Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008054.D
Acq On : 24 Nov 2016 03:12
Operator : UM/SJ
Sample : H5694-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM

Quant Time: Nov 24 04:40:17 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	735	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2469	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2977m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2970	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2955	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	520	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1290	0.15	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1253	0.18	ng/ul#	92
5) 2-Methylnaphthalene	12.16	142	593	0.13	ng/ul	98
7) Acenaphthylene	14.06	152	814	0.12	ng/ul#	85
8) Acenaphthene	14.40	153	570	0.11	ng/ul	94
9) Fluorene	15.39	166	437	0.08	ng/ul#	71
12) Phenanthrene	17.12	178	10196	1.10	ng/ul	97
13) Anthracene	17.23	178	2850	0.33	ng/ul#	94
15) Fluoranthene	19.16	202	22369	1.87	ng/ul	94
17) Pyrene	19.52	202	25612	2.48	ng/ul	97
18) Benzo(a)anthracene	21.27	228	13081	1.43	ng/ul#	92
19) Chrysene	21.32	228	20288m	1.79	ng/ul	
21) Benzo(b)fluoranthene	22.86	252	26030m	2.21	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	9956m	0.82	ng/ul	
23) Benzo(a)pyrene	23.43	252	18654	1.69	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.78	276	15270	1.12	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.79	278	4321	0.39	ng/ul#	56
26) Benzo(g,h,i)perylene	26.47	276	16231	1.34	ng/ul	97

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

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BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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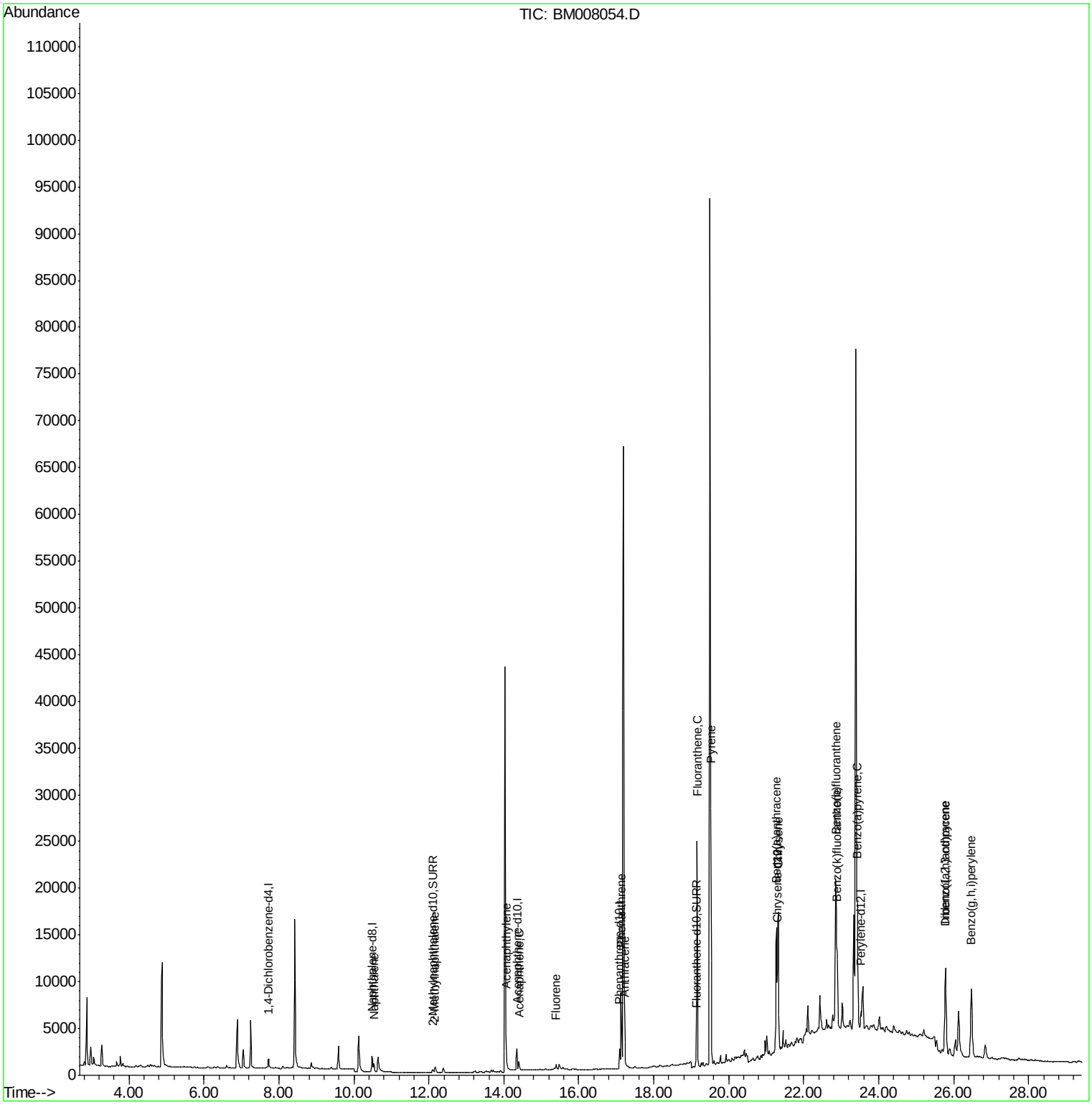
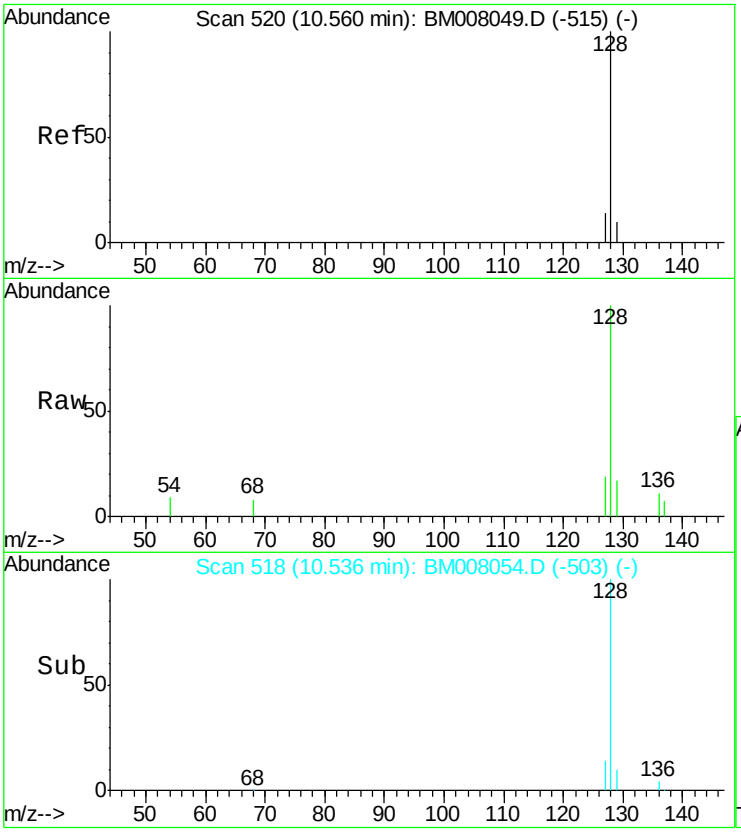
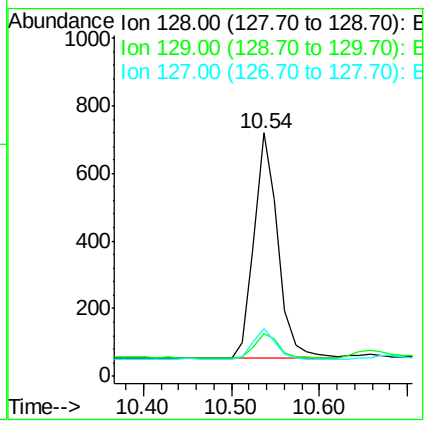




#3
Naphthalene
Concen: 0.18 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:128 Resp: 1253

Ion	Ratio	Lower	Upper
128	100		
129	17.2	11.3	16.9#
127	19.4	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHSS0

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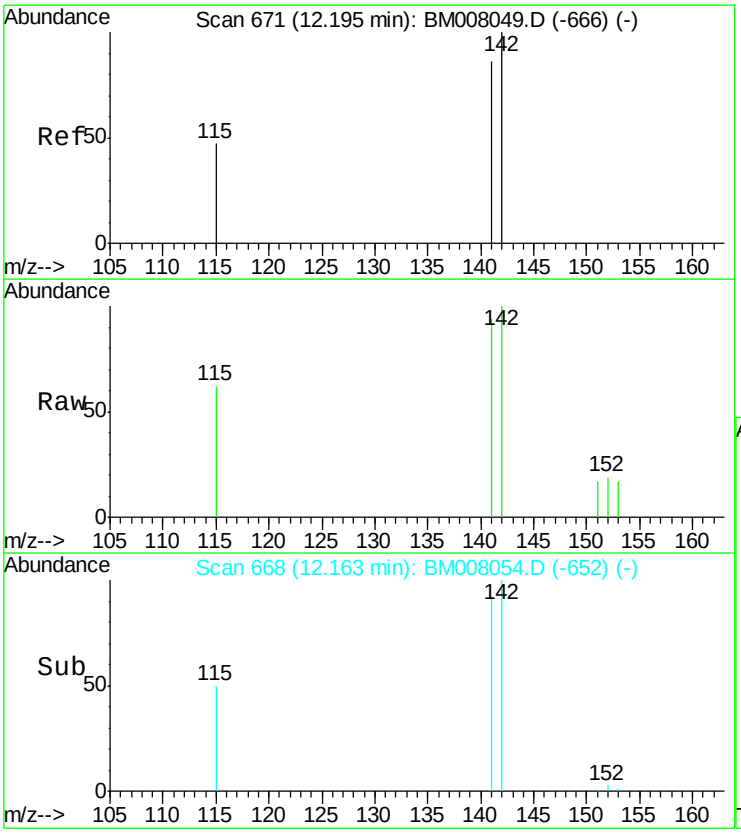
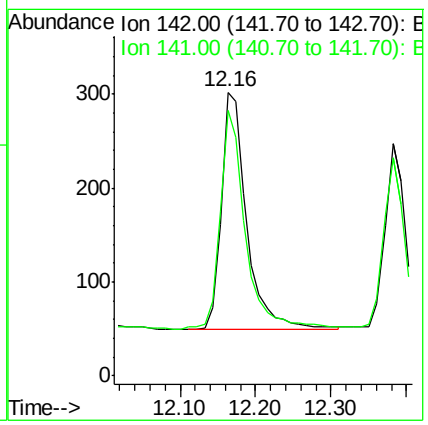
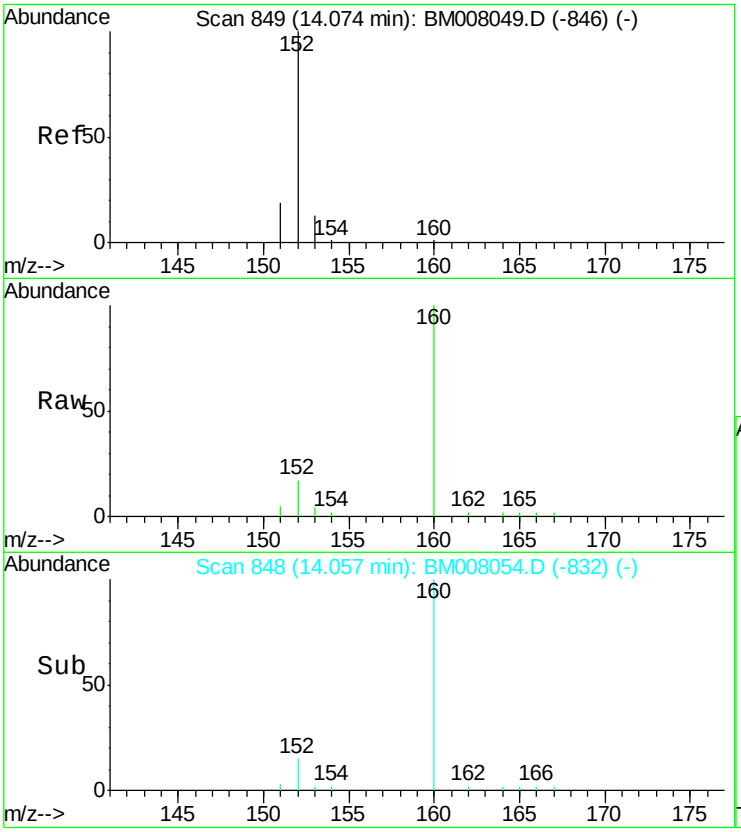


#5
2-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.03 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:142 Resp: 593

Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.6	108.8

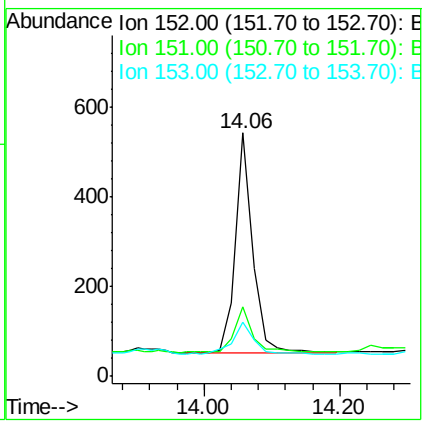




#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:152 Resp: 814

Ion	Ratio	Lower	Upper
152	100		
151	28.7	17.1	25.7#
153	22.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHSS0

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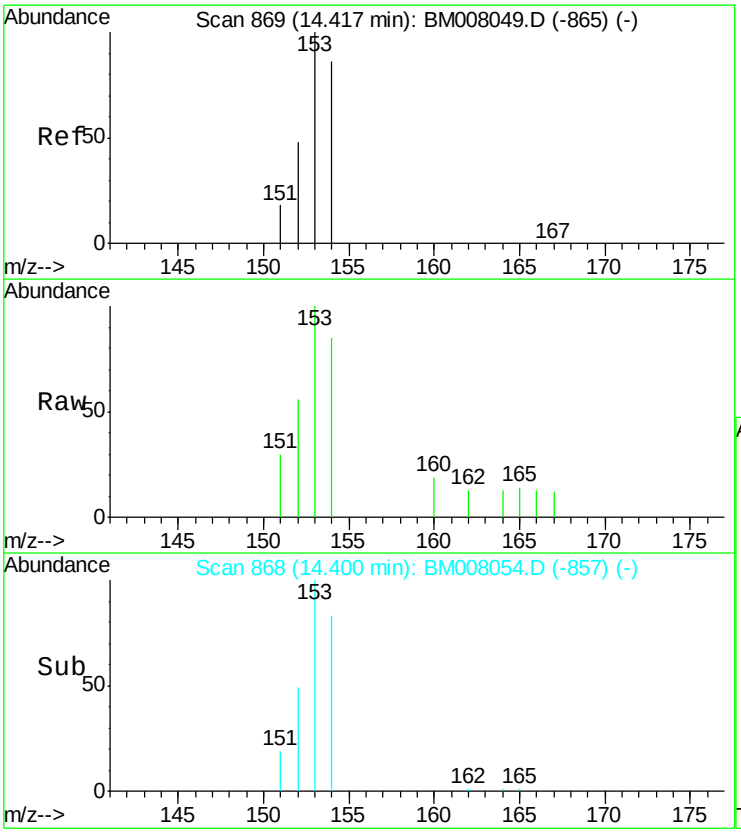
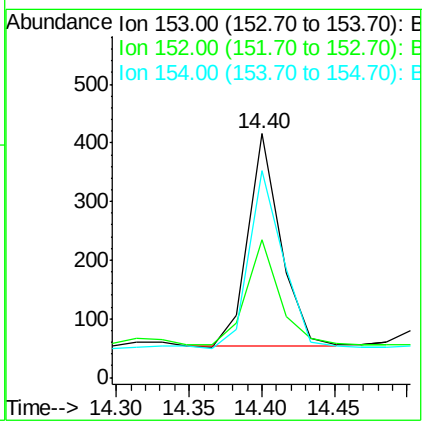
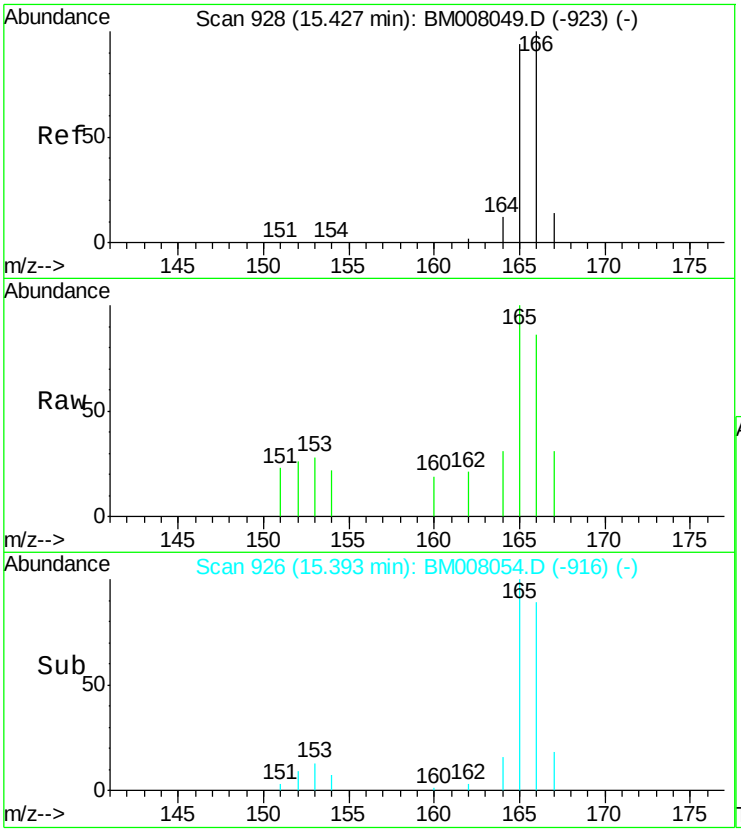


#8
Acenaphthene
Concen: 0.11 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:153 Resp: 570

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.3	60.5
154	84.9	71.4	107.2

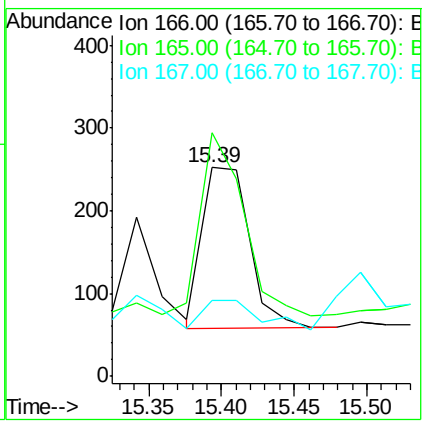




#9
Fluorene
Concen: 0.08 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:166 Resp: 437

Ion	Ratio	Lower	Upper
166	100		
165	116.7	73.4	110.2#
167	36.5	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
JHSS0

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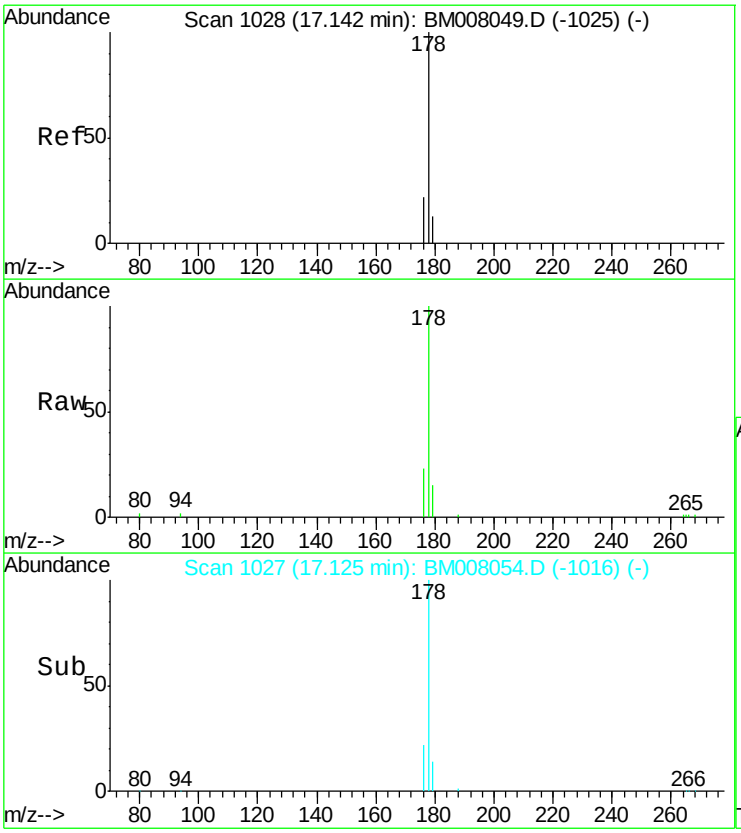
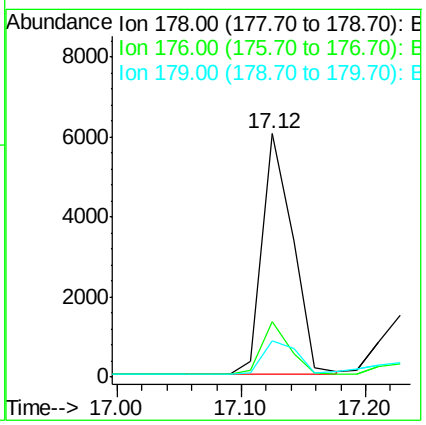
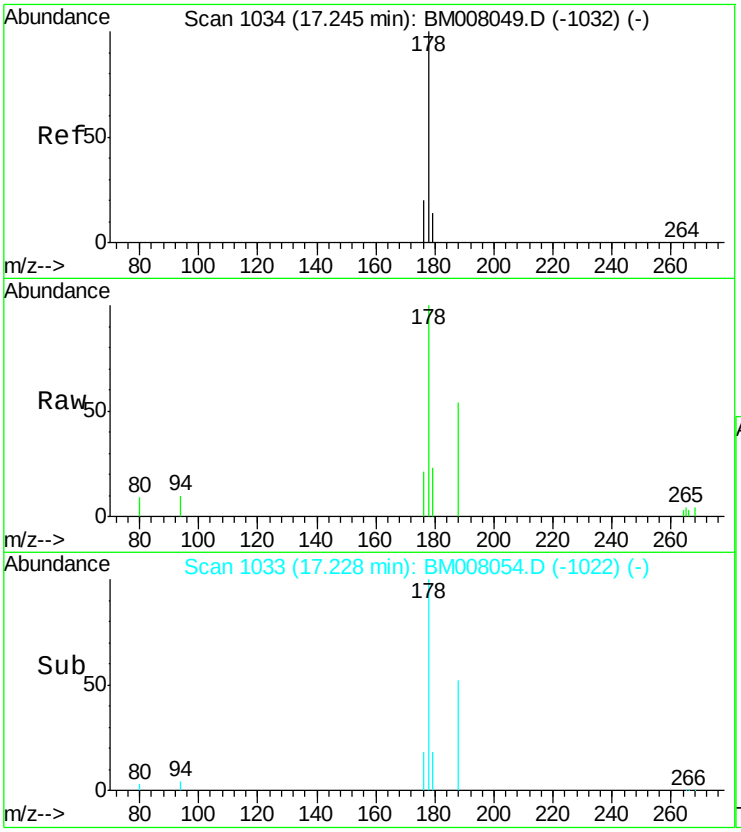


#12
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:178 Resp: 10196

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.4	27.6
179	14.9	13.6	20.4

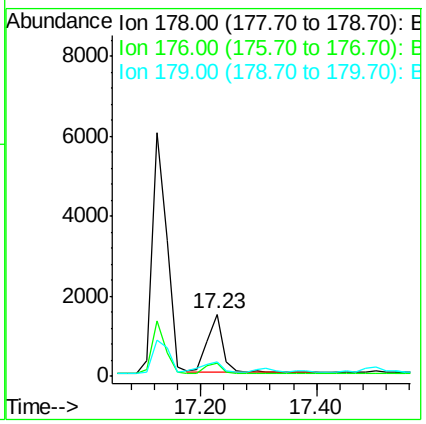




#13
Anthracene
Concen: 0.33 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:178 Resp: 2850

Ion	Ratio	Lower	Upper
178	100		
176	21.2	18.1	27.1
179	22.5	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
JHSS0

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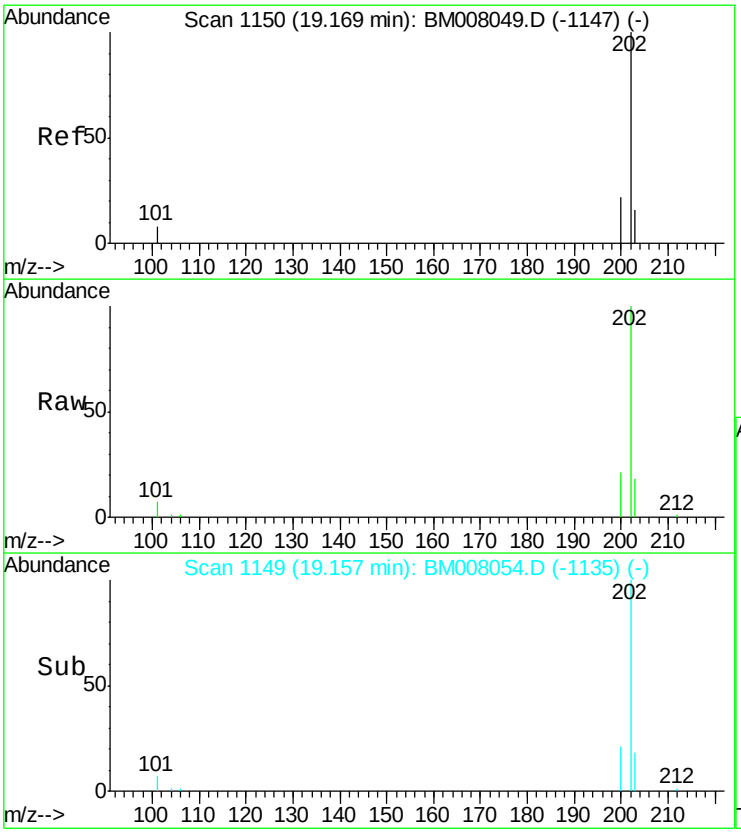
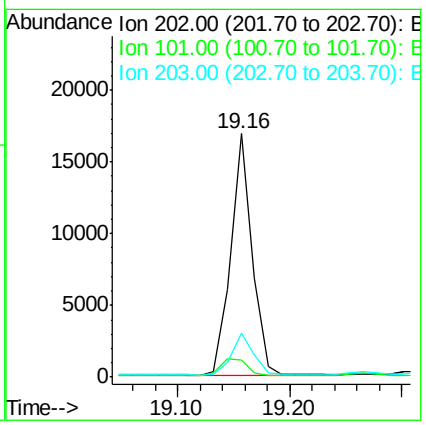
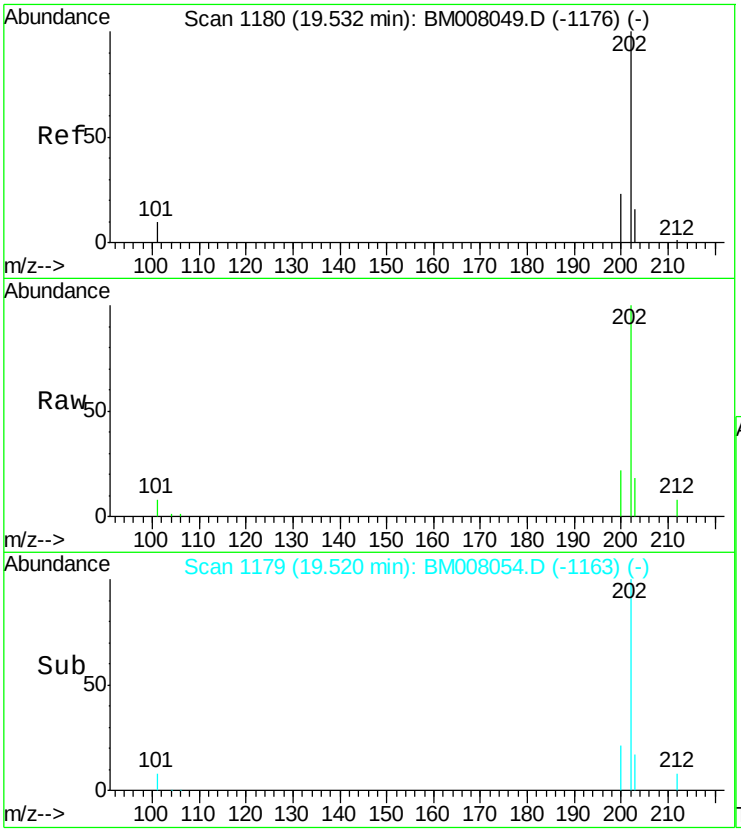


#15
Fluoranthene
Concen: 1.87 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:202 Resp: 22369

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	30.3
203	17.8	0.0	39.5

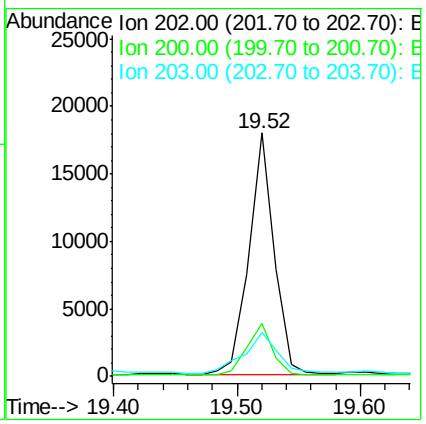




#17
Pyrene
Concen: 2.48 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:202 Resp: 25612

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	18.2	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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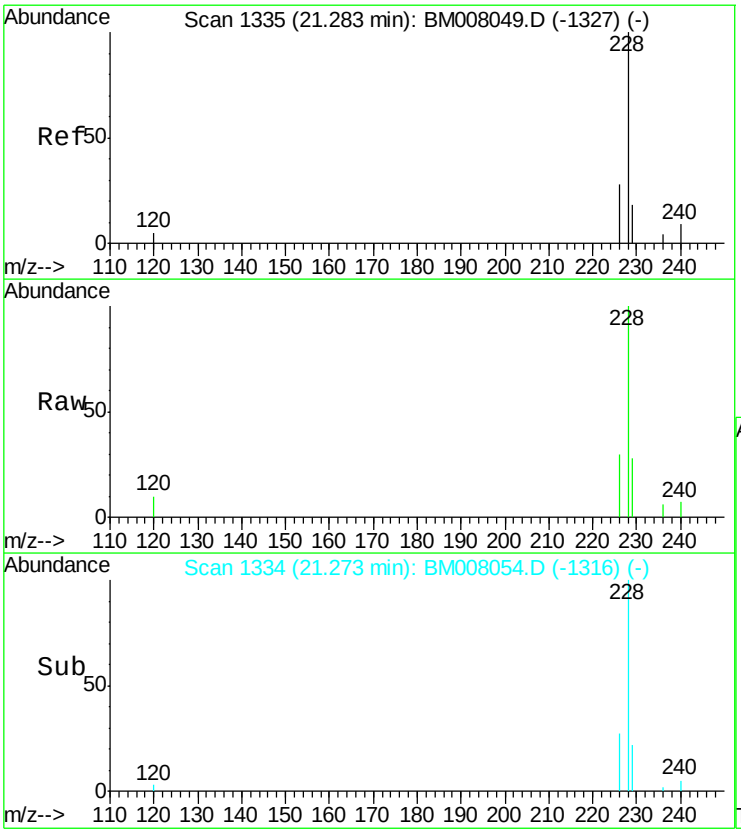
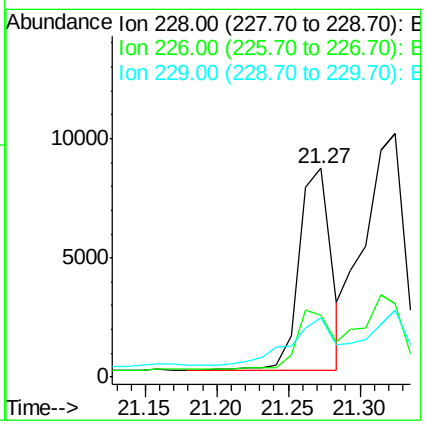
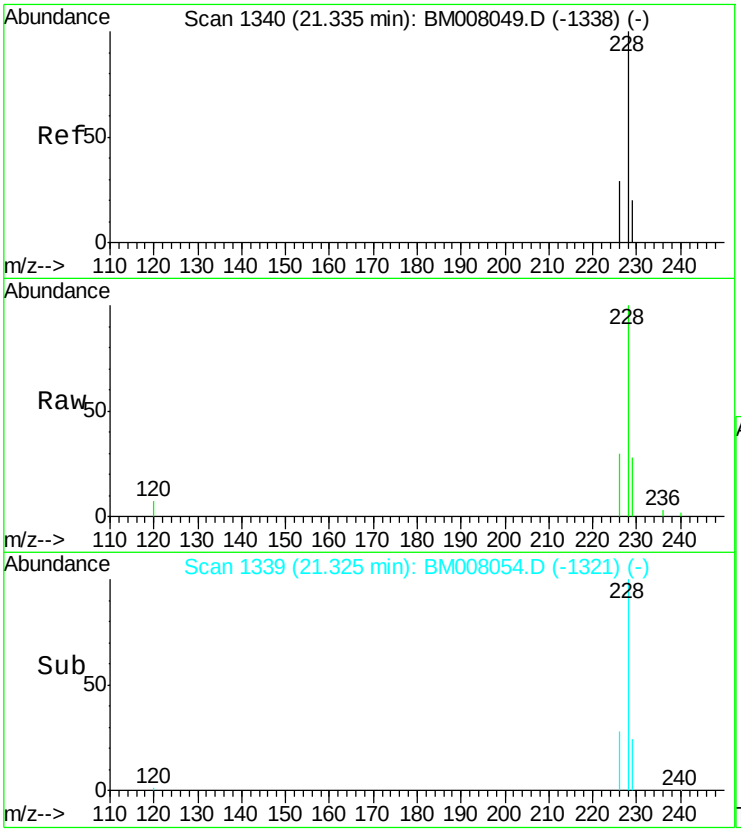


#18
Benzo(a)anthracene
Concen: 1.43 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:228 Resp: 13081

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.8	34.2
229	28.4	17.0	25.6#

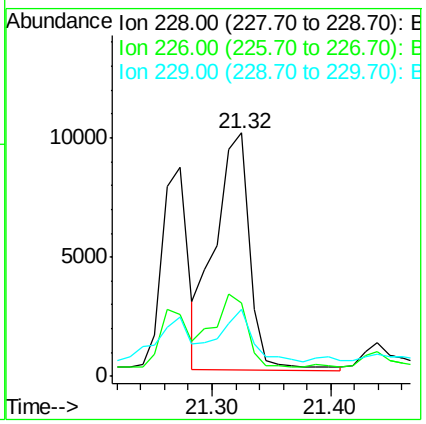




#19
Chrysene
Concen: 1.79 ng/ul m
RT: 21.32 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:228 Resp: 20288

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	27.7	17.7	26.5#



Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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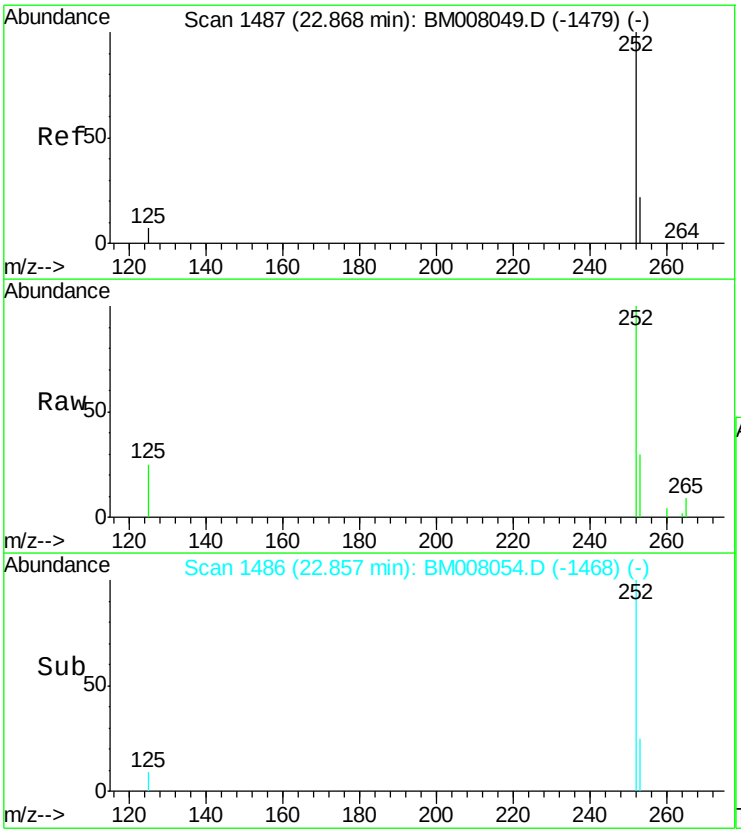
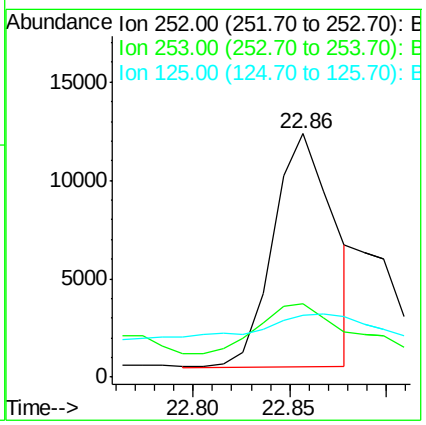
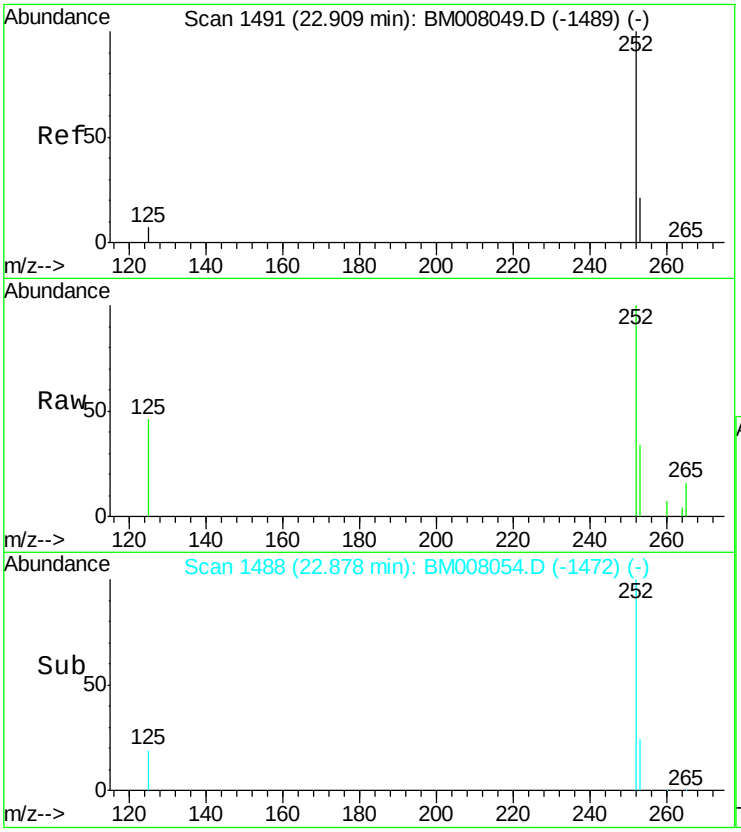


#21
Benzo(b)fluoranthene
Concen: 2.21 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:252 Resp: 26030

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	64.2
125	25.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.82 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:252 Resp: 9956

Ion	Ratio	Lower	Upper
252	100		
253	34.3	24.5	36.7
125	45.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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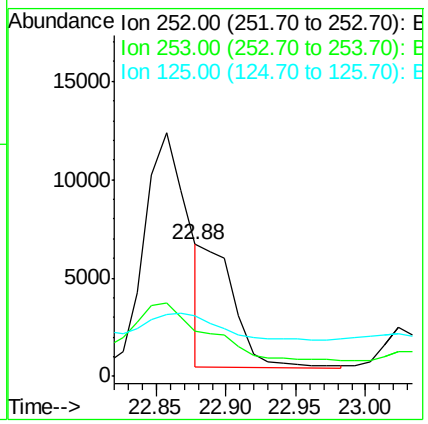
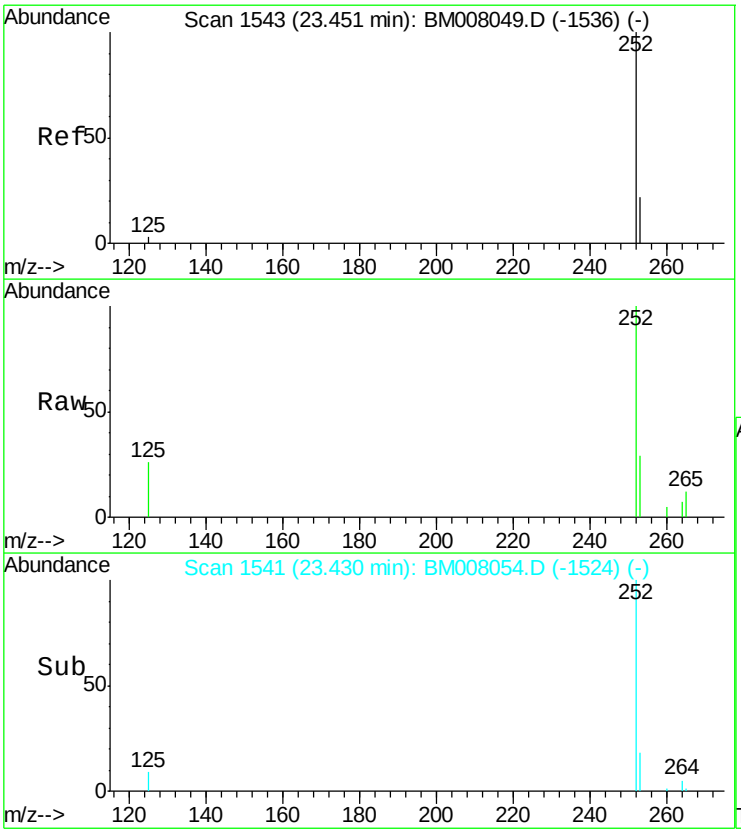
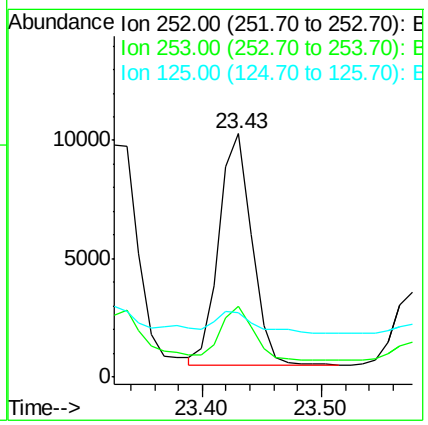


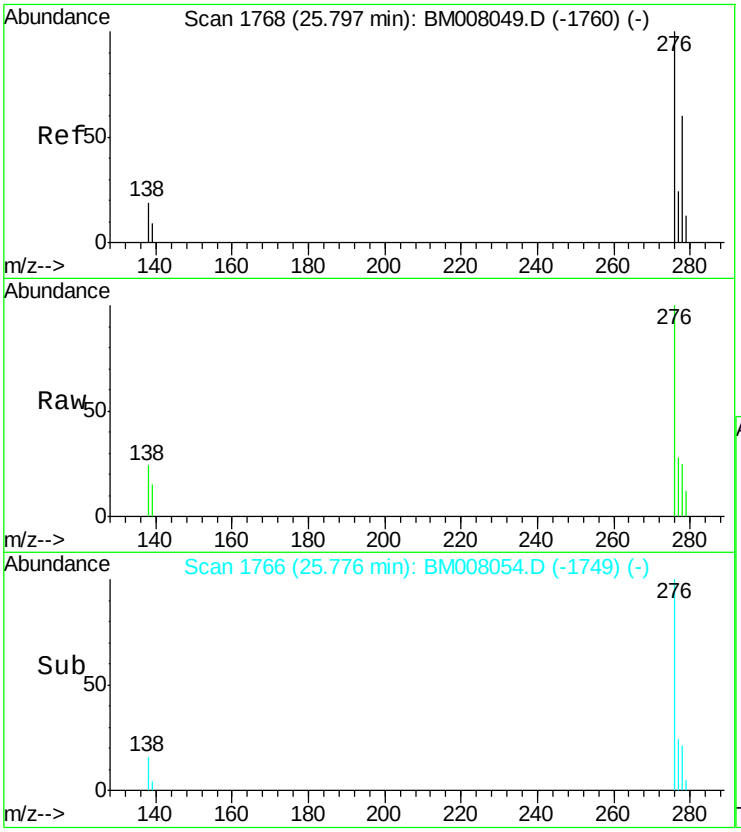


#23
Benzo(a)pyrene
Concen: 1.69 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:252 Resp: 18654

Ion	Ratio	Lower	Upper
252	100		
253	28.8	28.5	42.7
125	26.3	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.12 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:276 Resp: 15270

Ion	Ratio	Lower	Upper
276	100		
138	17.6	19.1	28.7#
277	24.2	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
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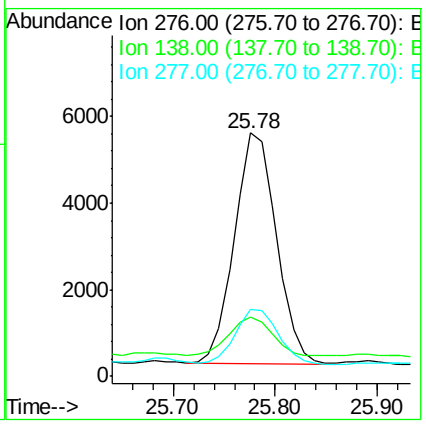
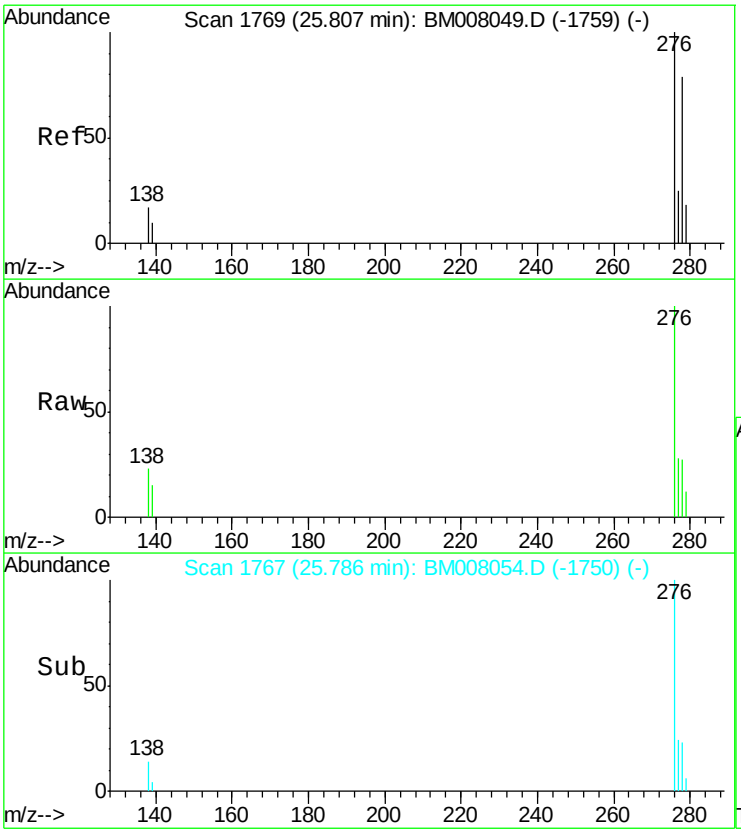
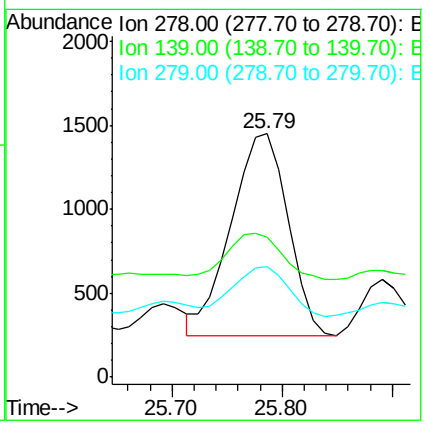


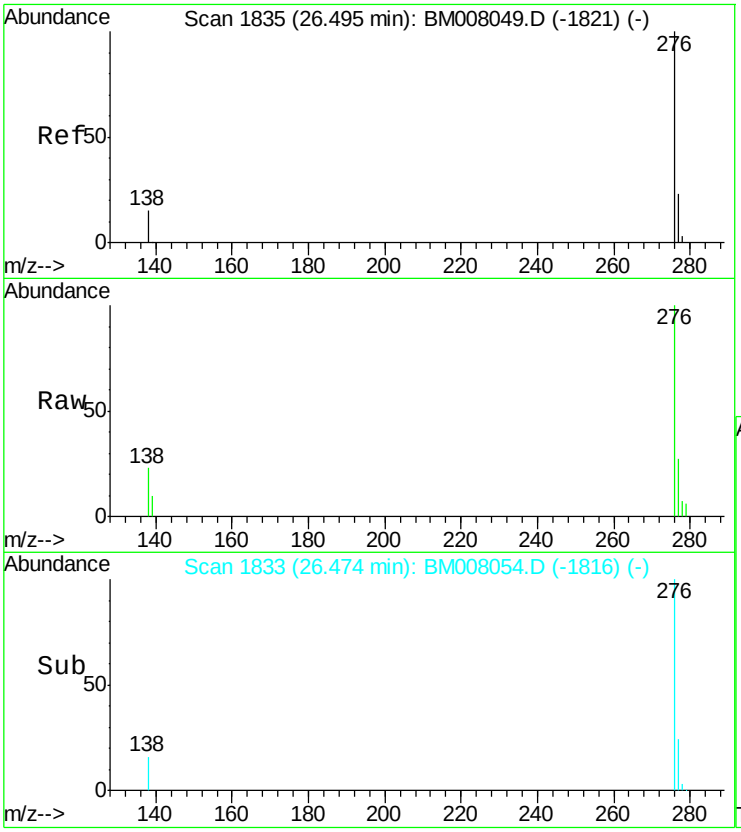


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:278 Resp: 4321

Ion	Ratio	Lower	Upper
278	100		
139	57.5	17.4	26.0#
279	45.5	25.9	38.9#

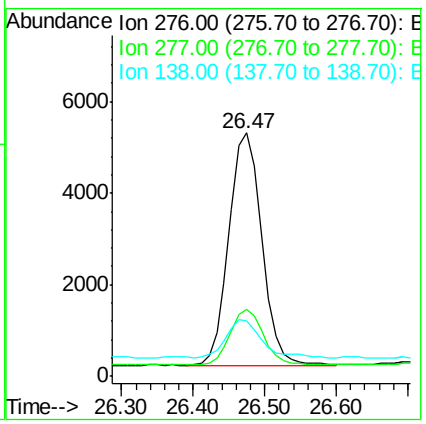




#26
Benzo(g,h,i)perylene
Concen: 1.34 ng/ul
RT: 26.47 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM008054.D
Acq: 24 Nov 2016 03:12

Tgt Ion:276 Resp: 16231

Ion	Ratio	Lower	Upper
276	100		
277	27.4	21.8	32.8
138	22.8	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
JHSS0

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:27 PM