Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003230.D
Acq On : 20 Nov 2015 20:33
Operator : UM/IZ
Sample : G4322-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4HR7

Manual Integrations APPROVED
Mmdadoda
11/23/2015 6:58:53 PM

Quant Time: Nov 21 04:56:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14089	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	55088	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28853	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	60107	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	55085	0.40	ng/ul	0.00
22) Perylene-d12	23.60	264	55451	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	47677	3.17	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	10314	0.14	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	23376	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	461216	3.26	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	49069	0.53	ng/ul#	100
9) Acenaphthylene	14.09	152	71374	0.59	ng/ul	99
10) Acenaphthene	14.45	153	9612	0.09	ng/ul#	86
11) Fluorene	15.44	166	22657m	0.21	ng/ul	
13) Pentachlorophenol	16.78	266	1526	0.11	ng/ul	95
14) Phenanthrene	17.16	178	543797m	3.12	ng/ul	
15) Anthracene	17.26	178	120786	0.83	ng/ul	99
17) Fluoranthene	19.19	202	830683	4.29	ng/ul	98
19) Pyrene	19.55	202	746558	3.95	ng/ul	98
20) Benzo(a)anthracene	21.31	228	468637	2.93	ng/ul#	88
21) Chrysene	21.36	228	431623	2.40	ng/ul	94
23) Benzo(b)fluoranthene	22.91	252	605599m	2.87	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	169598m	0.85	ng/ul	
25) Benzo(a)pyrene	23.49	252	406026	2.17	ng/ul#	95
26) Indeno(1,2,3-cd)pyrene	25.87	276	291093	1.30	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.88	278	73394	0.41	ng/ul#	75
28) Benzo(g,h,i)perylene	26.57	276	276025	1.41	ng/ul	99

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

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Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
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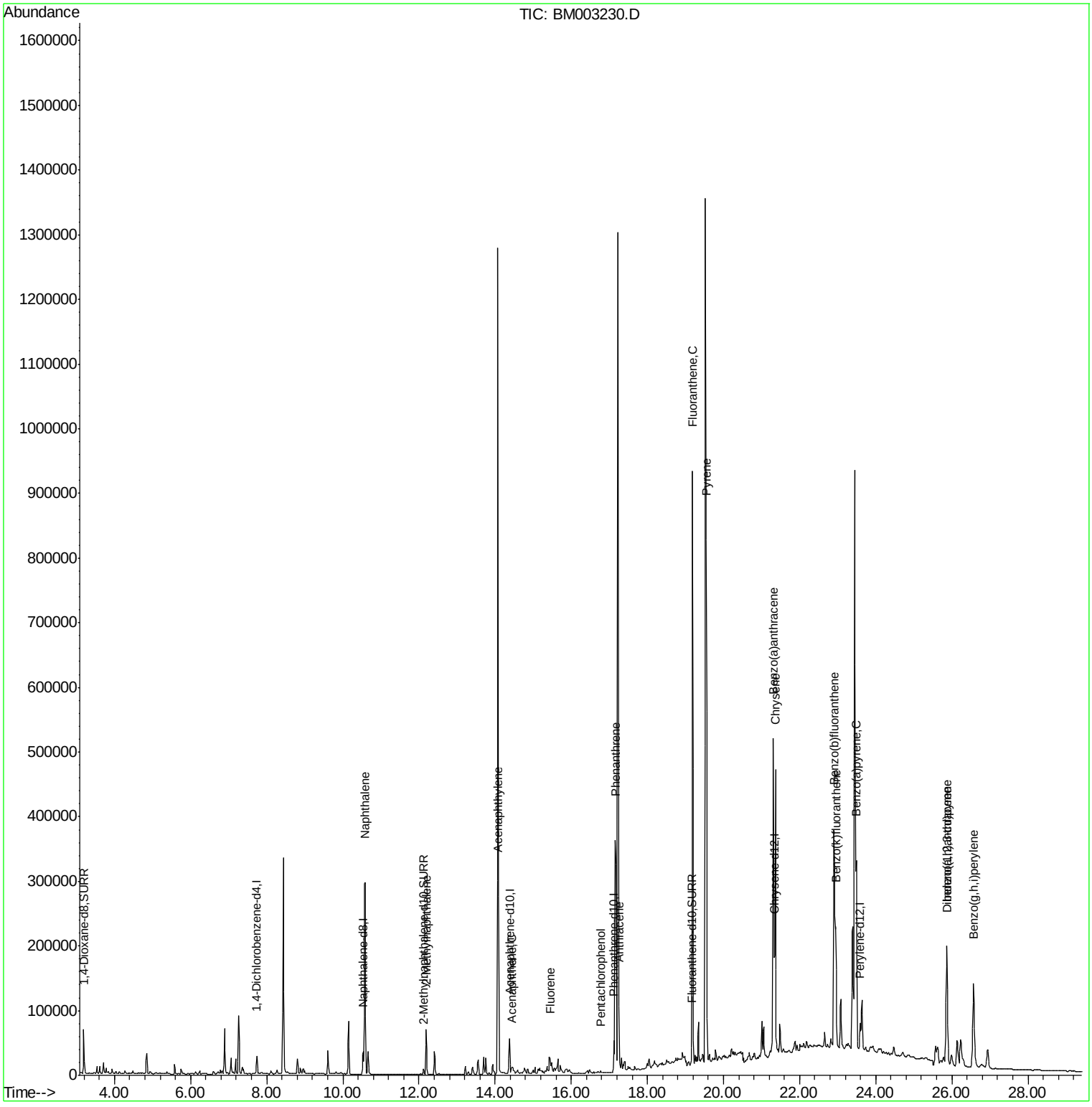
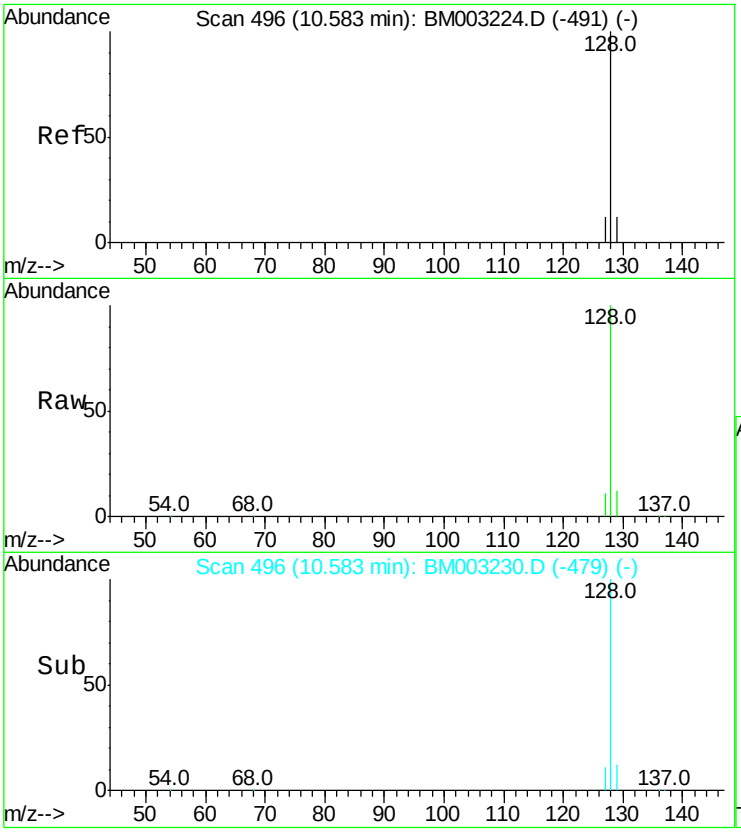
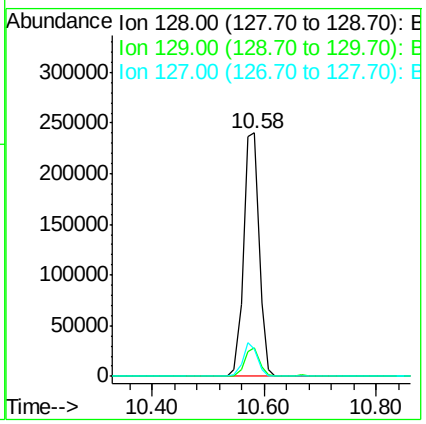




#5
Naphthalene
Concen: 3.26 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:128 Resp: 461216

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	11.5	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
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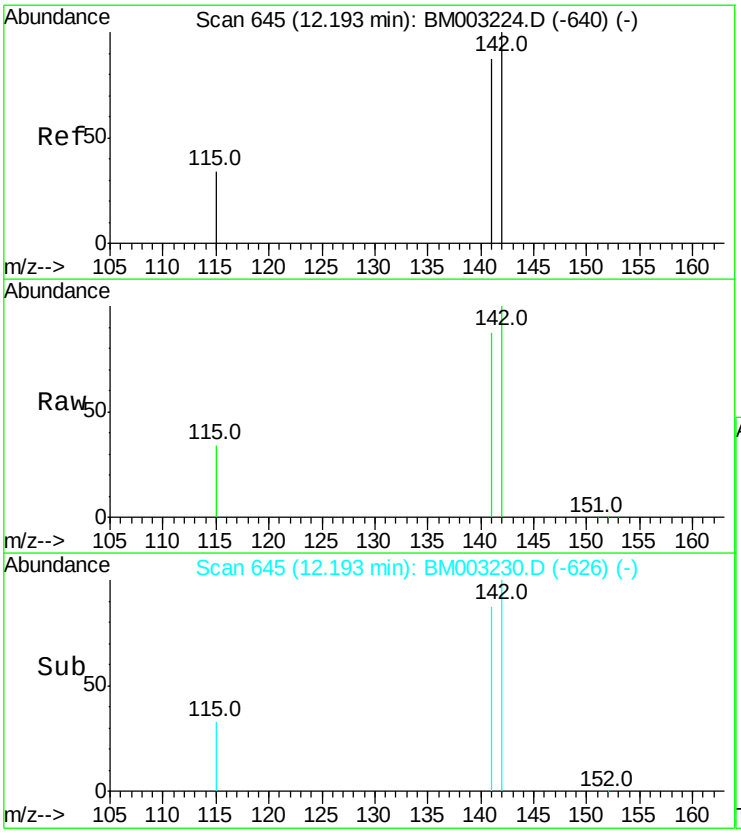
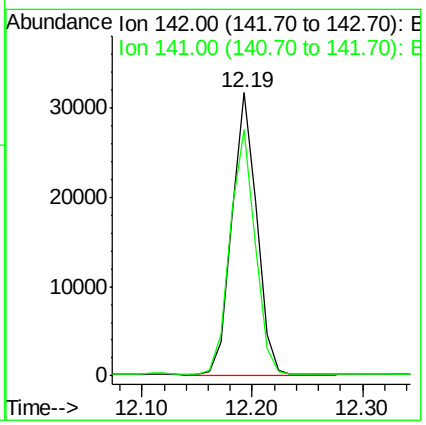
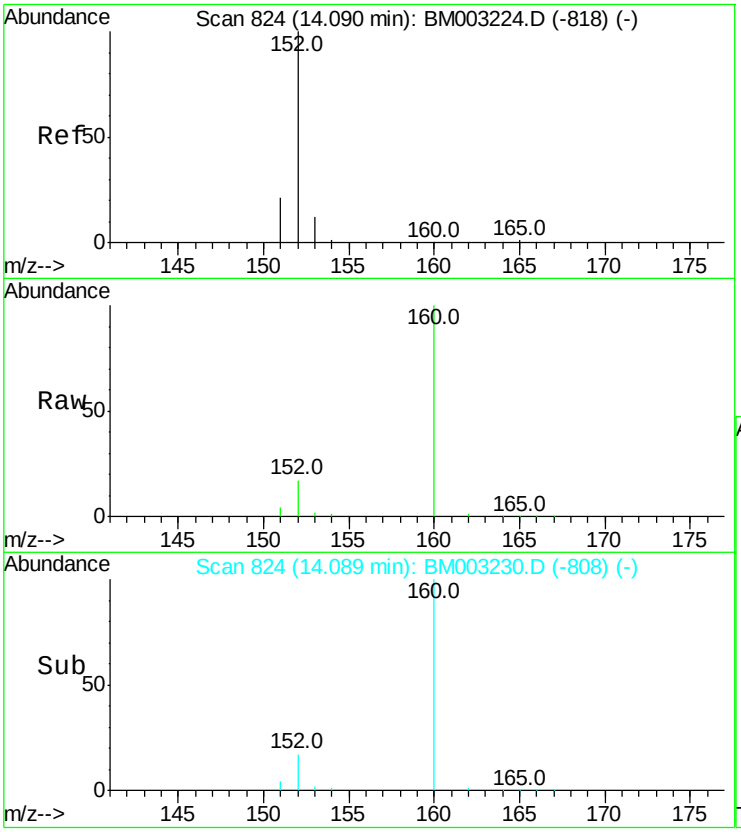


#7
2-Methylnaphthalene
Concen: 0.53 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:142 Resp: 49069

Ion	Ratio	Lower	Upper
142	100		
141	88.0	0.0	0.0#

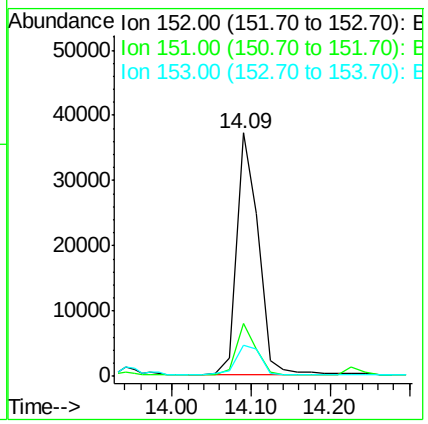




#9
Acenaphthylene
Concen: 0.59 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:152 Resp: 71374

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.6	26.4
153	13.0	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
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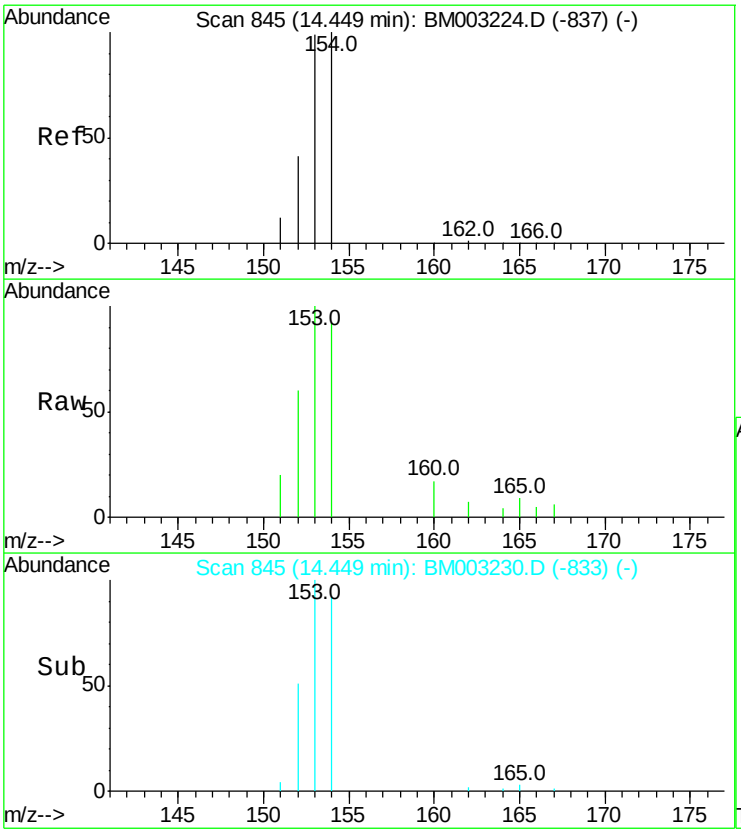
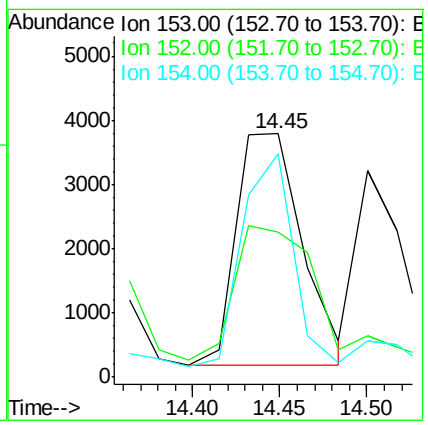
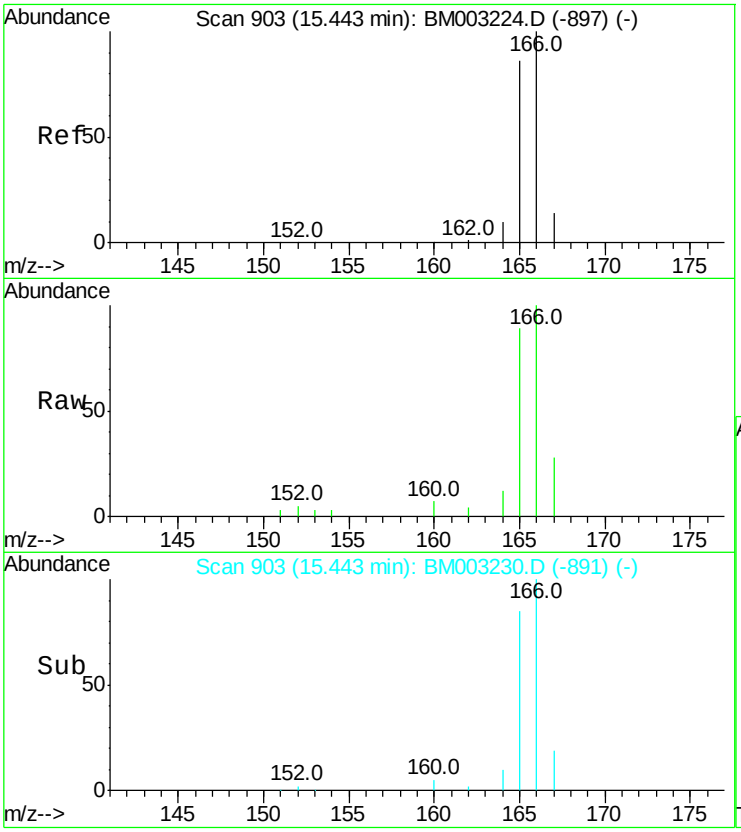


#10
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:153 Resp: 9612

Ion	Ratio	Lower	Upper
153	100		
152	59.5	33.9	50.9#
154	91.8	80.6	121.0

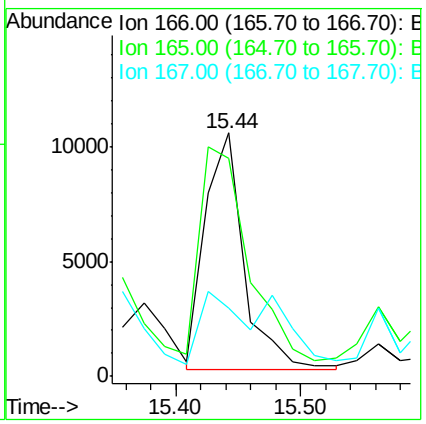




#11
Fluorene
Concen: 0.21 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:166 Resp: 22657

Ion	Ratio	Lower	Upper
166	100		
165	89.5	69.6	104.4
167	28.0	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
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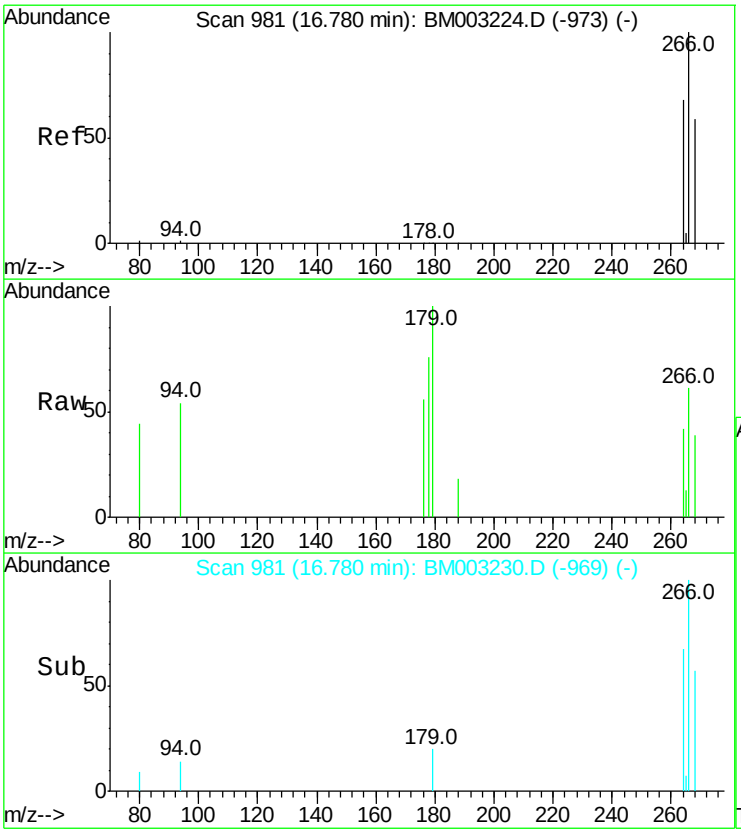
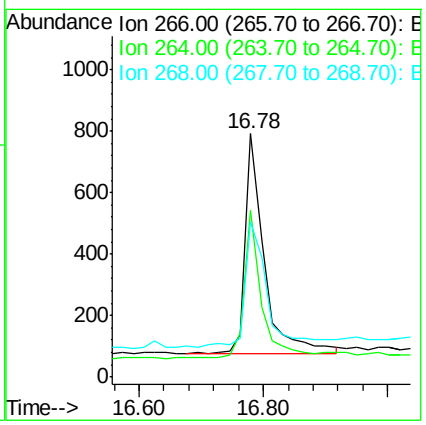
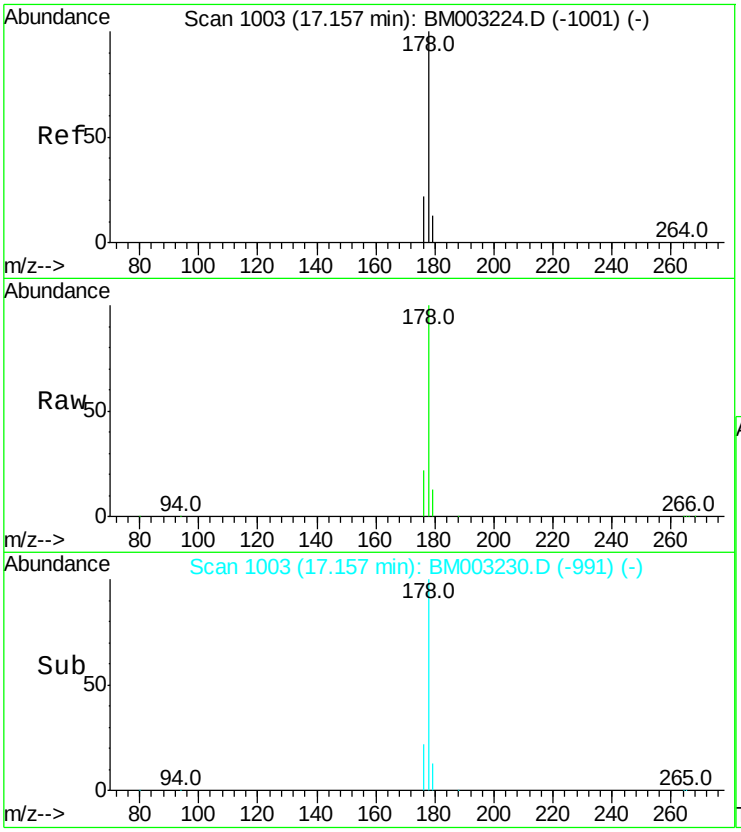


#13
Pentachlorophenol
Concen: 0.11 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:266 Resp: 1526

Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.8	77.8
268	65.6	46.8	70.2





#14
Phenanthrene
Concen: 3.12 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:178 Resp: 543797

Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.0	19.4#
179	13.4	14.2	21.2#

Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
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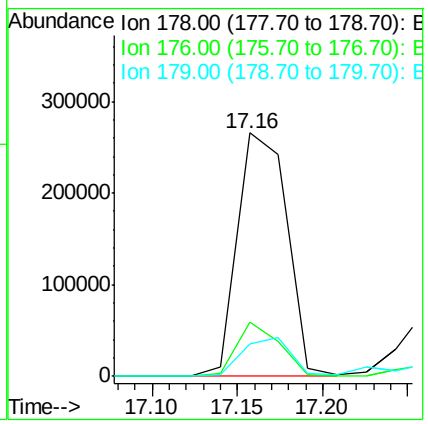
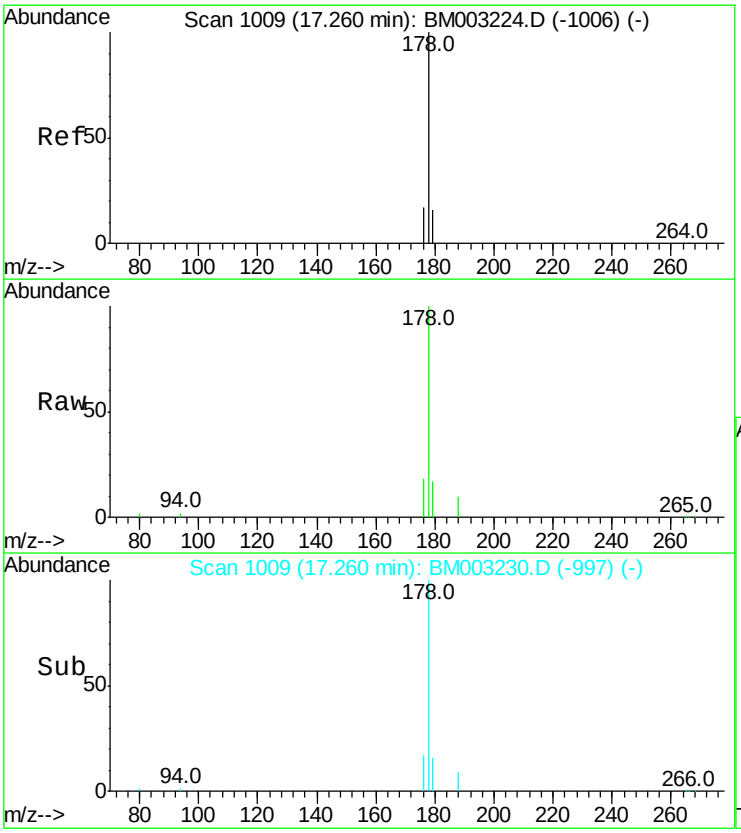
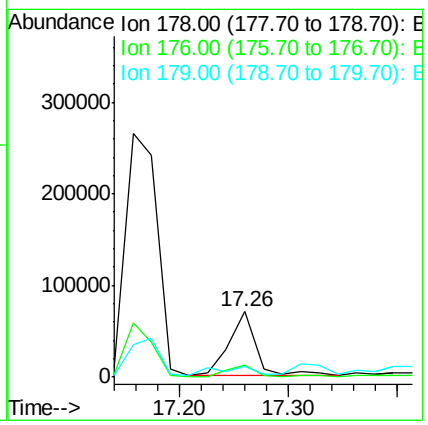


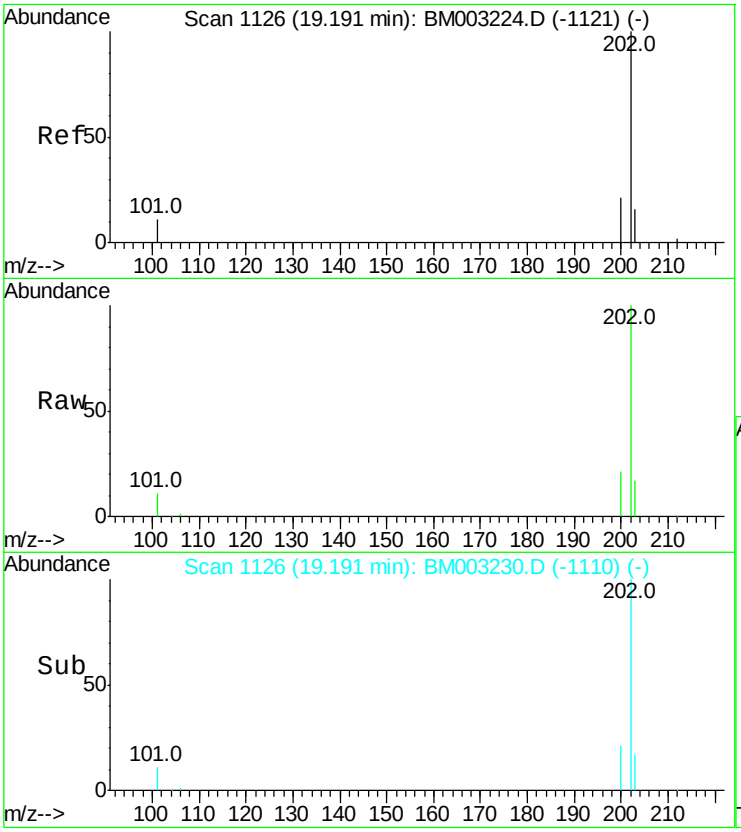


#15
Anthracene
Concen: 0.83 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:178 Resp: 120786

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.0	21.0
179	17.1	12.9	19.3

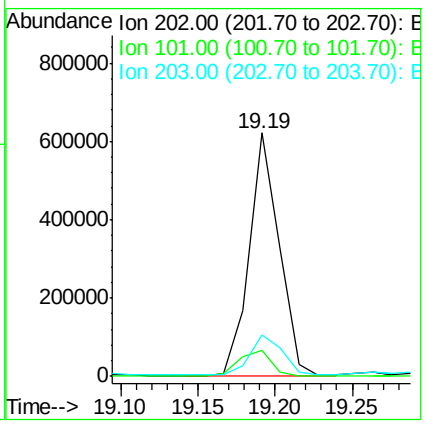




#17
Fluoranthene
Concen: 4.29 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:202 Resp: 830683

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.6
203	17.2	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
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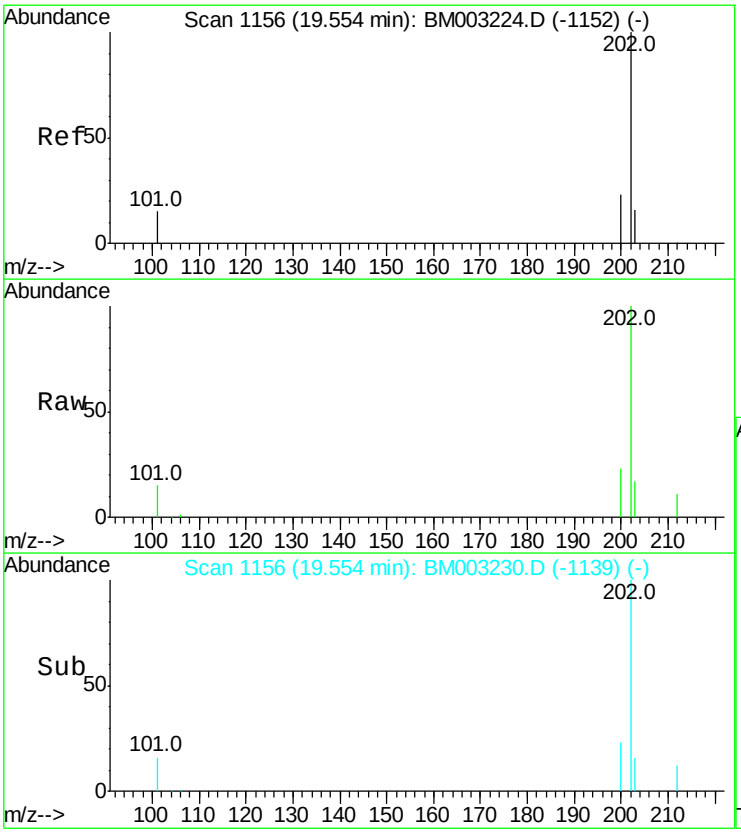
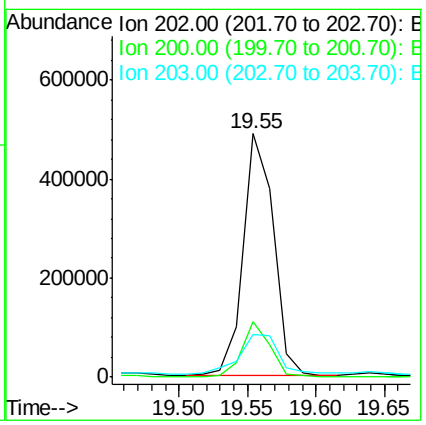
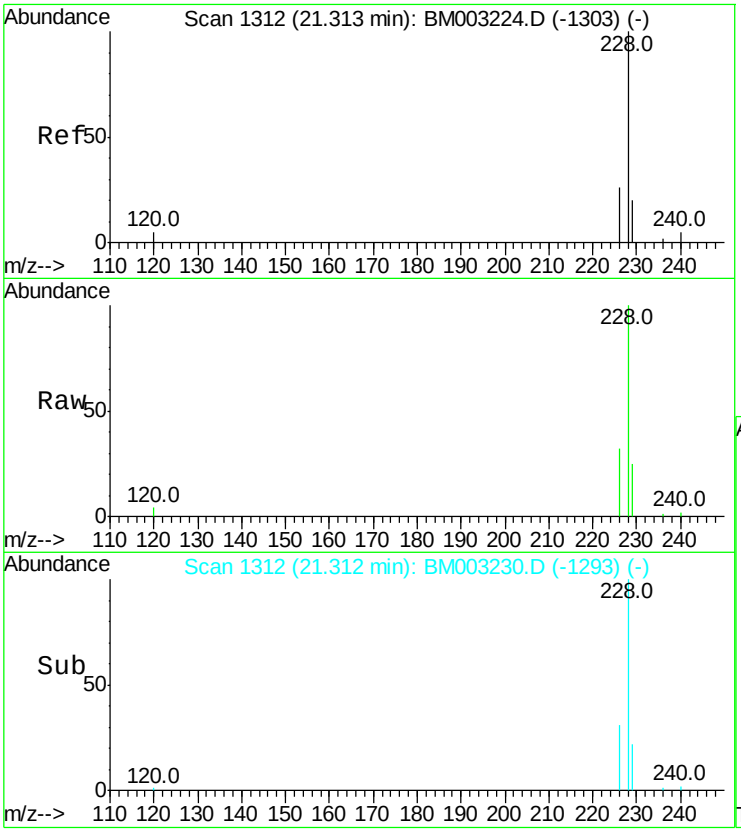


#19
Pyrene
Concen: 3.95 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:202 Resp: 746558

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	17.4	12.8	19.2

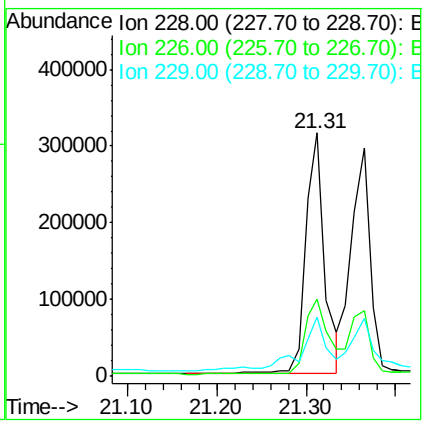




#20
Benzo(a)anthracene
Concen: 2.93 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:228 Resp: 468637

Ion	Ratio	Lower	Upper
228	100		
226	31.7	18.8	28.2#
229	24.5	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
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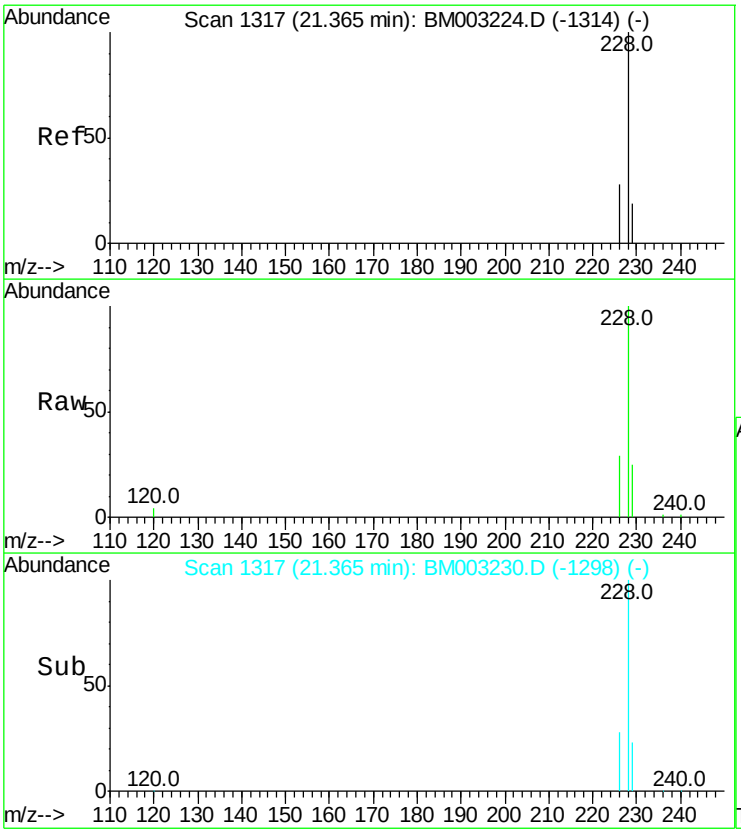
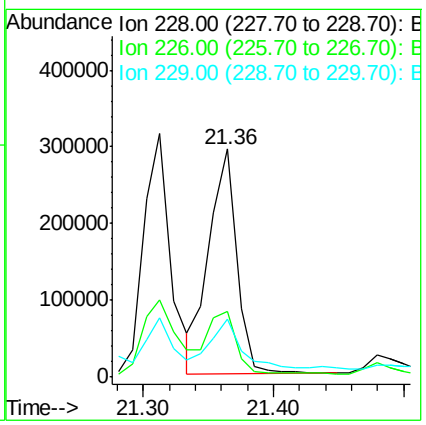
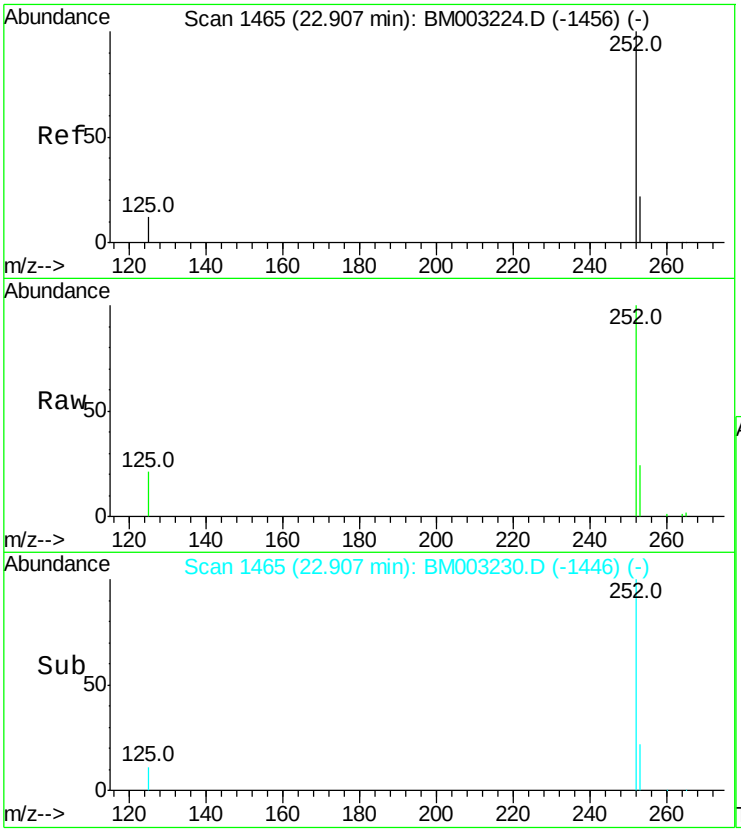


#21
Chrysene
Concen: 2.40 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:228 Resp: 431623

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.2	31.8
229	25.4	17.0	25.6

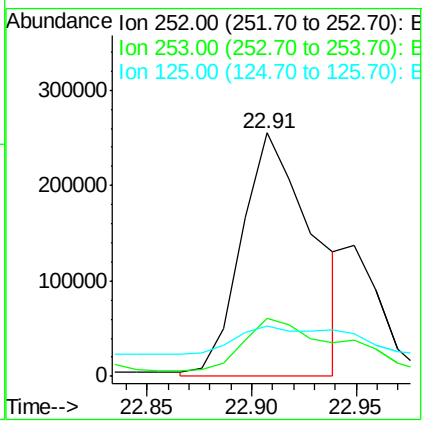




#23
Benzo(b)fluoranthene
Concen: 2.87 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:252 Resp: 605599

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	45.4
125	20.6	0.0	28.8



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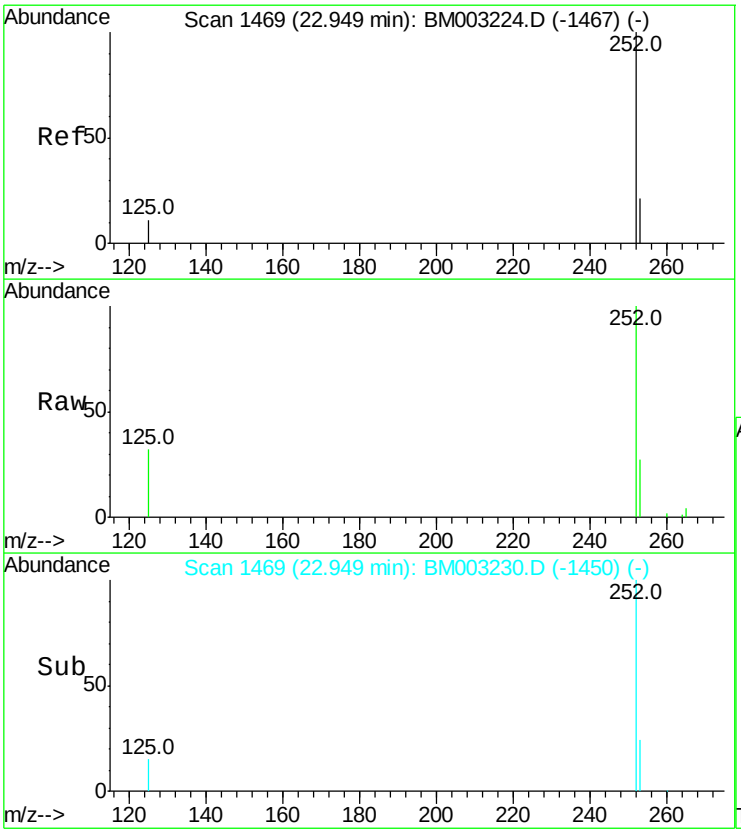
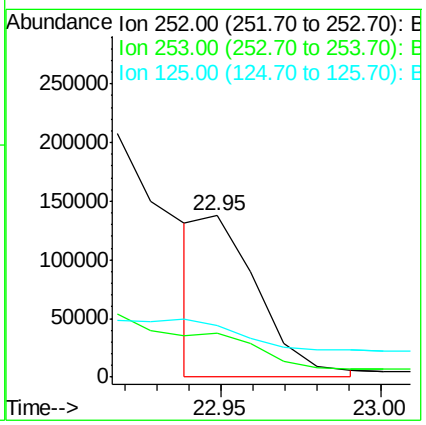
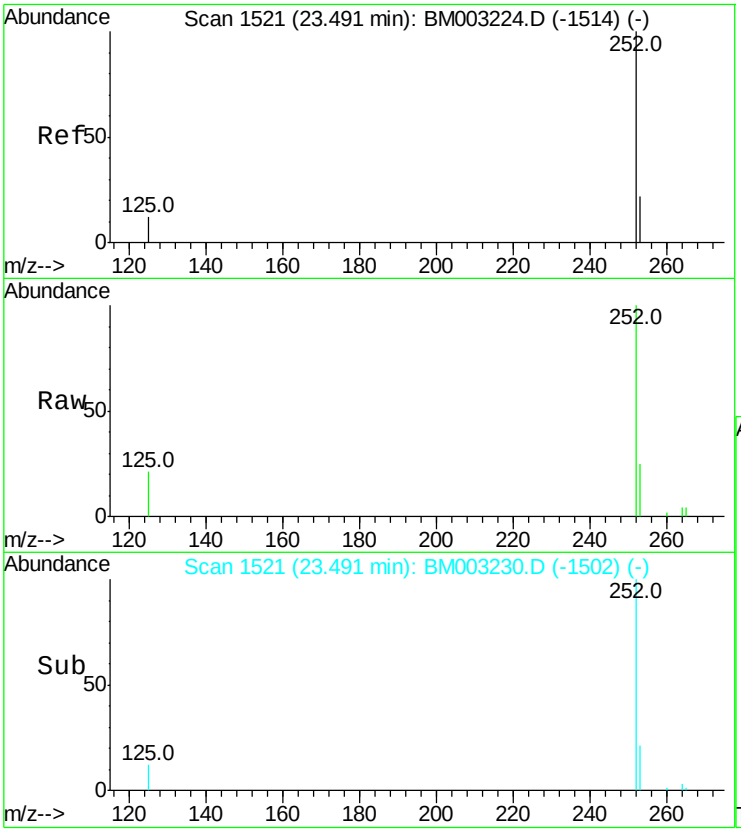


#24
Benzo(k)fluoranthene
Concen: 0.85 ng/ul m
RT: 22.95 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:252 Resp: 169598

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.8	29.8
125	32.1	10.4	15.6#

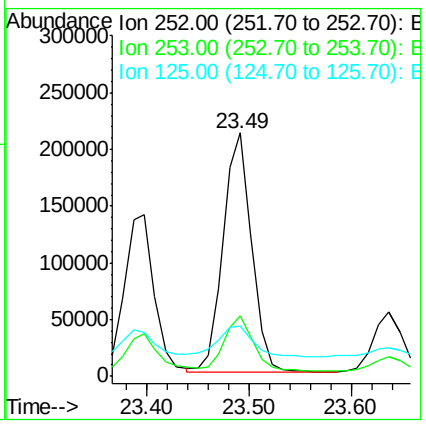




#25
Benzo(a)pyrene
Concen: 2.17 ng/ul
RT: 23.49 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

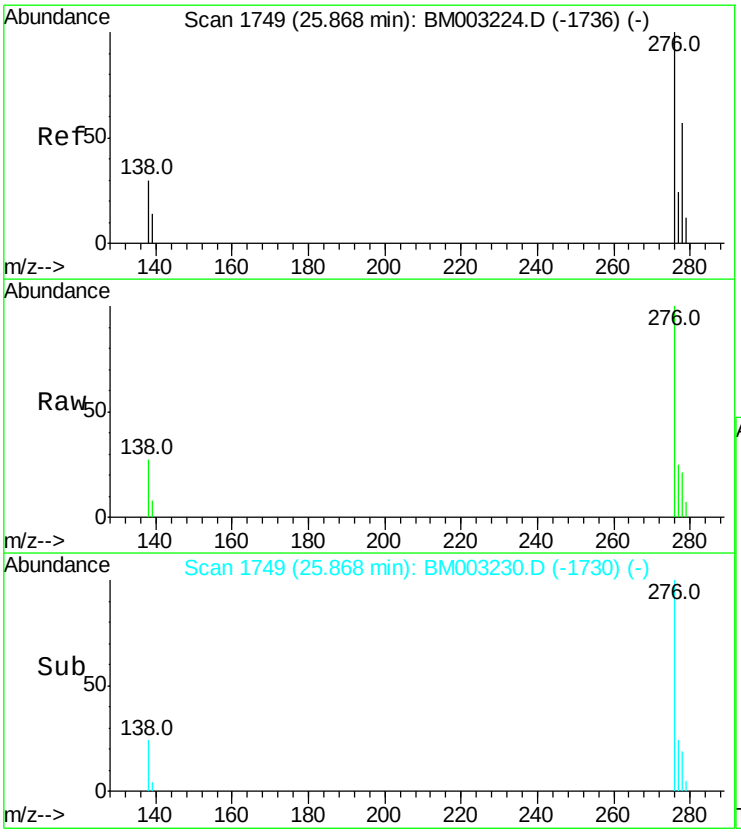
Tgt Ion:252 Resp: 406026

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.2
125	20.6	12.7	19.1#



Instrument :
BNA_M
ClientSampleId :
A4HR7

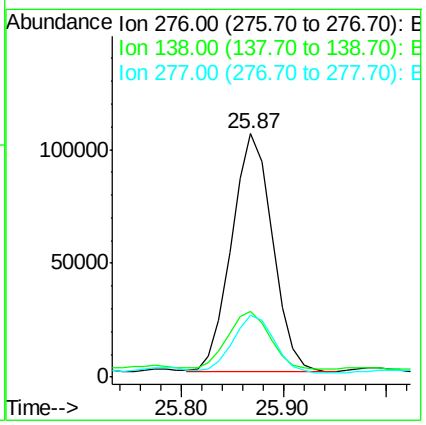
Manual Integrations APPROVED
Mmdadoda
11/23/2015 6:58:53 PM

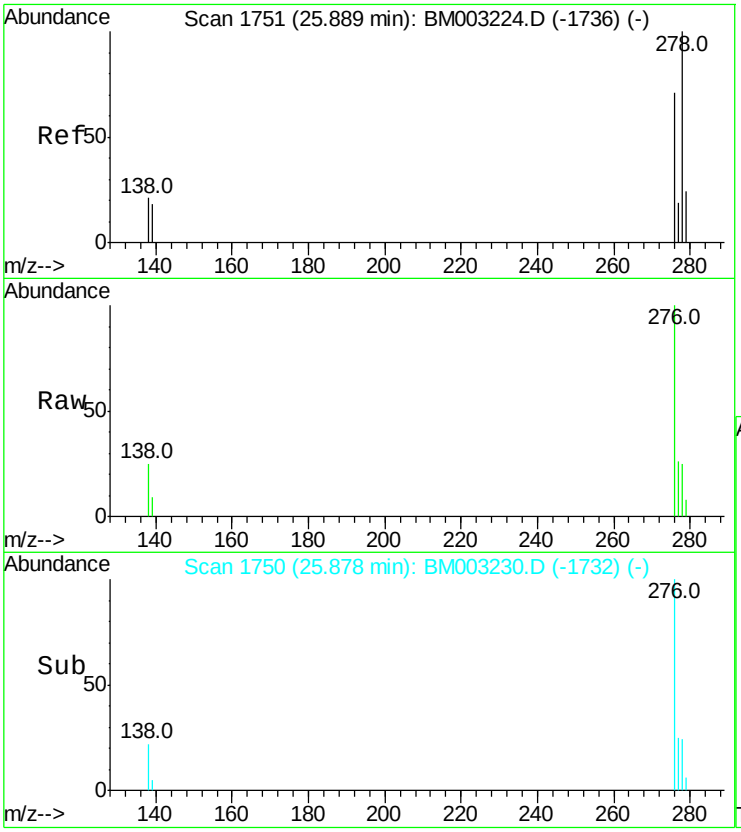


#26
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:276 Resp: 291093

Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.3	24.5#
277	24.6	19.8	29.8

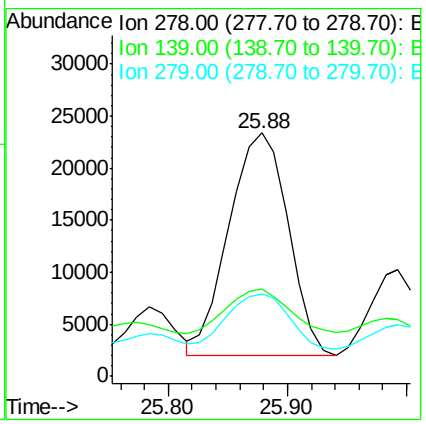




#27
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 25.88 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

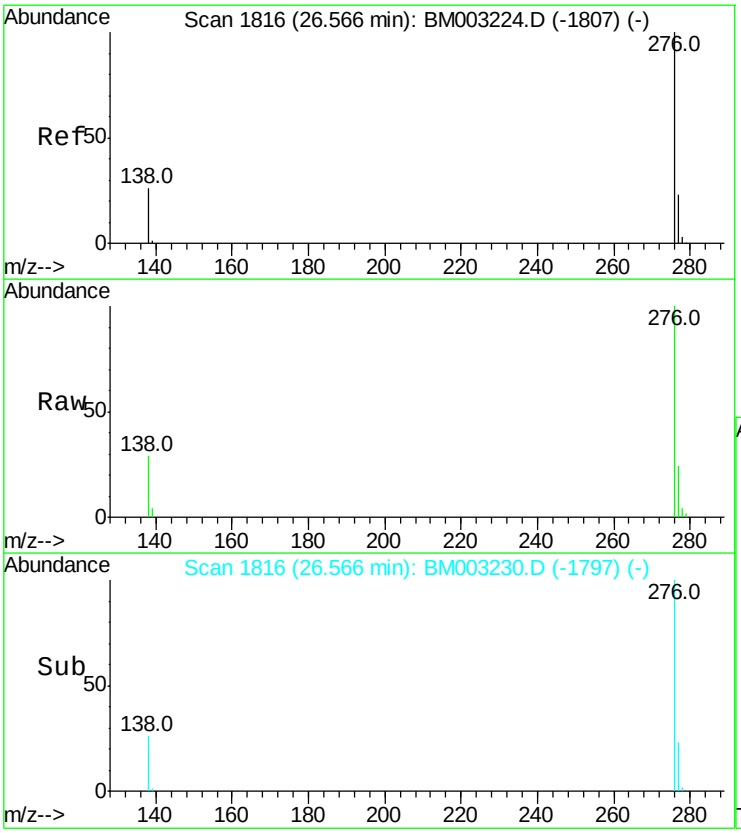
Tgt Ion:278 Resp: 73394

Ion	Ratio	Lower	Upper
278	100		
139	35.9	16.4	24.6#
279	34.1	20.2	30.2#



Instrument :
BNA_M
ClientSampleId :
A4HR7

Manual Integrations APPROVED
Mmdadoda
11/23/2015 6:58:53 PM



#28
Benzo(g,h,i)perylene
Concen: 1.41 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM003230.D
Acq: 20 Nov 2015 20:33

Tgt Ion:276 Resp: 276025

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	28.5	22.5	33.7