Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002365.D
Acq On : 12 Aug 2015 17:42
Operator : UM/IZ
Sample : G3163-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:23 AM

Quant Time: Aug 12 18:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215110	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	986300	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	531769	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	977106	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	677344	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	660447	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	996363	18.09	ng/ul	0.00
10) Fluorene-d10	16.46	176	641872	16.75	ng/ul	0.00
14) Anthracene-d10	18.30	188	843624	17.79	ng/ul	0.00
18) Pyrene-d10	20.52	212	691062	21.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	603890	17.22	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.83	128	96600	1.86	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	41742	1.13	ng/ul	100
8) Acenaphthylene	15.22	152	99776	1.74	ng/ul	99
9) Acenaphthene	15.55	153	55428	1.44	ng/ul	96
11) Fluorene	16.52	166	59196	1.37	ng/ul#	99
13) Phenanthrene	18.24	178	770760	13.71	ng/ul	99
15) Anthracene	18.33	178	204661	3.52	ng/ul	100
16) Fluoranthene	20.19	202	1040954	16.72	ng/ul	100
19) Pyrene	20.54	202	854406	19.51	ng/ul	98
20) Benzo(a)anthracene	22.27	228	510908	12.36	ng/ul	98
21) Chrysene	22.33	228	518715	13.24	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	814797	19.85	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	250003m	6.34	ng/ul	
26) Benzo(a)pyrene	24.87	252	483070	12.30	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	333960	7.42	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	100820	2.64	ng/ul#	78
29) Benzo(g,h,i)perylene	28.73	276	284777	7.50	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002365.D
Acq On : 12 Aug 2015 17:42
Operator : UM/IZ
Sample : G3163-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 18:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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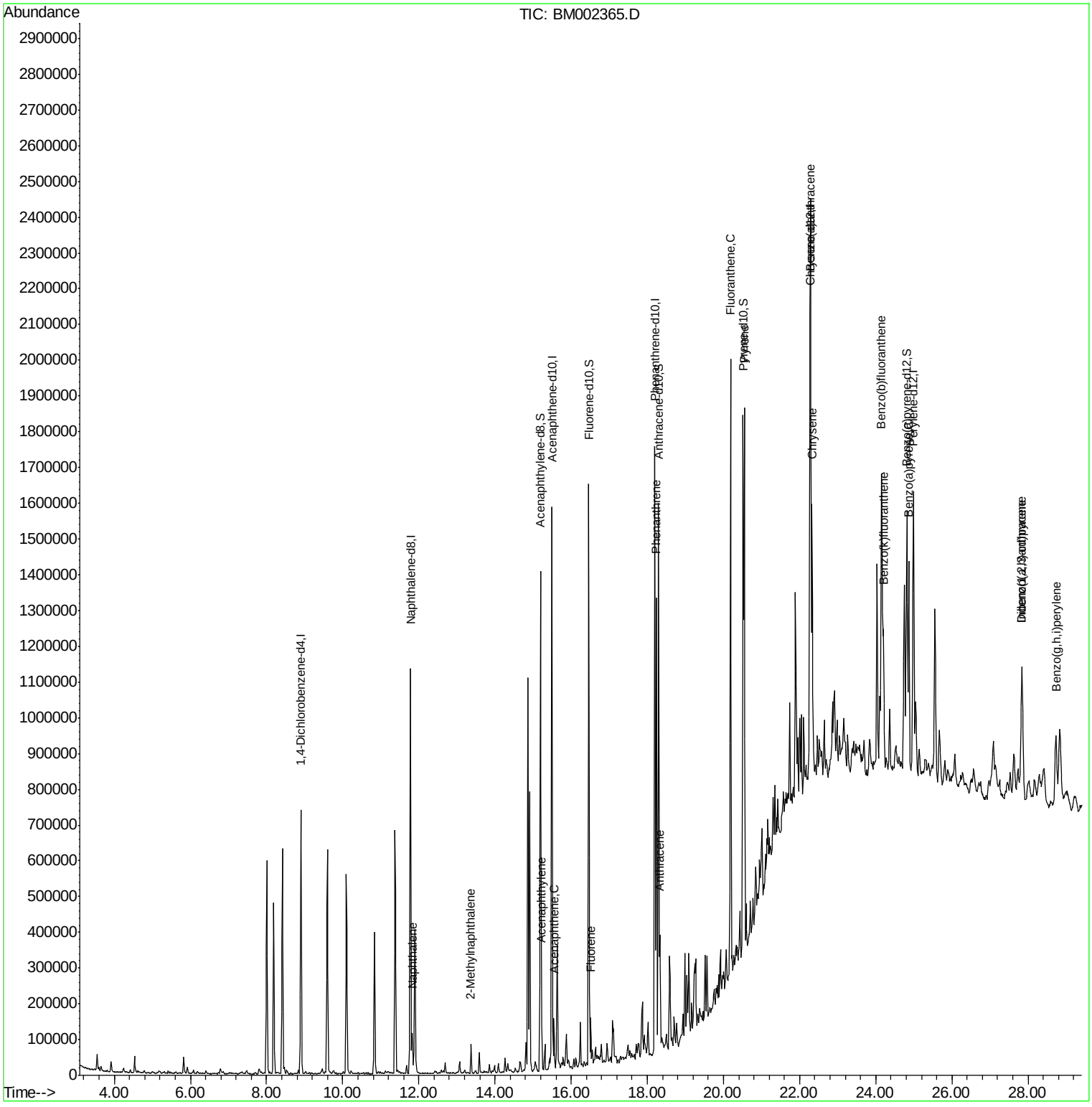

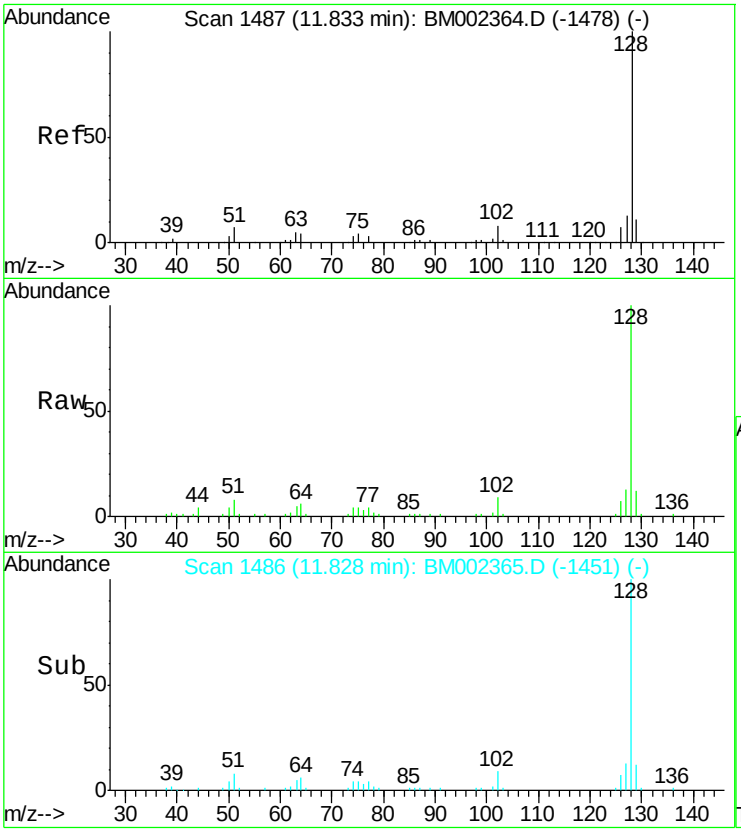

#3
Naphthalene
Concen: 1.86 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:128 Resp: 96600

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.2	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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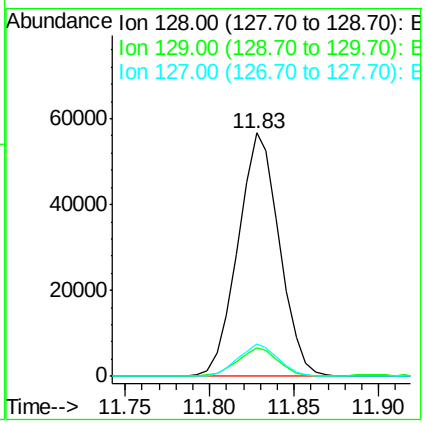
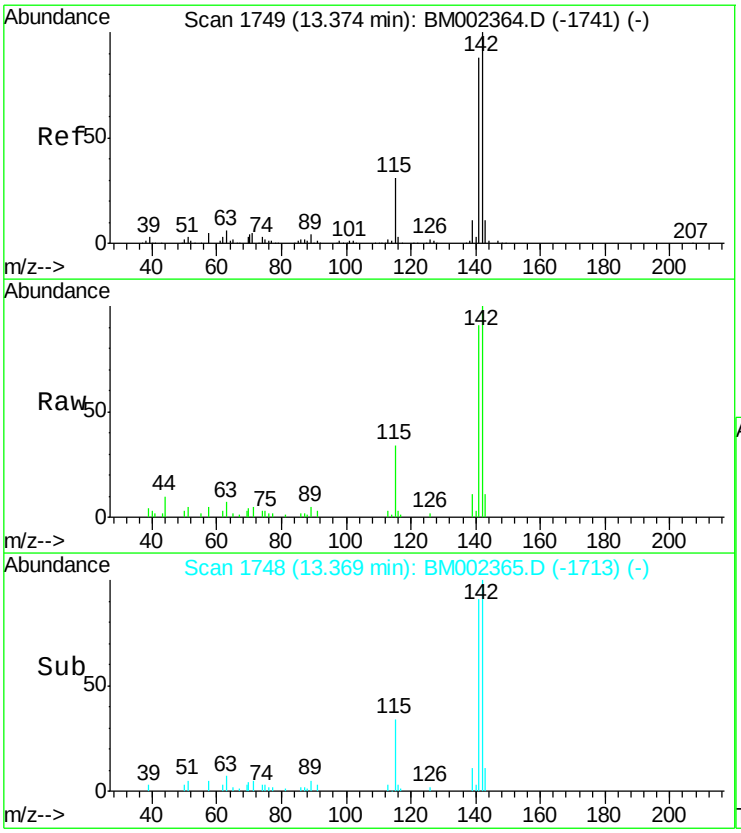
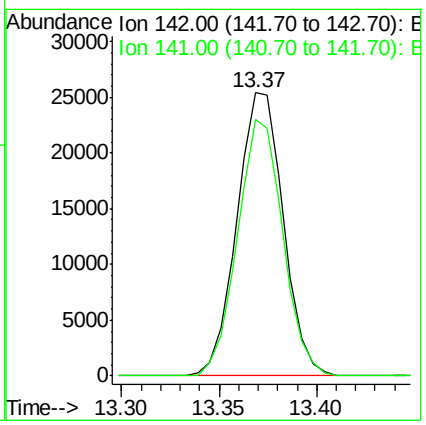


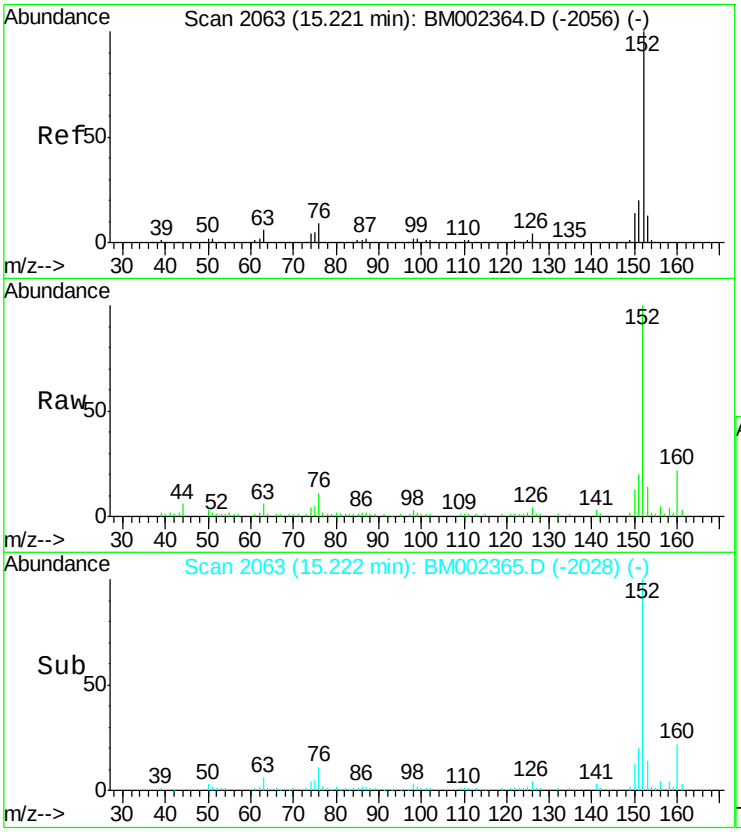


#4
2-Methylnaphthalene
Concen: 1.13 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:142 Resp: 41742

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7

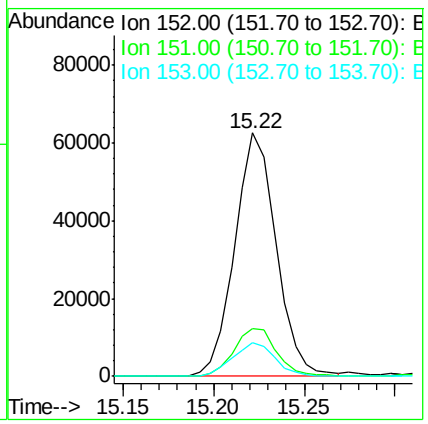




#8
Acenaphthylene
Concen: 1.74 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:152 Resp: 99776

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.6	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
D9C97

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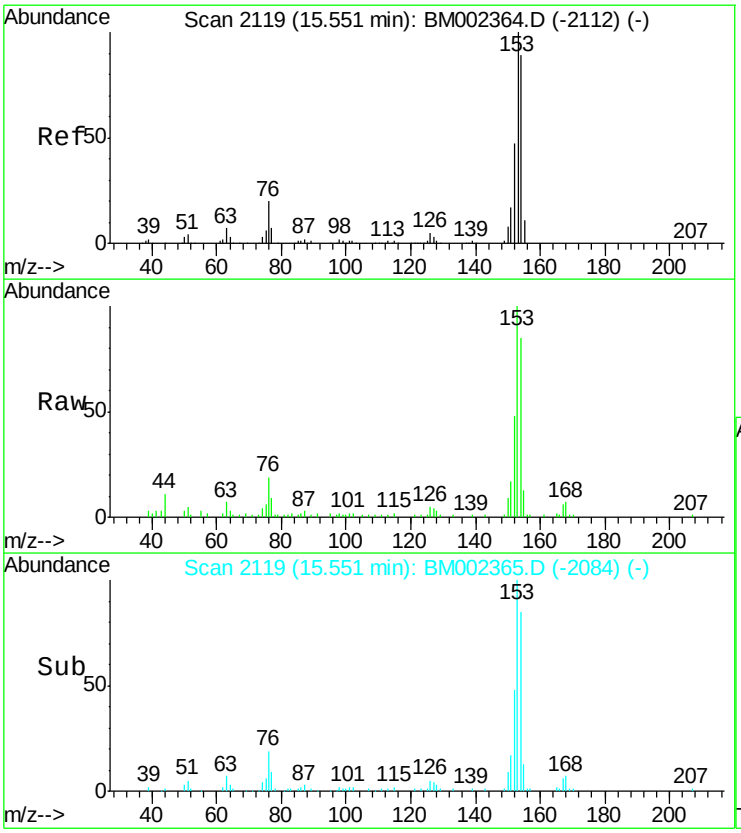
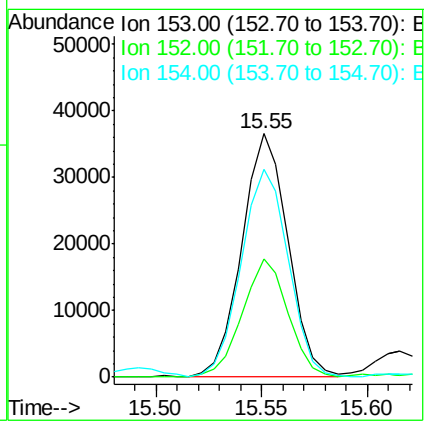
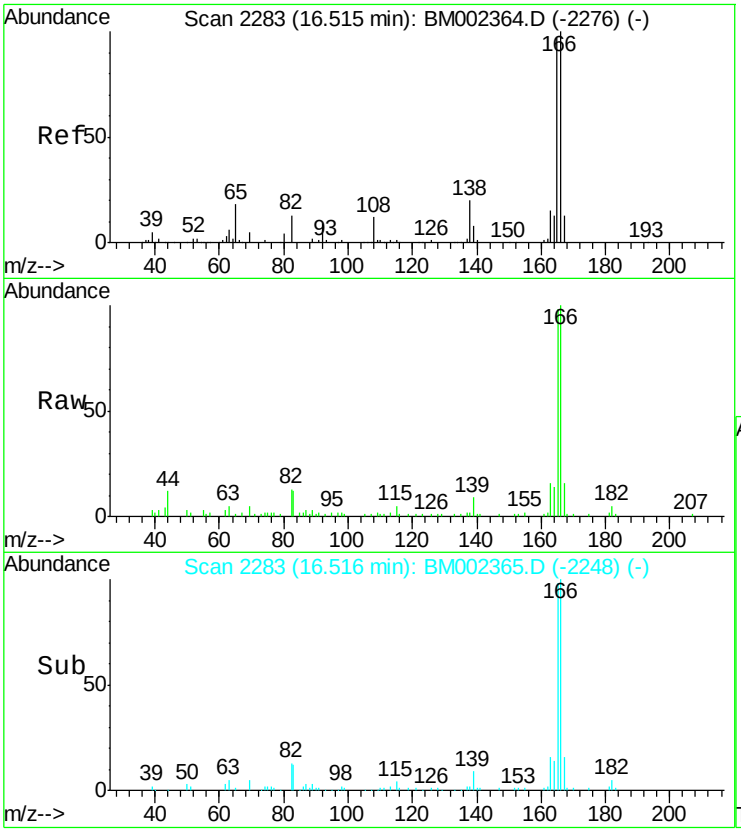


#9
Acenaphthene
Concen: 1.44 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:153 Resp: 55428

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.6	55.0
154	85.1	71.5	107.3

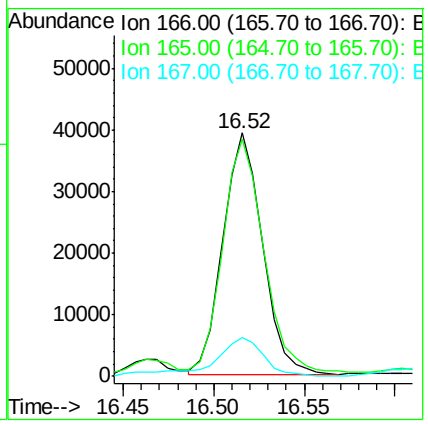




#11
Fluorene
Concen: 1.37 ng/ul
RT: 16.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:166 Resp: 59196

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.5	116.3
167	16.1	10.4	15.6#



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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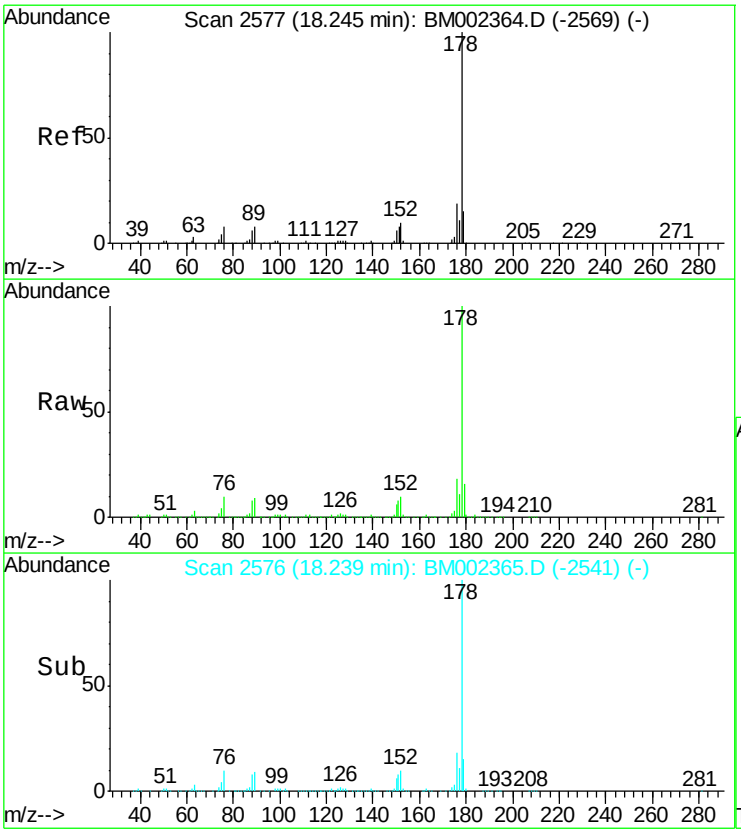
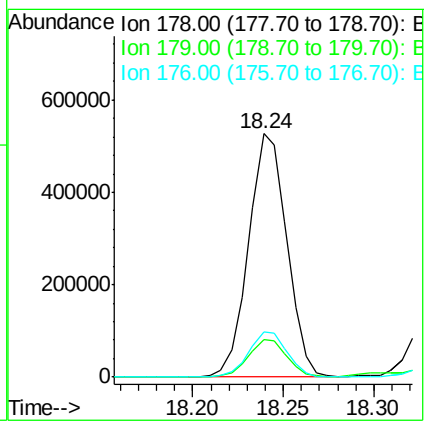
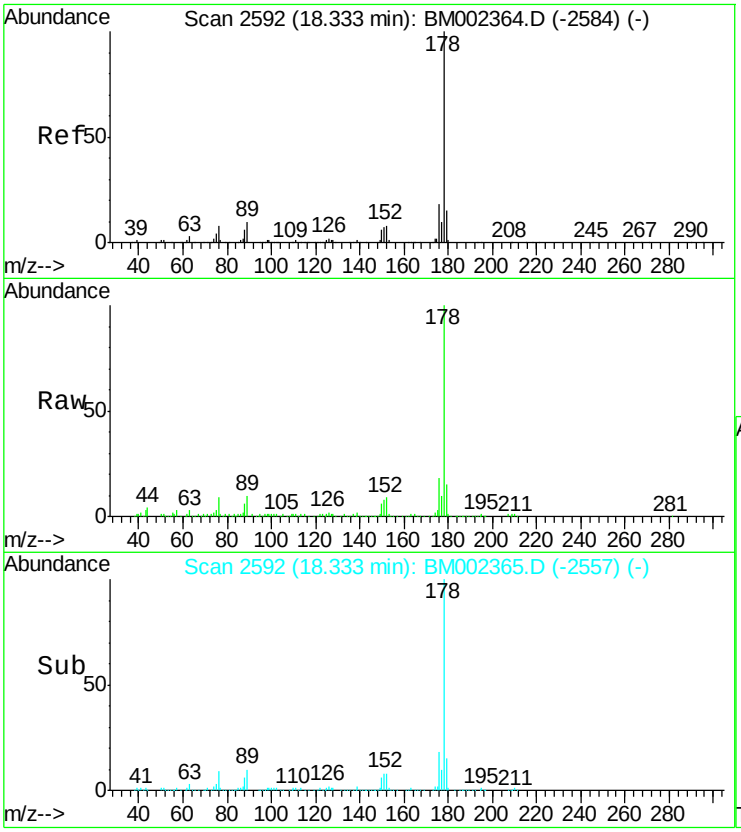


#13
Phenanthrene
Concen: 13.71 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:178 Resp: 770760

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.4	15.3	22.9

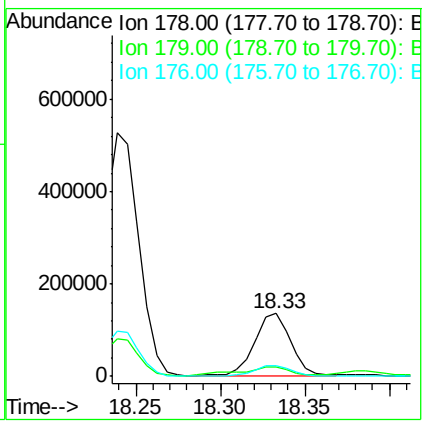




#15
Anthracene
Concen: 3.52 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:178 Resp: 204661

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	17.9	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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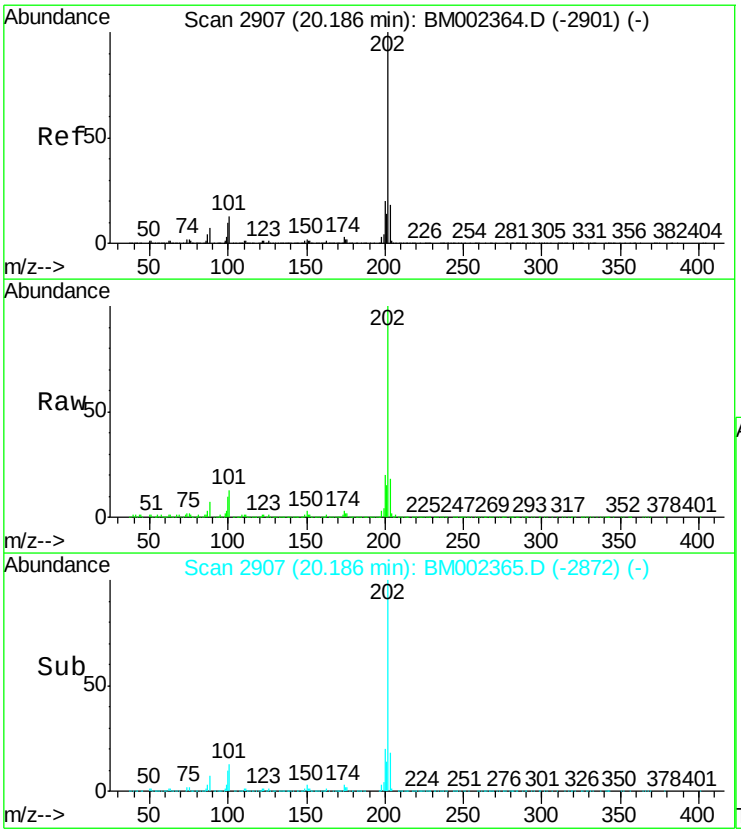
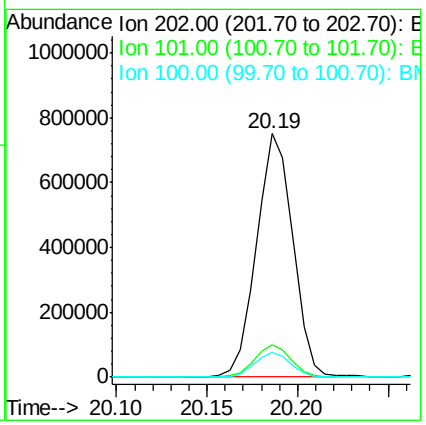
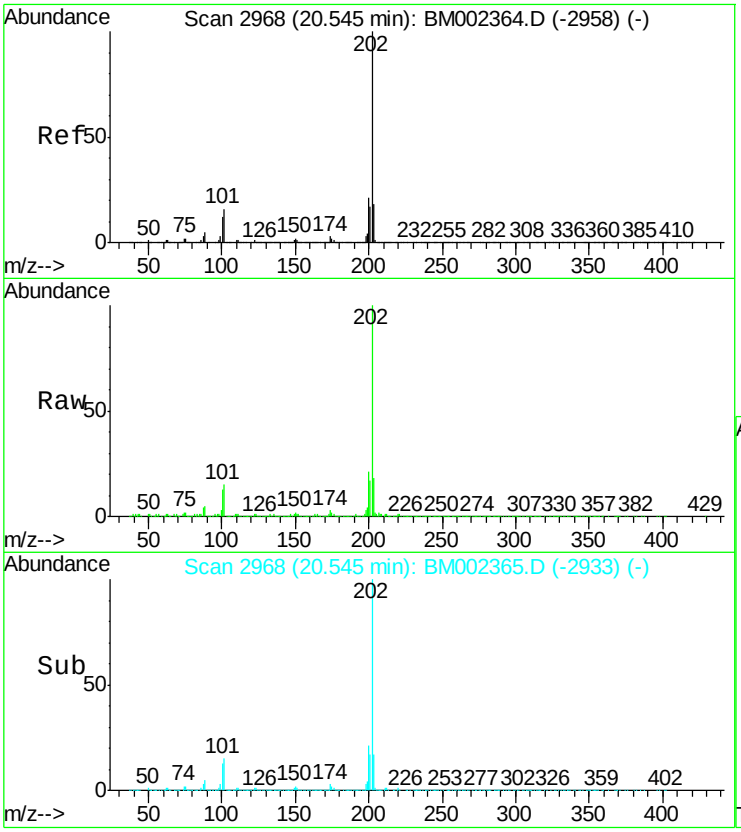


#16
Fluoranthene
Concen: 16.72 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:202 Resp: 1040954

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.3	8.2	12.4

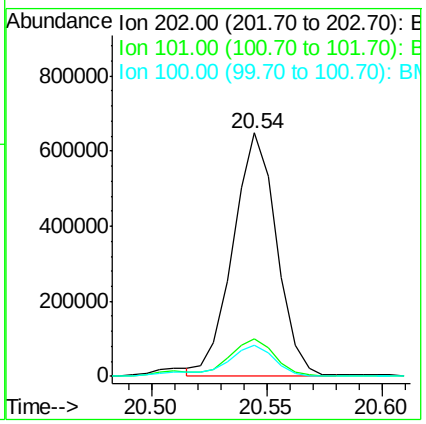




#19
Pyrene
Concen: 19.51 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:202 Resp: 854406

Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.0	19.6
100	12.6	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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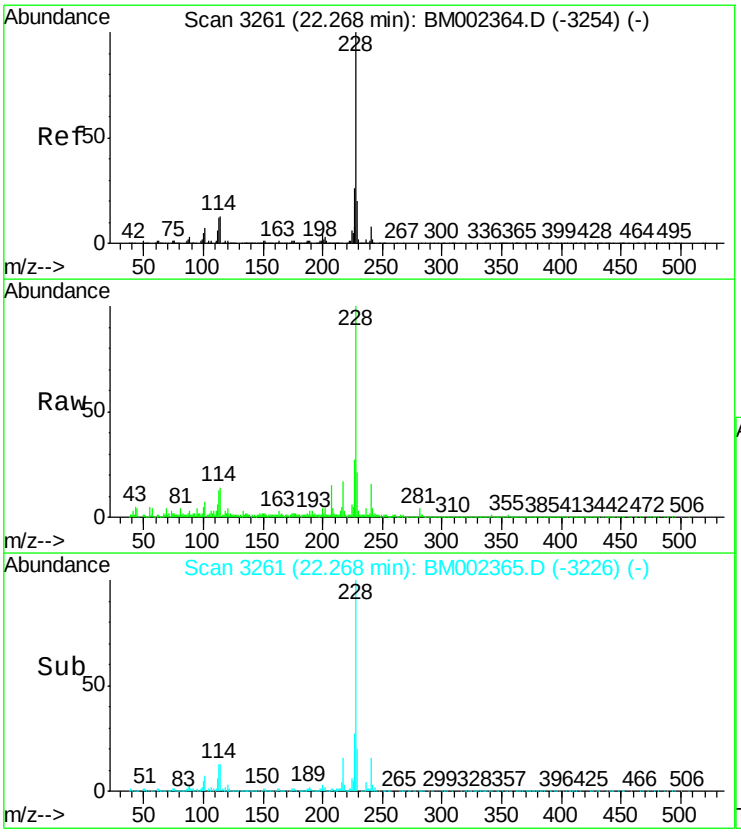
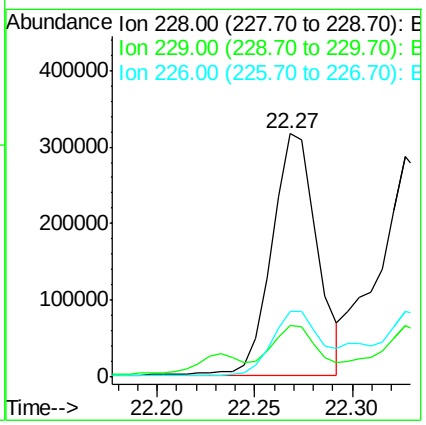
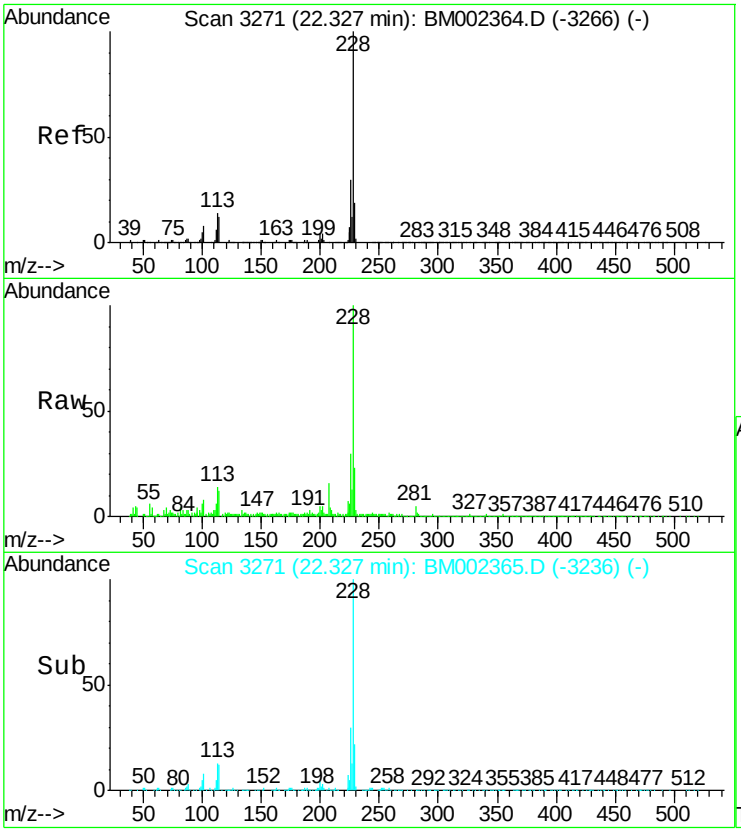


#20
Benzo(a)anthracene
Concen: 12.36 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:228 Resp: 510908

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.2	21.4	32.0

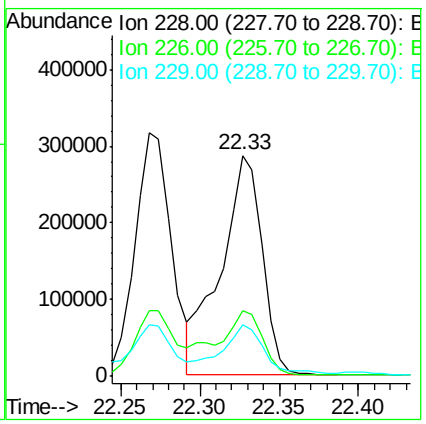




#21
Chrysene
Concen: 13.24 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:228 Resp: 518715

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	23.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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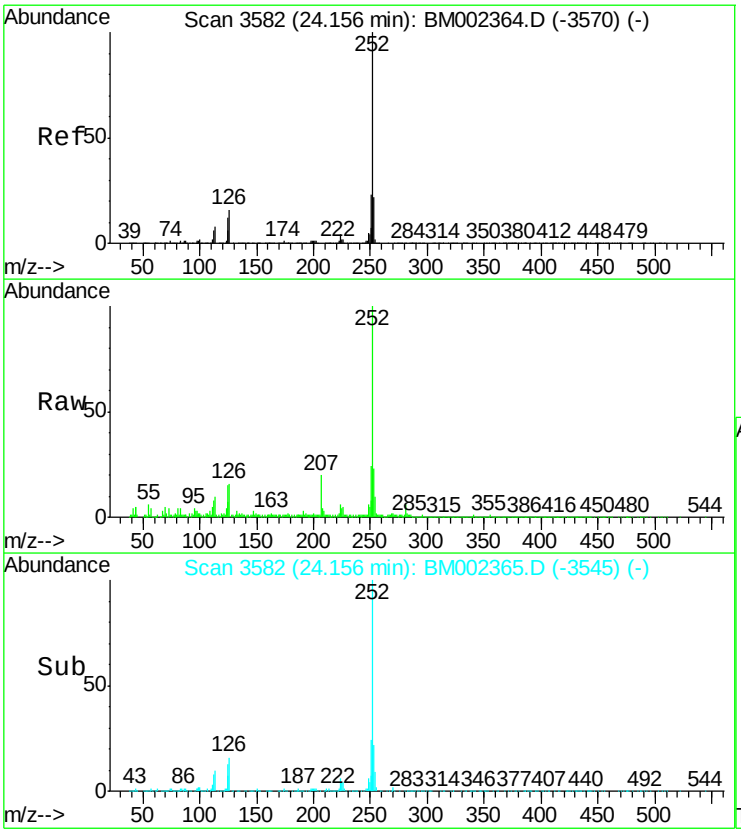
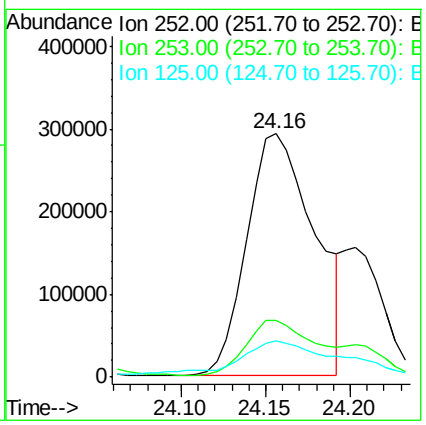
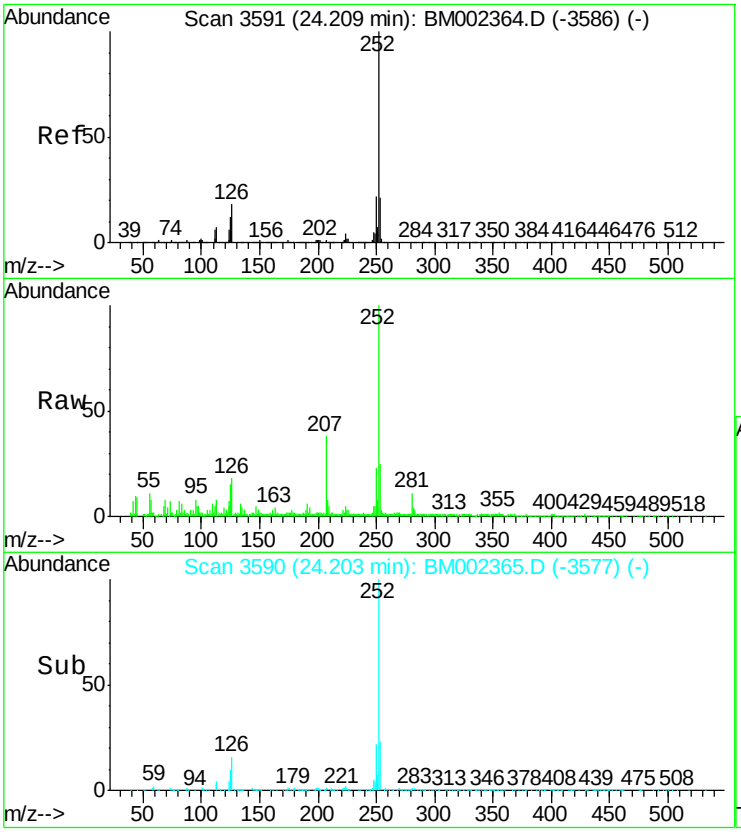


#23
Benzo(b)fluoranthene
Concen: 19.85 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:252 Resp: 814797

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.0	10.3	15.5

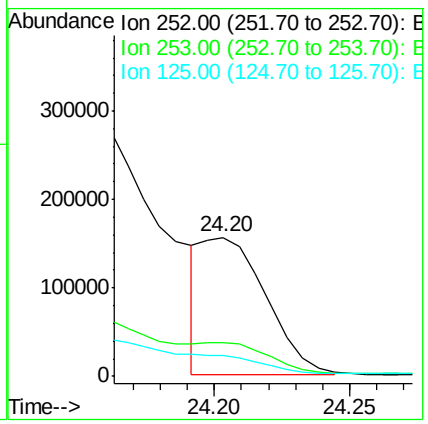




#24
Benzo(k)fluoranthene
Concen: 6.34 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:252 Resp: 250003

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	14.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
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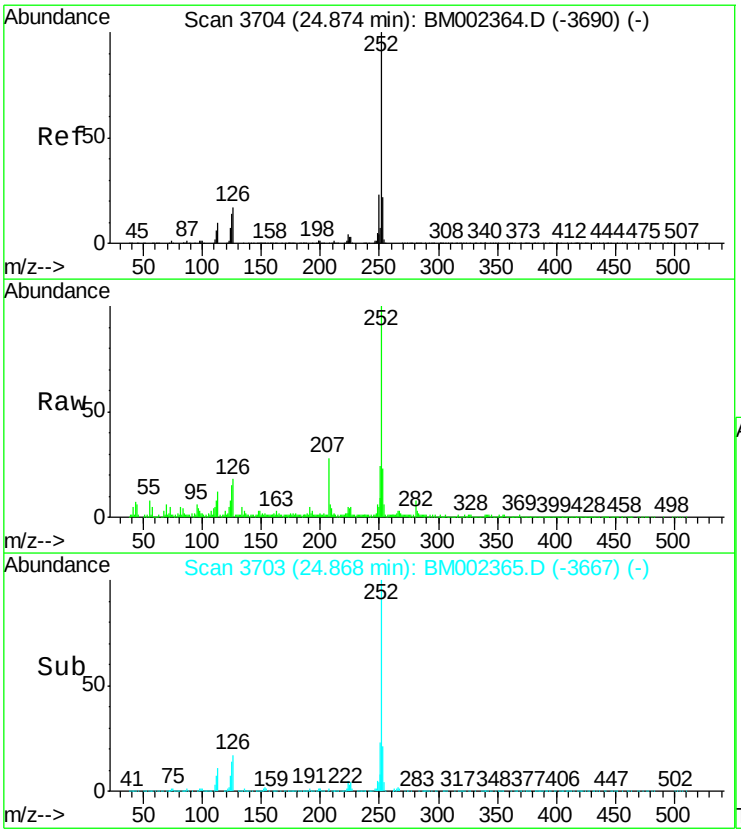
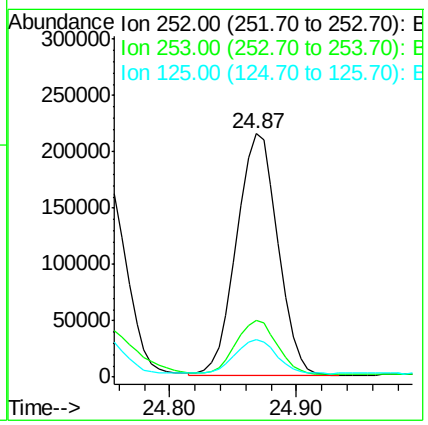
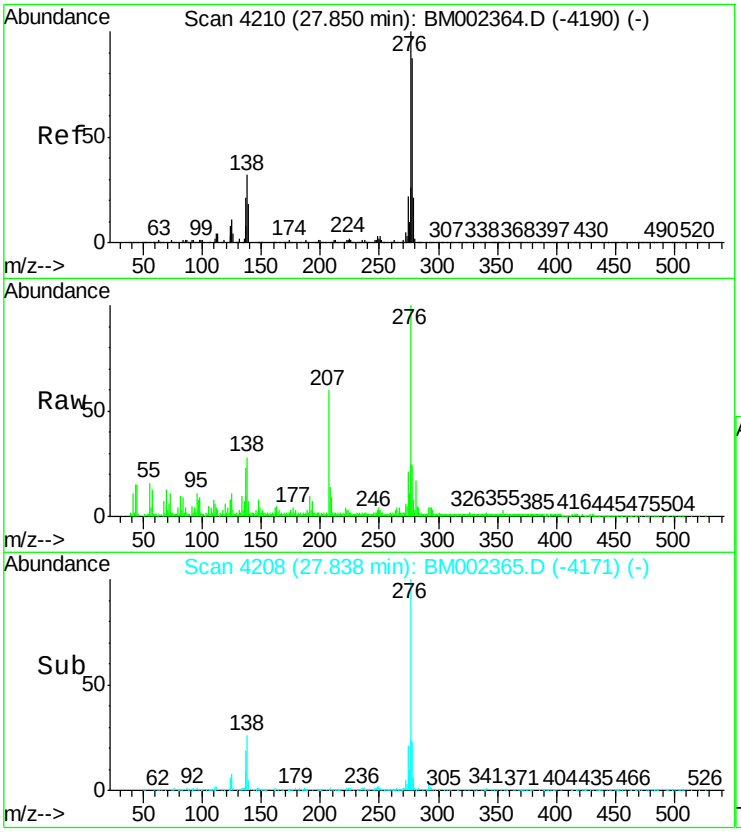


#26
Benzo(a)pyrene
Concen: 12.30 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:252 Resp: 483070

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	15.5	11.0	16.6

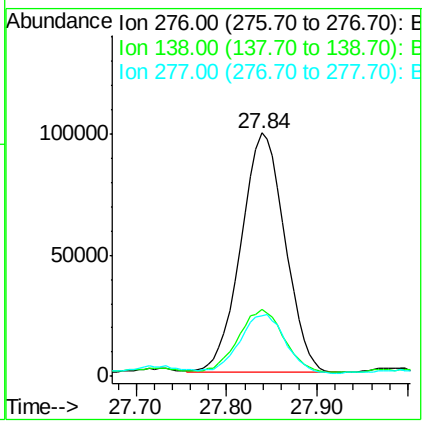




#27
Indeno(1,2,3-cd)pyrene
Concen: 7.42 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. 0.02 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

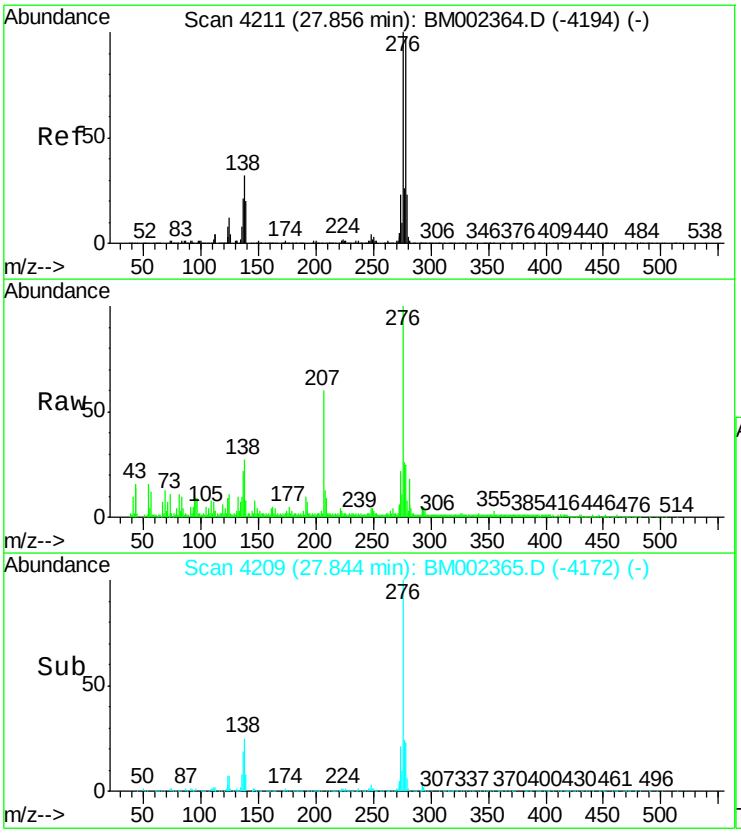
Tgt Ion:276 Resp: 333960

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.6	38.4
277	25.1	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9C97

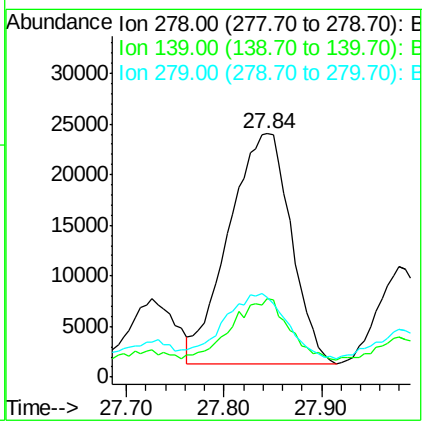
Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:23 AM

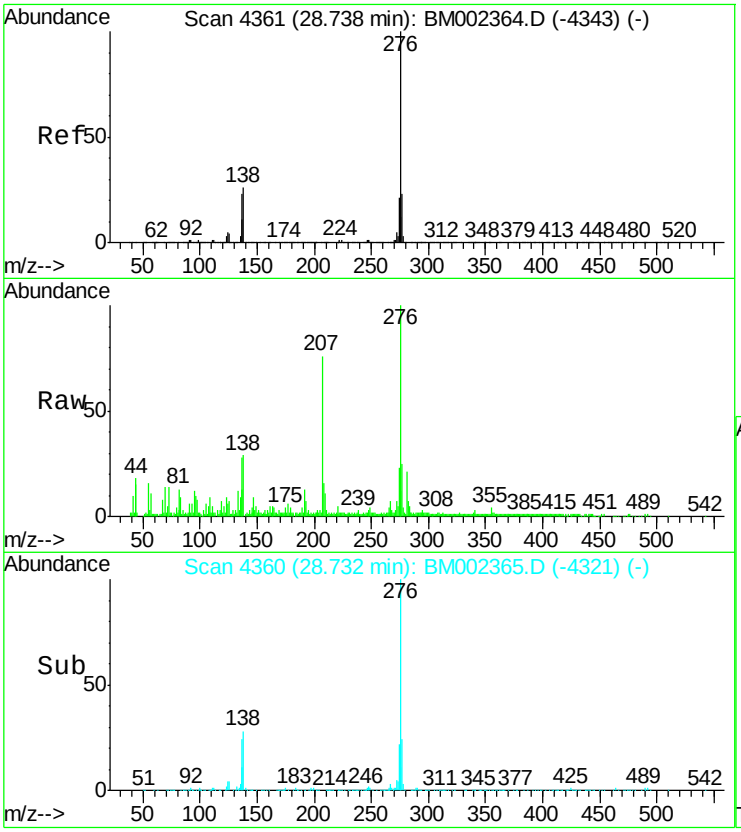


#28
Dibenzo(a,h)anthracene
Concen: 2.64 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.02 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:278 Resp: 100820

Ion	Ratio	Lower	Upper
278	100		
139	32.3	16.4	24.6#
279	32.5	18.8	28.2#

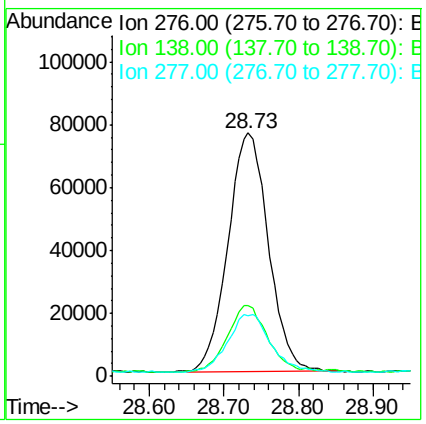




#29
Benzo(g,h,i)perylene
Concen: 7.50 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.03 min
Lab File: BM002365.D
Acq: 12 Aug 2015 17:42

Tgt Ion:276 Resp: 284777

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	25.1	19.0	28.6



Instrument :
BNA_M
ClientSampleId :
D9C97

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:23 AM