
20) Benzo(a)anthracene	22.14	228	127330	3.95	ng/ul	98
21) Chrysene	22.20	228	122947m	4.08	ng/ul	
23) Benzo(b)fluoranthene	23.97	252	141268	4.76	ng/ul#	94
24) Benzo(k)fluoranthene	24.01	252	42023m	1.49	ng/ul	
26) Benzo(a)pyrene	24.67	252	91879	3.24	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.54	276	61632	1.89	ng/ul	94
29) Benzo(g,h,i)perylene	28.40	276	64630	2.38	ng/ul	95

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

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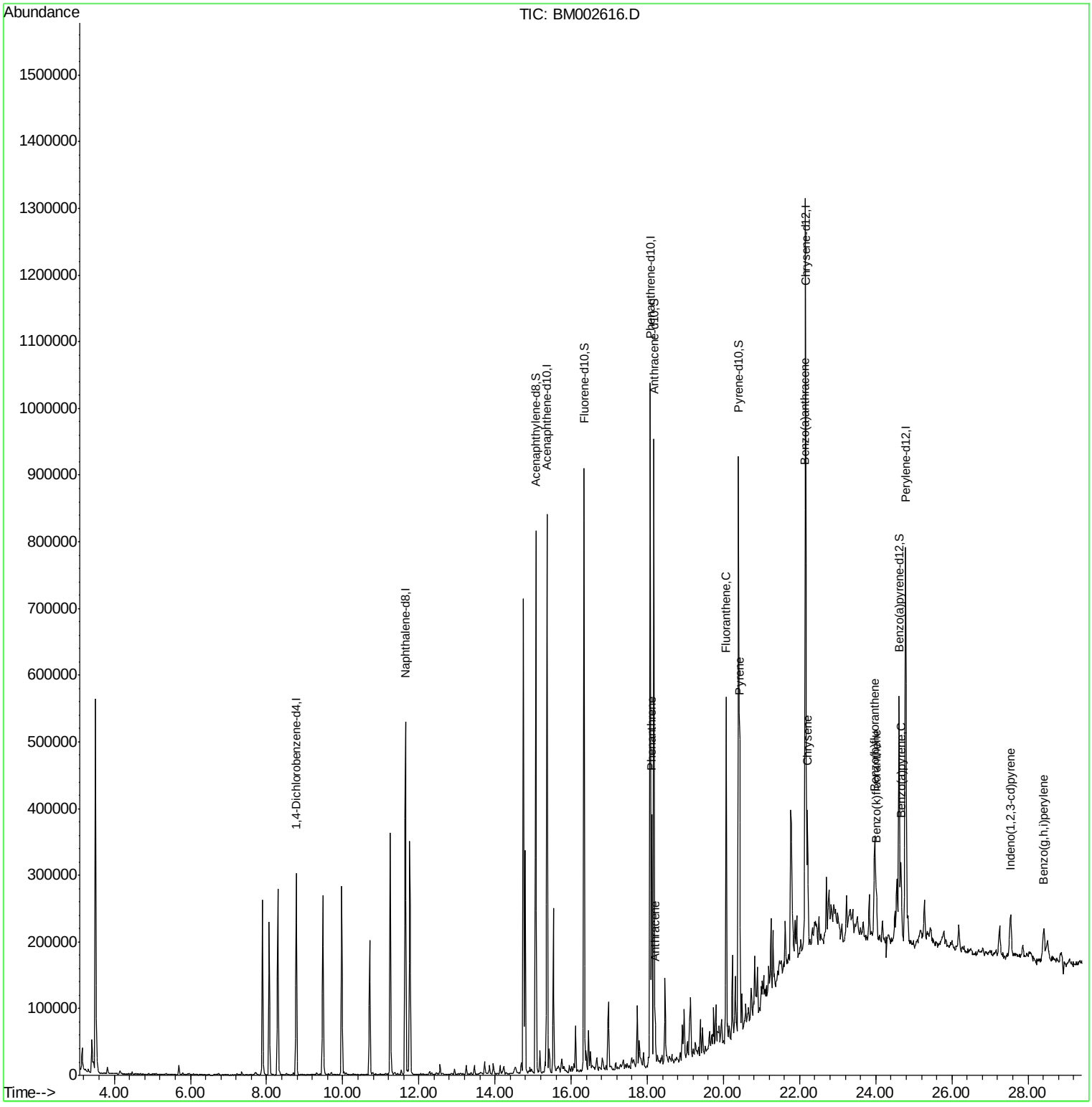
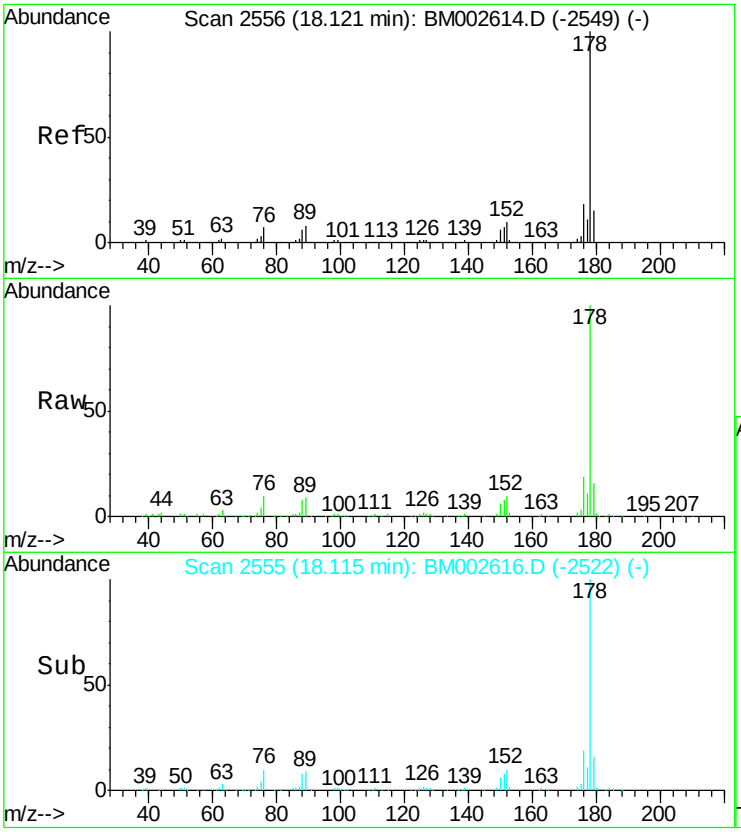
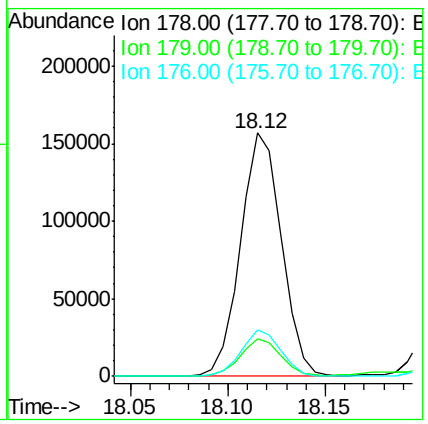




#13
Phenanthrene
Concen: 6.41 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:178 Resp: 226942

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.1	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EB6

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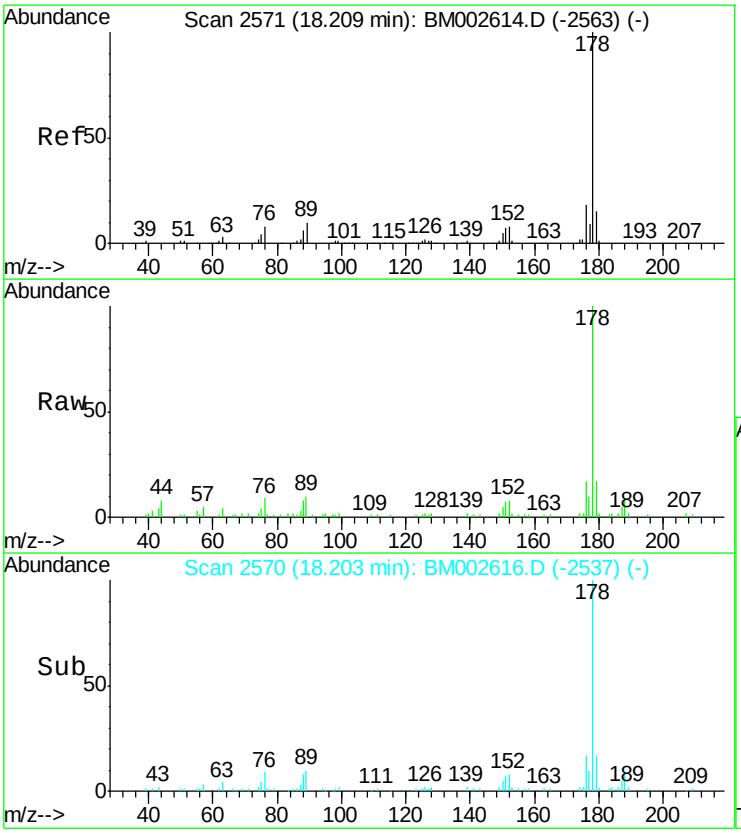
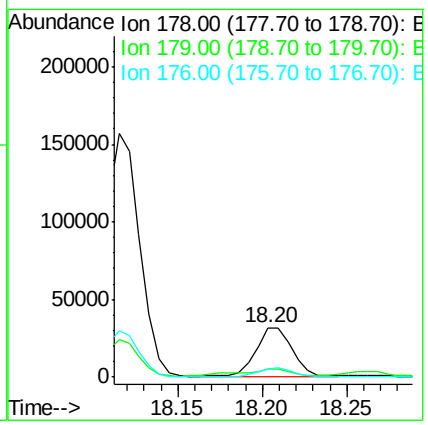
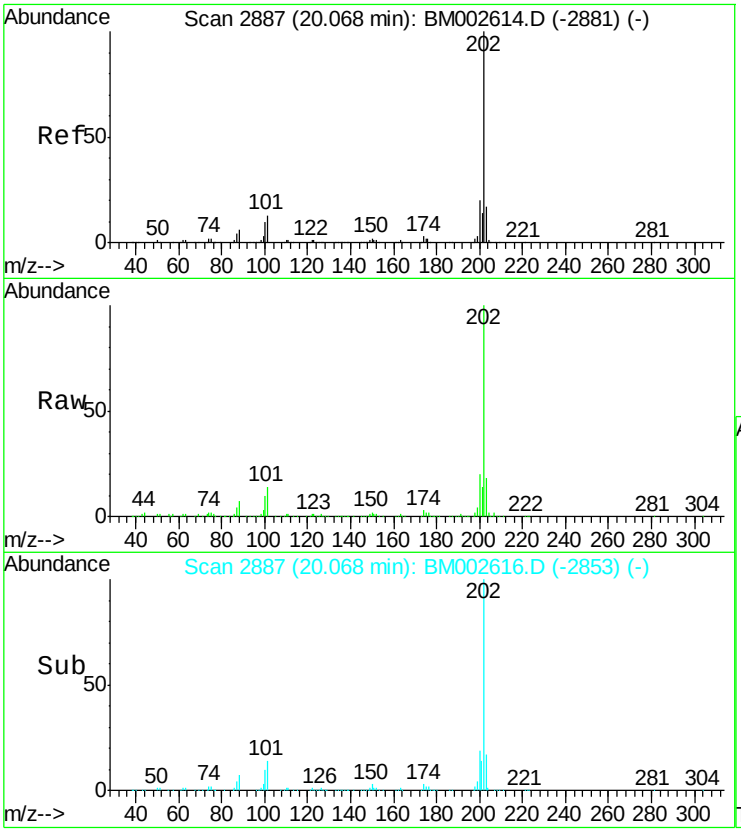


#15
Anthracene
Concen: 1.35 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:178 Resp: 48564

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	18.8
176	17.5	14.5	21.7

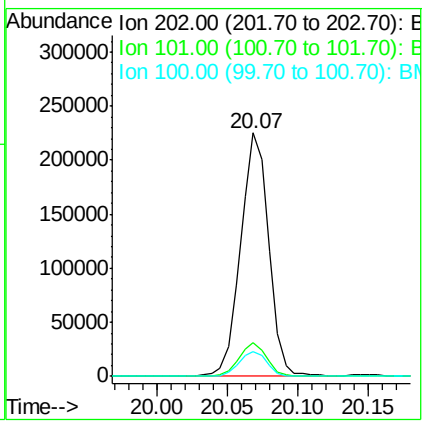




#16
Fluoranthene
Concen: 7.76 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:202 Resp: 310803

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.7	14.5
100	10.3	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9EB6

Manual Integrations APPROVED
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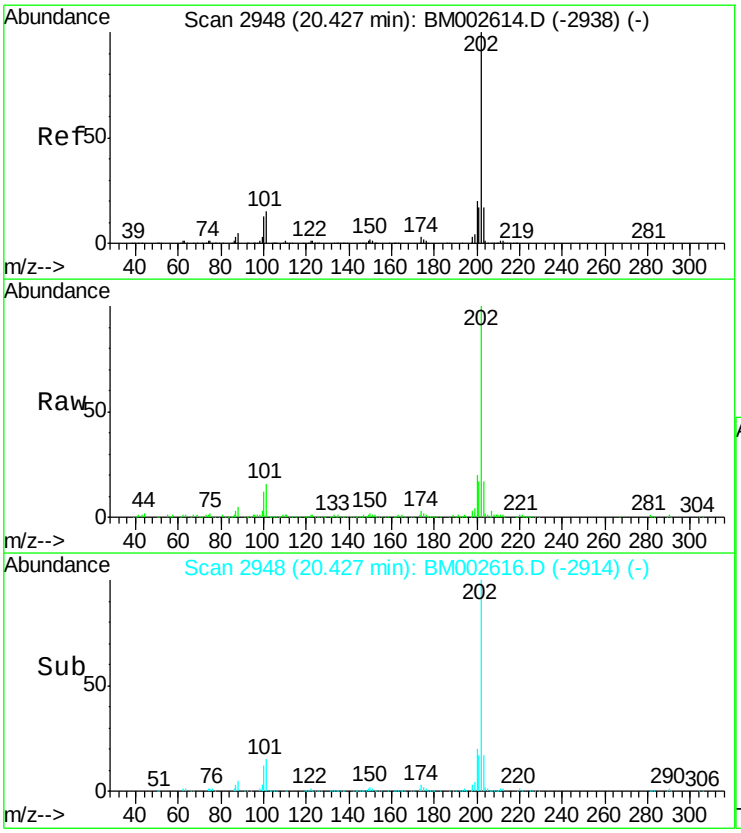
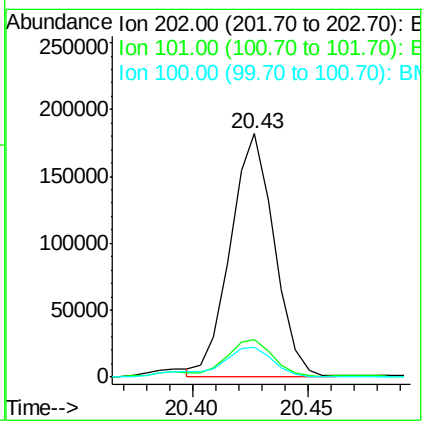
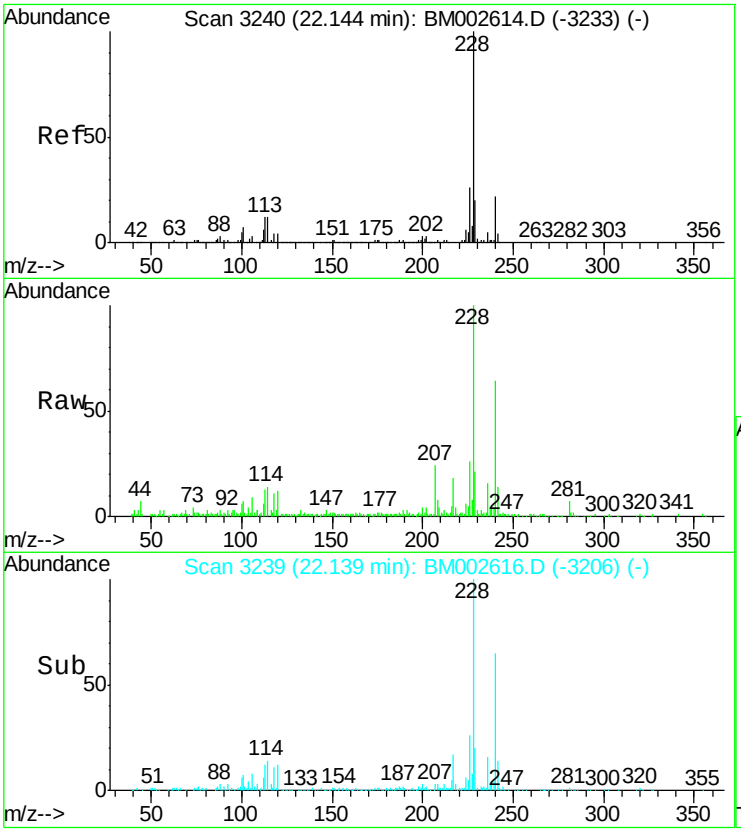


#19
Pyrene
Concen: 7.65 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:202 Resp: 241282

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.3	9.7	14.5

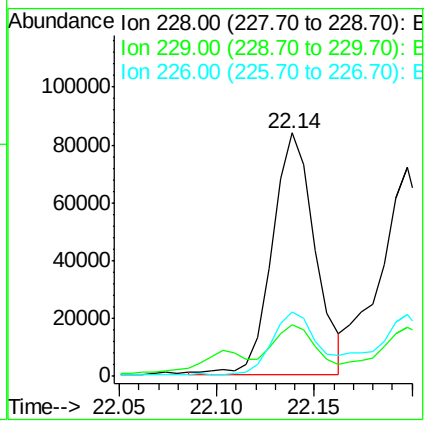




#20
Benzo(a)anthracene
Concen: 3.95 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:228 Resp: 127330

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	26.2	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9EB6

Manual Integrations APPROVED
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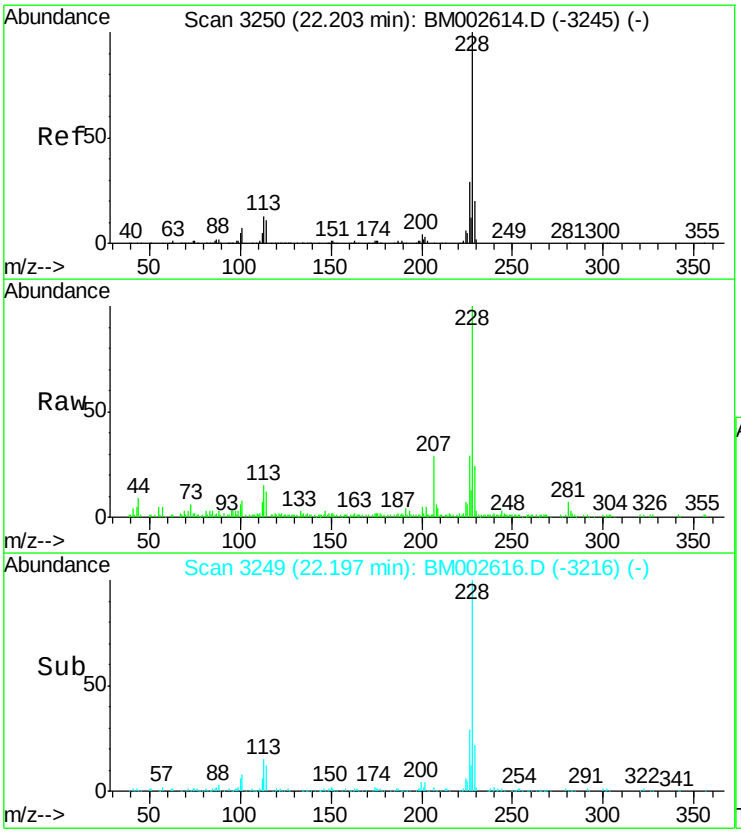
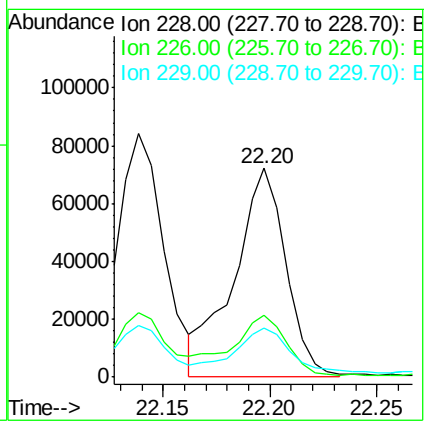
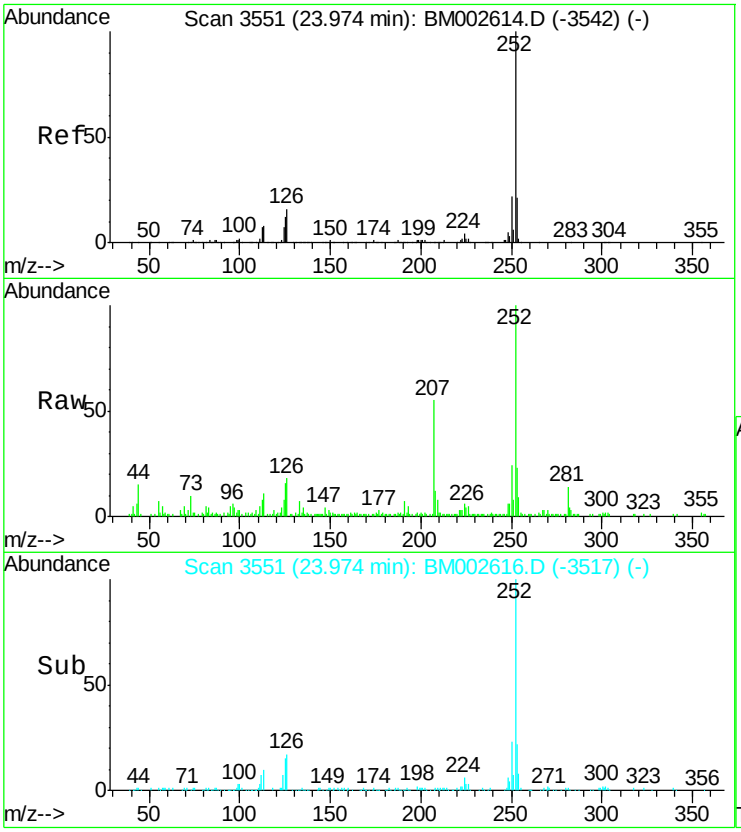


#21
Chrysene
Concen: 4.08 ng/ul m
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:228 Resp: 122947

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	23.6	15.7	23.5#

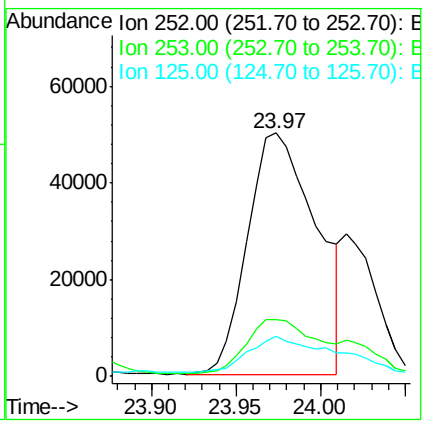




#23
Benzo(b)fluoranthene
Concen: 4.76 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:252 Resp: 141268

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	16.4	10.0	15.0#



Instrument :
BNA_M
ClientSampleId :
D9EB6

Manual Integrations APPROVED
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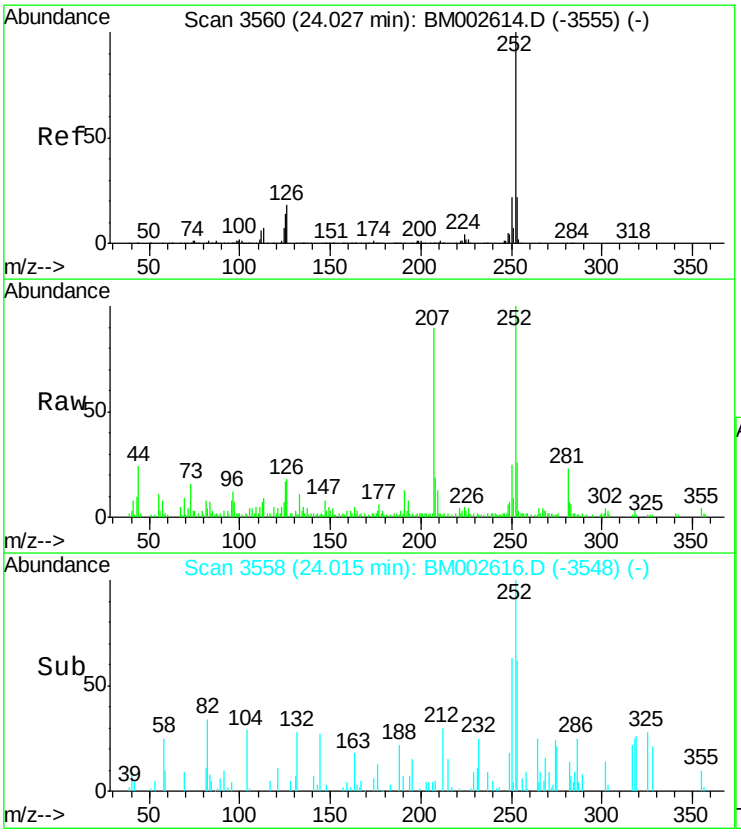
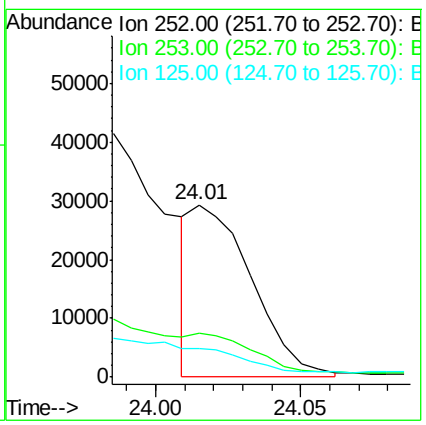
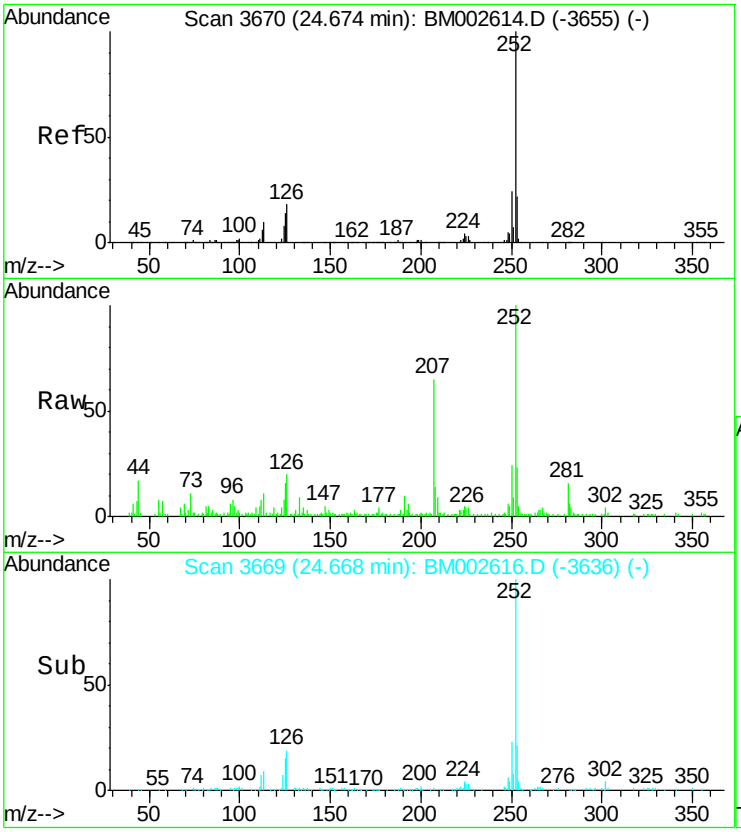


#24
Benzo(k)fluoranthene
Concen: 1.49 ng/ul m
RT: 24.01 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:252 Resp: 42023

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	16.8	9.8	14.8#

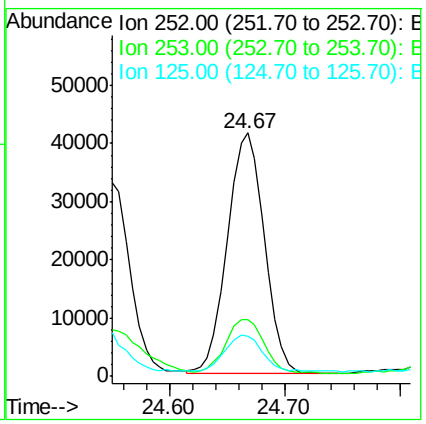




#26
Benzo(a)pyrene
Concen: 3.24 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:252 Resp: 91879

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	16.4	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
D9EB6

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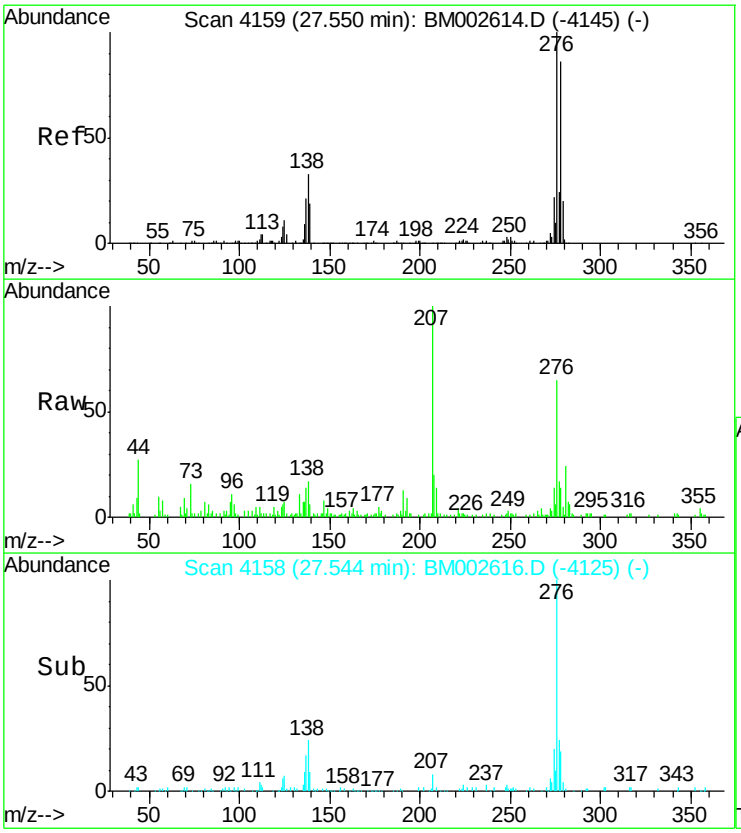
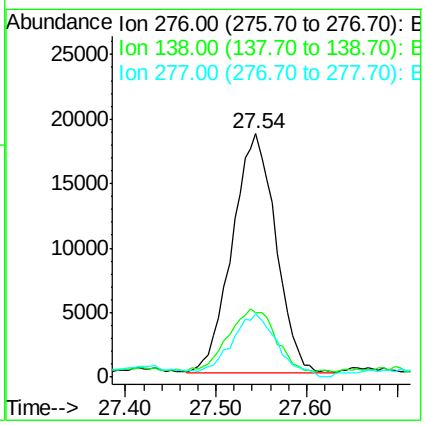
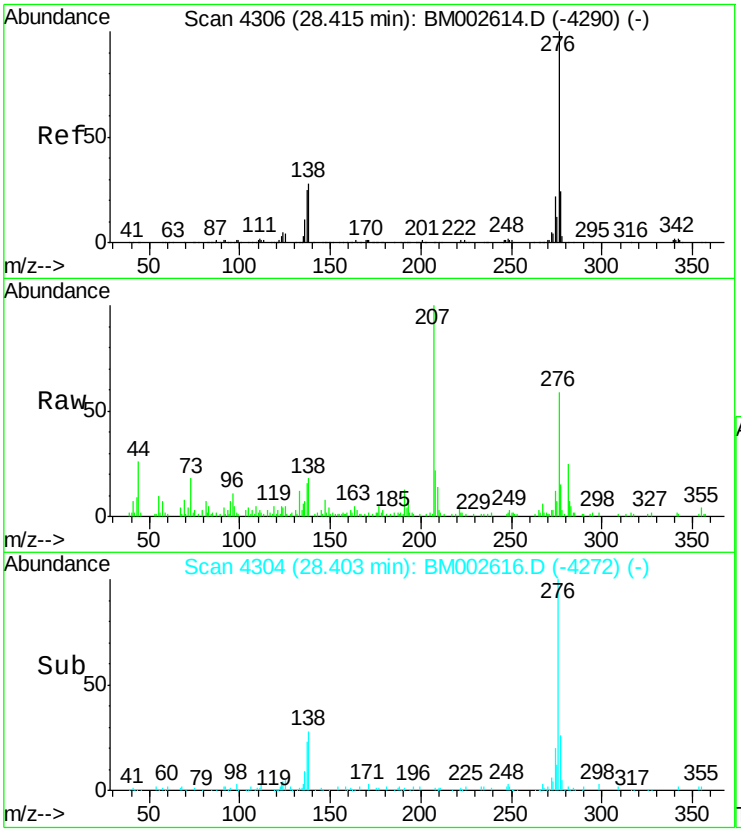


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.89 ng/ul
RT: 27.54 min Scan# 4158
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:276 Resp: 61632

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.3	37.9
277	26.2	20.2	30.2

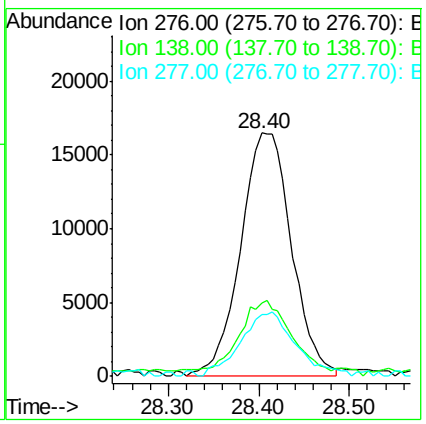




#29
Benzo(g,h,i)perylene
Concen: 2.38 ng/ul
RT: 28.40 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BM002616.D
Acq: 01 Sep 2015 07:34

Tgt Ion:276 Resp: 64630

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.0	31.6
277	25.2	19.2	28.8



Instrument :
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ClientSampleId :
D9EB6

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9/1/2015 2:56:37 PM