

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008001.D
 Acq On : 22 Nov 2016 19:11
 Operator : UM/SJ
 Sample : H5695-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST6

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:52 PM

Quant Time: Nov 23 01:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	753	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2603	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1605	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	3226m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3165	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	3282	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	736	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	2015m	0.22	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.55	128	1308	0.18	ng/ul#	93
5) 2-Methylnaphthalene	12.17	142	469	0.10	ng/ul	98
7) Acenaphthylene	14.06	152	3194	0.44	ng/ul	97
8) Acenaphthene	14.40	153	341	0.06	ng/ul#	86
9) Fluorene	15.41	166	987	0.16	ng/ul#	96
12) Phenanthrene	17.14	178	31586m	3.14	ng/ul	
13) Anthracene	17.23	178	4471	0.47	ng/ul	94
15) Fluoranthene	19.16	202	56836m	4.38	ng/ul	
17) Pyrene	19.52	202	56433	5.14	ng/ul	96
18) Benzo(a)anthracene	21.27	228	22914	2.36	ng/ul	98
19) Chrysene	21.32	228	26625	2.20	ng/ul	98
21) Benzo(b)fluoranthene	22.86	252	31295m	2.39	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	8691m	0.64	ng/ul	
23) Benzo(a)pyrene	23.43	252	22927m	1.87	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	14895	0.98	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.79	278	3572	0.29	ng/ul#	88
26) Benzo(g,h,i)perylene	26.47	276	12324	0.92	ng/ul#	91

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

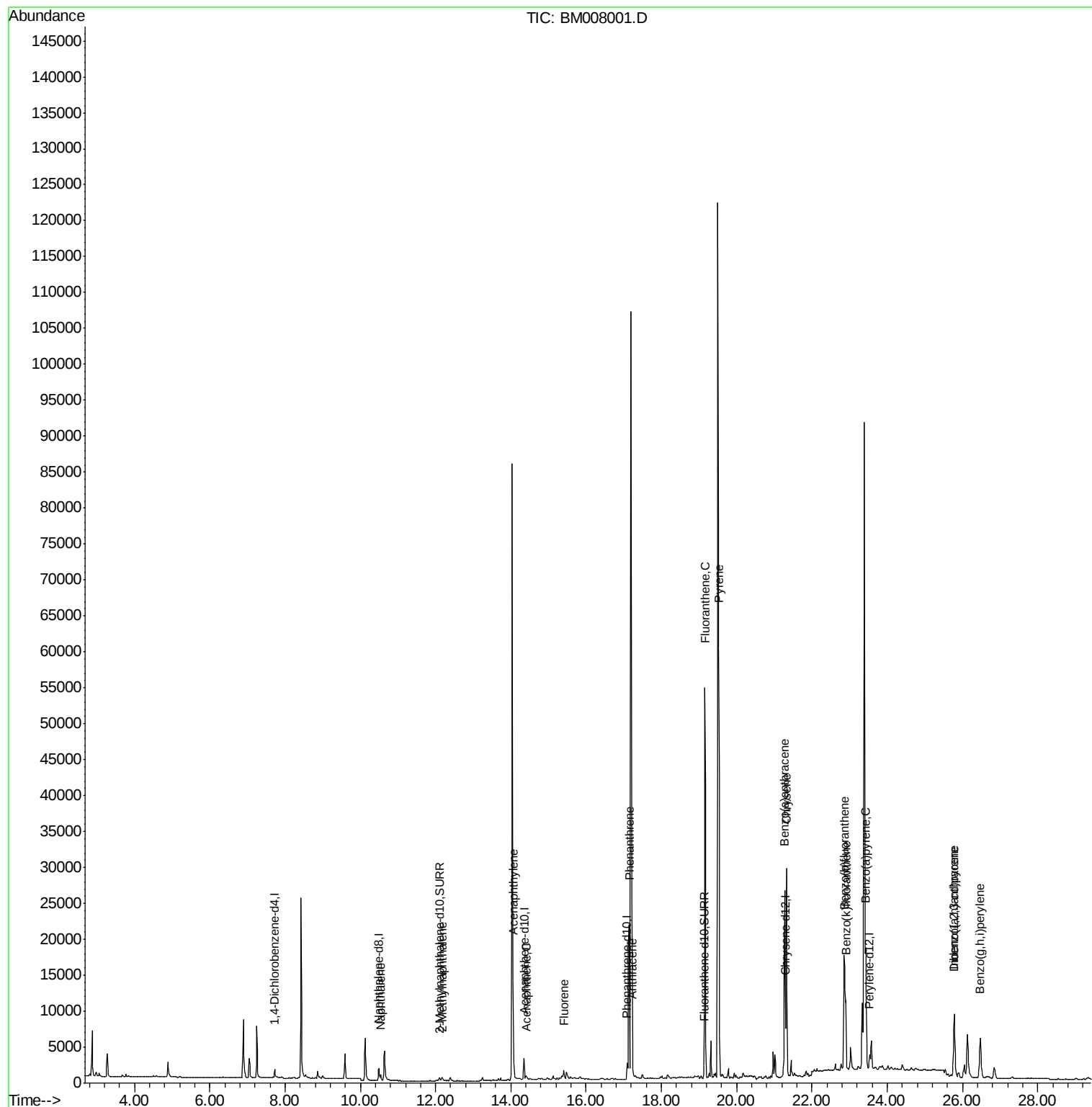
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM008001.D
Acq On : 22 Nov 2016 19:11
Operator : UM/SJ
Sample : H5695-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

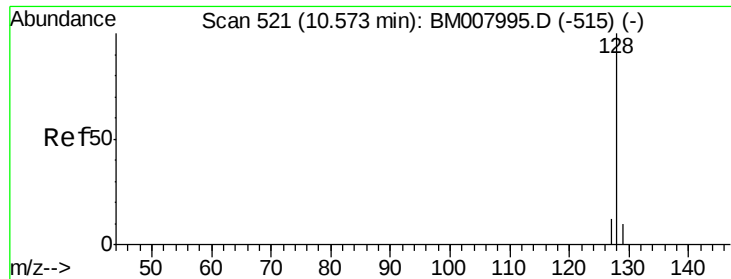
Instrument :
BNA_M
ClientSampleId :
JHST6

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM

Quant Time: Nov 23 01:02:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 16:05:09 2016
Response via : Initial Calibration





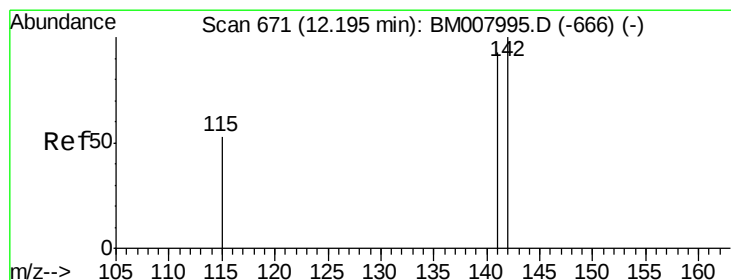
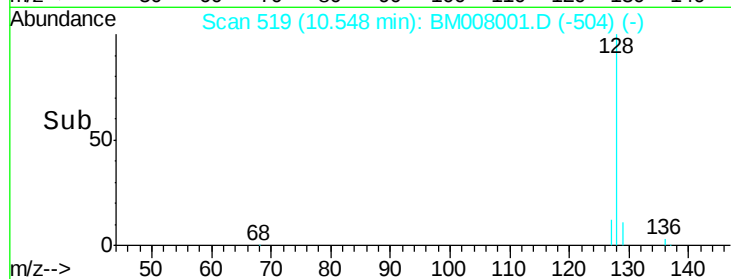
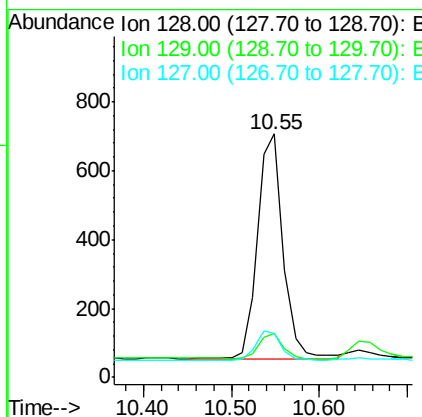
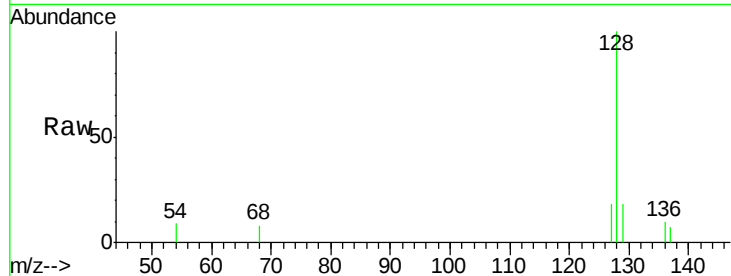
#3
Naphthalene
Concen: 0.18 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. -0.02 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Instrument :
BNA_M
ClientSampleId :
JHST6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.3	16.9#
127	18.2	12.8	19.2

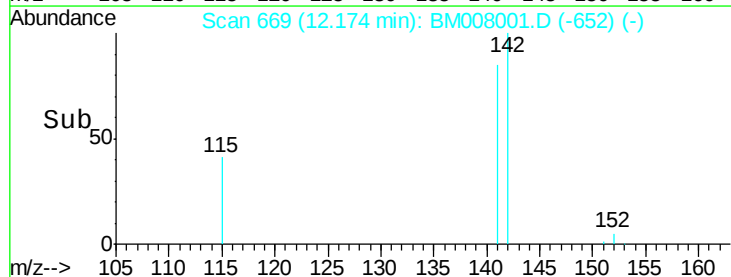
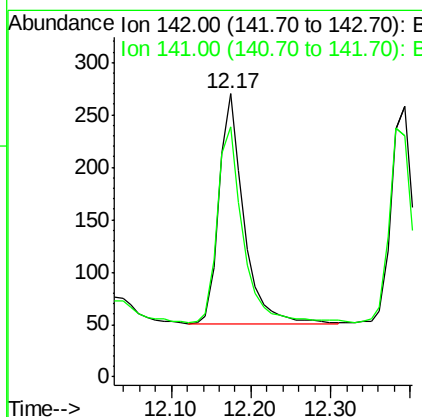
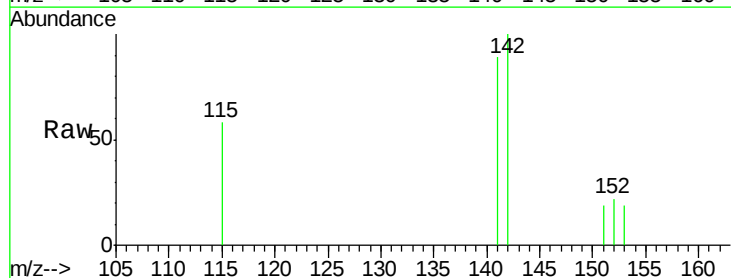
Manual Integrations
APPROVED

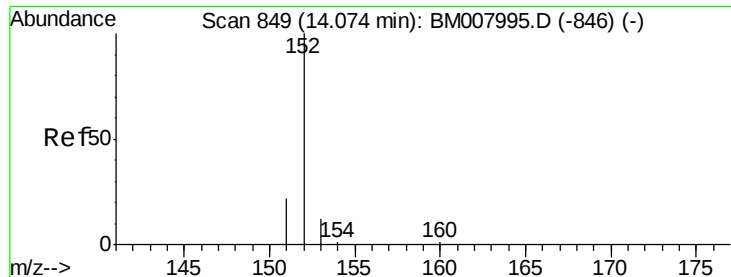
sohil
11/23/2016 6:06:52 PM



#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. -0.02 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.44 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Instrument :

BNA_M

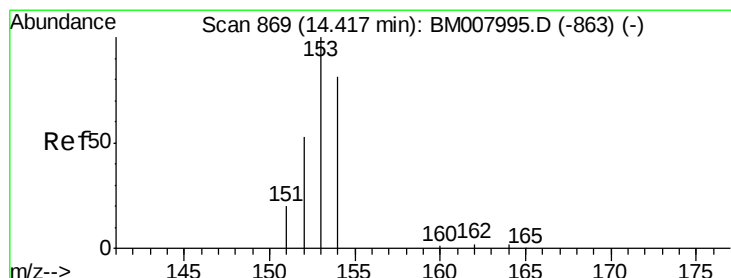
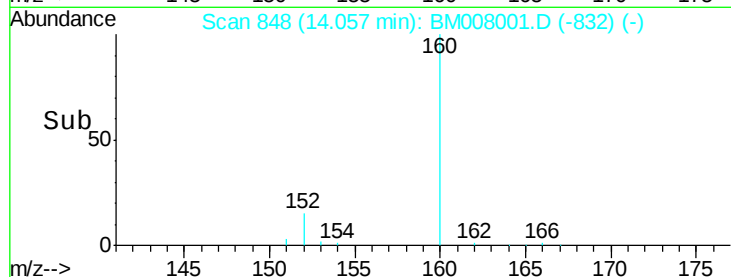
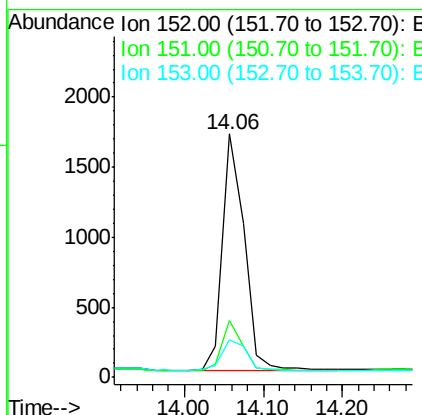
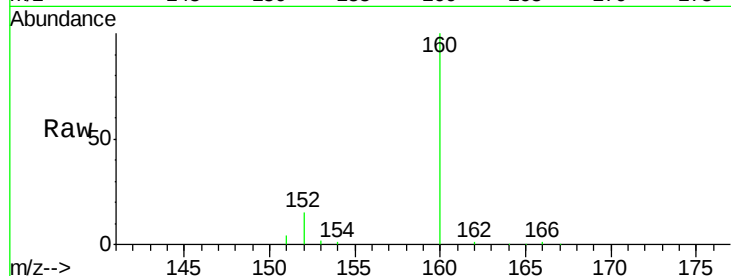
ClientSampleId :

JHST6

Tgt Ion:	152	Resp:	3194
Ion Ratio	Lower	Upper	
152	100		
151	23.5	17.1	25.7
153	15.3	12.8	19.2

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM



#8

Acenaphthene

Concen: 0.06 ng/ul

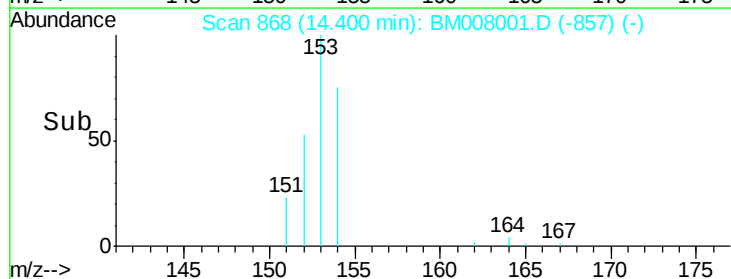
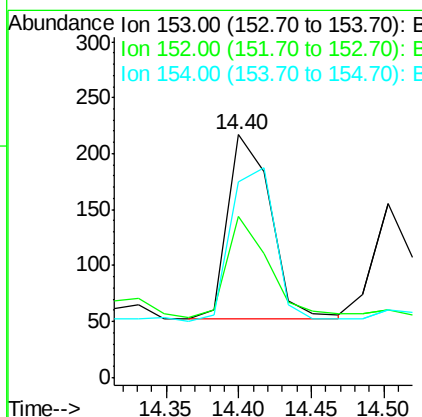
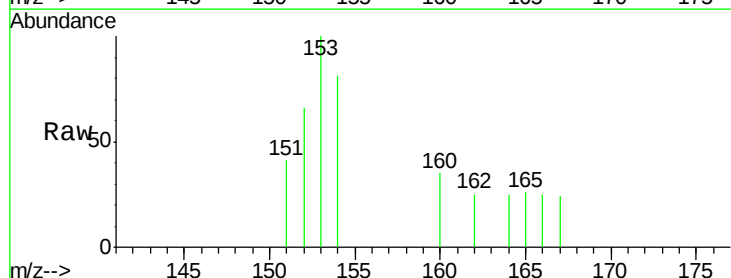
RT: 14.40 min Scan# 868

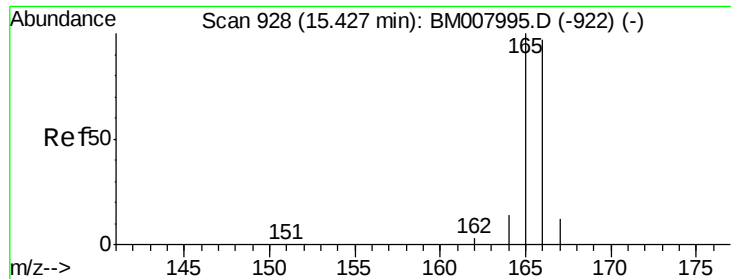
Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Tgt Ion:	153	Resp:	341
Ion Ratio	Lower	Upper	
153	100		
152	66.4	40.3	60.5#
154	80.6	71.4	107.2





#9

Fluorene

Concen: 0.16 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Instrument :

BNA_M

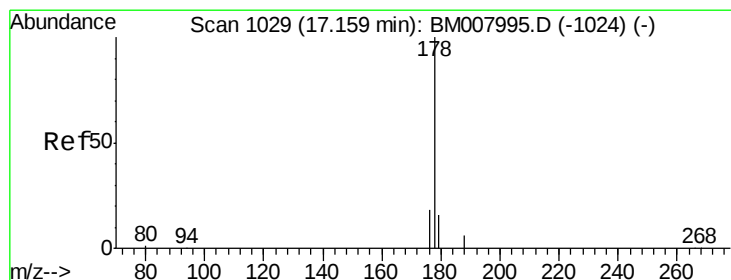
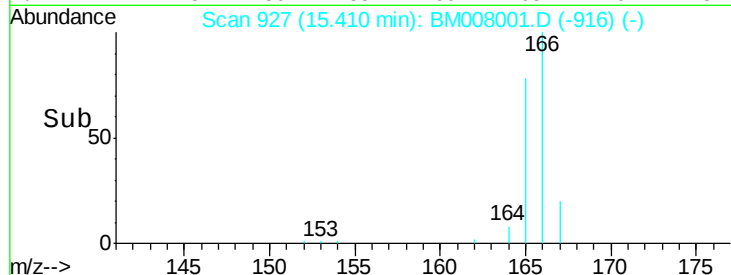
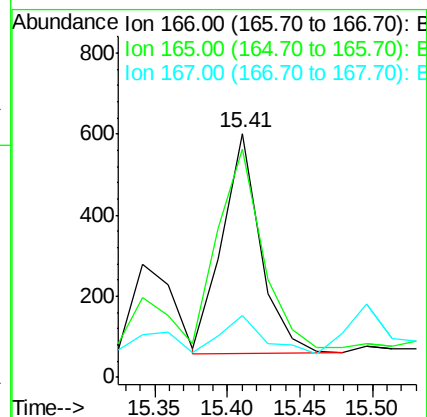
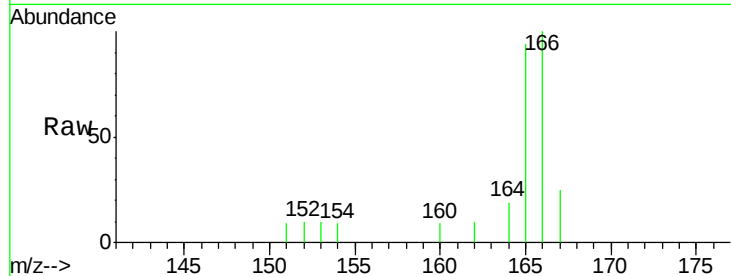
ClientSampled :

JHST6

Tgt Ion:	166	Resp:	987
Ion Ratio	Lower	Upper	
166	100		
165	93.7	73.4	110.2
167	25.5	14.6	22.0#

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM



#12

Phenanthrene

Concen: 3.14 ng/ul m

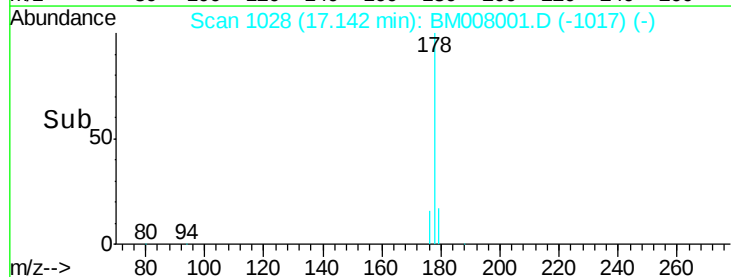
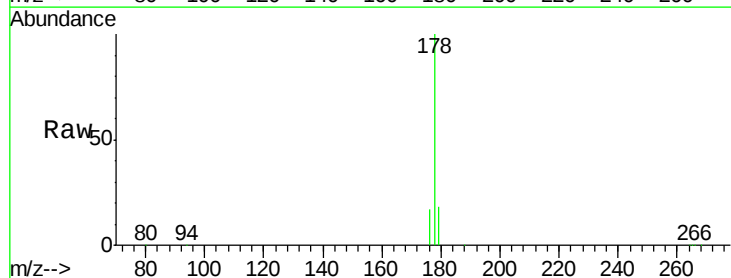
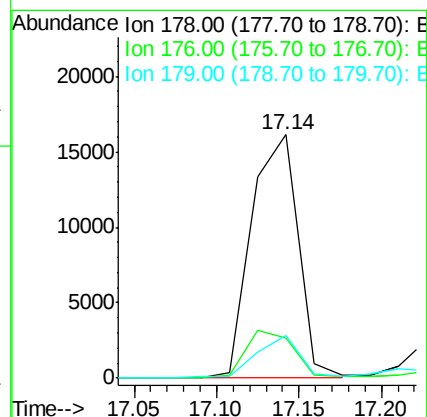
RT: 17.14 min Scan# 1028

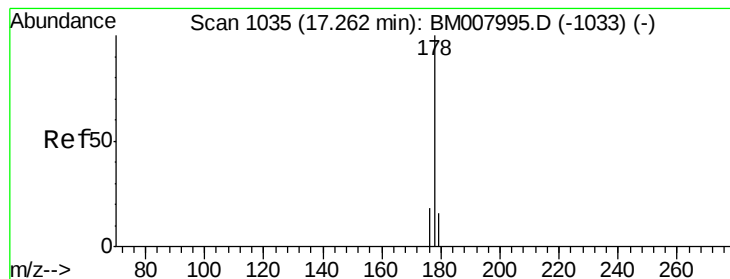
Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Tgt Ion:	178	Resp:	31586
Ion Ratio	Lower	Upper	
178	100		
176	16.6	18.4	27.6#
179	17.6	13.6	20.4





#13

Anthracene

Concen: 0.47 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Instrument :

BNA_M

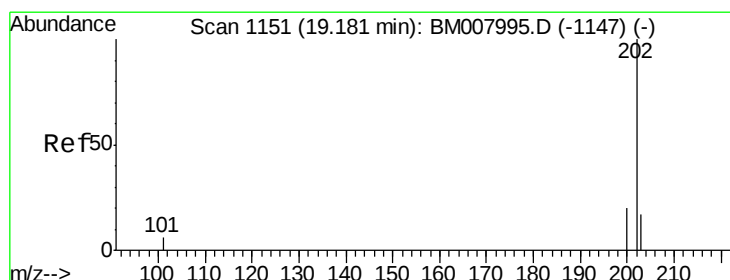
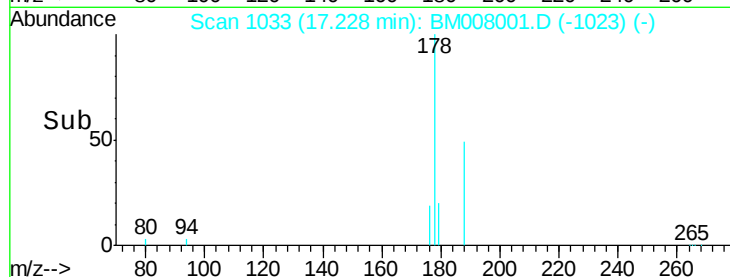
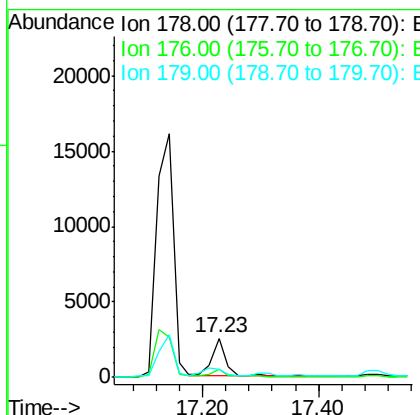
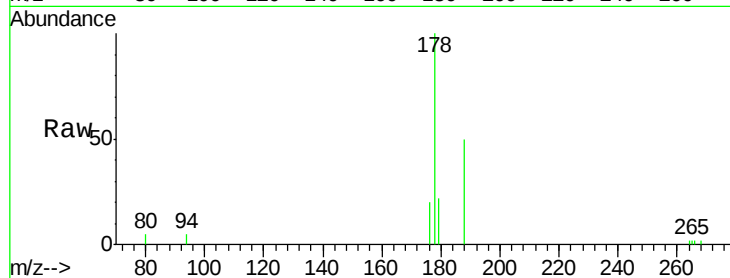
ClientSampleId :

JHST6

Tgt Ion:	178	Resp:	4471
Ion Ratio	Lower	Upper	
178	100		
176	20.4	18.1	27.1
179	21.8	14.7	22.1

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM



#15

Fluoranthene

Concen: 4.38 ng/ul m

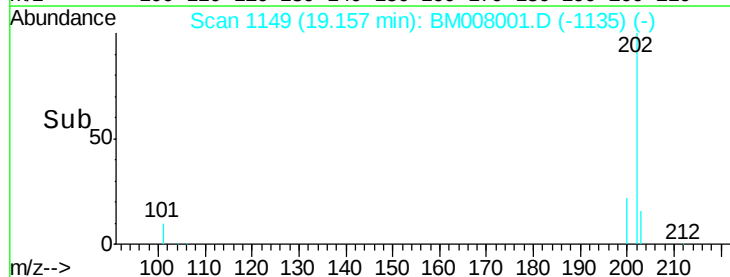
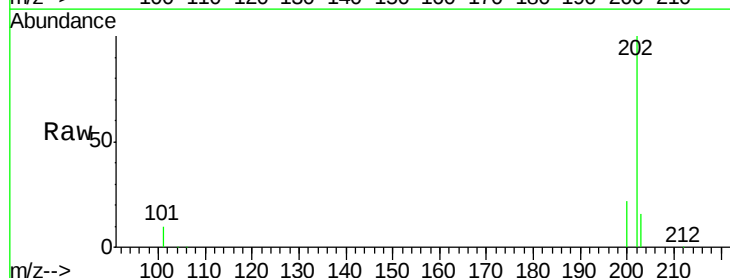
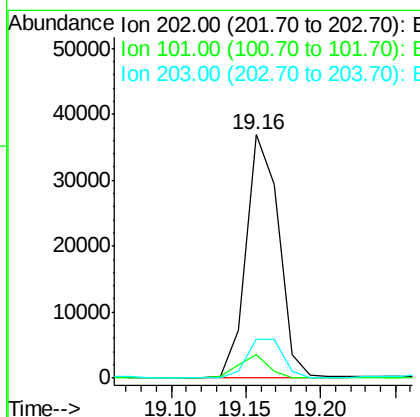
RT: 19.16 min Scan# 1149

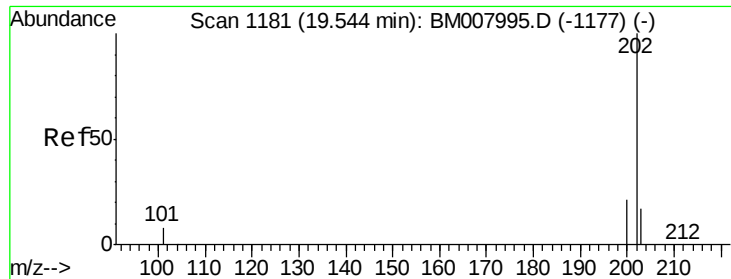
Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Tgt Ion:	202	Resp:	56836
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.3
203	16.1	0.0	39.5





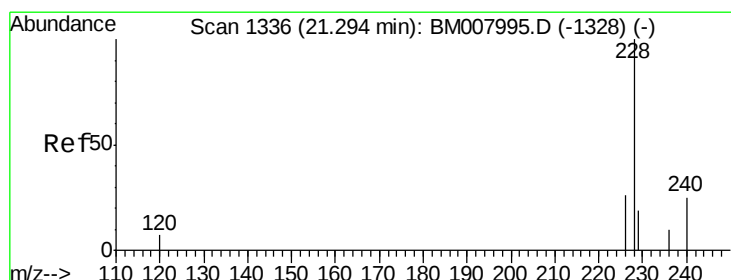
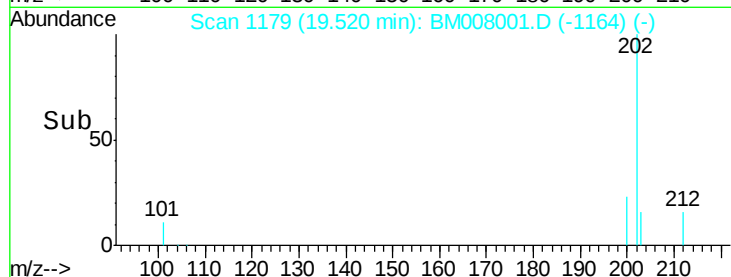
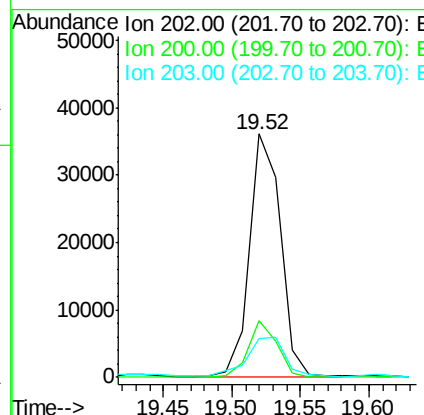
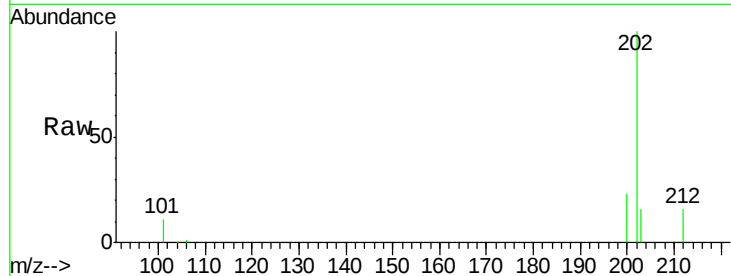
#17
 Pyrene
 Concen: 5.14 ng/ul
 RT: 19.52 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BM008001.D
 Acq: 22 Nov 2016 19:11

Instrument :
 BNA_M
 ClientSampled :
 JHST6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.2	18.2	27.4
203	16.0	15.6	23.4

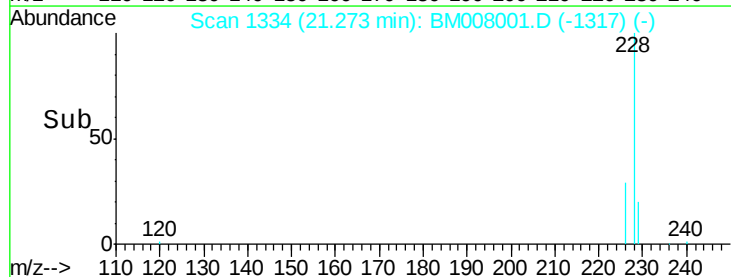
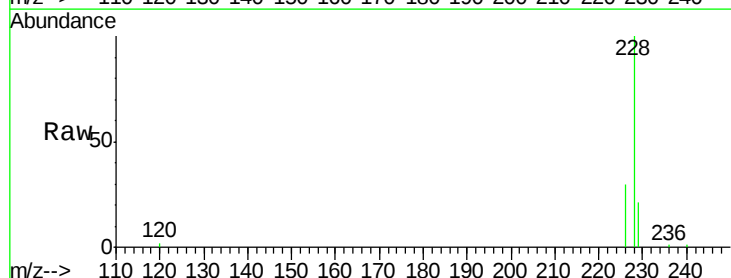
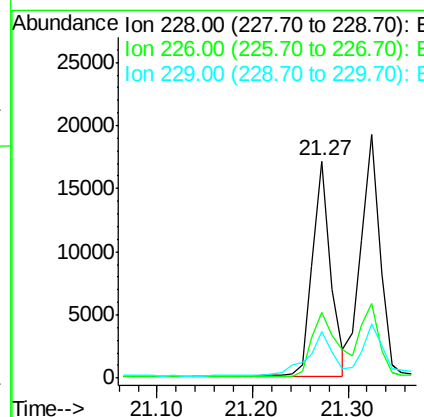
Manual Integrations
 APPROVED

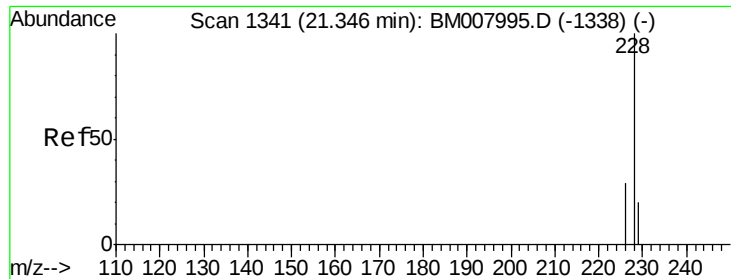
sohil
 11/23/2016 6:06:52 PM



#18
 Benzo(a)anthracene
 Concen: 2.36 ng/ul
 RT: 21.27 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BM008001.D
 Acq: 22 Nov 2016 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	22.8	34.2
229	21.4	17.0	25.6





#19

Chrysene

Concen: 2.20 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Instrument :

BNA_M

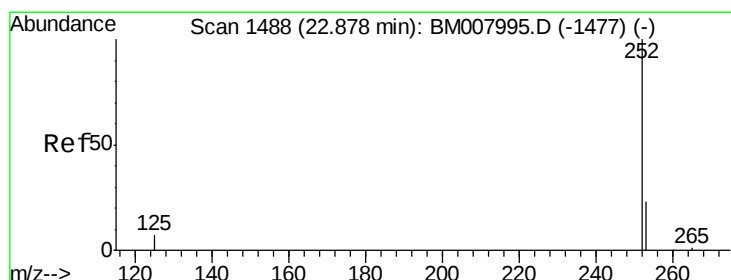
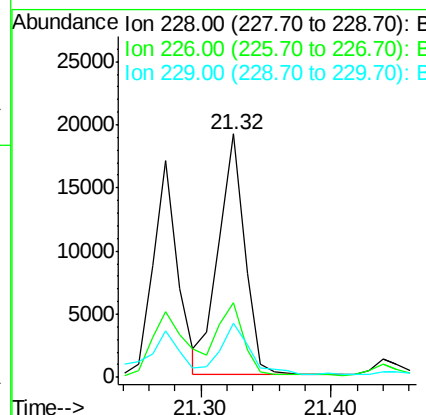
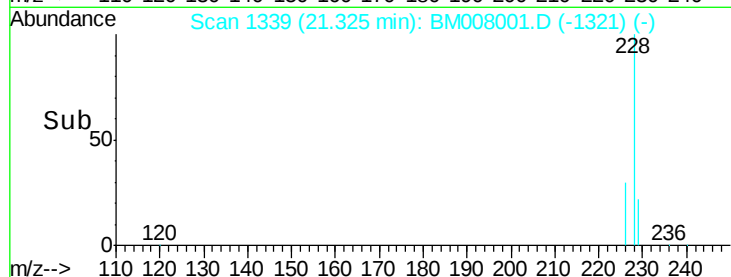
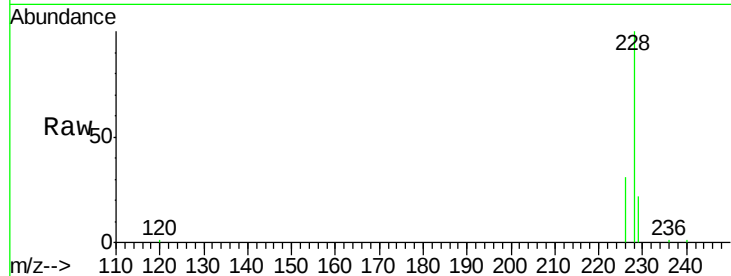
ClientSampled :

JHST6

Tgt Ion:	228	Resp:	26625
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	22.3	17.7	26.5

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM



#21

Benzo(b)fluoranthene

Concen: 2.39 ng/ul m

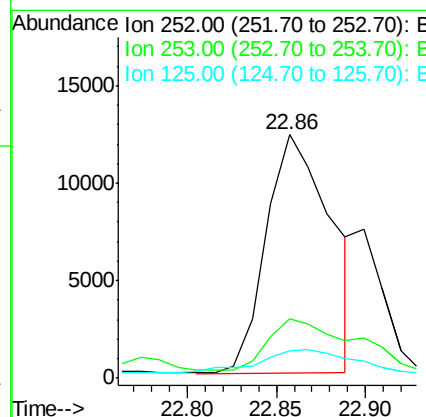
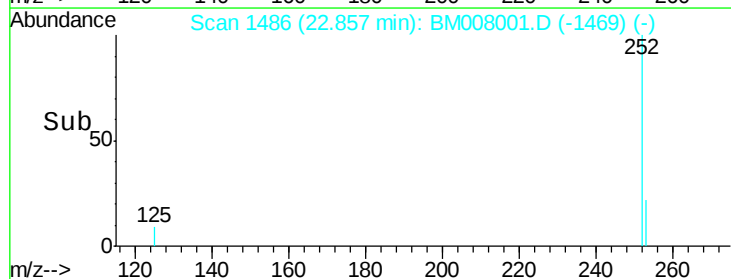
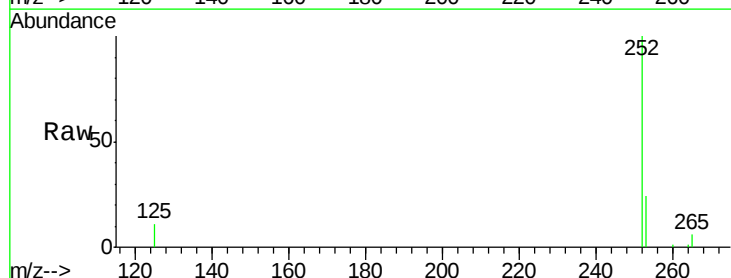
RT: 22.86 min Scan# 1486

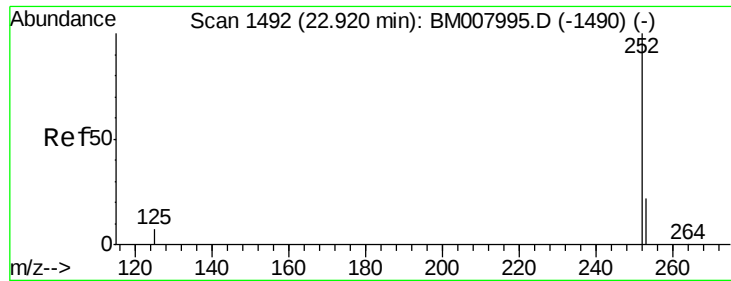
Delta R.T. -0.02 min

Lab File: BM008001.D

Acq: 22 Nov 2016 19:11

Tgt Ion:	252	Resp:	31295
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	64.2
125	11.1	0.0	35.0





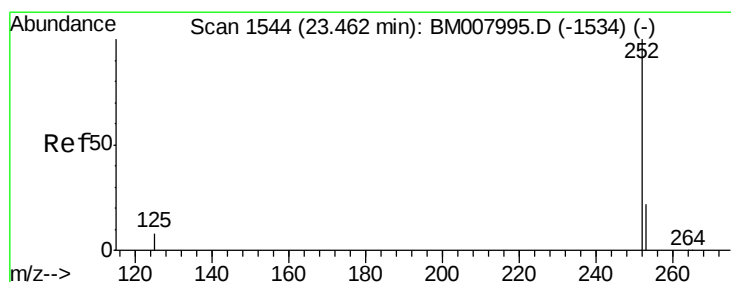
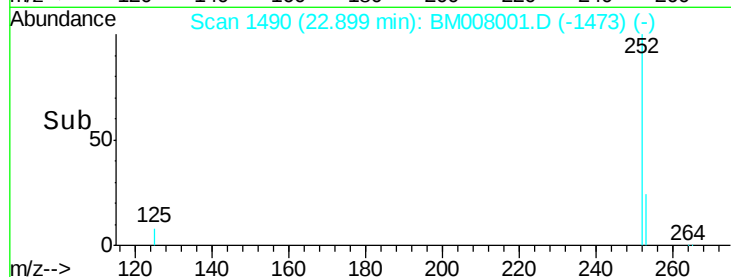
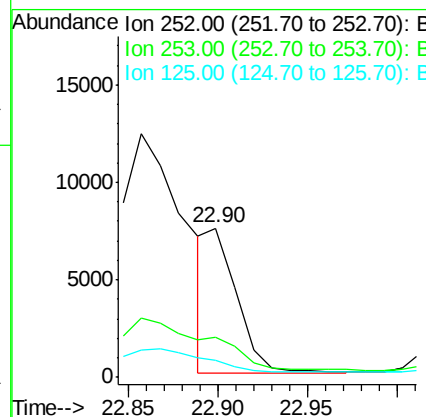
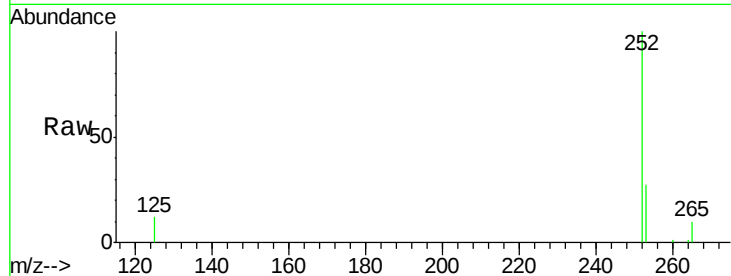
#22
Benzo(k)fluoranthene
Concen: 0.64 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Instrument :
BNA_M
ClientSampled :
JHST6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	11.5	13.7	20.5#

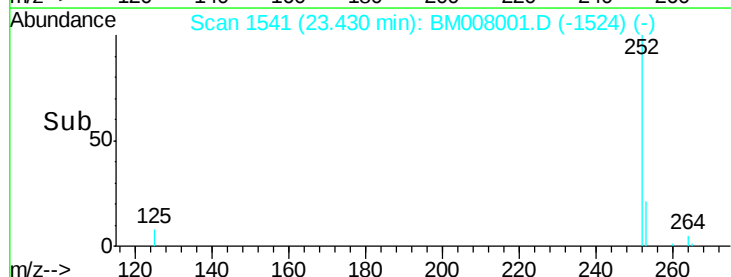
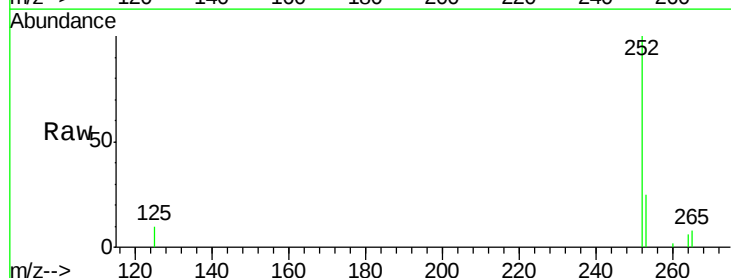
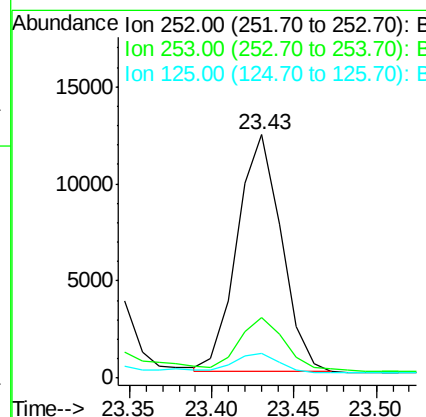
Manual Integrations
APPROVED

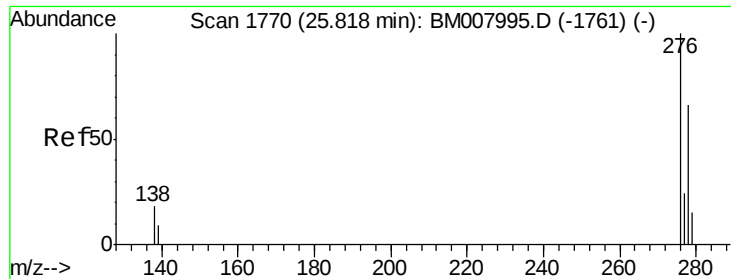
sohil
11/23/2016 6:06:52 PM



#23
Benzo(a)pyrene
Concen: 1.87 ng/ul m
RT: 23.43 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	28.5	42.7#
125	10.2	18.1	27.1#





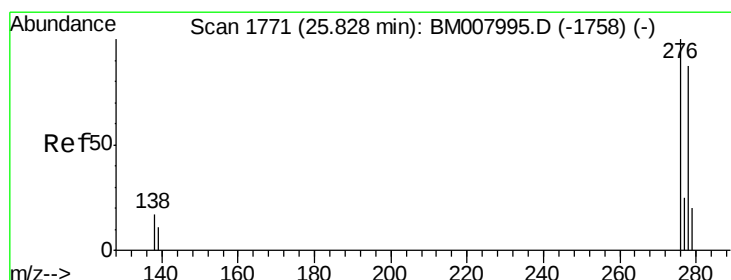
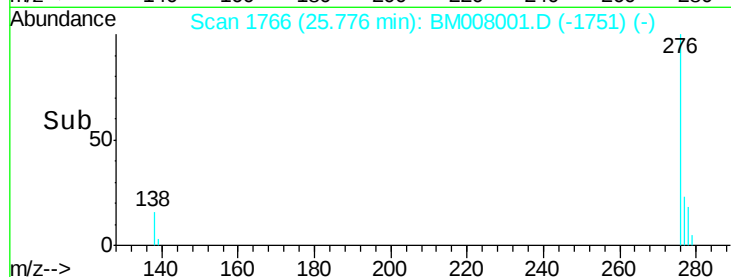
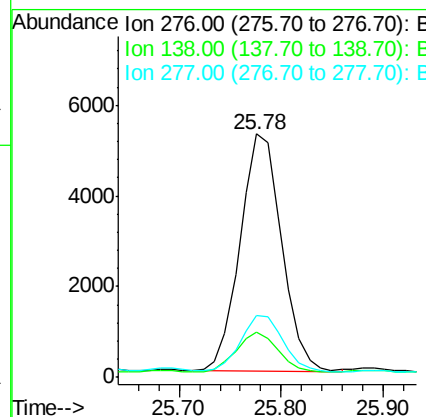
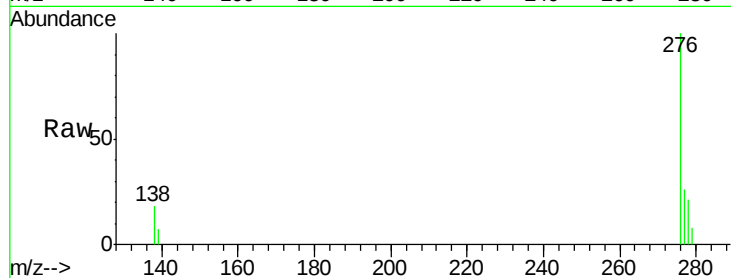
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.04 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Instrument :
BNA_M
ClientSampleId :
JHST6

Tgt Ion: 276 Resp: 14895
Ion Ratio Lower Upper
276 100
138 16.7 19.1 28.7#
277 24.0 19.6 29.4

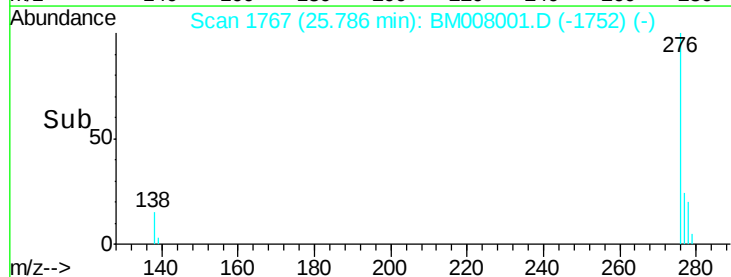
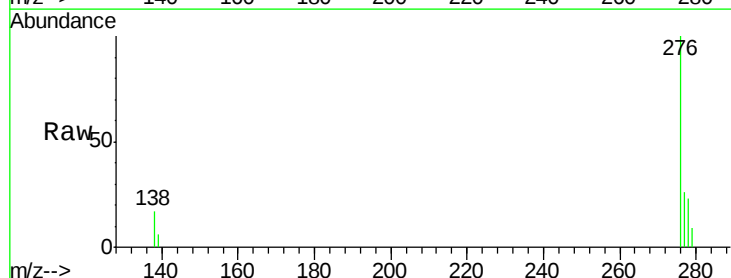
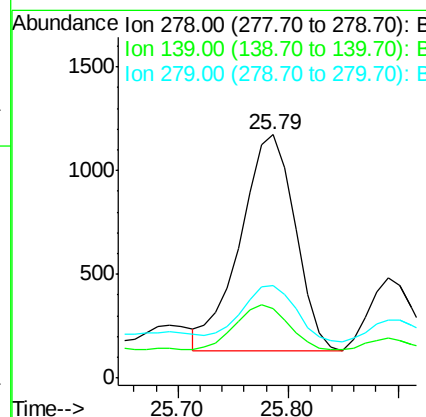
Manual Integrations
APPROVED

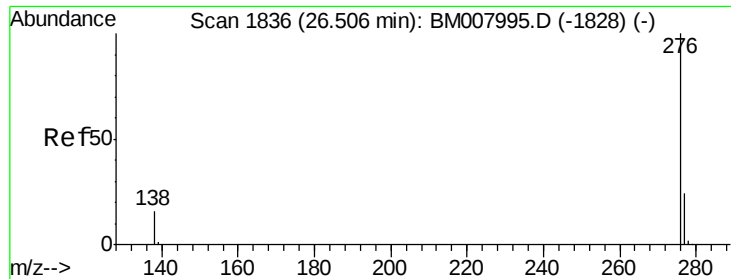
sohil
11/23/2016 6:06:52 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.29 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.04 min
Lab File: BM008001.D
Acq: 22 Nov 2016 19:11

Tgt Ion: 278 Resp: 3572
Ion Ratio Lower Upper
278 100
139 28.6 17.4 26.0#
279 37.9 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 0.92 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. -0.03 min

Lab File: BM008001.D

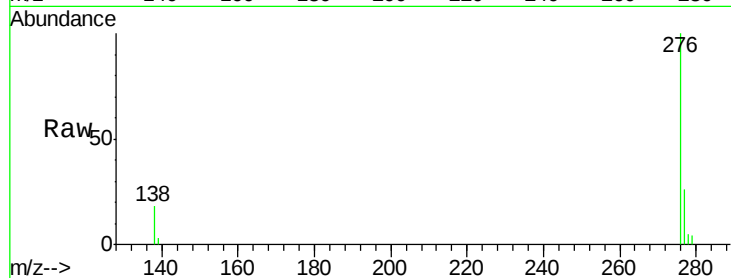
Acq: 22 Nov 2016 19:11

Instrument :

BNA_M

ClientSampleId :

JHST6



Tgt Ion:	276	Resp:	12324
Ion Ratio	Lower	Upper	
276	100		
277	25.7	21.8	32.8
138	18.0	20.5	30.7#

Manual Integrations
APPROVED

sohil
11/23/2016 6:06:52 PM

