Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002414.D
Acq On : 15 Aug 2015 08:32
Operator : UM/IZ
Sample : G3194-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE4

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:44:51 PM

Quant Time: Aug 17 03:10:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	164847	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	767654	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	398925	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	811176	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	674681	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	526940	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	679971	16.67	ng/ul	0.00
10) Fluorene-d10	16.42	176	450018	15.71	ng/ul	0.00
14) Anthracene-d10	18.24	188	648817	16.58	ng/ul	0.00
18) Pyrene-d10	20.46	212	621906	20.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	423872	15.31	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.19	178	223319	4.77	ng/ul	99
16) Fluoranthene	20.13	202	388659	7.33	ng/ul	99
19) Pyrene	20.49	202	312881	7.92	ng/ul	99
20) Benzo(a)anthracene	22.20	228	169567	4.20	ng/ul	99
21) Chrysene	22.26	228	176030m	4.66	ng/ul	
23) Benzo(b)fluoranthene	24.06	252	225775	7.09	ng/ul	96
24) Benzo(k)fluoranthene	24.10	252	59942m	1.99	ng/ul	
26) Benzo(a)pyrene	24.76	252	127867	4.20	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.68	276	92505	2.64	ng/ul	96
29) Benzo(g,h,i)perylene	28.56	276	83576	2.87	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002414.D
Acq On : 15 Aug 2015 08:32
Operator : UM/IZ
Sample : G3194-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 17 03:10:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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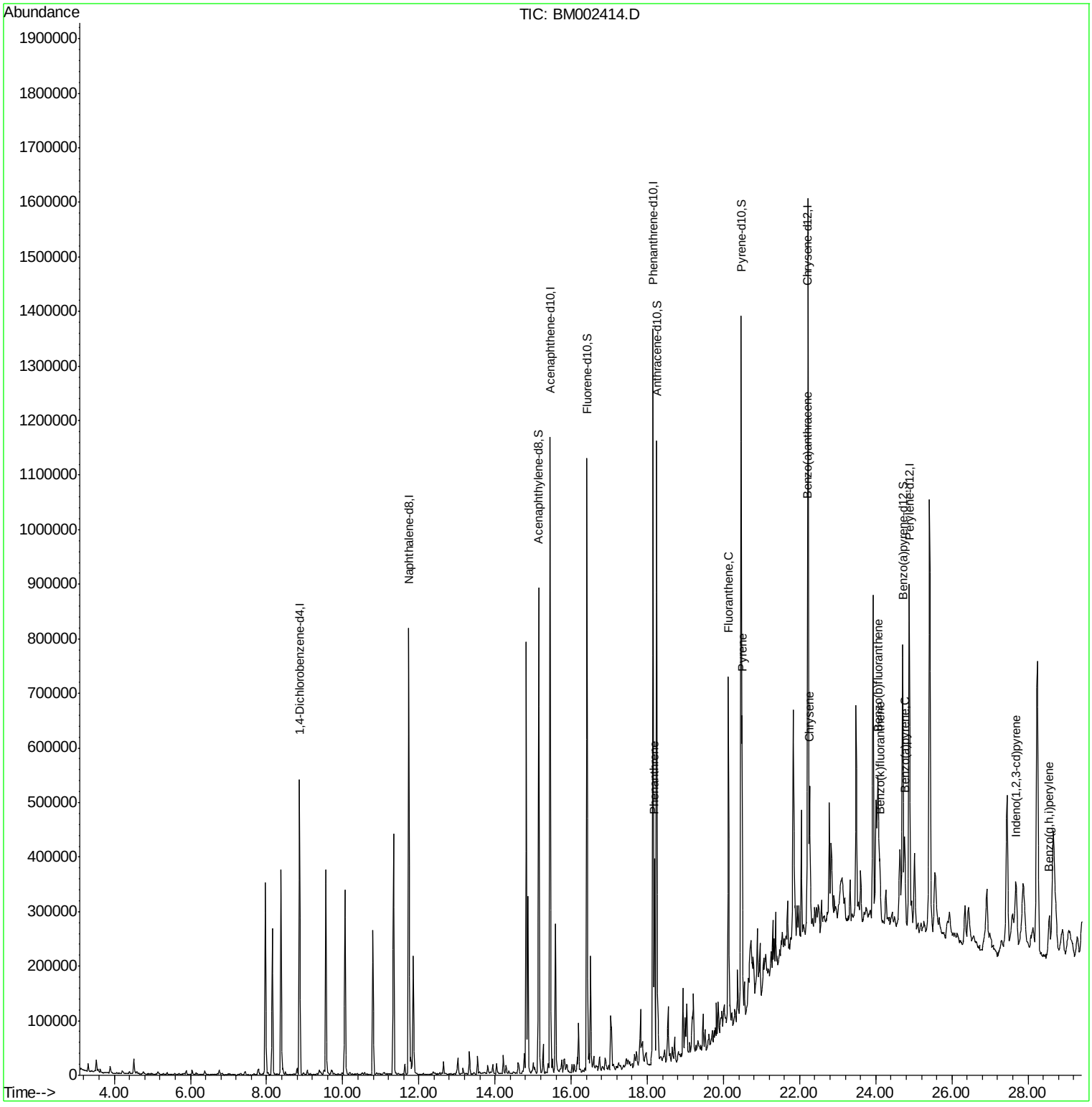
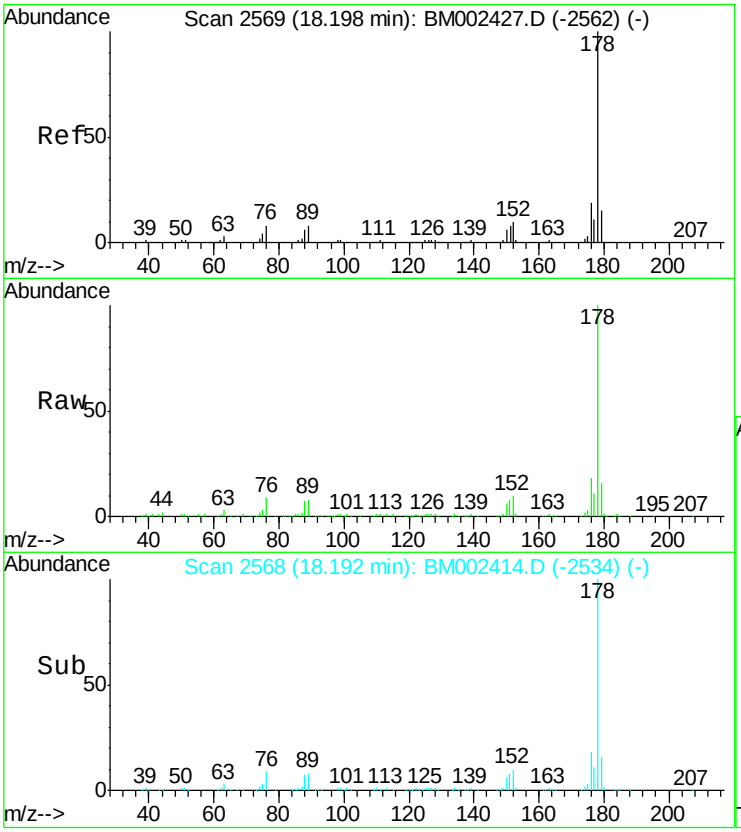
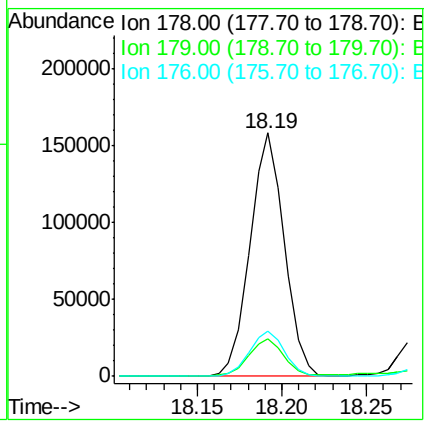




#13
Phenanthrene
Concen: 4.77 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:178 Resp: 223319

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.5	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DE4

Manual Integrations APPROVED
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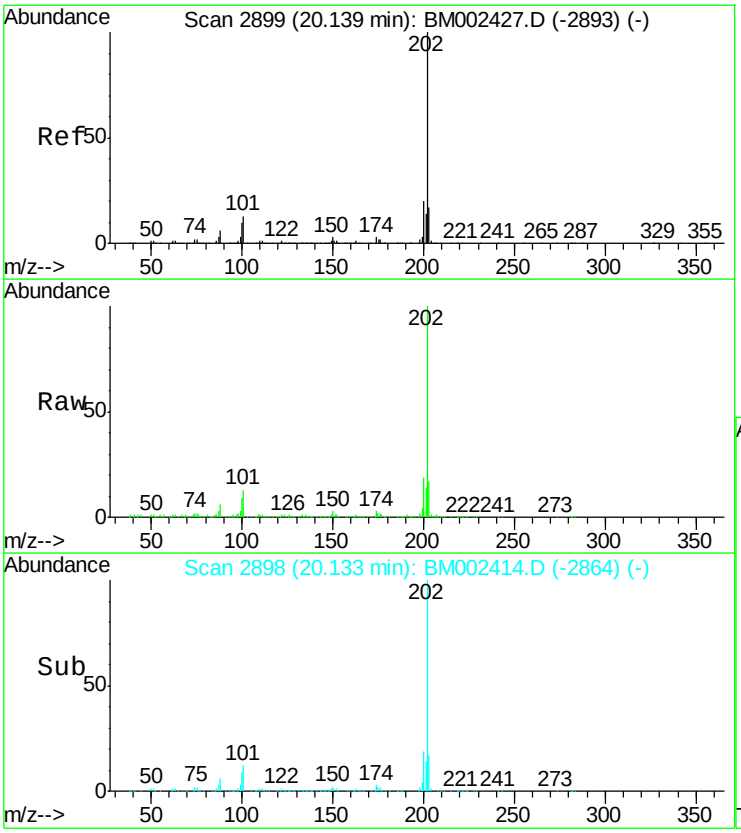
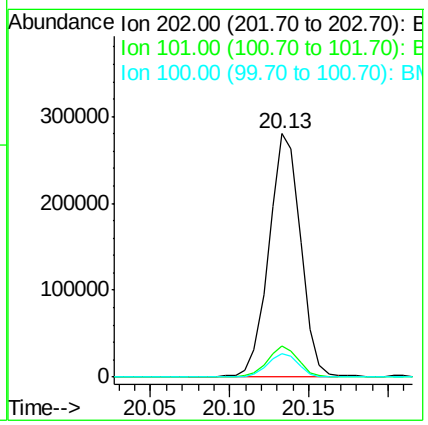
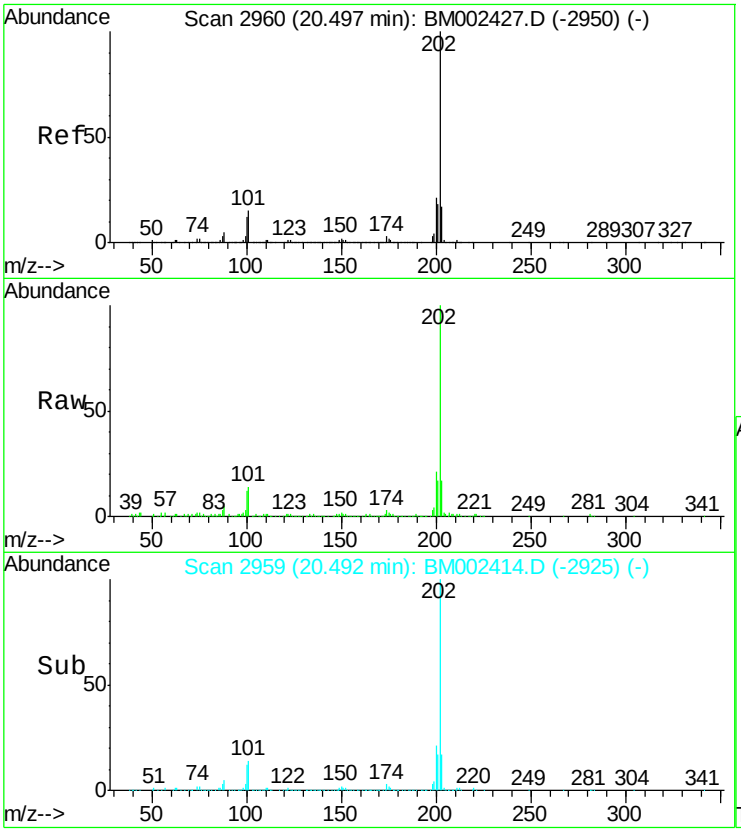


#16
Fluoranthene
Concen: 7.33 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:202 Resp: 388659

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.5	7.4	11.2

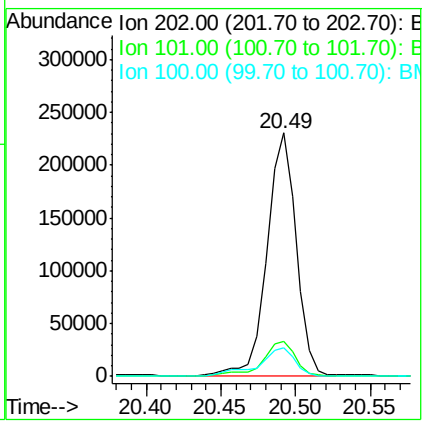




#19
Pyrene
Concen: 7.92 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:202 Resp: 312881

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.0	18.0
100	11.7	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9DE4

Manual Integrations APPROVED
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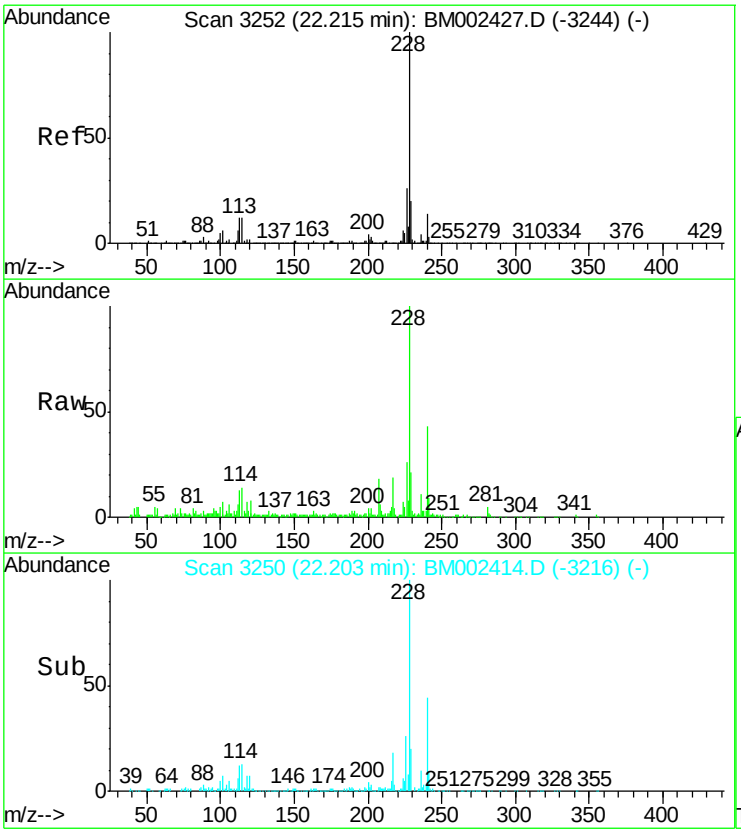
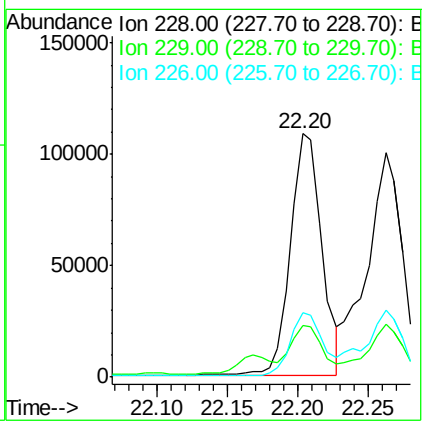
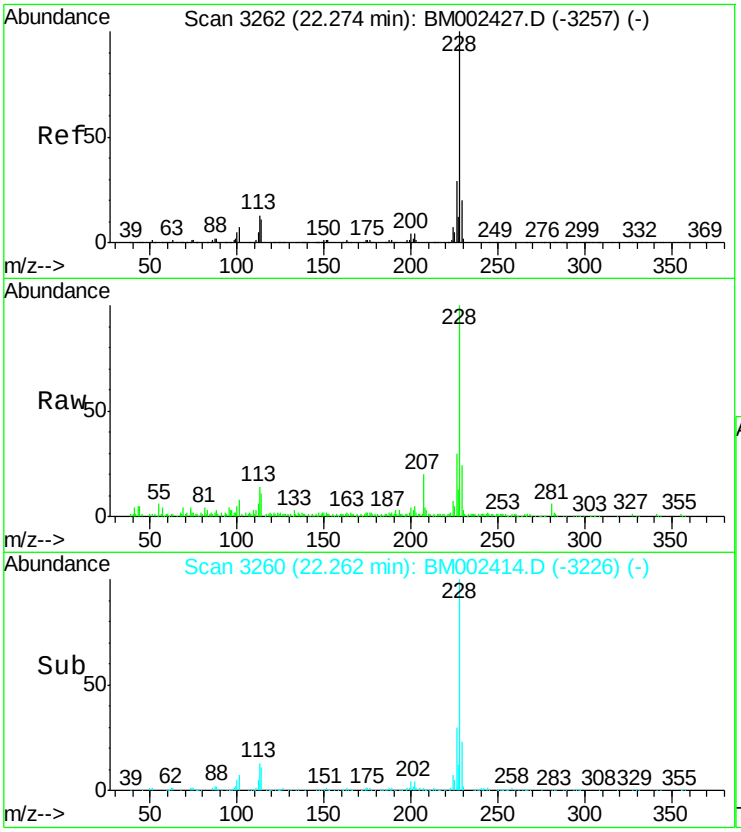


#20
Benzo(a)anthracene
Concen: 4.20 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:228 Resp: 169567

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	26.5	21.1	31.7





#21
Chrysene
Concen: 4.66 ng/ul m
RT: 22.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:228 Resp: 176030

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	23.7	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
D9DE4

Manual Integrations APPROVED
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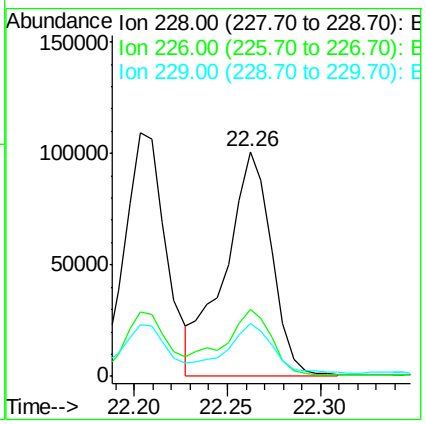
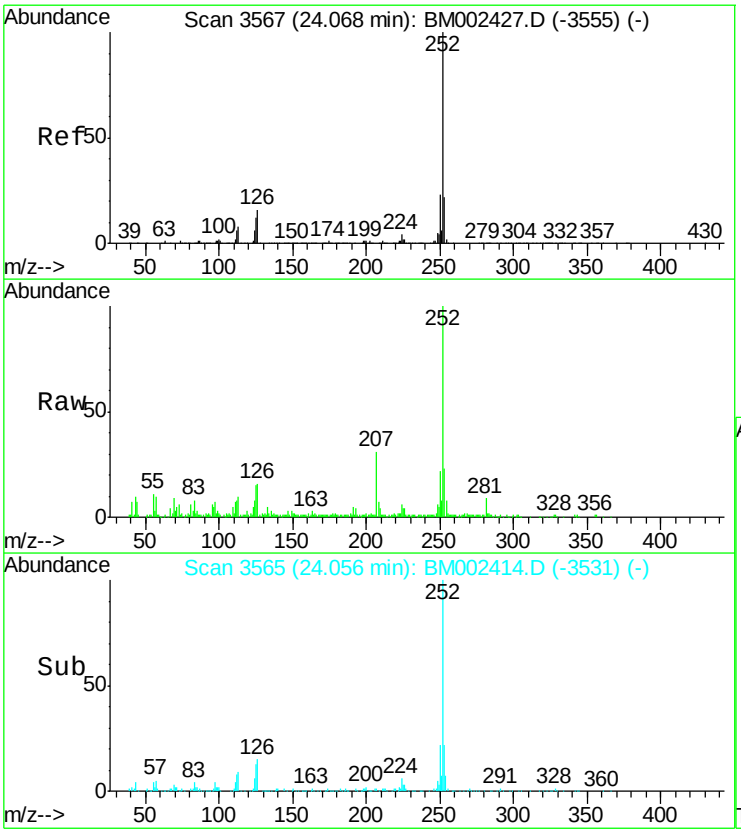
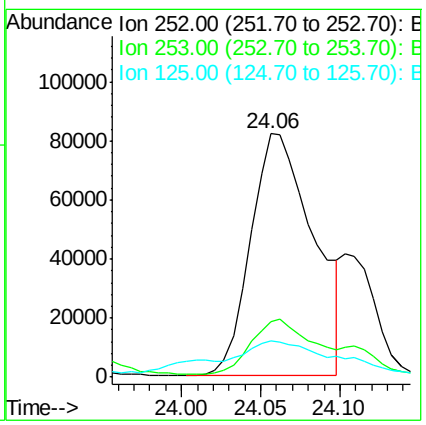


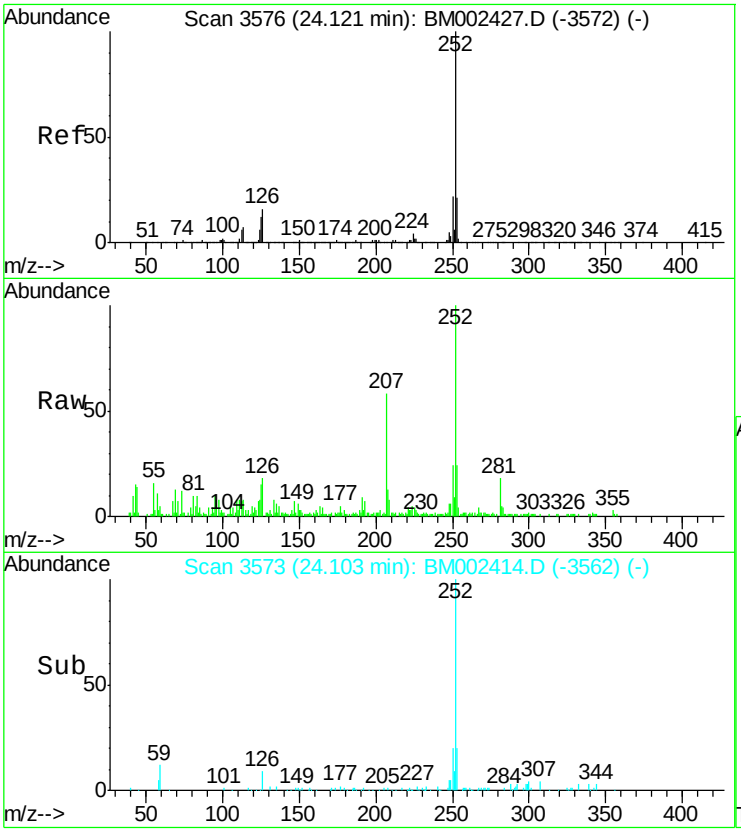


#23
Benzo(b)fluoranthene
Concen: 7.09 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:252 Resp: 225775

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.8	10.0	15.0

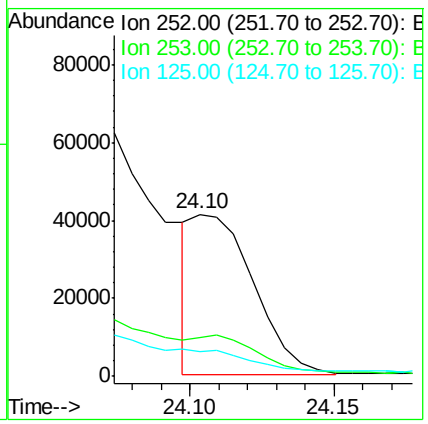




#24
Benzo(k)fluoranthene
Concen: 1.99 ng/ul m
RT: 24.10 min Scan# 3573
Delta R.T. -0.01 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:252 Resp: 59942

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	15.2	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9DE4

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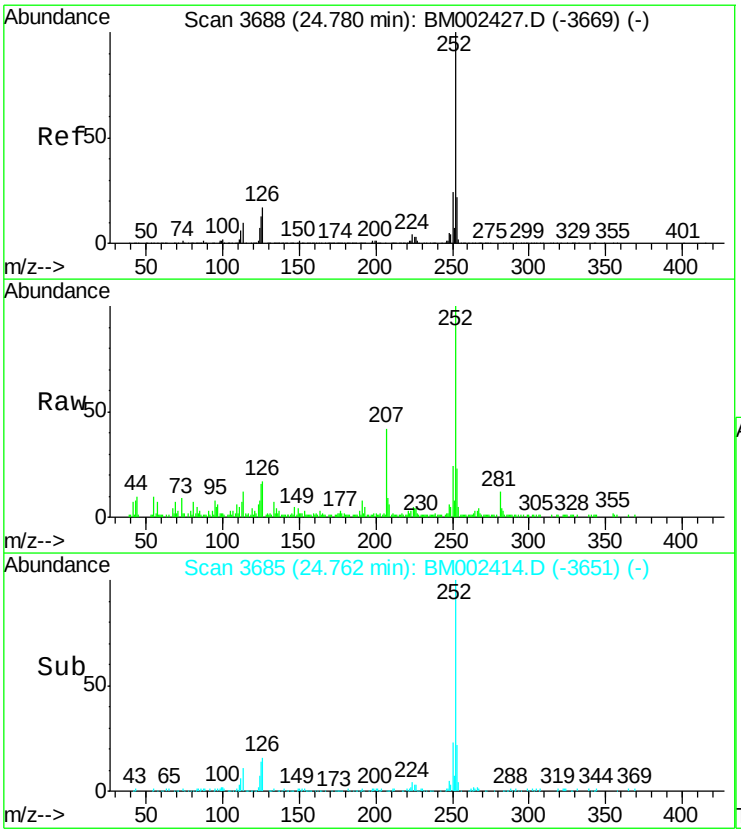
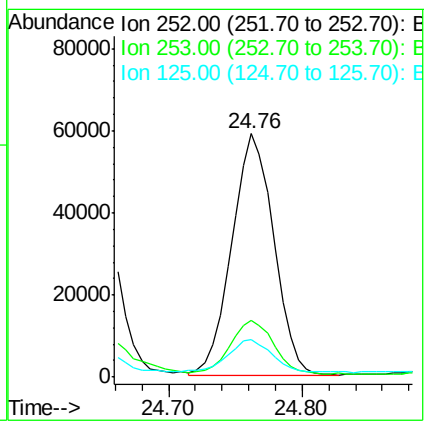
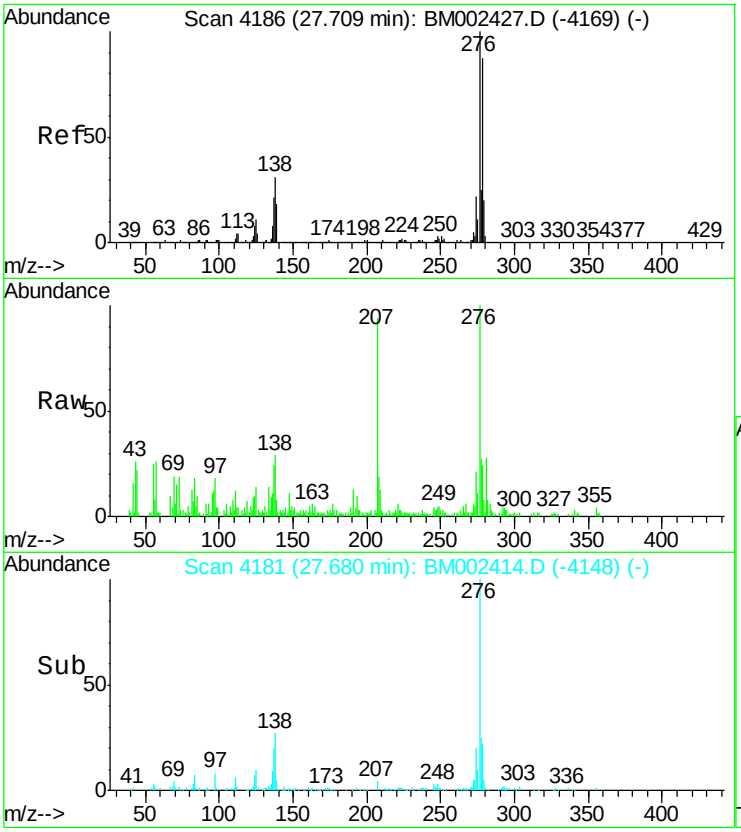


#26
Benzo(a)pyrene
Concen: 4.20 ng/ul
RT: 24.76 min Scan# 3685
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:252 Resp: 127867

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	15.6	10.7	16.1

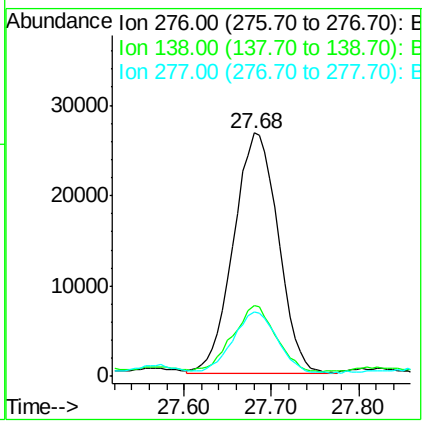




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.64 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:276 Resp: 92505

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.3	37.9
277	26.7	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9DE4

Manual Integrations APPROVED
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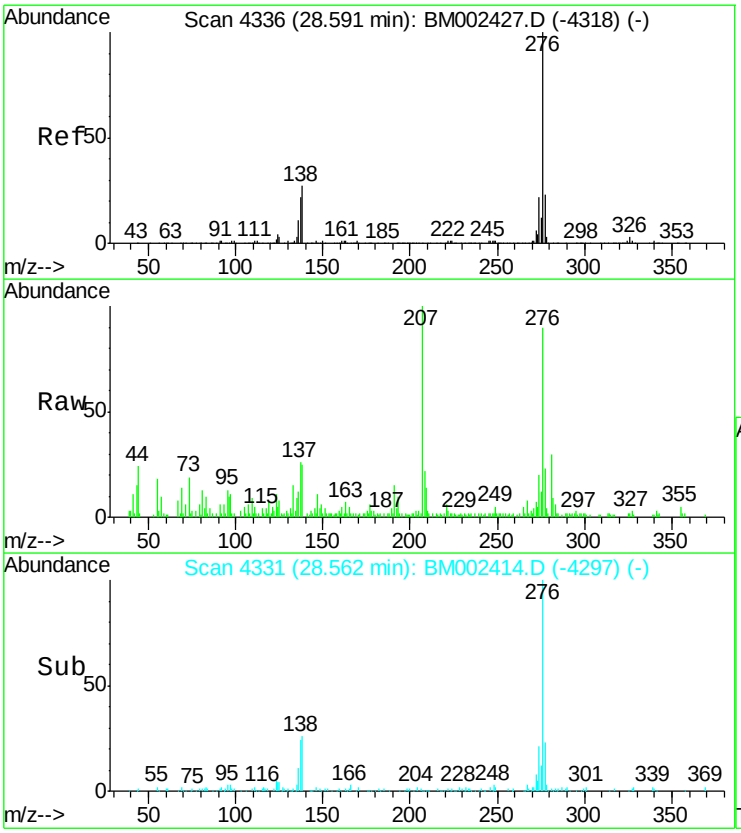

#29
Benzo(g,h,i)perylene
Concen: 2.87 ng/ul
RT: 28.56 min Scan# 4331
Delta R.T. 0.00 min
Lab File: BM002414.D
Acq: 15 Aug 2015 08:32

Tgt Ion:276 Resp: 83576

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.0	31.6
277	25.4	19.2	28.8