Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008057.D
Acq On : 24 Nov 2016 04:59
Operator : UM/SJ
Sample : H5694-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSS7

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

Quant Time: Nov 24 06:24:15 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	7.71	152	714	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2489	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1518	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3054m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2769	0.40	ng/ul	-0.02
20) Perylene-d12	23.53	264	2817	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	525	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1167	0.13	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.54	128	826	0.12	ng/ul#	86
5) 2-Methylnaphthalene	12.17	142	267	0.06	ng/ul	99
7) Acenaphthylene	14.06	152	1666	0.24	ng/ul	97
9) Fluorene	15.41	166	243	0.04	ng/ul#	84
12) Phenanthrene	17.12	178	8414	0.88	ng/ul	96
13) Anthracene	17.23	178	1402	0.16	ng/ul#	91
15) Fluoranthene	19.16	202	25864m	2.11	ng/ul	
17) Pyrene	19.52	202	28419	2.96	ng/ul	95
18) Benzo(a)anthracene	21.27	228	13735	1.62	ng/ul	96
19) Chrysene	21.32	228	17241	1.63	ng/ul	94
21) Benzo(b)fluoranthene	22.85	252	20599m	1.83	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	6020m	0.52	ng/ul	
23) Benzo(a)pyrene	23.42	252	15754	1.50	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.77	276	10454	0.80	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.78	278	2353	0.23	ng/ul#	81
26) Benzo(g,h,i)perylene	26.46	276	9067	0.78	ng/ul#	93

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

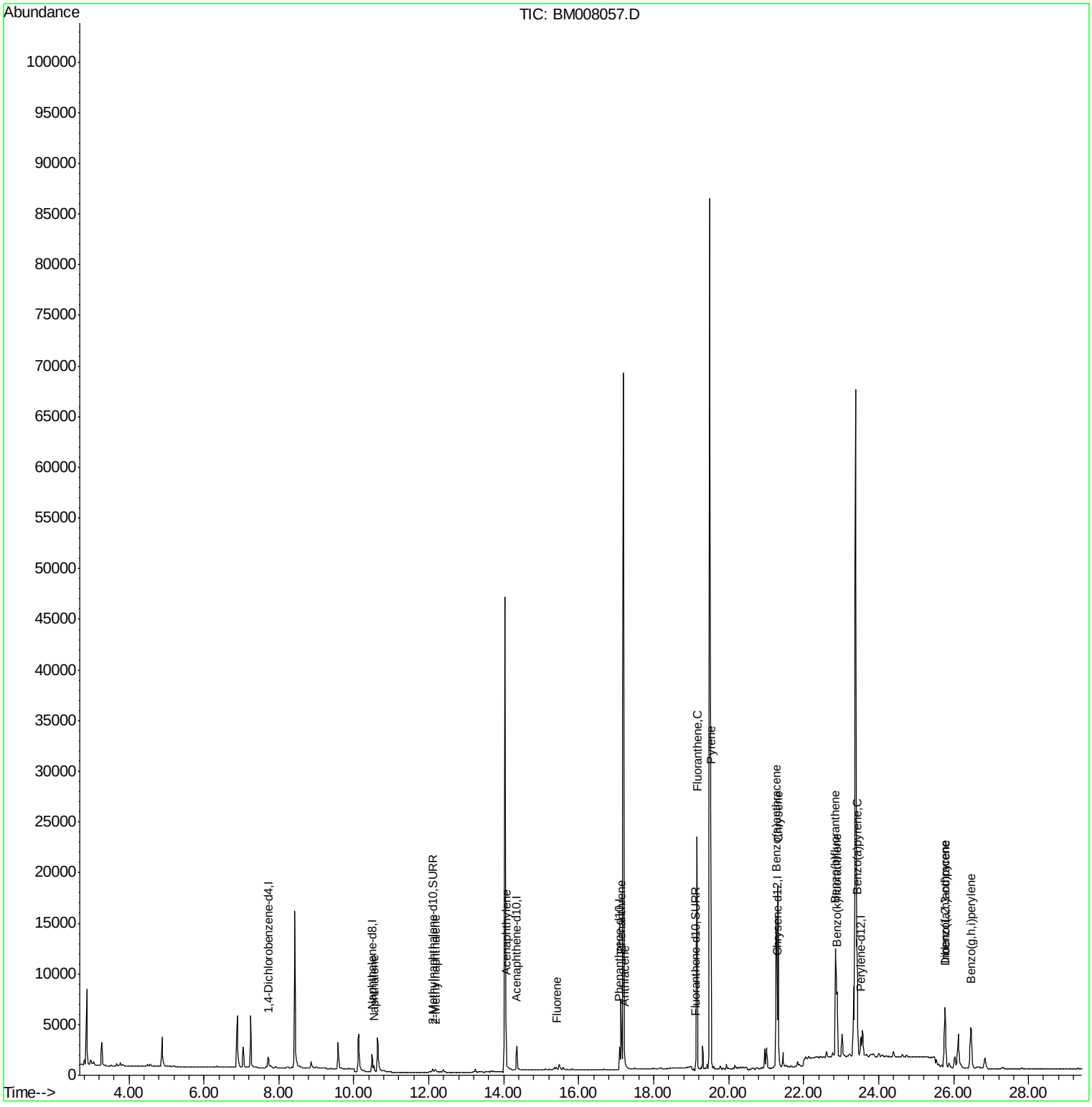
Quantitation Report (QT Reviewed)

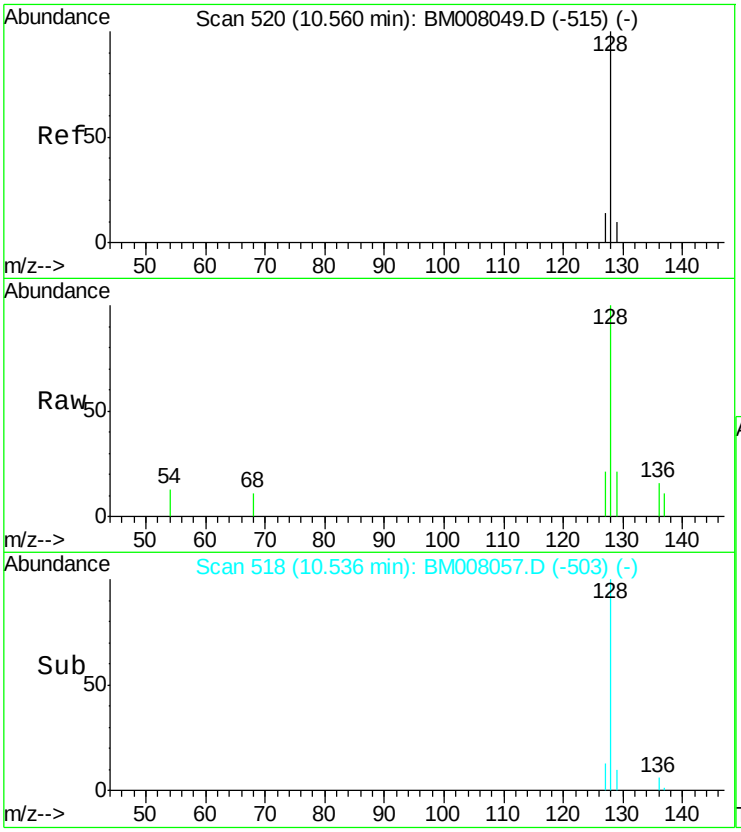
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008057.D
Acq On : 24 Nov 2016 04:59
Operator : UM/SJ
Sample : H5694-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 24 06:24:15 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

Instrument :
BNA_M
ClientSampleId :
JHSS7

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

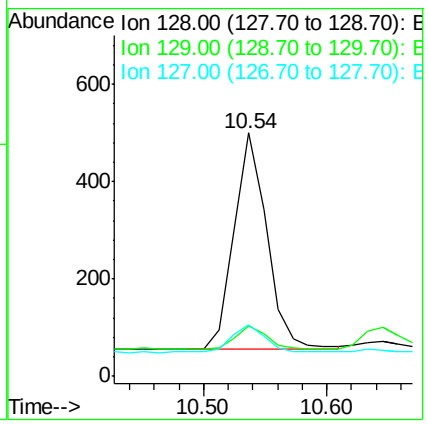




#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

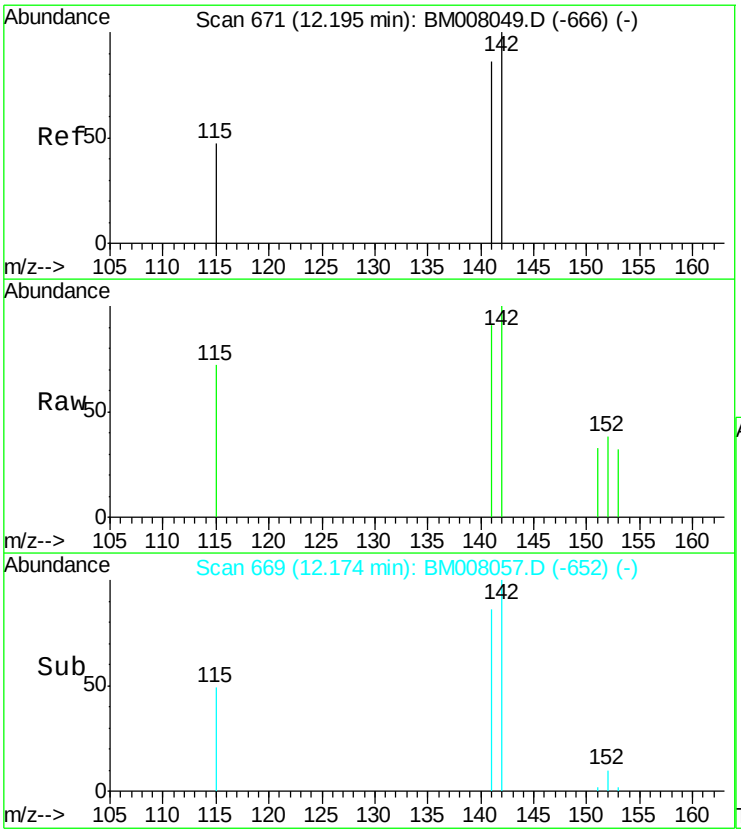
Tgt Ion:128 Resp: 826

Ion	Ratio	Lower	Upper
128	100		
129	20.6	11.3	16.9#
127	21.2	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHSS7

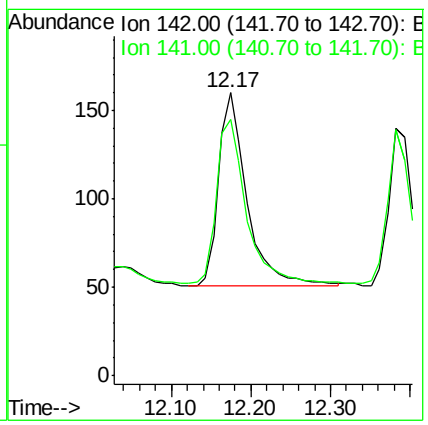
Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

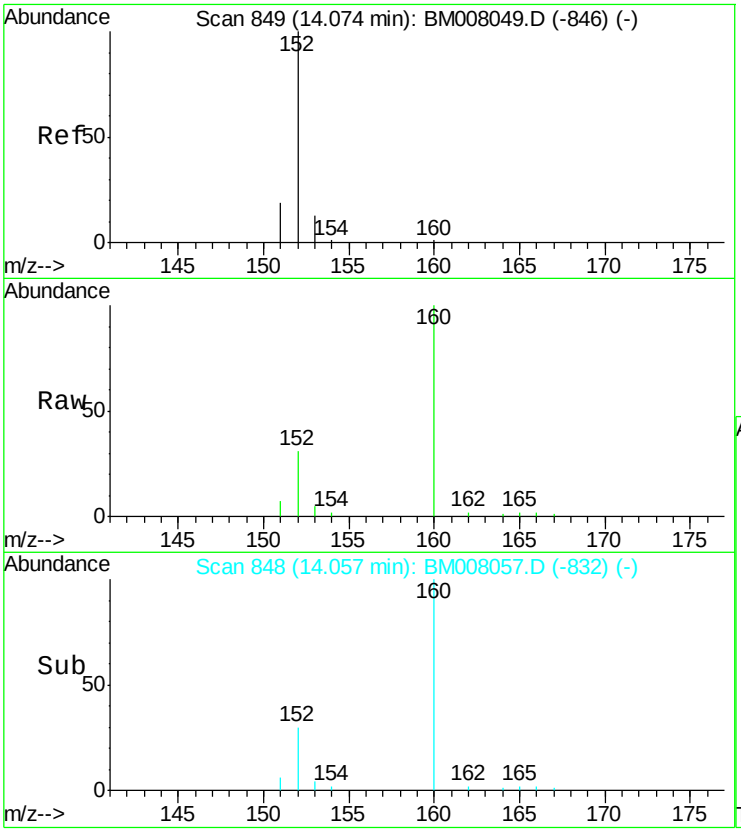


#5
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:142 Resp: 267

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8

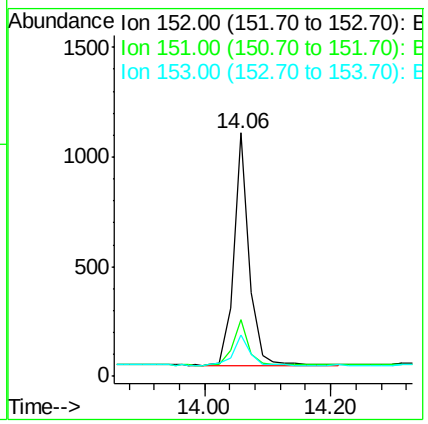




#7
Acenaphthylene
Concen: 0.24 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

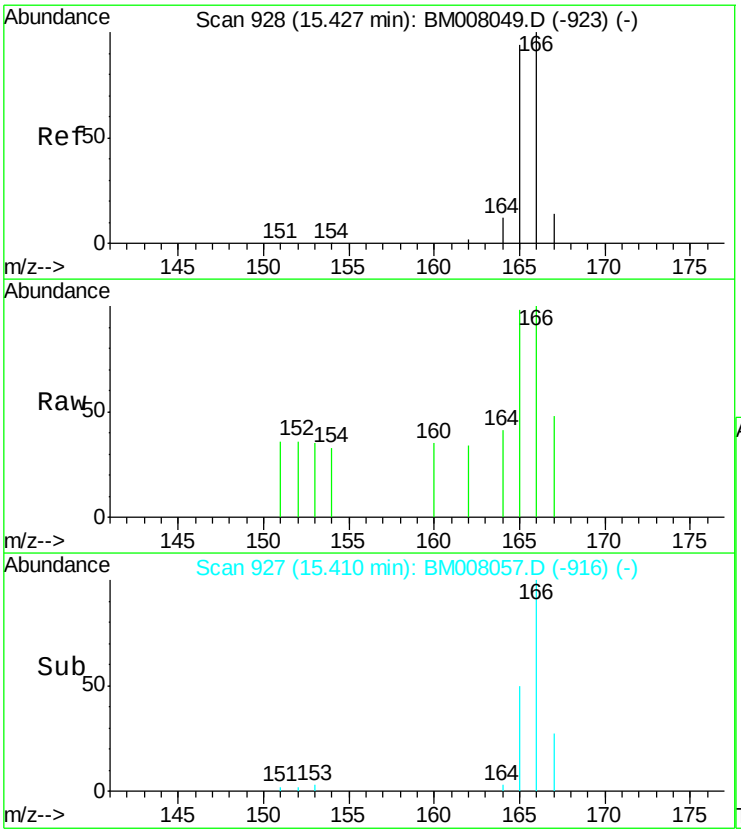
Tgt Ion:152 Resp: 1666

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.1	25.7
153	17.0	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
JHSS7

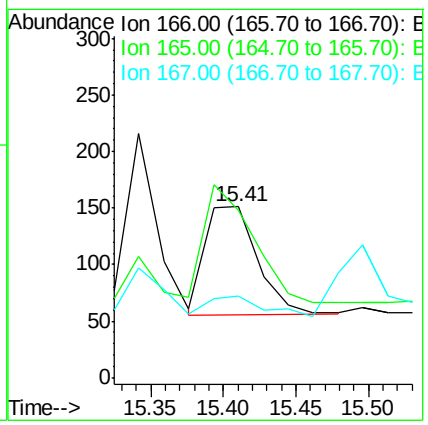
Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

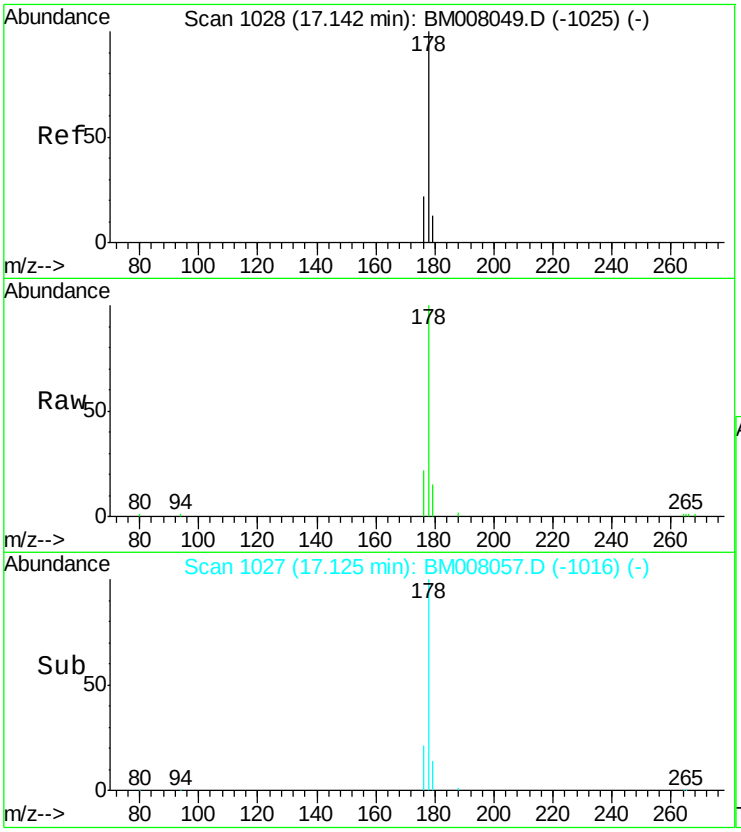


#9
Fluorene
Concen: 0.04 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:166 Resp: 243

Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	47.7	14.6	22.0#





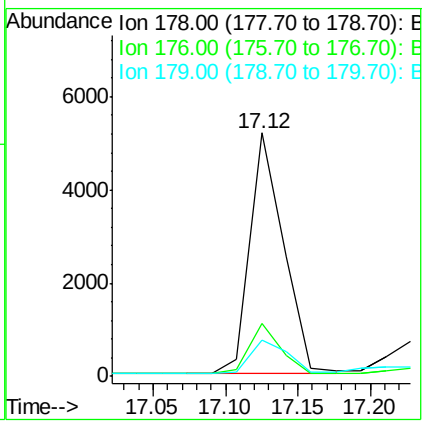
#12
Phenanthrene
Concen: 0.88 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

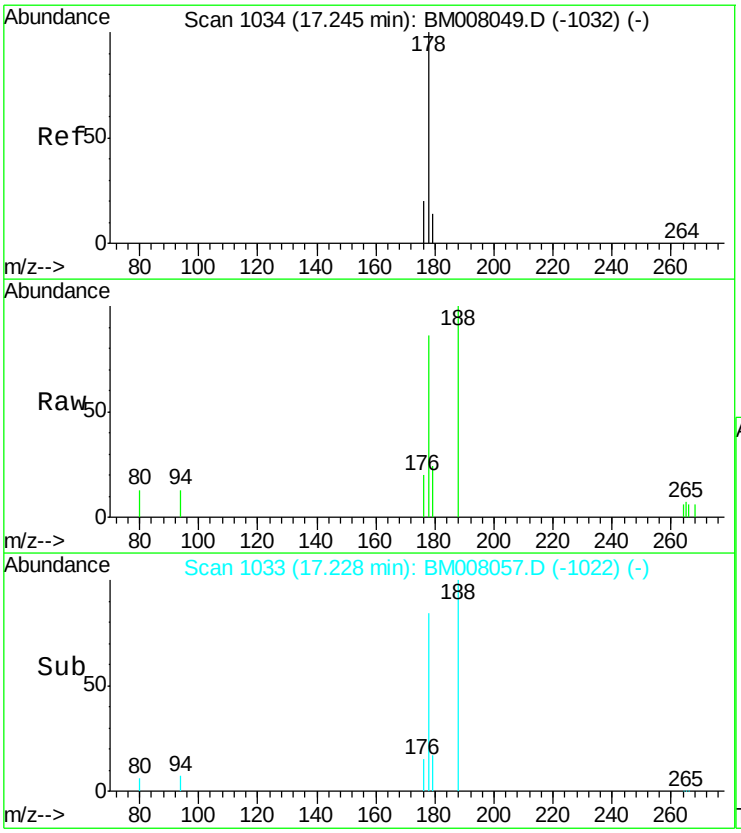
Tgt Ion:178 Resp: 8414

Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.4	27.6
179	15.0	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
JHSS7

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

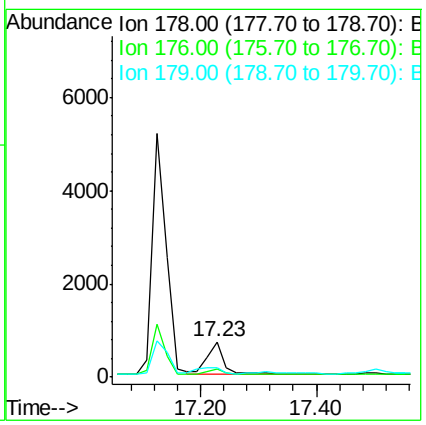


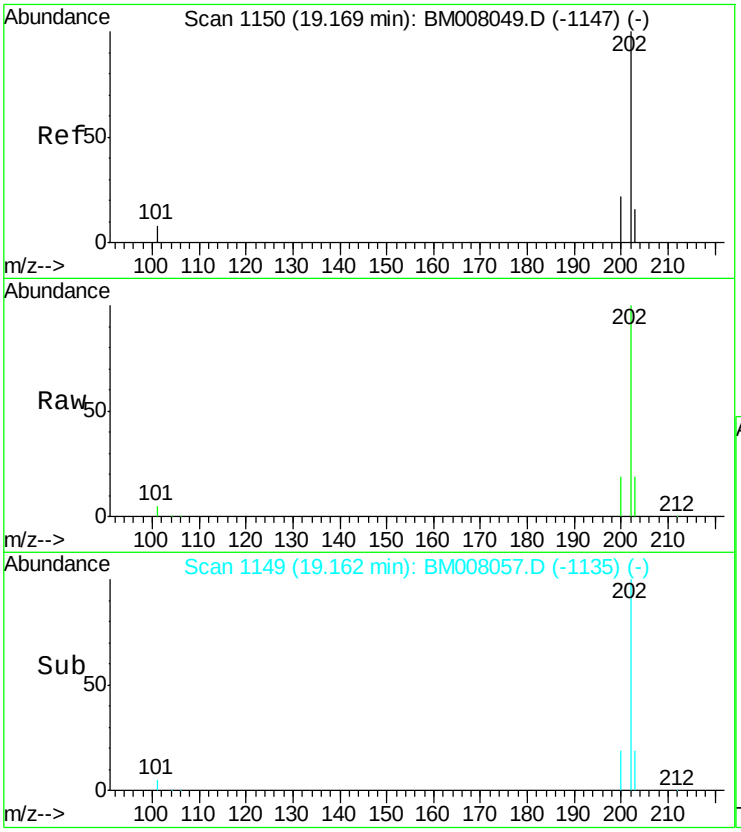


#13
Anthracene
Concen: 0.16 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:178 Resp: 1402

Ion	Ratio	Lower	Upper
178	100		
176	23.0	18.1	27.1
179	27.3	14.7	22.1#

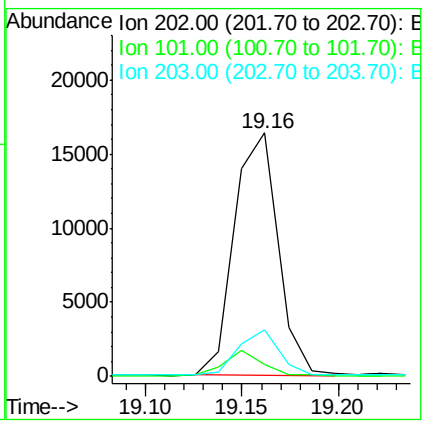




#15
Fluoranthene
Concen: 2.11 ng/ul m
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

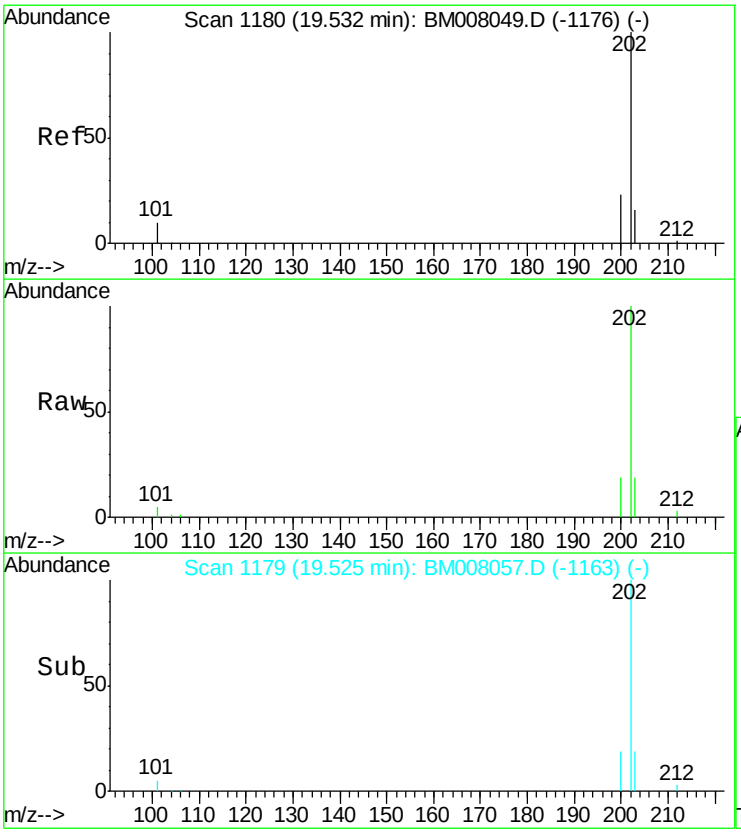
Tgt Ion:202 Resp: 25864

Ion	Ratio	Lower	Upper
202	100		
101	4.7	0.0	30.3
203	19.1	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
JHSS7

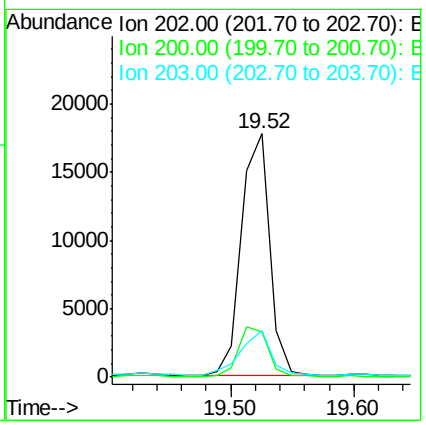
Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

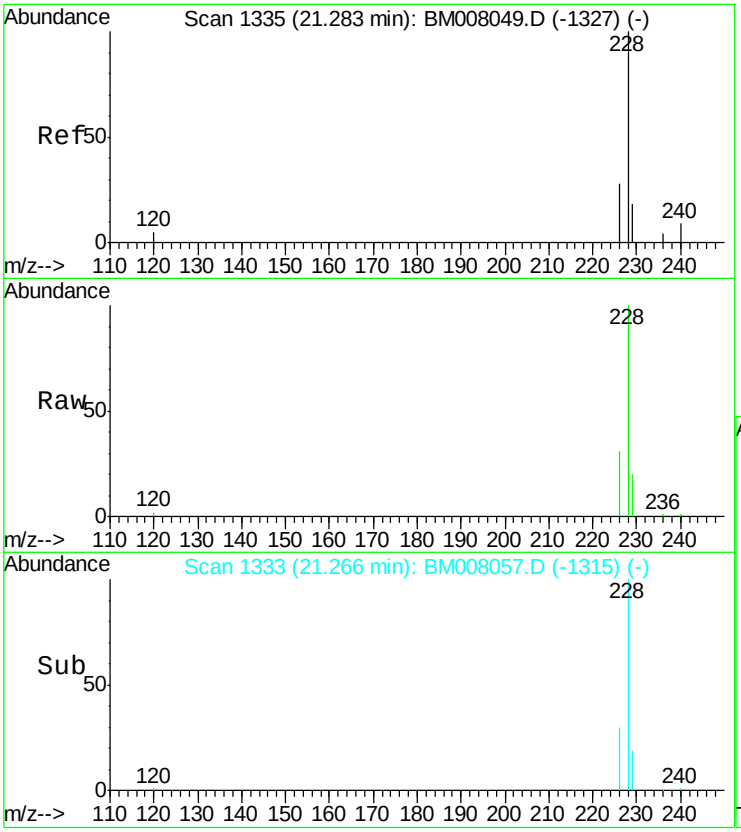


#17
Pyrene
Concen: 2.96 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:202 Resp: 28419

Ion	Ratio	Lower	Upper
202	100		
200	18.8	18.2	27.4
203	19.2	15.6	23.4

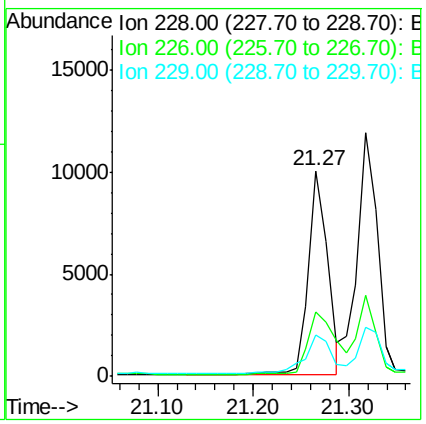




#18
Benzo(a)anthracene
Concen: 1.62 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

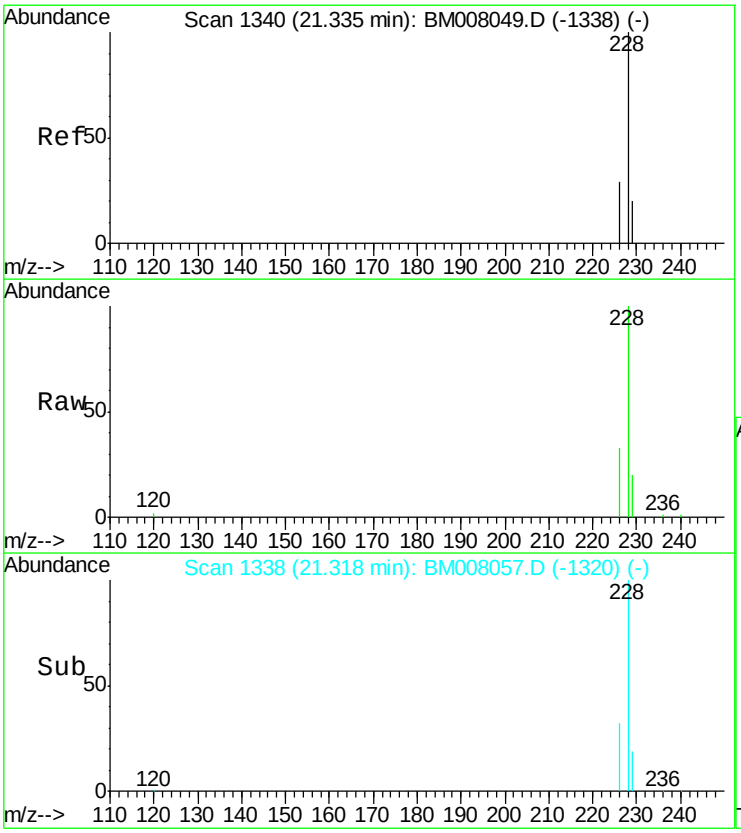
Tgt Ion:228 Resp: 13735

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.8	34.2
229	20.4	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
JHSS7

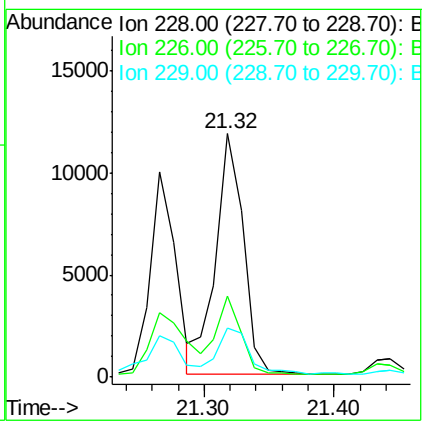
Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

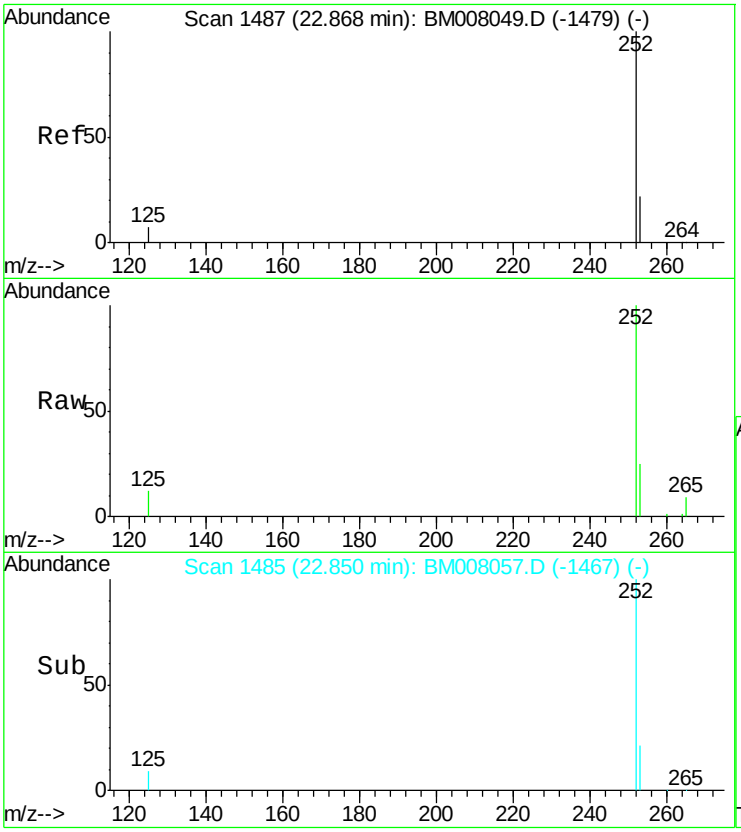


#19
Chrysene
Concen: 1.63 ng/ul
RT: 21.32 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:228 Resp: 17241

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	20.1	17.7	26.5

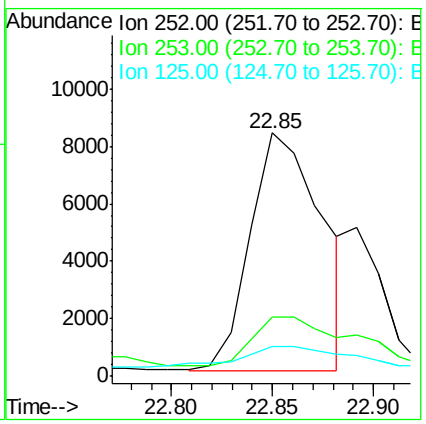




#21
Benzo(b)fluoranthene
Concen: 1.83 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

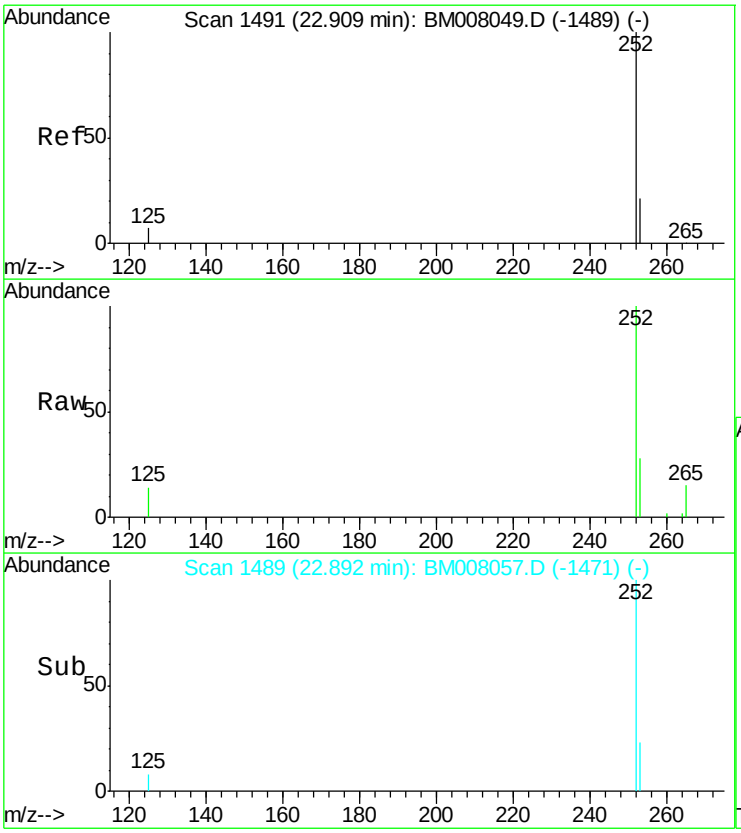
Tgt Ion:252 Resp: 20599

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	12.3	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
JHSS7

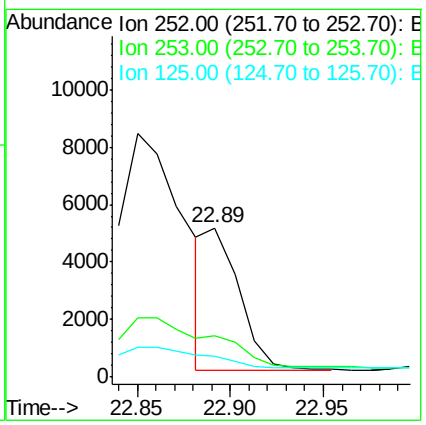
Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

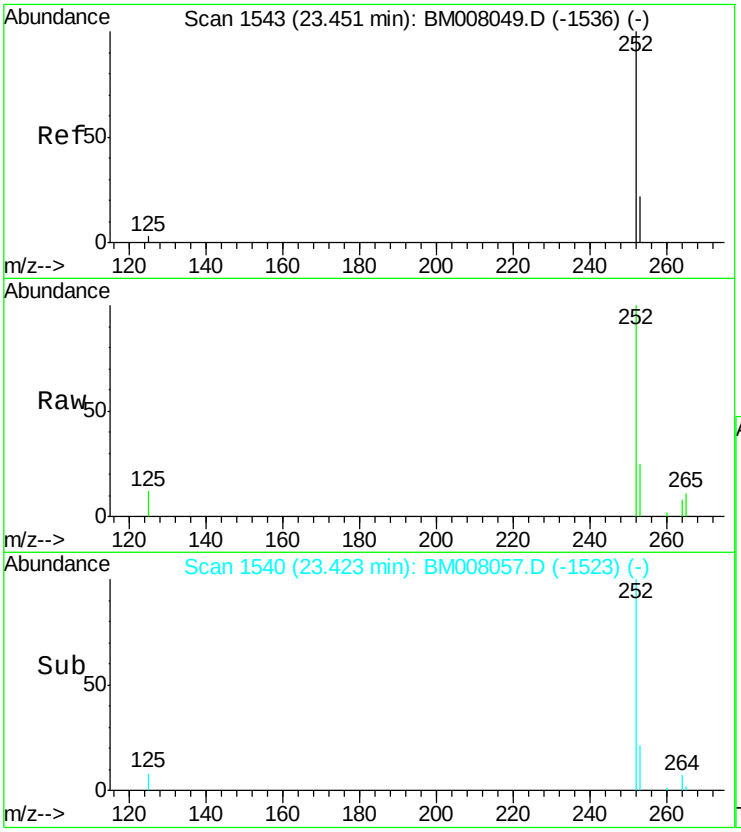


#22
Benzo(k)fluoranthene
Concen: 0.52 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:252 Resp: 6020

Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.5	36.7
125	13.8	13.7	20.5





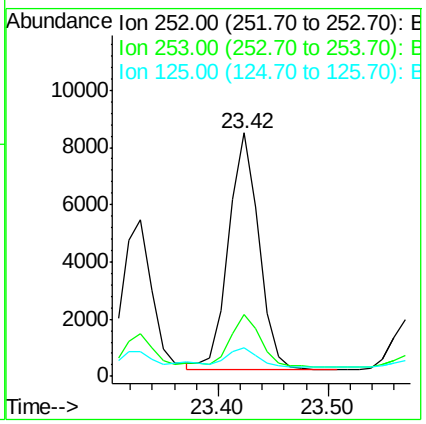
#23
Benzo(a)pyrene
Concen: 1.50 ng/ul
RT: 23.42 min Scan# 1540
Delta R.T. -0.03 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

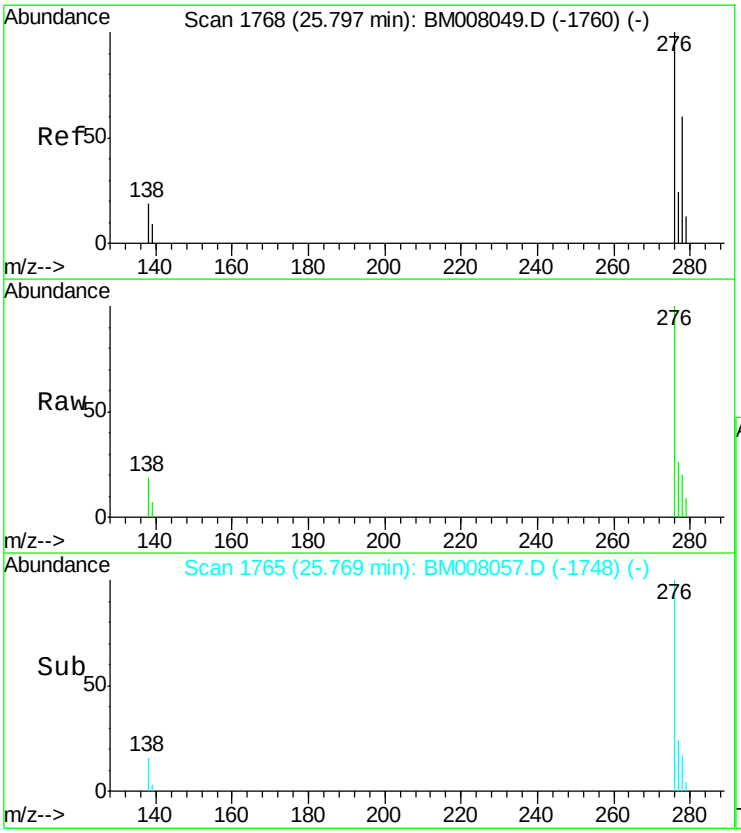
Tgt Ion:252 Resp: 15754

Ion	Ratio	Lower	Upper
252	100		
253	25.4	28.5	42.7#
125	11.9	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
JHSS7

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM

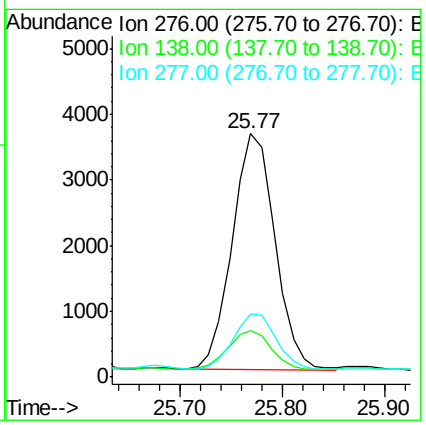


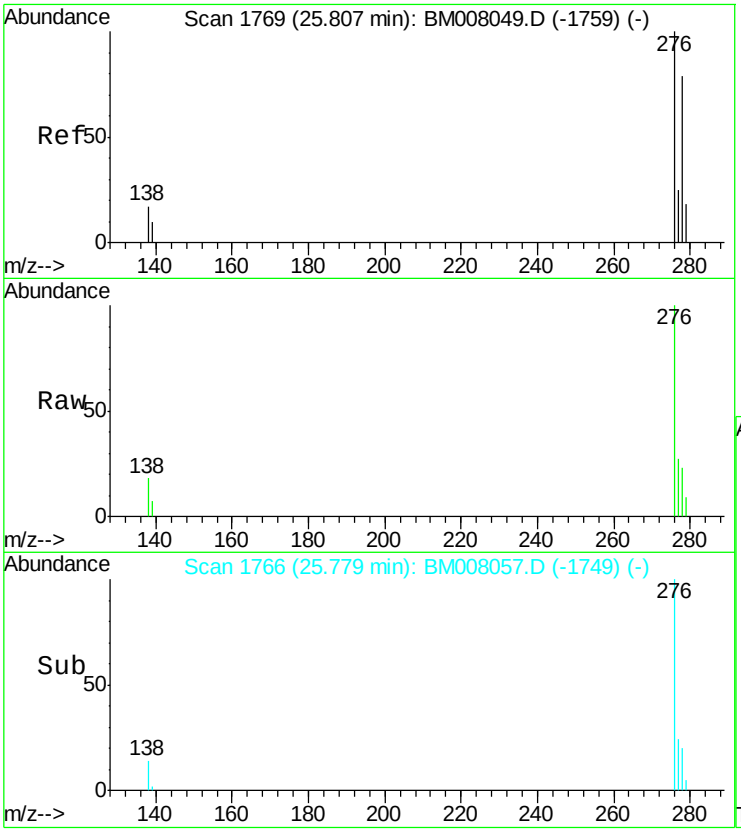


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.80 ng/ul
RT: 25.77 min Scan# 1765
Delta R.T. -0.03 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:276 Resp: 10454

Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.1	28.7#
277	23.9	19.6	29.4

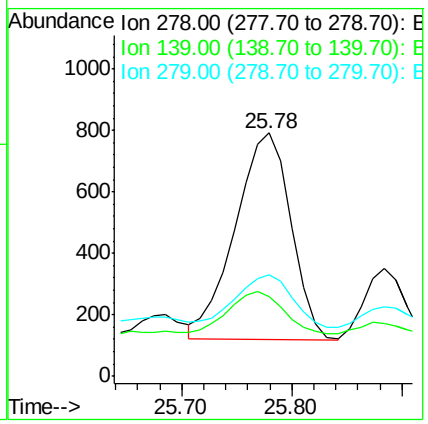




#25
Dibenzo(a,h)anthracene
Concen: 0.23 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.03 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

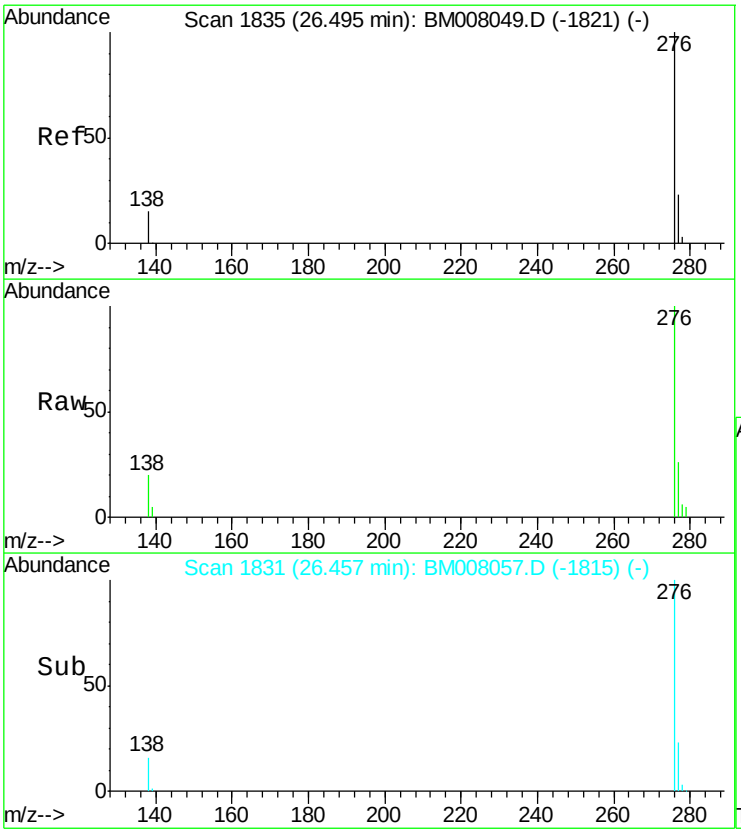
Tgt Ion:278 Resp: 2353

Ion	Ratio	Lower	Upper
278	100		
139	32.6	17.4	26.0#
279	41.7	25.9	38.9#



Instrument :
BNA_M
ClientSampleId :
JHSS7

Manual Integrations APPROVED
Umangi
11/28/2016 5:28:18 PM



#26
Benzo(g,h,i)perylene
Concen: 0.78 ng/ul
RT: 26.46 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BM008057.D
Acq: 24 Nov 2016 04:59

Tgt Ion:276 Resp: 9067

Ion	Ratio	Lower	Upper
276	100		
277	25.9	21.8	32.8
138	19.7	20.5	30.7#