Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002367.D
Acq On : 12 Aug 2015 18:56
Operator : UM/IZ
Sample : G3163-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:48 AM

Quant Time: Aug 13 00:54:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	199641	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	934831	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	504512	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	910681	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	637964	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	633094	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1317680	25.21	ng/ul	0.00
10) Fluorene-d10	16.46	176	856364	23.56	ng/ul	0.00
14) Anthracene-d10	18.30	188	1101642	24.93	ng/ul	0.00
18) Pyrene-d10	20.52	212	902085	29.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	818724	24.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.83	128	64856	1.32	ng/ul	98
4) 2-Methylnaphthalene	13.37	142	38083	1.08	ng/ul	93
8) Acenaphthylene	15.22	152	139232	2.57	ng/ul	99
9) Acenaphthene	15.55	153	813662	22.29	ng/ul	99
13) Phenanthrene	18.24	178	457282	8.72	ng/ul	100
15) Anthracene	18.33	178	219096	4.05	ng/ul	99
16) Fluoranthene	20.19	202	810341	13.96	ng/ul	99
19) Pyrene	20.54	202	1808575	43.85	ng/ul	98
20) Benzo(a)anthracene	22.27	228	508361	13.05	ng/ul	98
21) Chrysene	22.33	228	507394	13.75	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	906177	23.03	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	278461m	7.37	ng/ul	
26) Benzo(a)pyrene	24.87	252	530977	14.10	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.84	276	368828	8.55	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	106909	2.92	ng/ul#	81
29) Benzo(g,h,i)perylene	28.74	276	314056	8.63	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002367.D
Acq On : 12 Aug 2015 18:56
Operator : UM/IZ
Sample : G3163-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 13 00:54:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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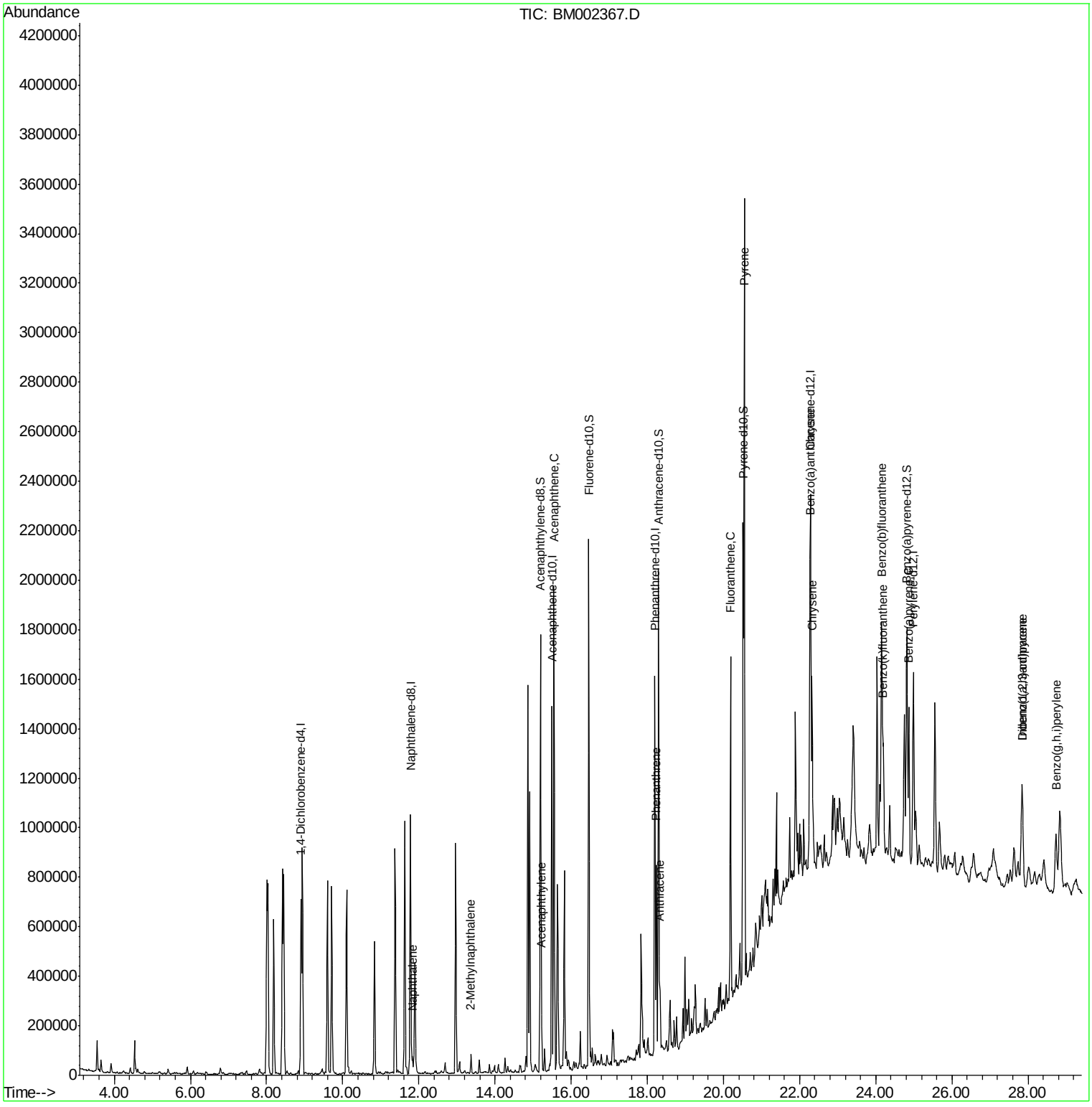
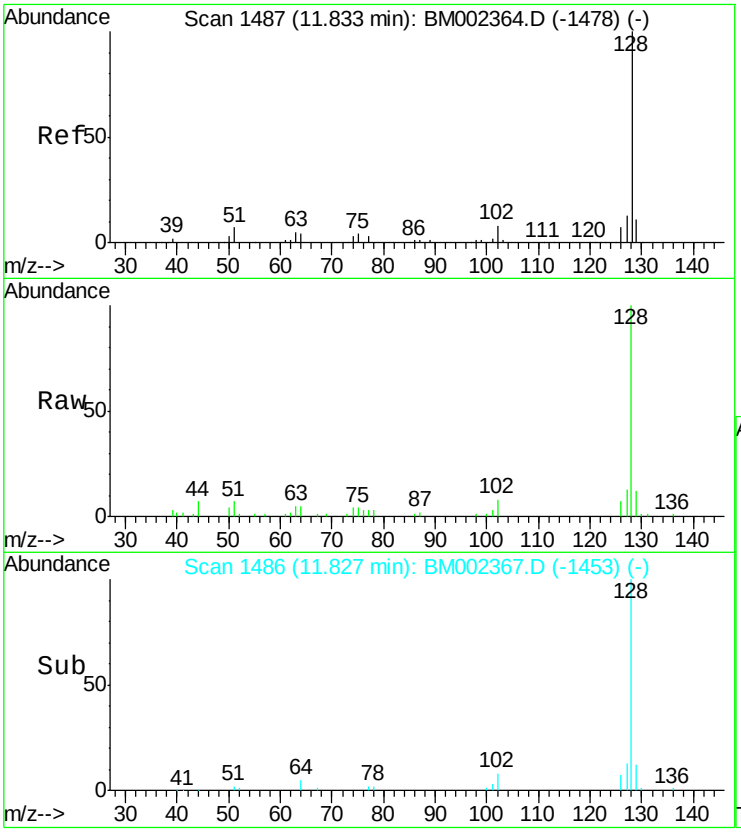
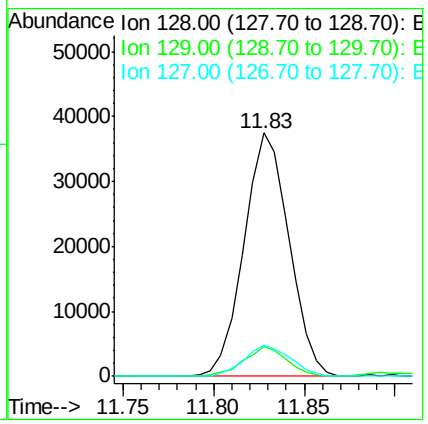




#3
Naphthalene
Concen: 1.32 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:128 Resp: 64856

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	13.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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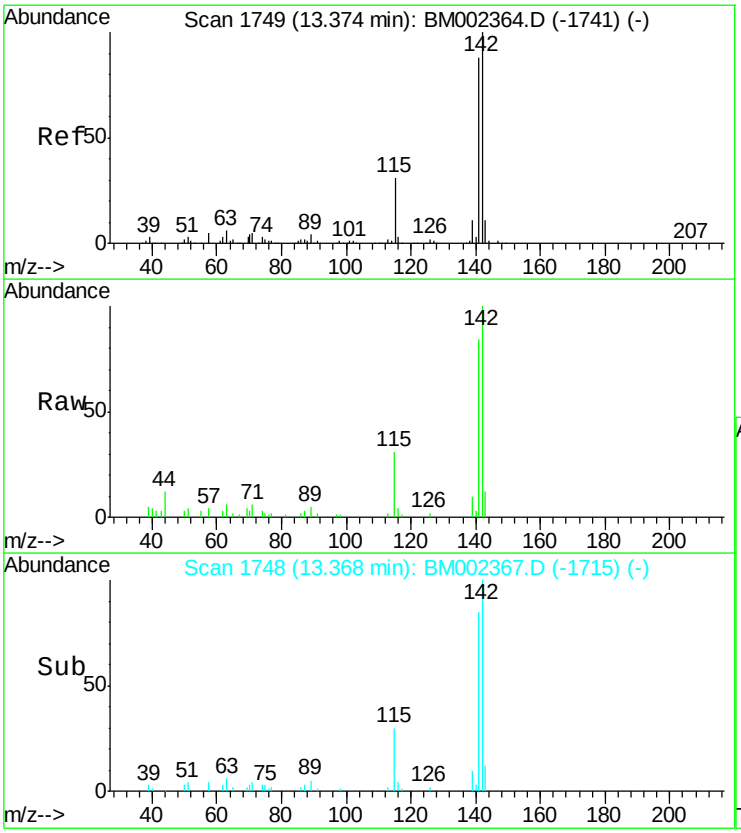
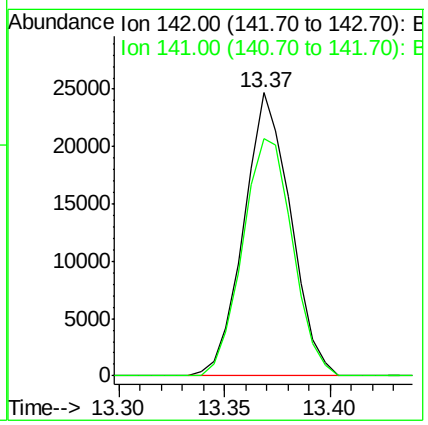
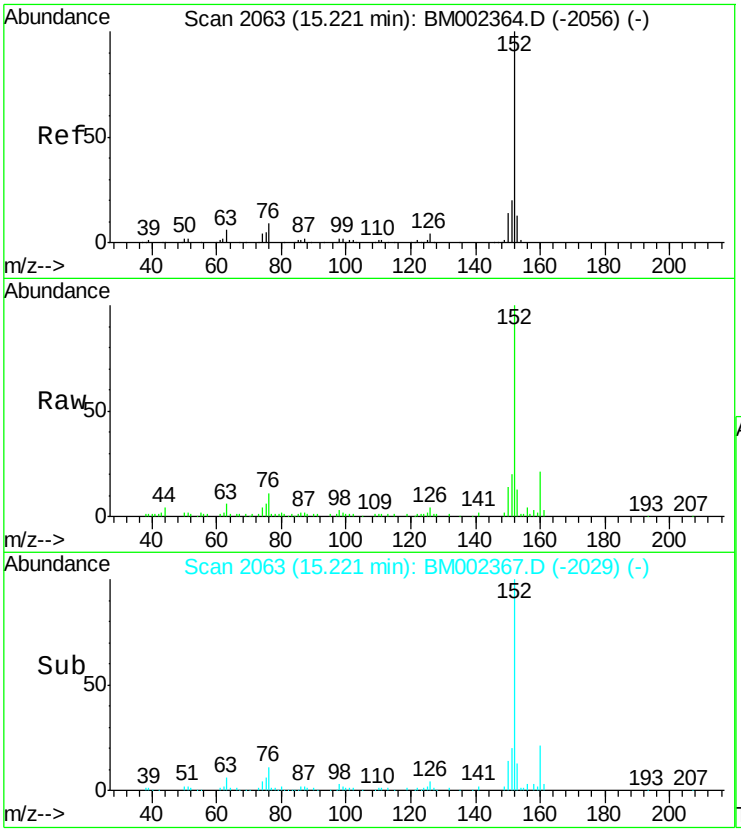


#4
2-Methylnaphthalene
Concen: 1.08 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:142 Resp: 38083

Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.5	108.7

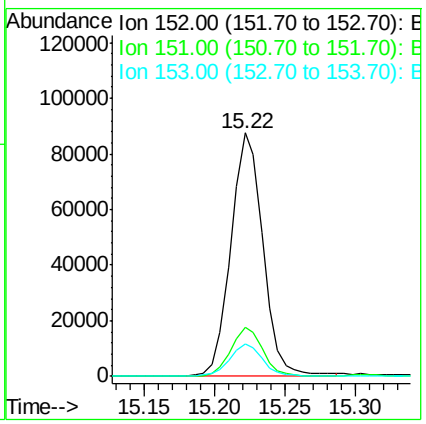




#8
Acenaphthylene
Concen: 2.57 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:152 Resp: 139232

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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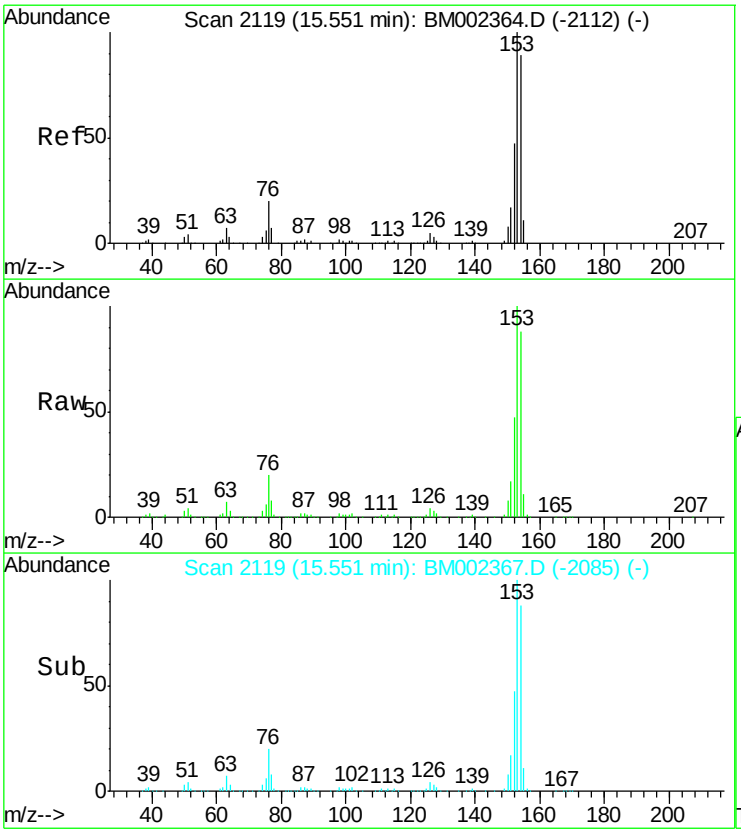
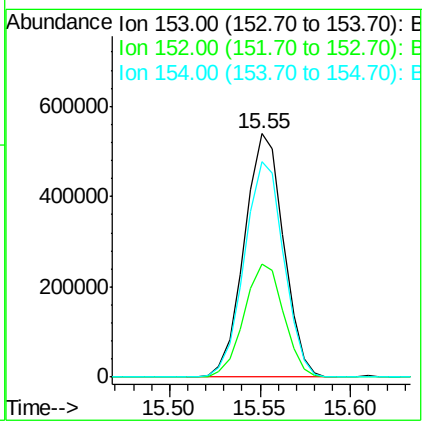
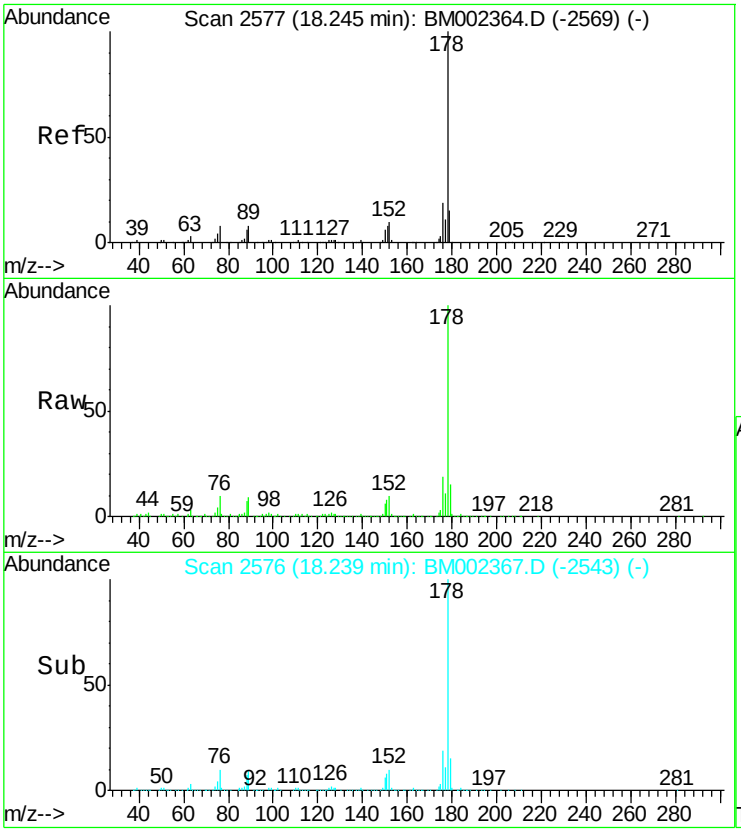


#9
Acenaphthene
Concen: 22.29 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:153 Resp: 813662

Ion	Ratio	Lower	Upper
153	100		
152	46.6	36.6	55.0
154	88.3	71.5	107.3

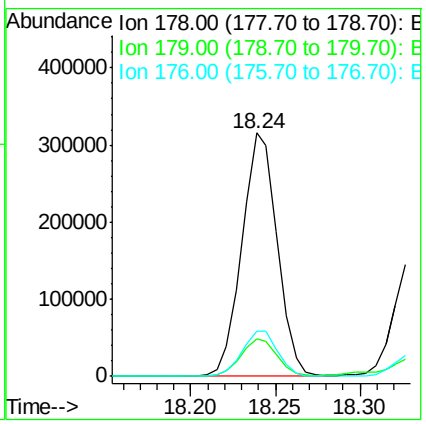




#13
Phenanthrene
Concen: 8.72 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:178 Resp: 457282

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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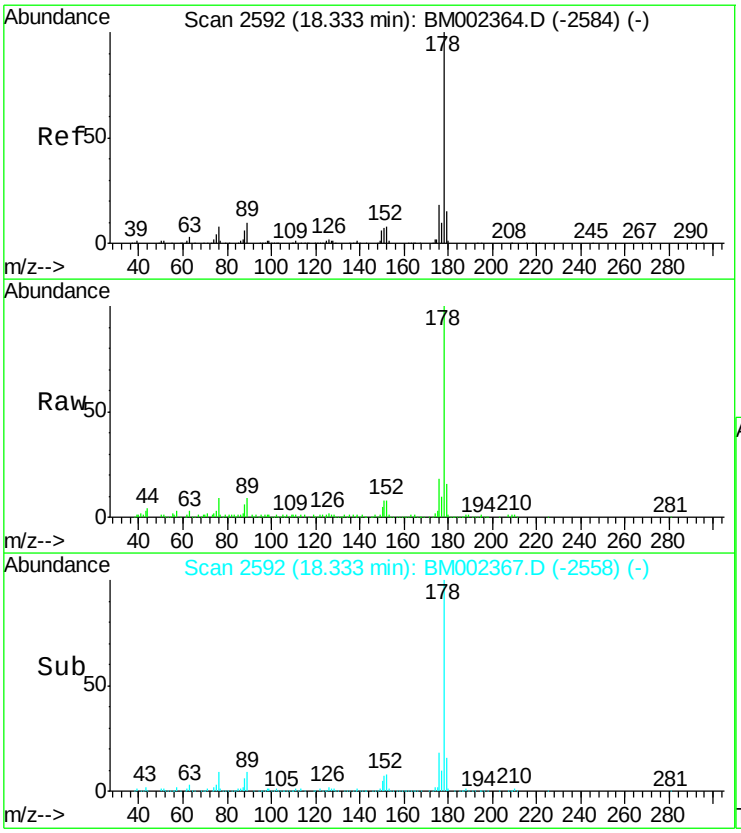
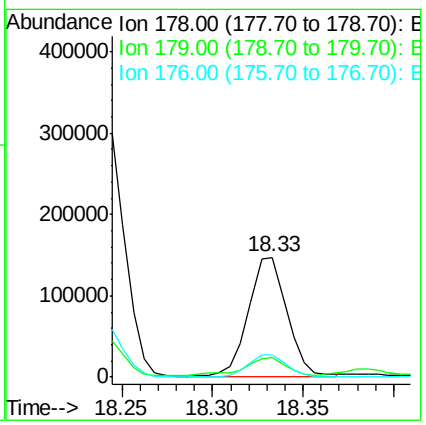
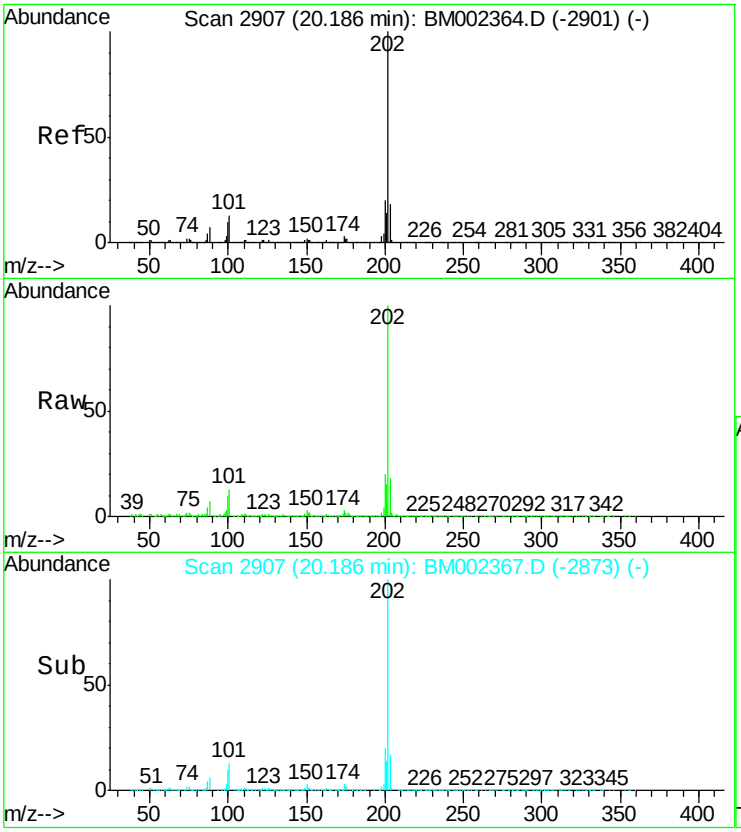


#15
Anthracene
Concen: 4.05 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:178 Resp: 219096

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.2	14.5	21.7

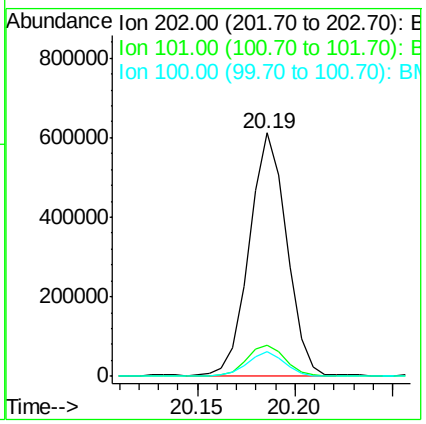




#16
Fluoranthene
Concen: 13.96 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:202 Resp: 810341

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.0	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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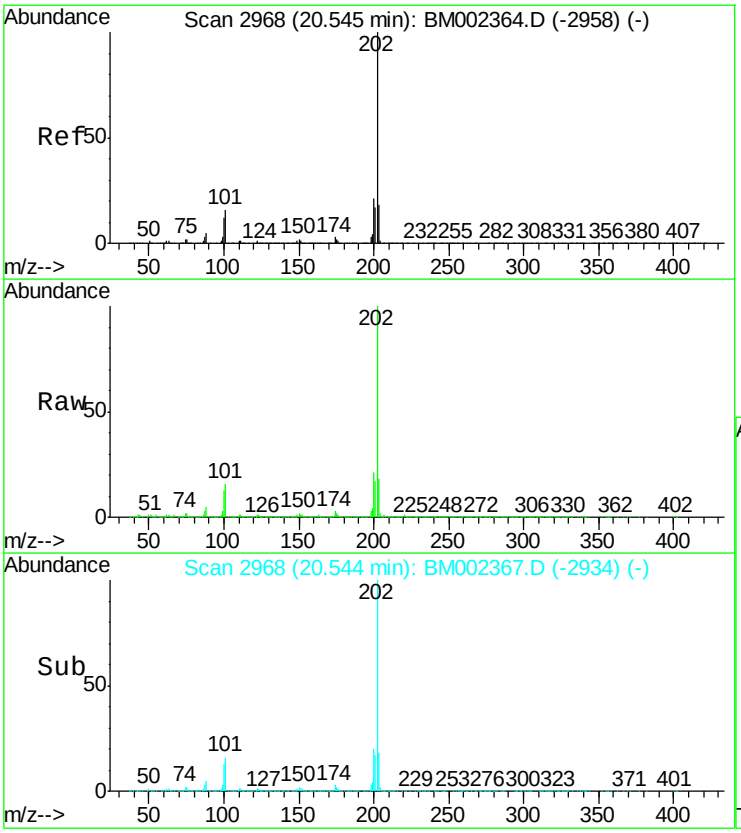
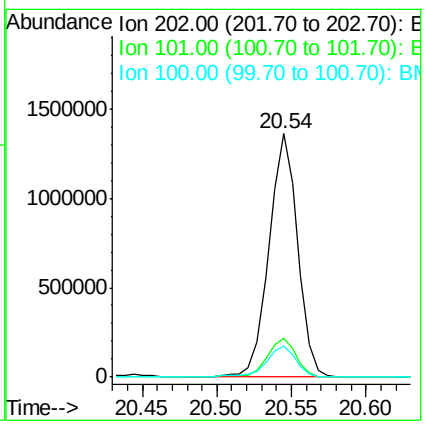
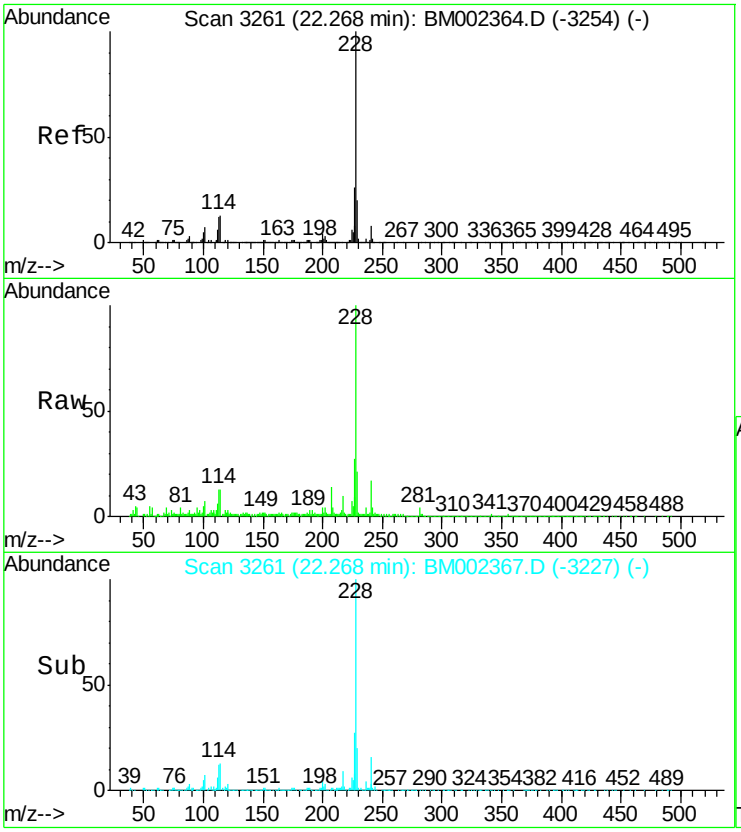


#19
Pyrene
Concen: 43.85 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:202 Resp: 1808575

Ion	Ratio	Lower	Upper
202	100		
101	15.8	13.0	19.6
100	12.7	11.0	16.4

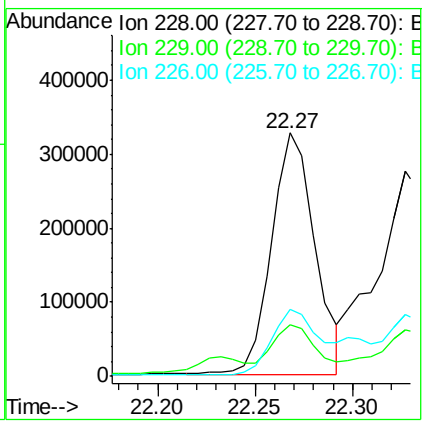




#20
Benzo(a)anthracene
Concen: 13.05 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:228 Resp: 508361

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	27.4	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
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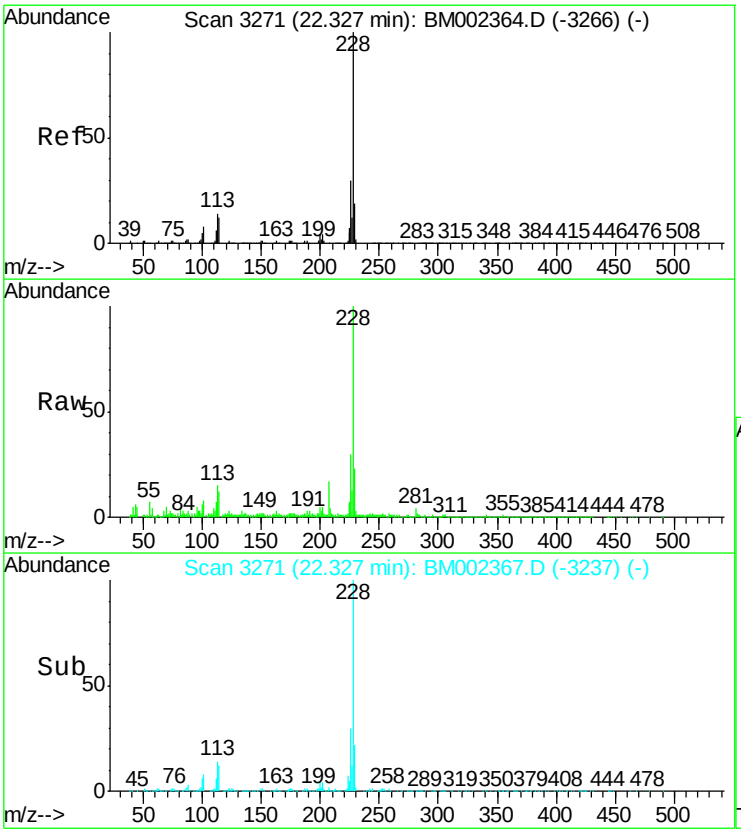
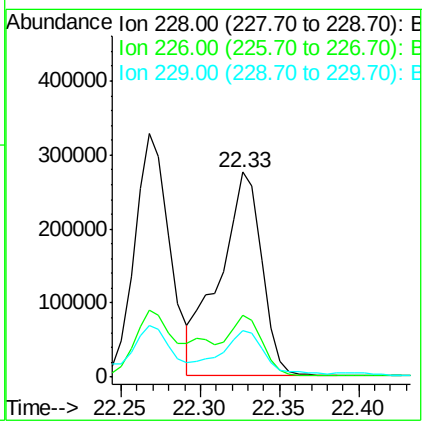
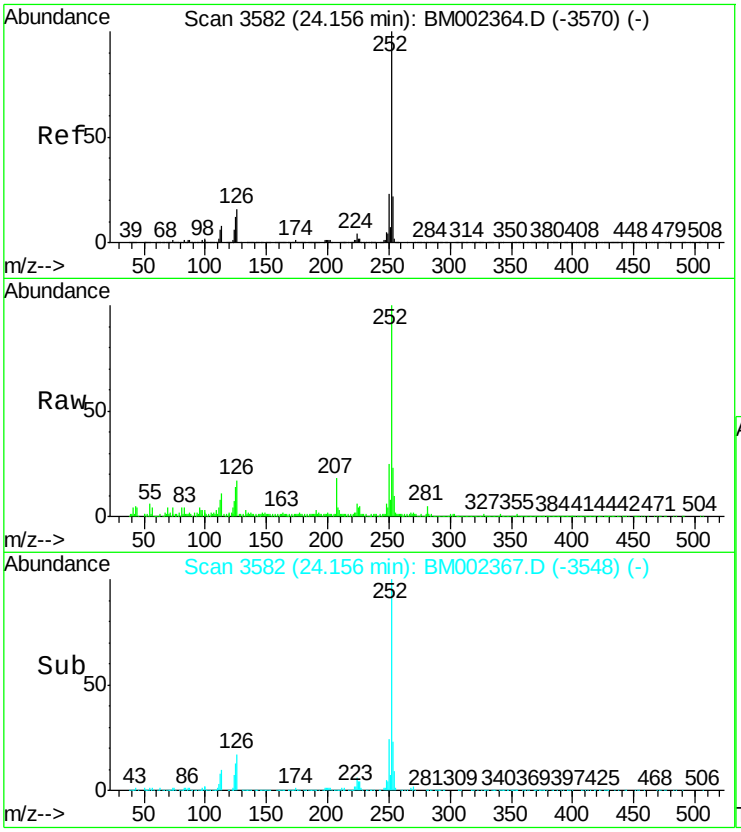


#21
Chrysene
Concen: 13.75 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:228 Resp: 507394

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	22.7	15.5	23.3

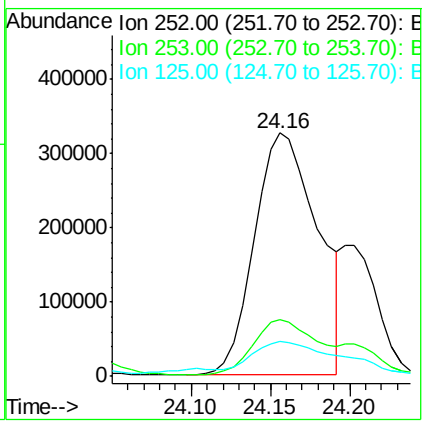




#23
Benzo(b)fluoranthene
Concen: 23.03 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:252 Resp: 906177

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.5	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

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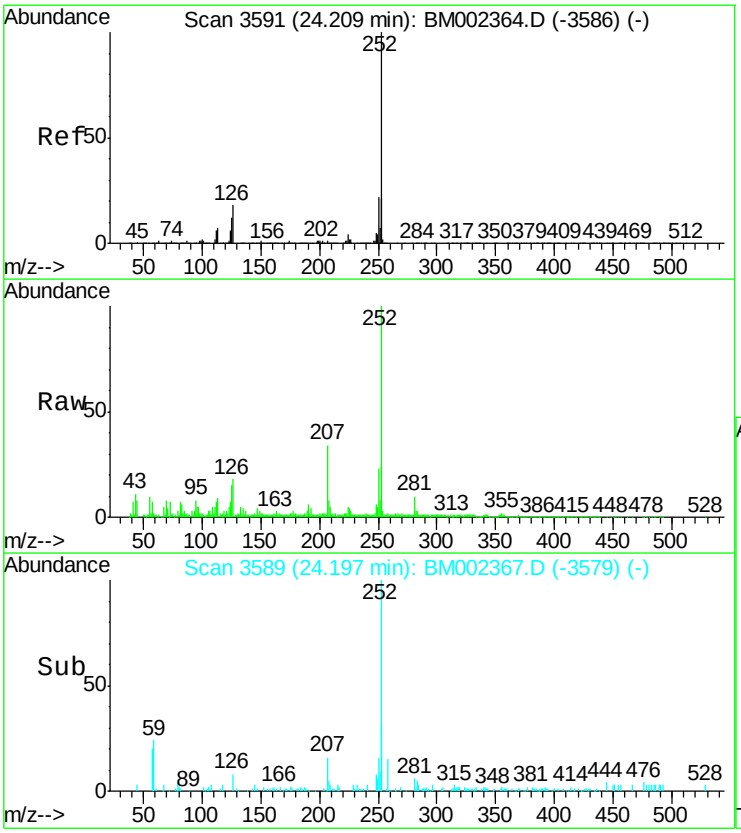
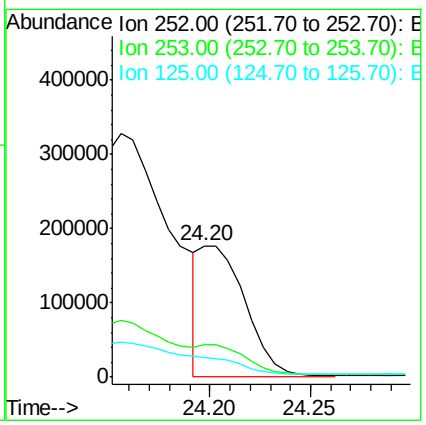
8/13/2015 10:57:48 AM

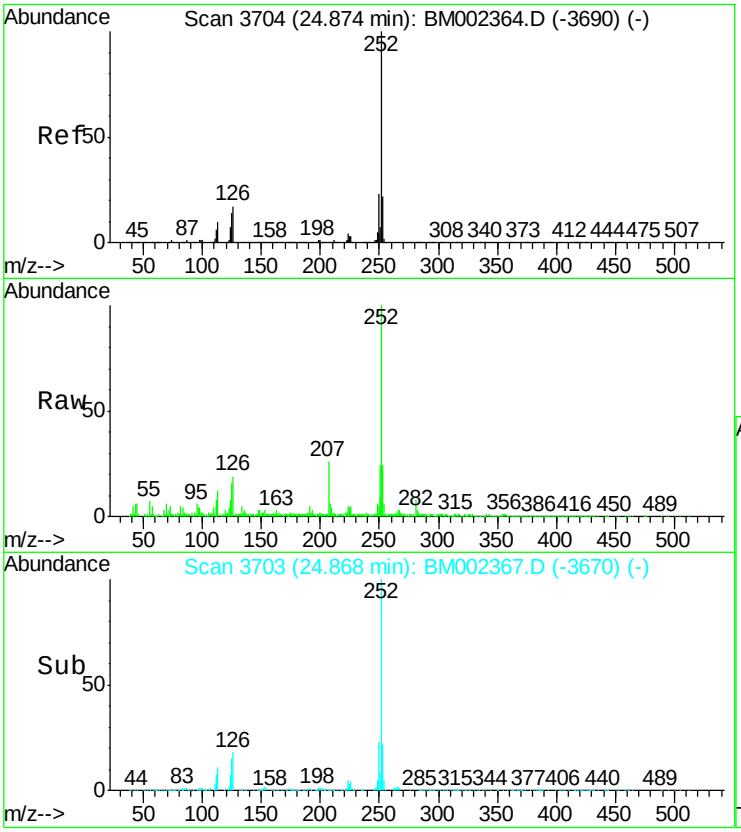


#24
Benzo(k)fluoranthene
Concen: 7.37 ng/ul m
RT: 24.20 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:252 Resp: 278461

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	14.7	10.2	15.4

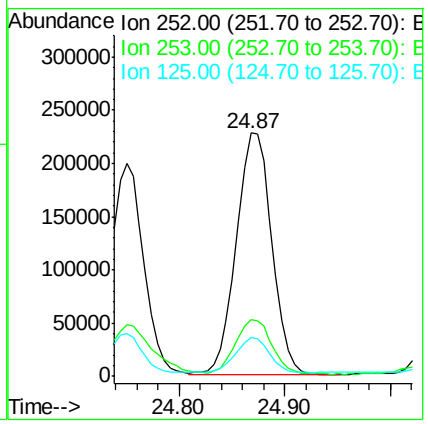




#26
Benzo(a)pyrene
Concen: 14.10 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

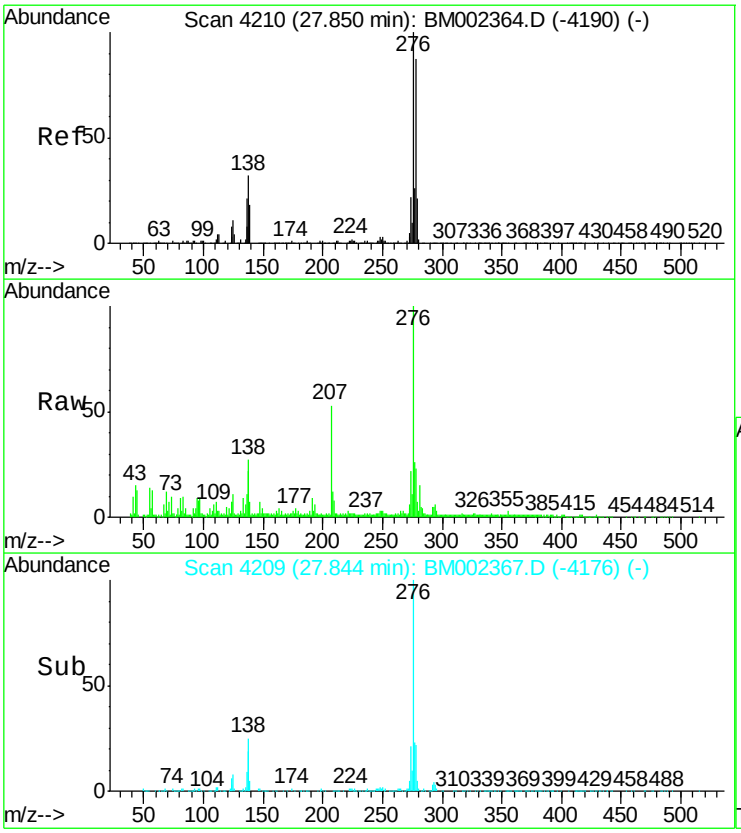
Tgt Ion:252 Resp: 530977

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	16.1	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

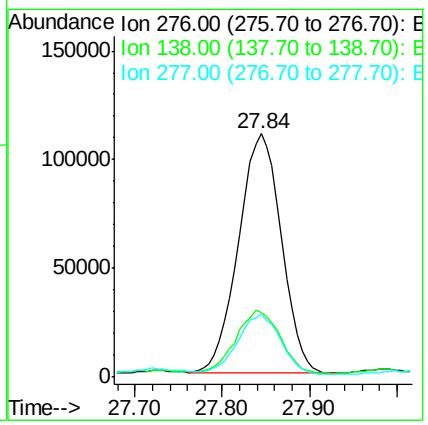
Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:48 AM

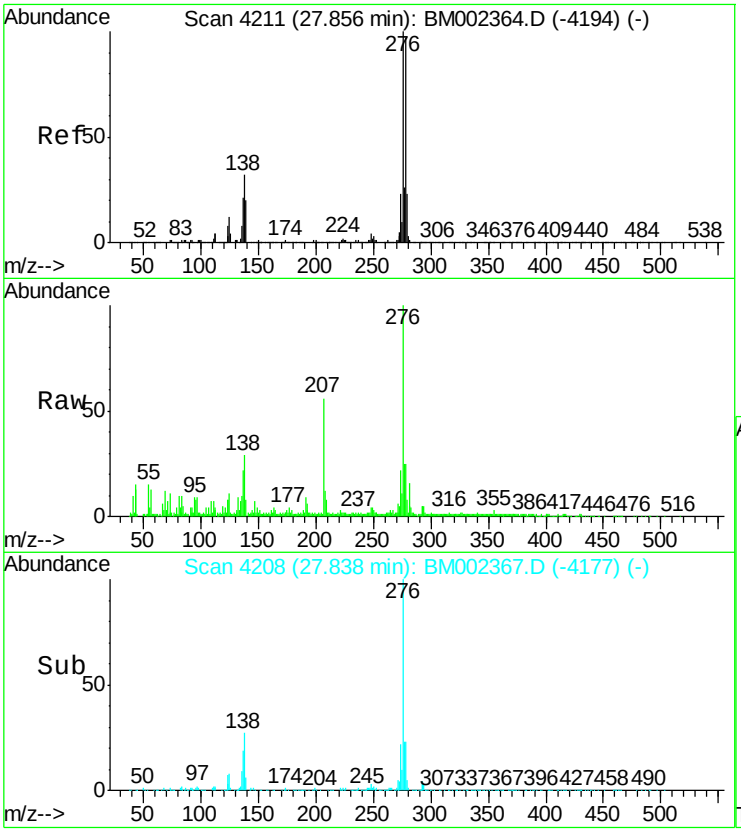


#27
Indeno(1,2,3-cd)pyrene
Concen: 8.55 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:276 Resp: 368828

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
277	25.7	21.0	31.4

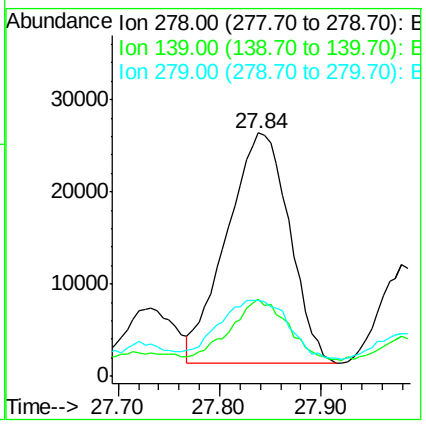




#28
Dibenzo(a,h)anthracene
Concen: 2.92 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.02 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

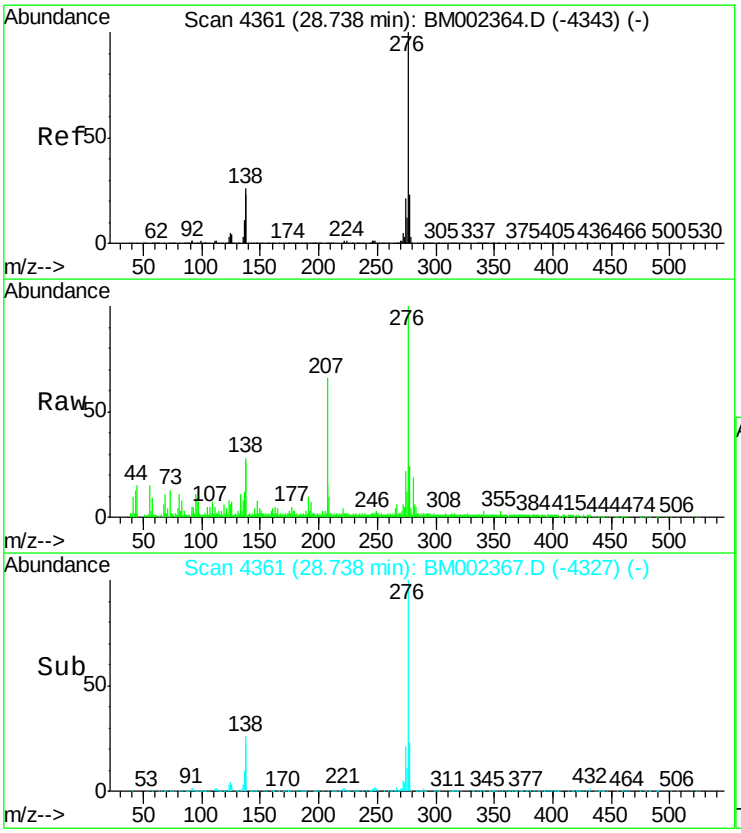
Tgt Ion:278 Resp: 106909

Ion	Ratio	Lower	Upper
278	100		
139	31.5	16.4	24.6#
279	31.2	18.8	28.2#



Instrument :
BNA_M
ClientSampleId :
D9C97MSD

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:48 AM



#29
Benzo(g,h,i)perylene
Concen: 8.63 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BM002367.D
Acq: 12 Aug 2015 18:56

Tgt Ion:276 Resp: 314056

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.5	30.7
277	23.9	19.0	28.6