Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 12 00:02:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	514	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1652	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1041	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1783	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1870	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1732	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	553	0.24	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	1656m	0.33	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.51	128	4499	0.97	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	6082	2.04	ng/ul	97
7) Acenaphthylene	14.04	152	2827	0.60	ng/ul#	91
8) Acenaphthene	14.38	153	1442	0.40	ng/ul	100
9) Fluorene	15.38	166	3160	0.77	ng/ul#	81
12) Phenanthrene	17.11	178	20400	3.67	ng/ul	97
13) Anthracene	17.21	178	6312	1.21	ng/ul	96
15) Fluoranthene	19.14	202	32535	4.54	ng/ul	94
17) Pyrene	19.50	202	30152	4.64	ng/ul	98
18) Benzo(a)anthracene	21.26	228	18628	3.25	ng/ul	98
19) Chrysene	21.31	228	20403	2.86	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	36608m	5.30	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	11203m	1.57	ng/ul	
23) Benzo(a)pyrene	23.40	252	19192m	2.96	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	17844	2.23	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.75	278	5136	0.80	ng/ul	93
26) Benzo(g,h,i)perylene	26.44	276	15931	2.24	ng/ul#	91

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

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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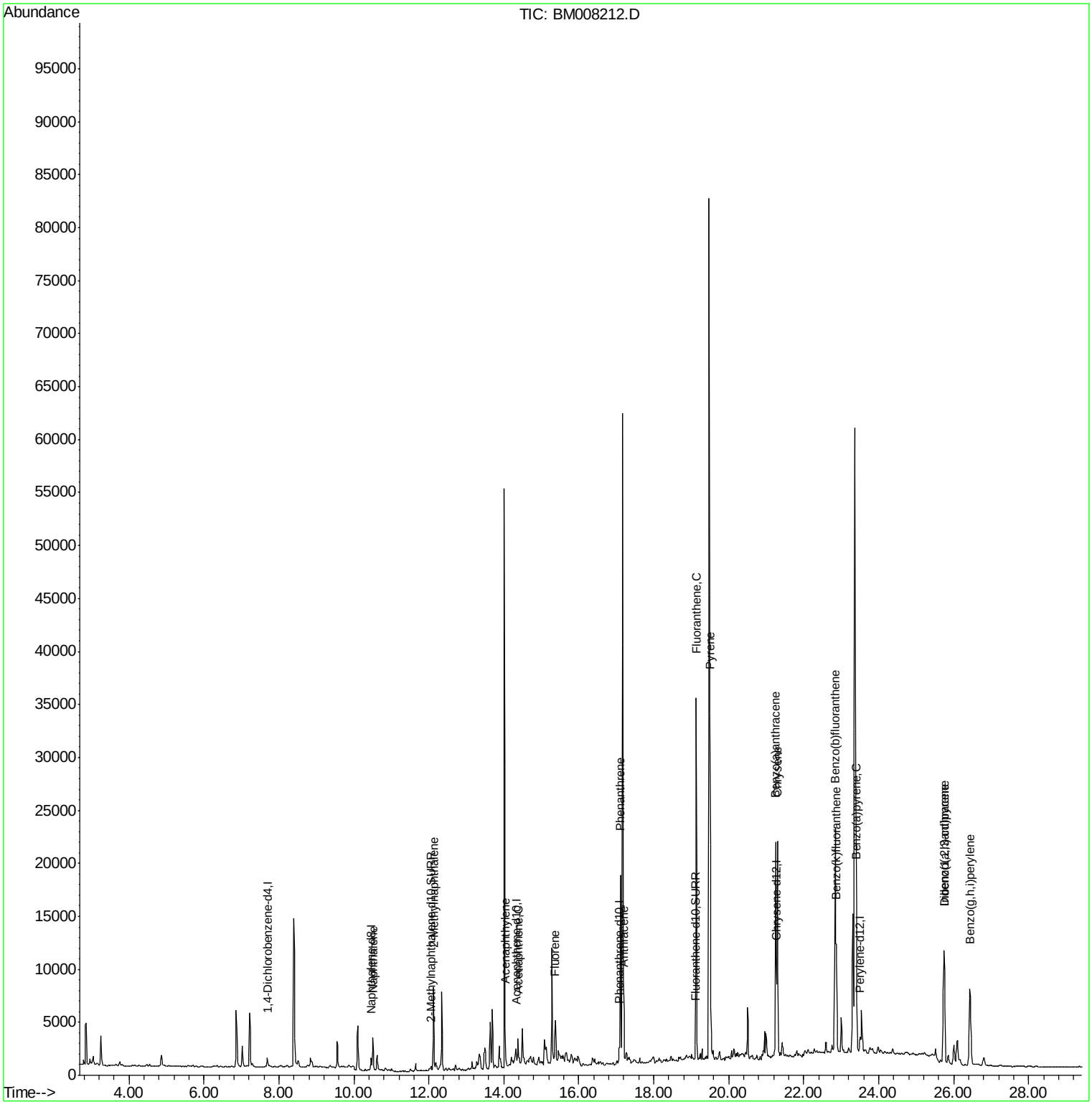
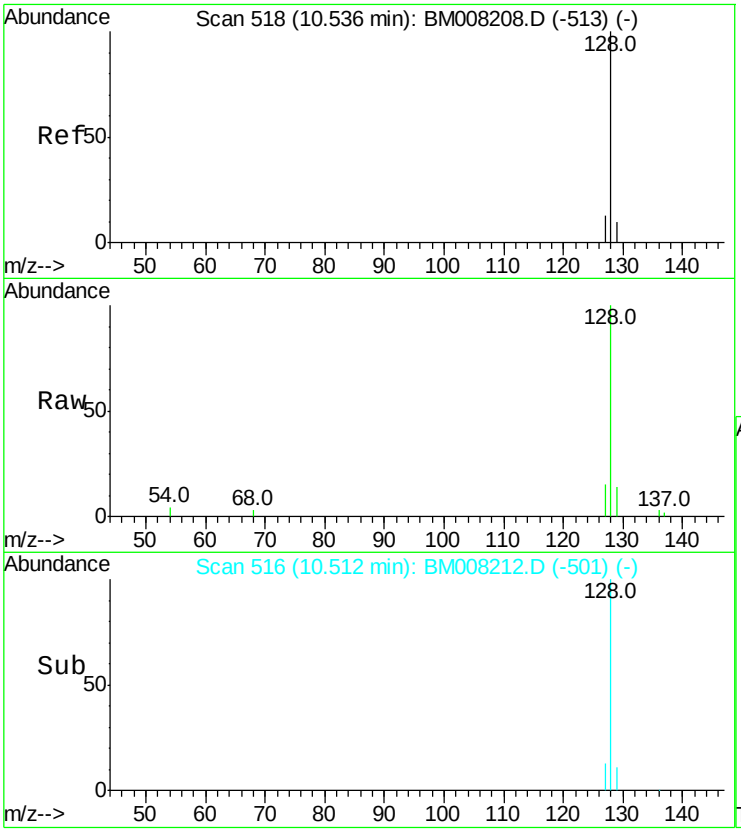
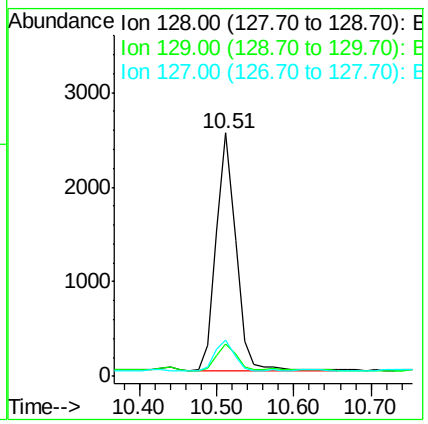




#3
Naphthalene
Concen: 0.97 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:128 Resp: 4499

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	14.8	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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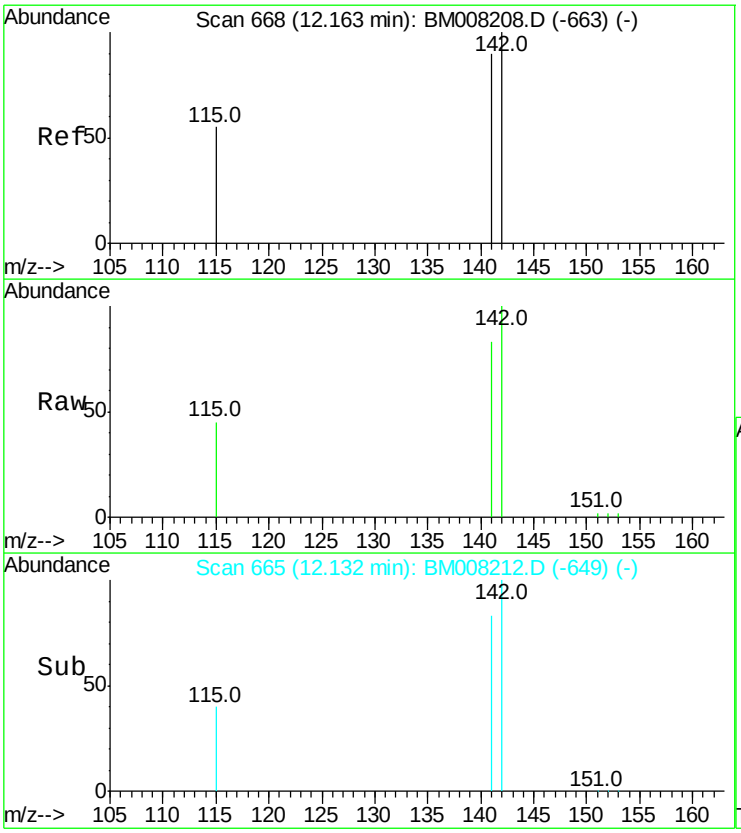
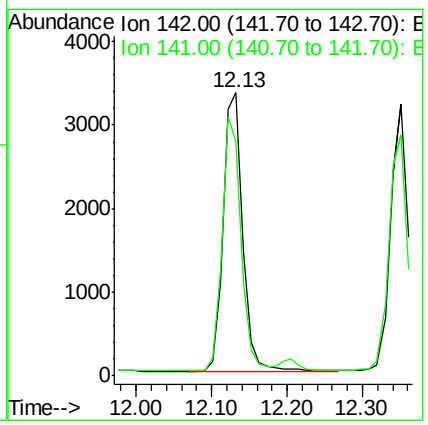
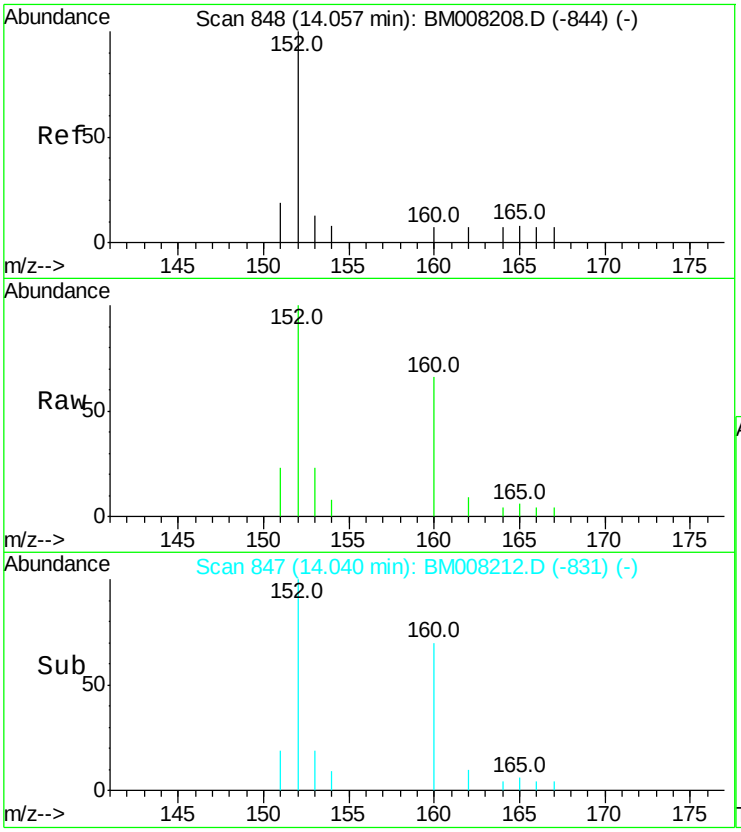


#5
2-Methylnaphthalene
Concen: 2.04 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:142 Resp: 6082

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8

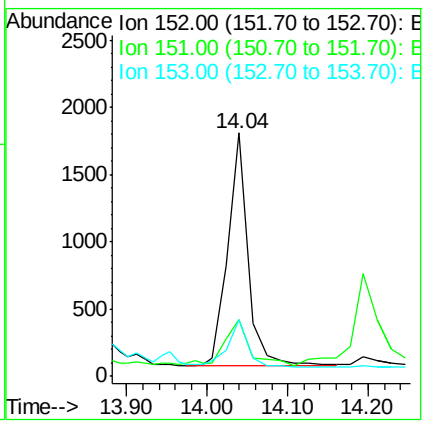




#7
Acenaphthylene
Concen: 0.60 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:152 Resp: 2827

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.1	25.7
153	23.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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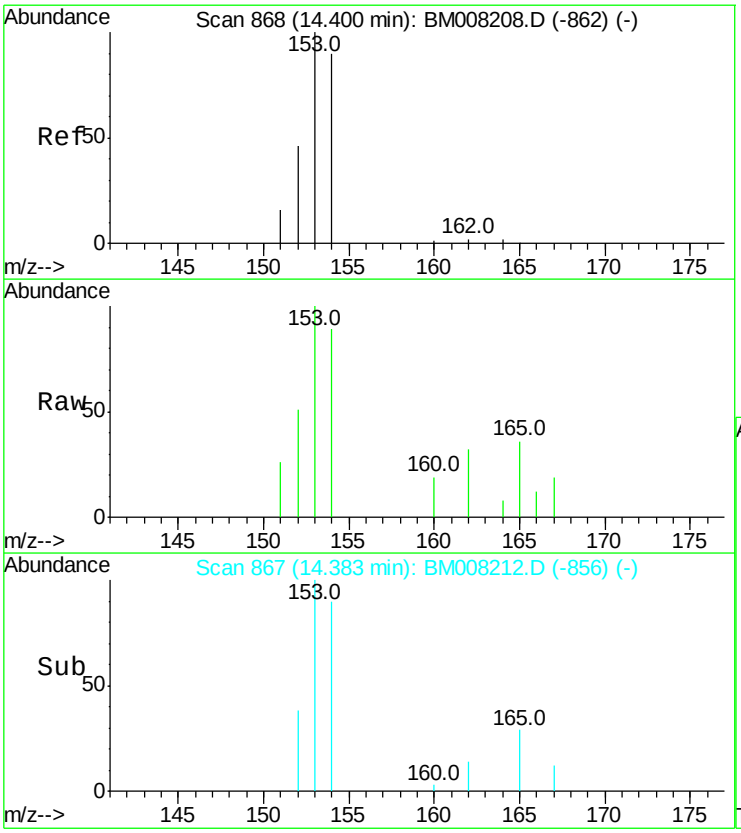
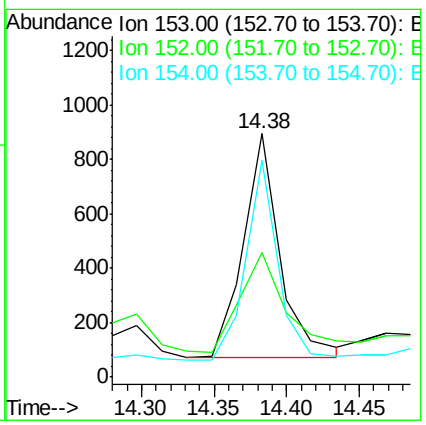
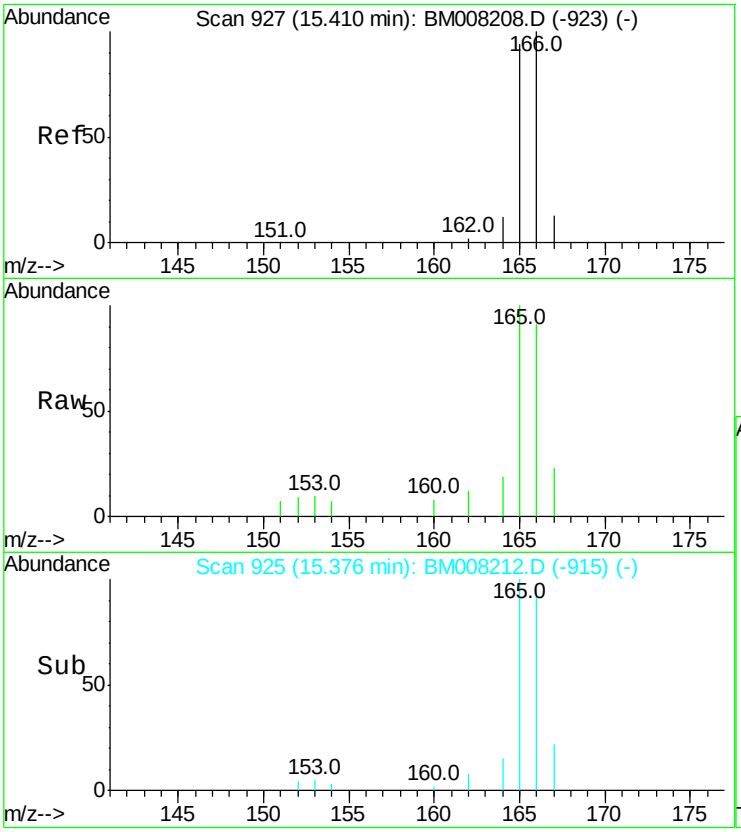


#8
Acenaphthene
Concen: 0.40 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:153 Resp: 1442

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.3	60.5
154	89.3	71.4	107.2

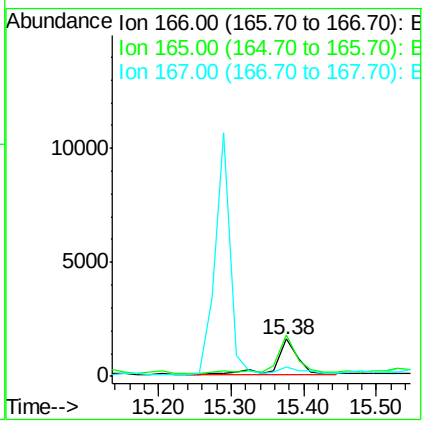




#9
Fluorene
Concen: 0.77 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:166 Resp: 3160

Ion	Ratio	Lower	Upper
166	100		
165	110.3	73.4	110.2#
167	25.9	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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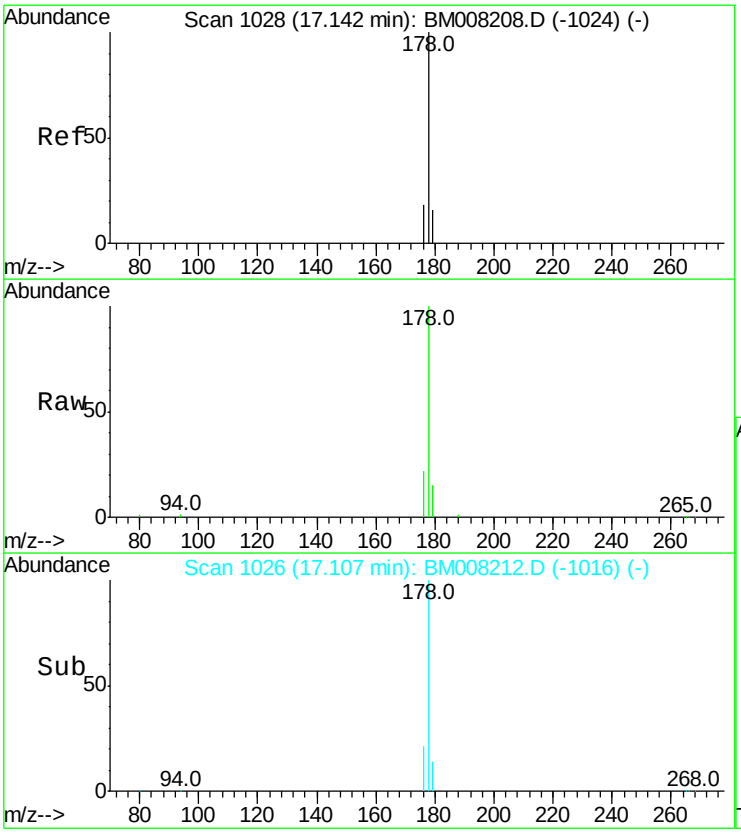
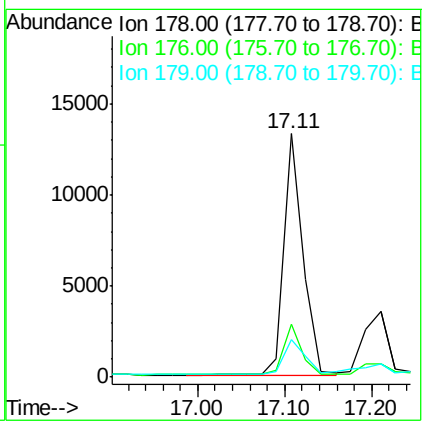
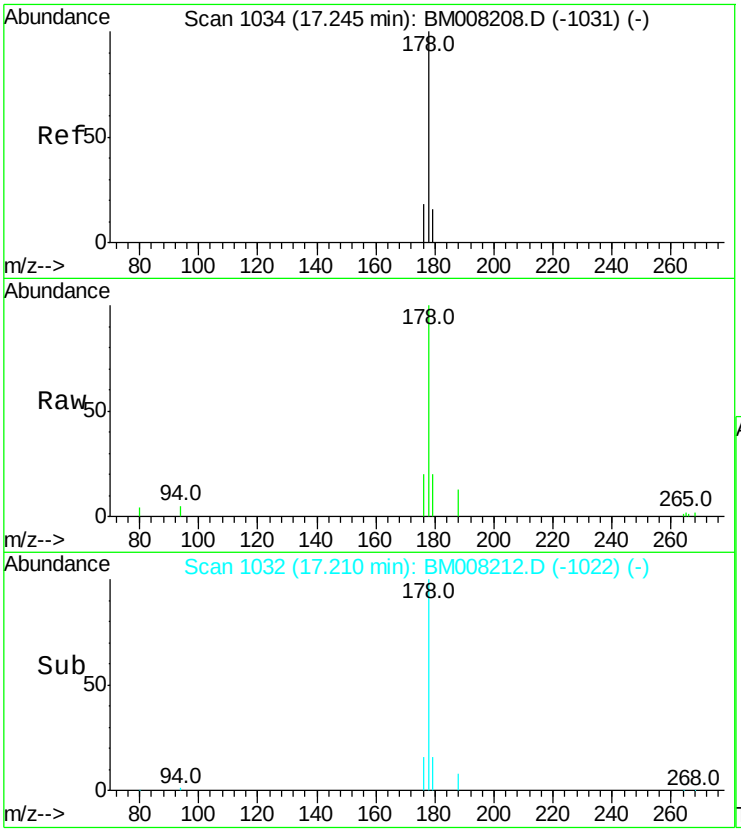


#12
Phenanthrene
Concen: 3.67 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:178 Resp: 20400

Ion	Ratio	Lower	Upper
178	100		
176	21.6	18.4	27.6
179	15.2	13.6	20.4





#13
Anthracene
Concen: 1.21 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:178 Resp: 6312

Ion	Ratio	Lower	Upper
178	100		
176	20.4	18.1	27.1
179	20.2	14.7	22.1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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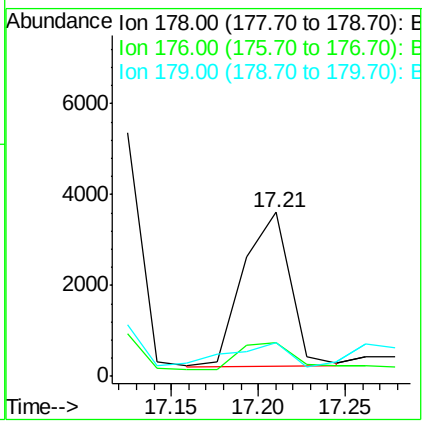
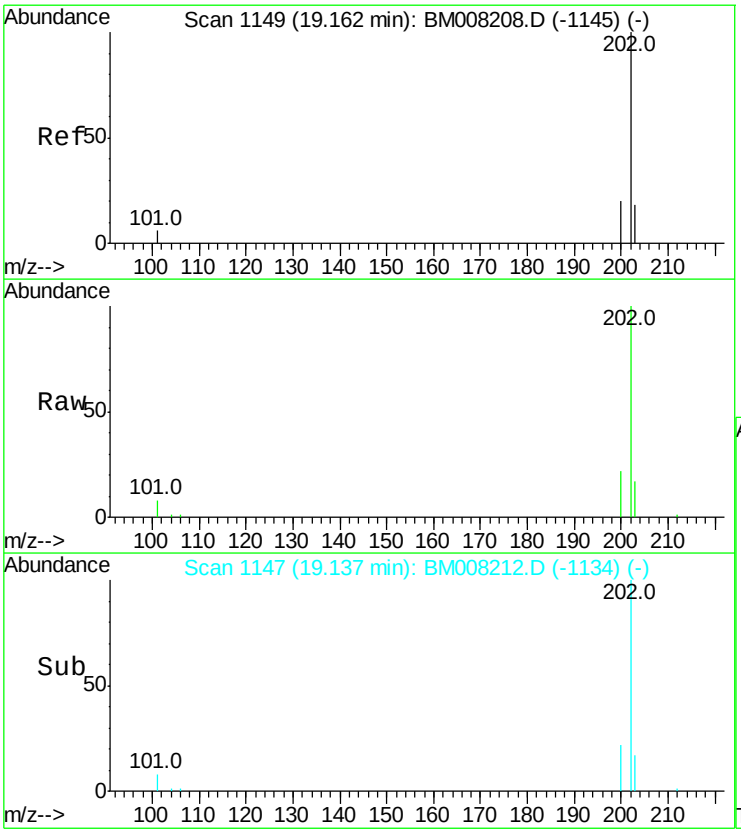
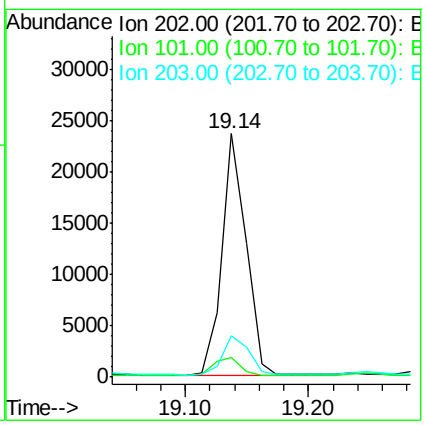


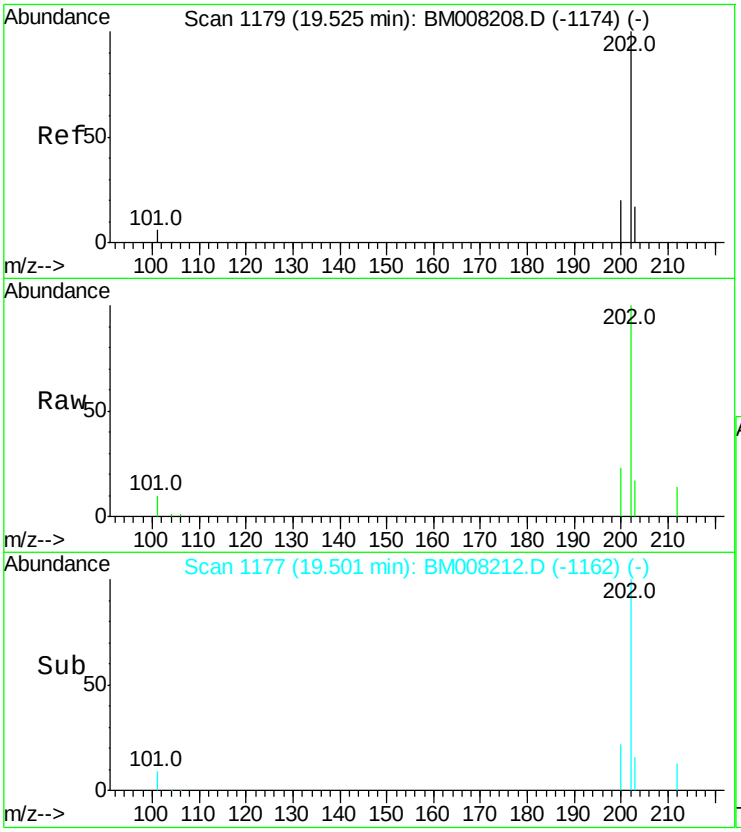


#15
Fluoranthene
Concen: 4.54 ng/ul
RT: 19.14 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:202 Resp: 32535

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.3
203	17.1	0.0	39.5

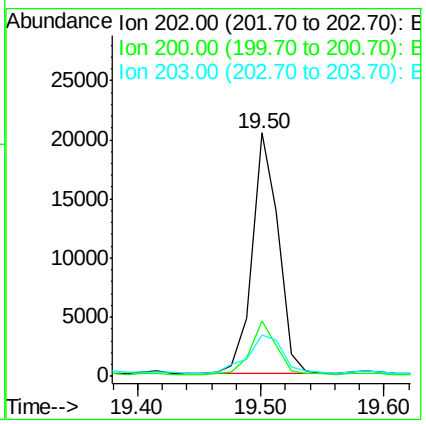




#17
Pyrene
Concen: 4.64 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:202 Resp: 30152

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.4
203	17.2	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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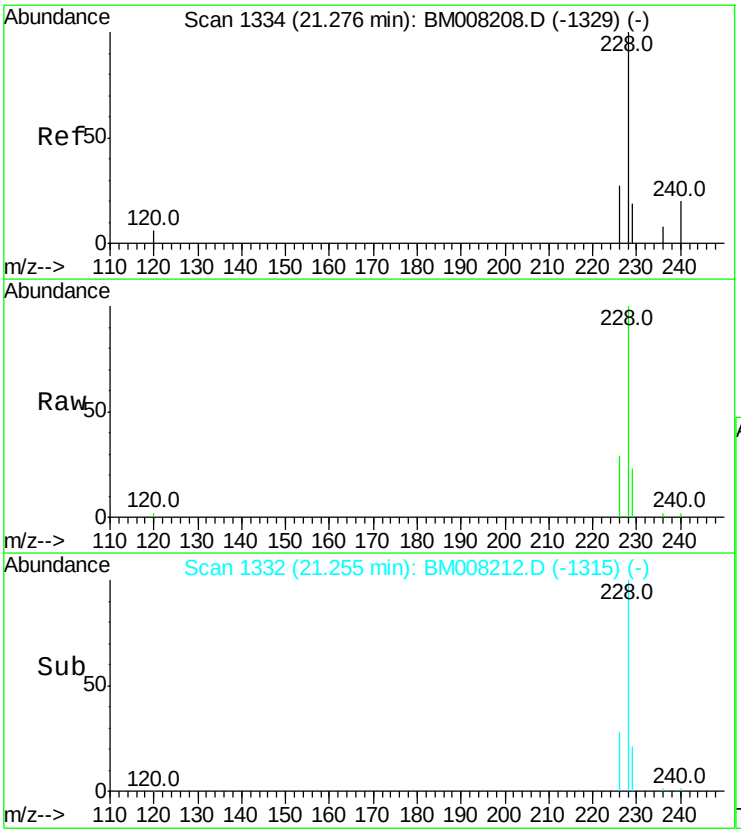
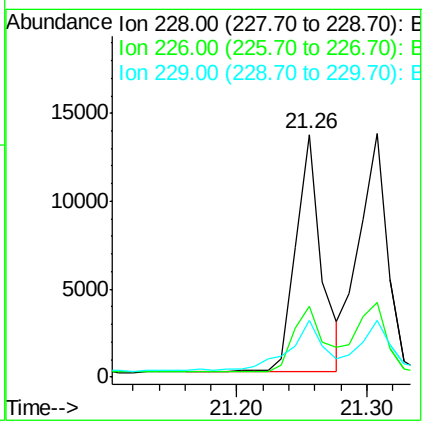
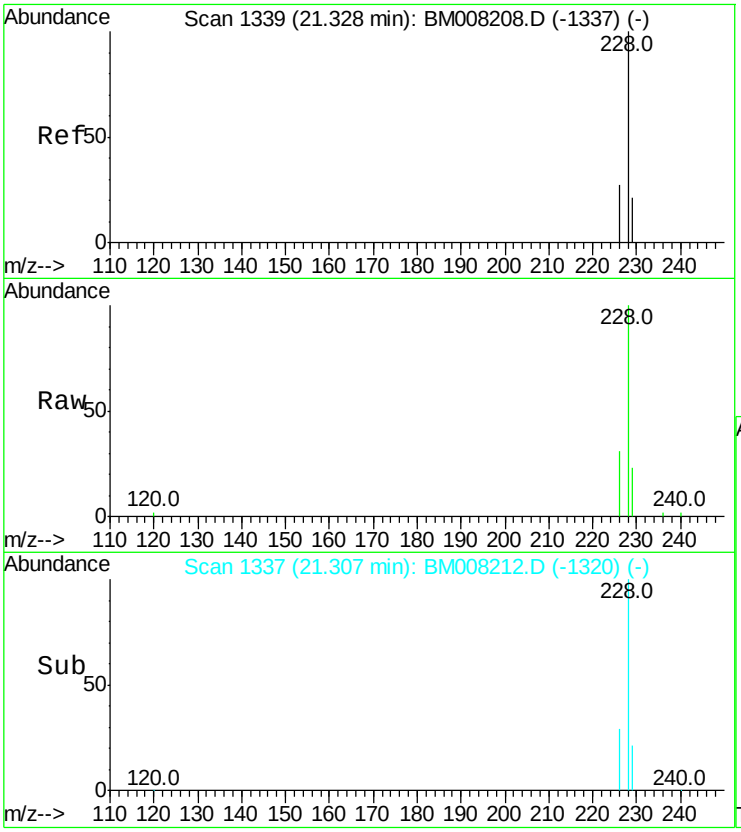


#18
Benzo(a)anthracene
Concen: 3.25 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:228 Resp: 18628

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.8	34.2
229	23.3	17.0	25.6

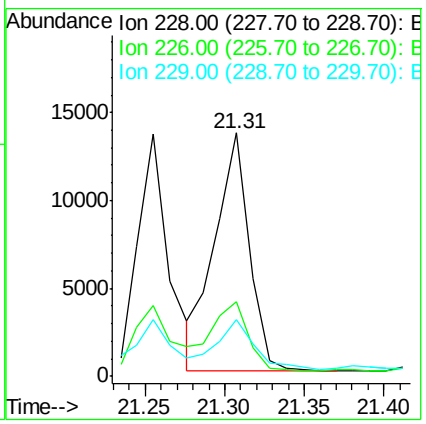




#19
Chrysene
Concen: 2.86 ng/ul
RT: 21.31 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:228 Resp: 20403

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	23.4	17.7	26.5



Instrument :
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ClientSampleId :
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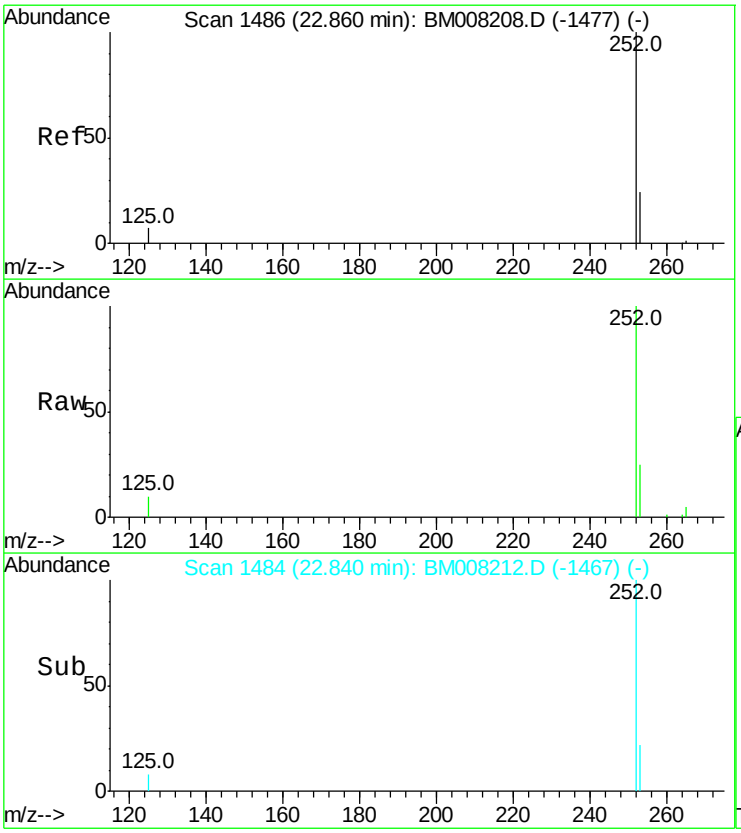
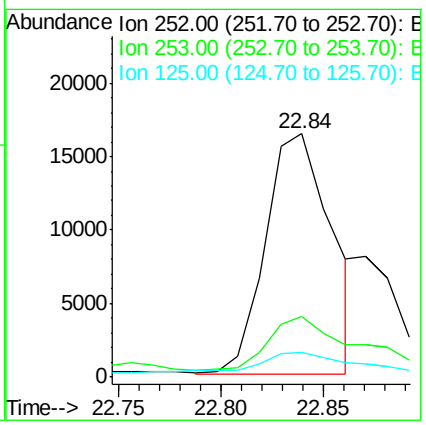
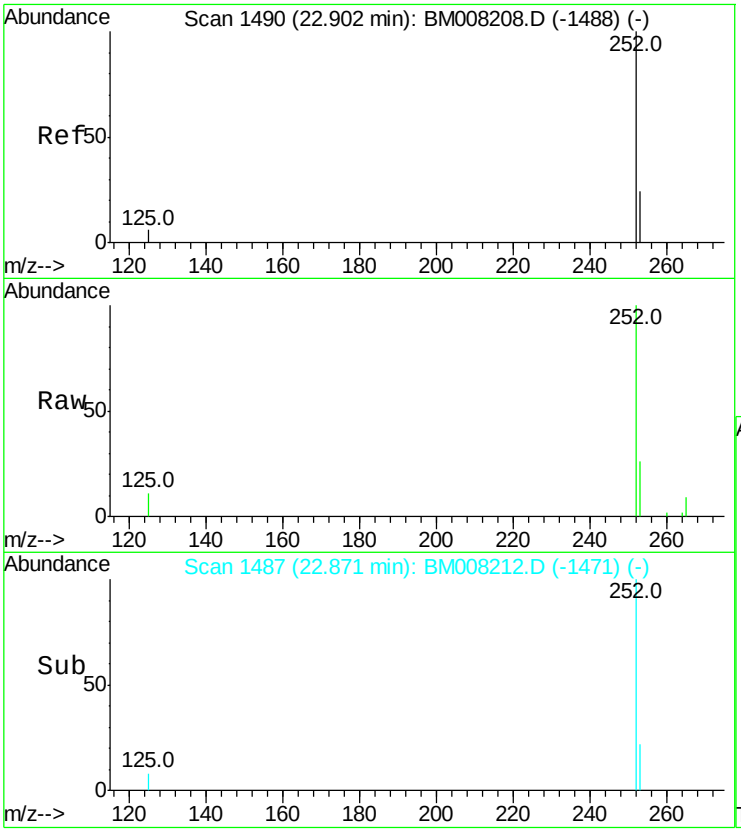


#21
Benzo(b)fluoranthene
Concen: 5.30 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:252 Resp: 36608

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	10.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.57 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:252 Resp: 11203

Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.5	36.7
125	11.2	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
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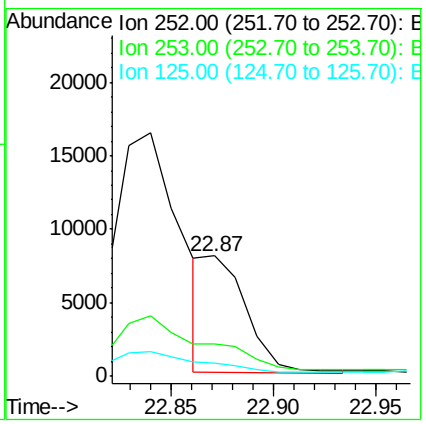
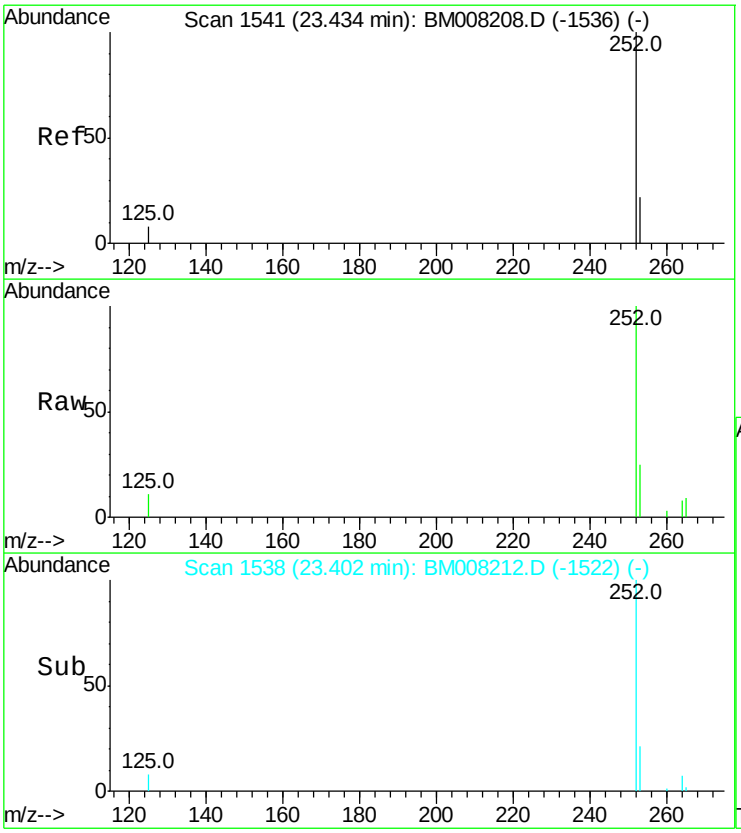
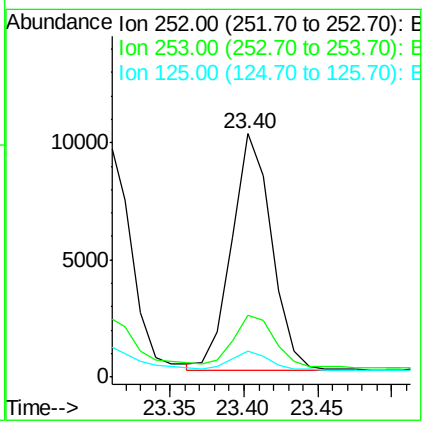


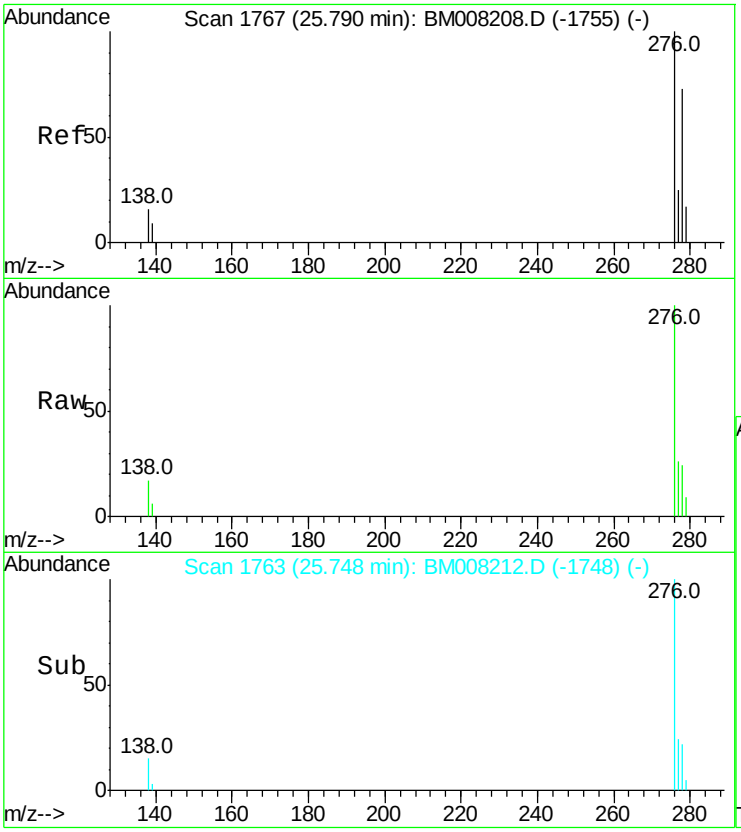


#23
Benzo(a)pyrene
Concen: 2.96 ng/ul m
RT: 23.40 min Scan# 1538
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:252 Resp: 19192

Ion	Ratio	Lower	Upper
252	100		
253	25.2	28.5	42.7#
125	10.6	18.1	27.1#





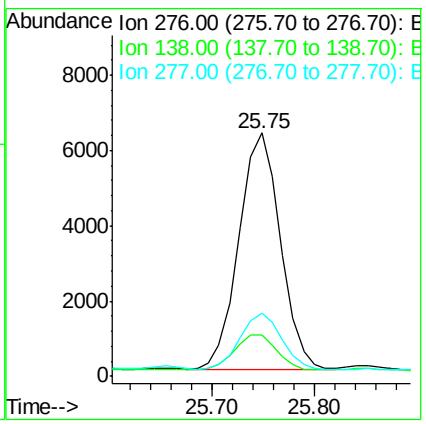
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng/ul
RT: 25.75 min Scan# 1763
Delta R.T. -0.04 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

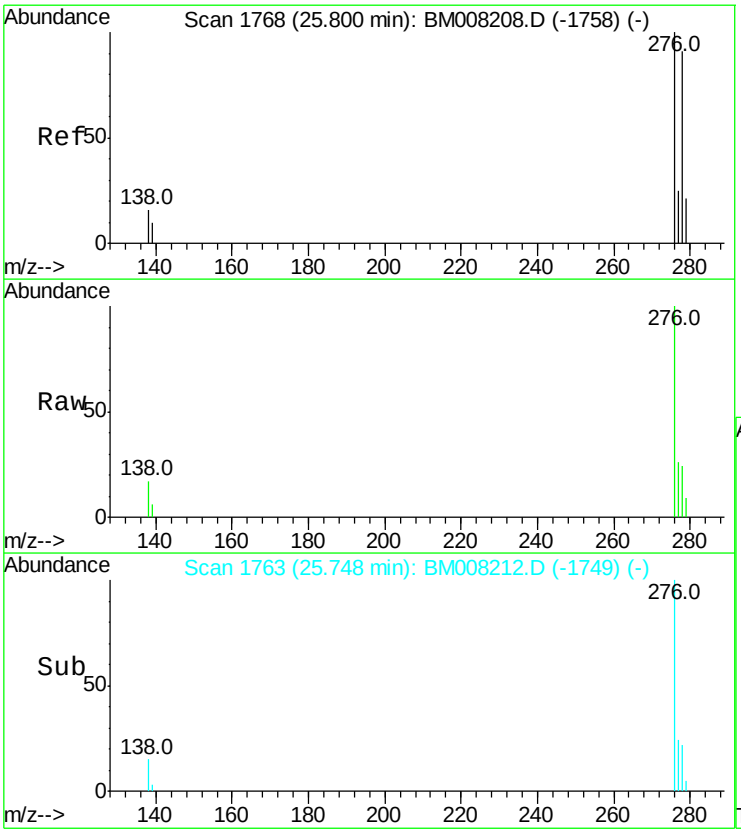
Tgt Ion:276 Resp: 17844

Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.1	28.7#
277	23.8	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:26 PM

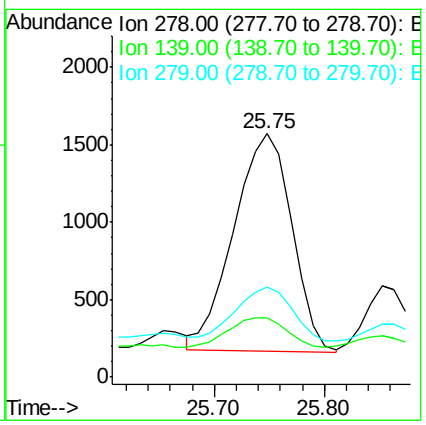


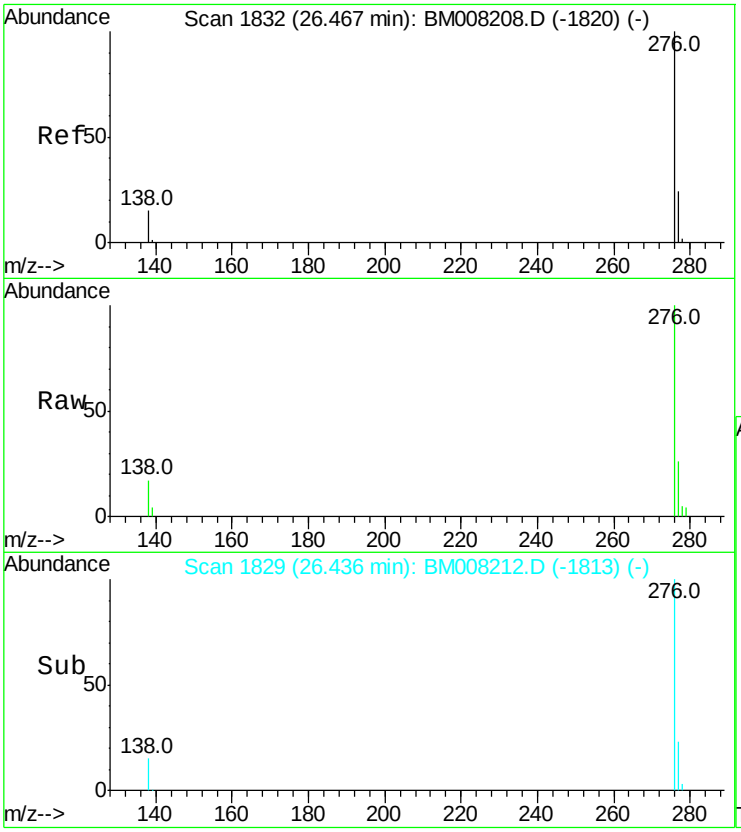


#25
Dibenzo(a,h)anthracene
Concen: 0.80 ng/ul
RT: 25.75 min Scan# 1763
Delta R.T. -0.05 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:278 Resp: 5136

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.4	26.0
279	37.0	25.9	38.9

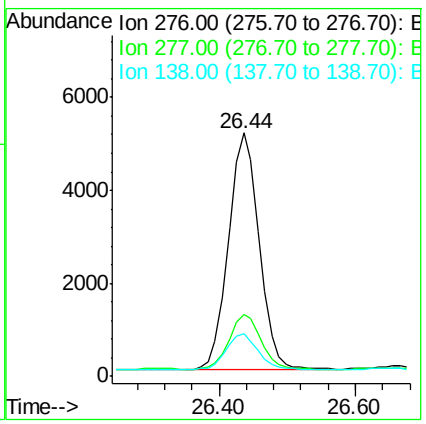




#26
Benzo(g,h,i)perylene
Concen: 2.24 ng/ul
RT: 26.44 min Scan# 1829
Delta R.T. -0.03 min
Lab File: BM008212.D
Acq: 09 Dec 2016 19:16

Tgt Ion:276 Resp: 15931

Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.8	32.8
138	17.5	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:26 PM