

Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003866.D
 Acq On : 30 Dec 2015 01:19
 Operator : SJ/UM
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.435

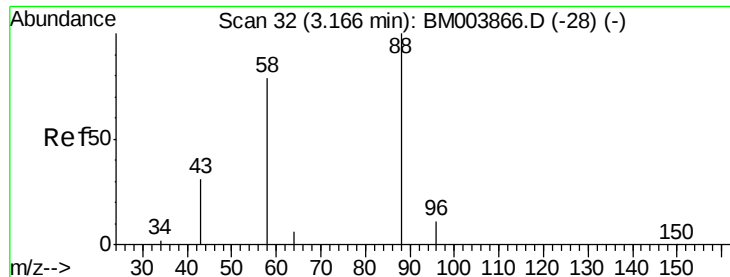
Manual Integrations
 APPROVED

Sohil
 12/30/2015 3:51:05 PM

Quant Time: Dec 30 05:57:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5700	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	24586	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	14127	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	32723	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	29476	0.40	ng/ul	-0.01
22) Perylene-d12	23.52	264	22264	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4916	2.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	13200	0.45	ng/ul	-0.01
16) Fluoranthene-d10	19.11	212	33893	0.49	ng/ul	-0.01
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.17	88	5943	1.92	ng/ul#	8
5) Naphthalene	10.51	128	24397	0.44	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	17375	0.47	ng/ul	100
9) Acenaphthylene	14.04	152	22118	0.41	ng/ul	96
10) Acenaphthene	14.38	153	19399	0.45	ng/ul#	82
11) Fluorene	15.38	166	21924	0.45	ng/ul#	75
13) Pentachlorophenol	16.75	266	995	0.21	ng/ul	95
14) Phenanthrene	17.11	178	36917m	0.44	ng/ul	
15) Anthracene	17.21	178	32080	0.44	ng/ul	100
17) Fluoranthene	19.15	202	44890	0.49	ng/ul	92
19) Pyrene	19.51	202	43264	0.54	ng/ul	94
20) Benzo(a)anthracene	21.26	228	33952	0.47	ng/ul#	88
21) Chrysene	21.31	228	37688m	0.46	ng/ul	
23) Benzo(b)fluoranthene	22.84	252	31237	0.41	ng/ul	97
24) Benzo(k)fluoranthene	22.88	252	29567	0.43	ng/ul	96
25) Benzo(a)pyrene	23.41	252	28287	0.44	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.77	276	30116	0.41	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.78	278	24221	0.40	ng/ul	99
28) Benzo(g,h,i)perylene	26.46	276	26031	0.40	ng/ul	97

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



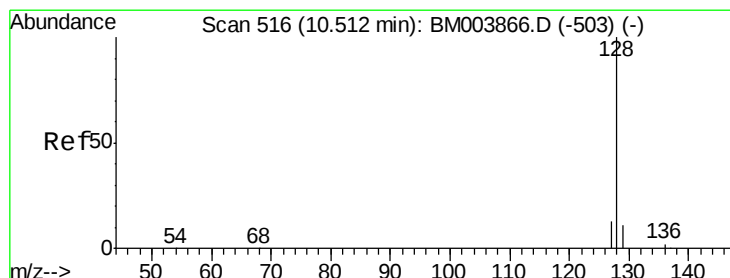
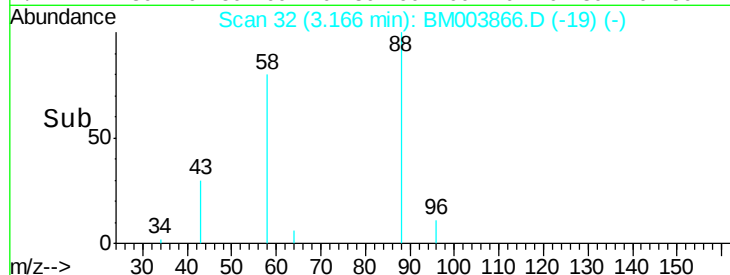
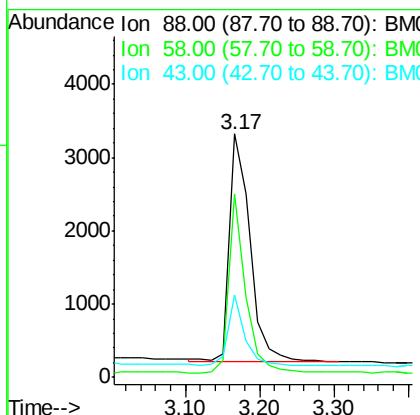
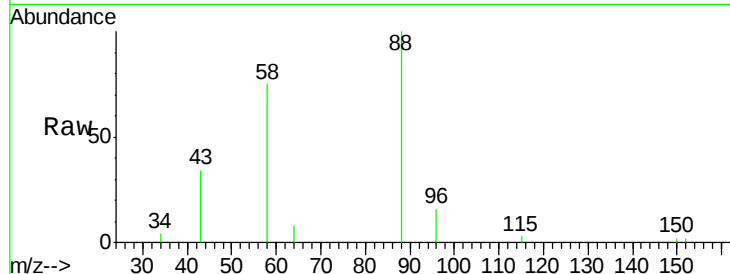
#3
1,4-Dioxane
Concen: 1.92 ng/ul
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tot Ion	Ratio	Lower	Upper
88	100		
58	63.4	8.0	12.0#
43	24.5	8.0	12.0#

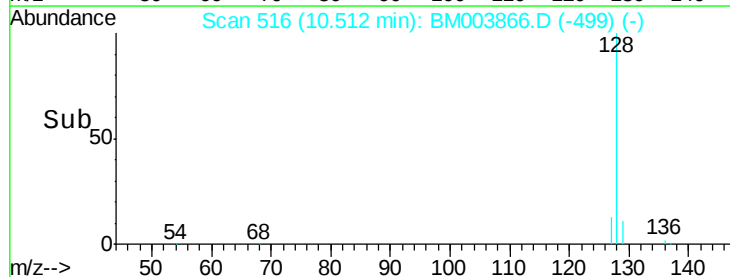
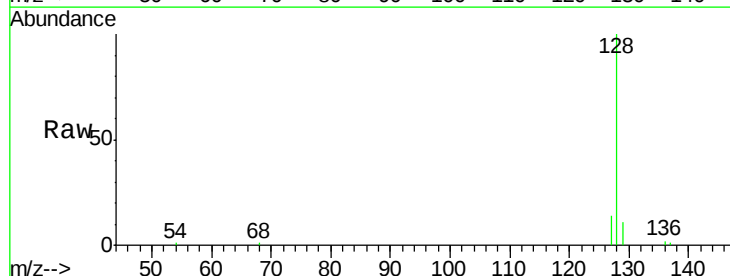
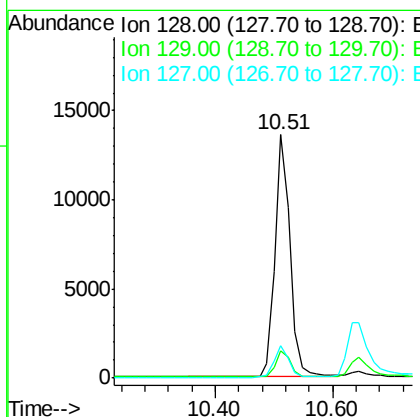
Manual Integrations
APPROVED

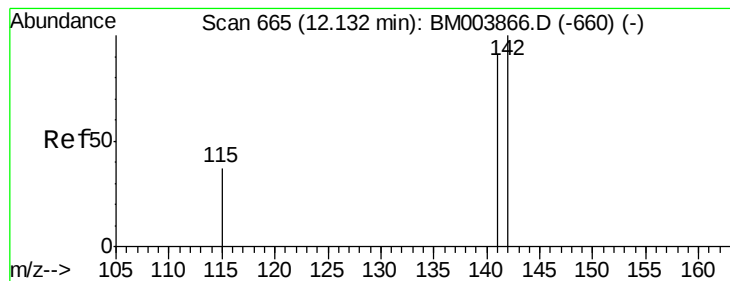
Sohil
12/30/2015 3:51:05 PM



#5
Naphthalene
Concen: 0.44 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. 0.00 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.5	9.6	14.4





#7

2-Methylnaphthalene

Concen: 0.47 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.435

Tot Ion:142 Resp: 17375

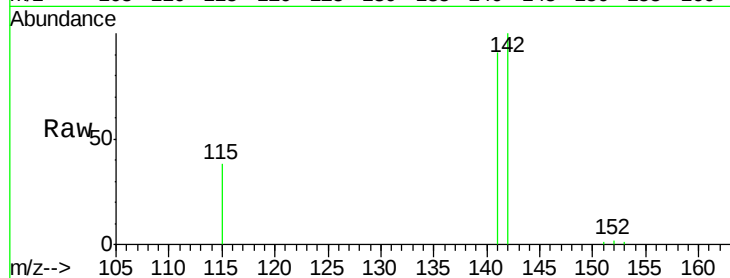
Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

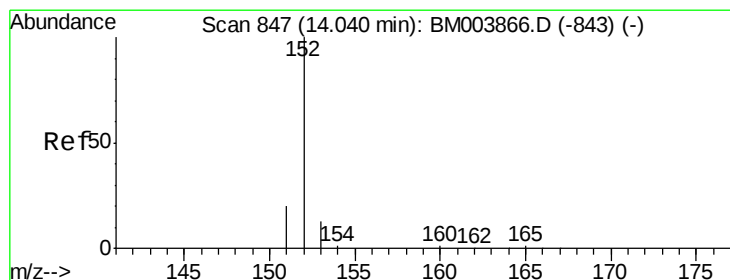
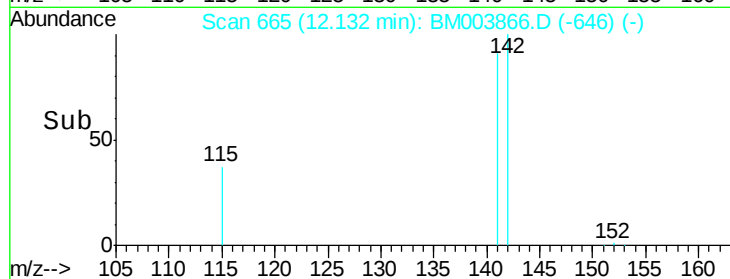
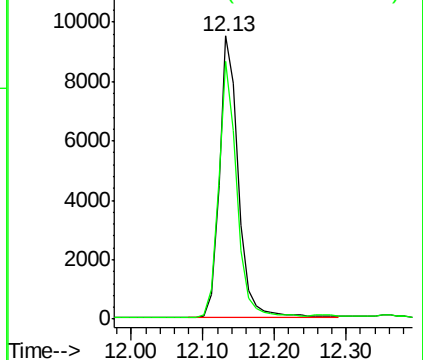
Manual Integrations
APPROVED

Sohil
12/30/2015 3:51:05 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

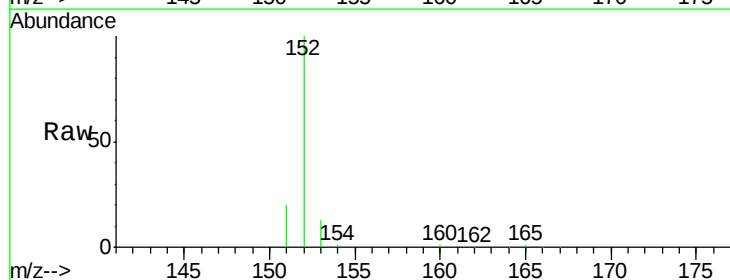
Tgt Ion:152 Resp: 22118

Ion Ratio Lower Upper

152 100

151 19.9 17.6 26.4

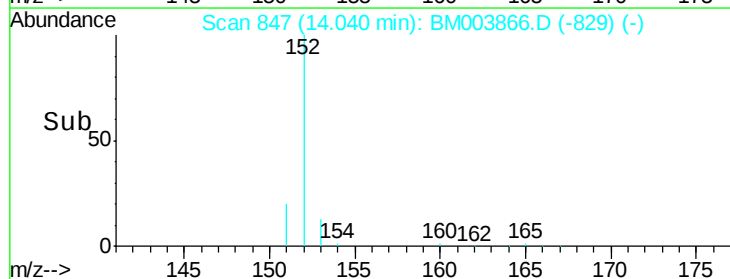
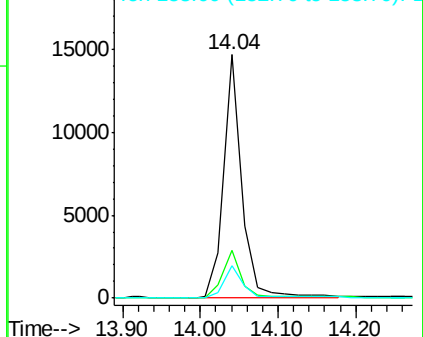
153 13.2 9.7 14.5

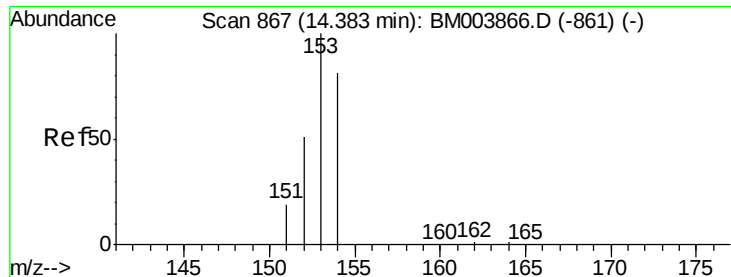


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.45 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Instrument :

BNA_M

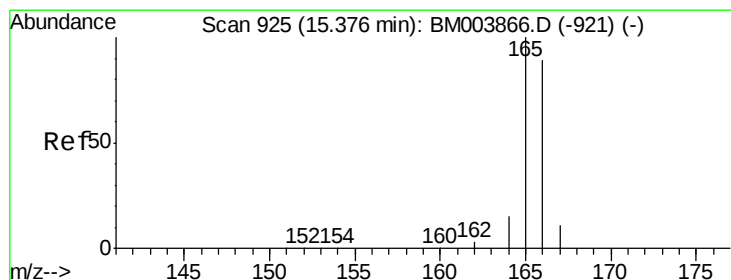
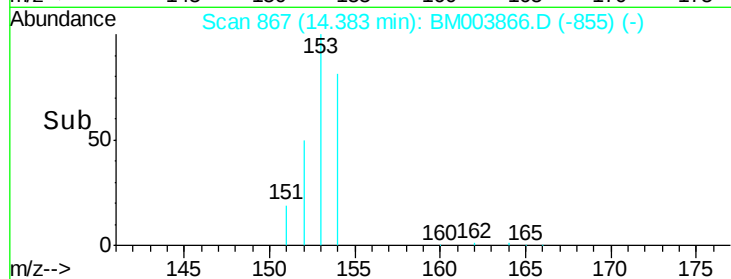
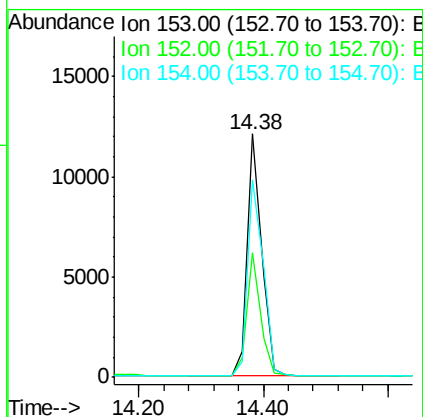
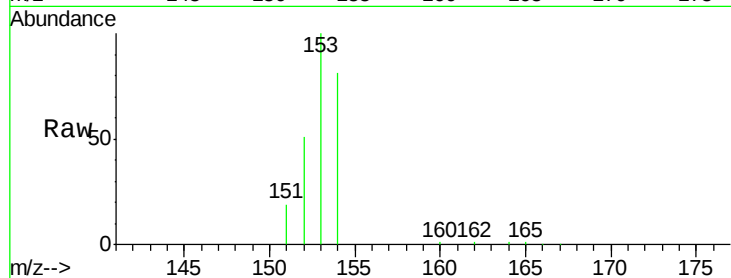
ClientSampleId :

SSTD0.435

Tot Ion:	153	Resp:	19399
Ion Ratio	Lower	Upper	
153	100		
152	51.2	33.9	50.9#
154	81.3	80.6	121.0

Manual Integrations
APPROVED

Sohil
12/30/2015 3:51:05 PM



#11

Fluorene

Concen: 0.45 ng/ul

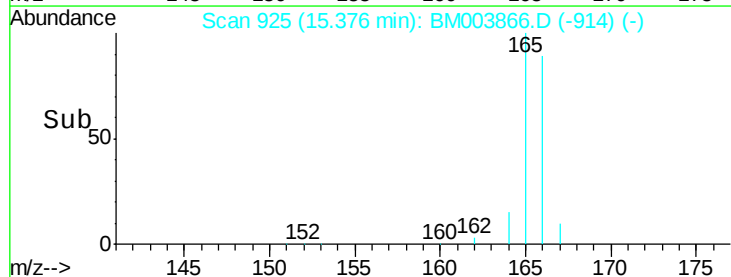
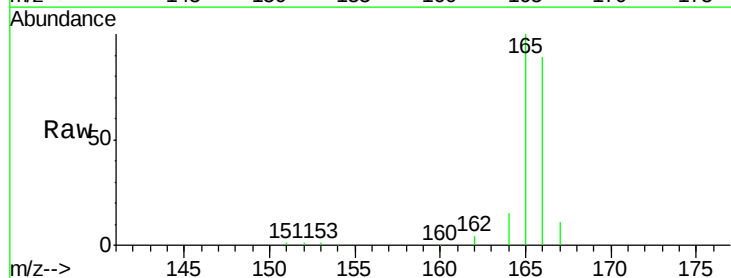
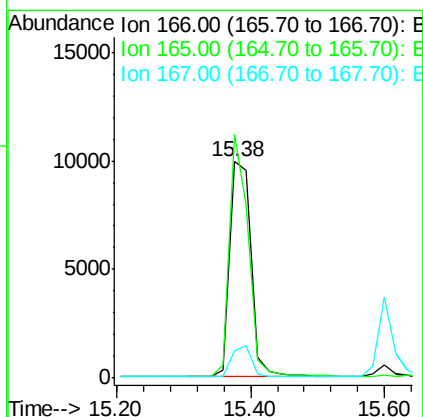
RT: 15.38 min Scan# 925

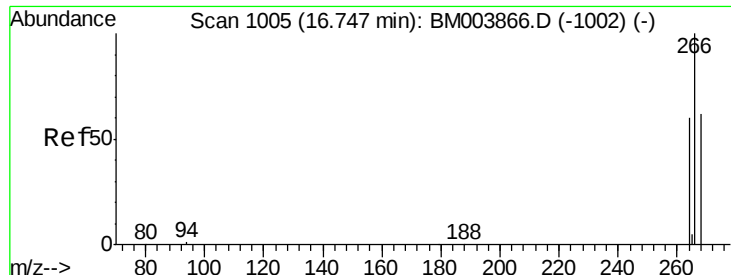
Delta R.T. -0.02 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Tgt Ion:	166	Resp:	21924
Ion Ratio	Lower	Upper	
166	100		
165	112.7	69.6	104.4#
167	12.3	11.9	17.9





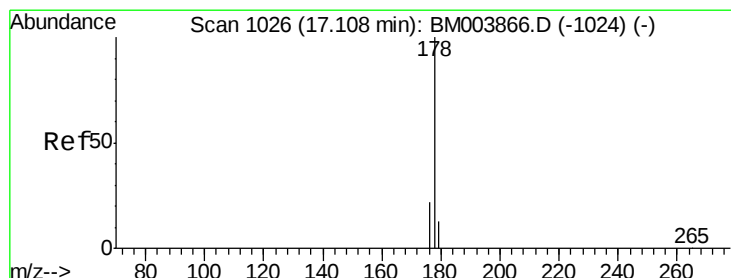
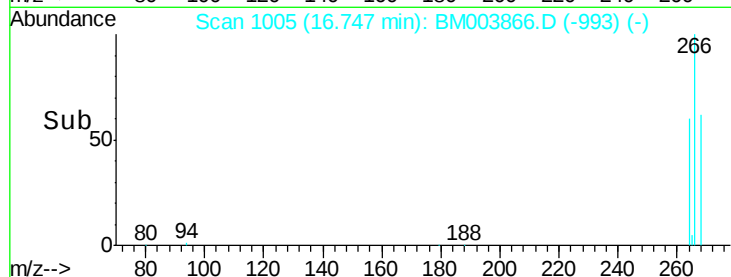
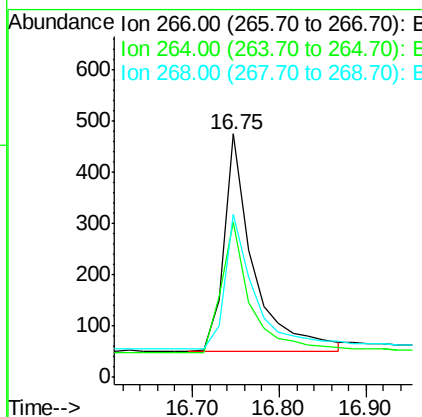
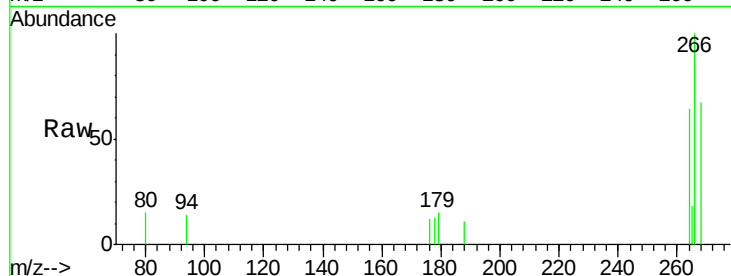
#13
 Pentachlorophenol
 Concen: 0.21 ng/ul
 RT: 16.75 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BM003866.D
 Acq: 30 Dec 2015 01:19

Instrument :
 BNA_M
 ClientSampleId :
 SST00.435

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.8	77.8
268	64.7	46.8	70.2

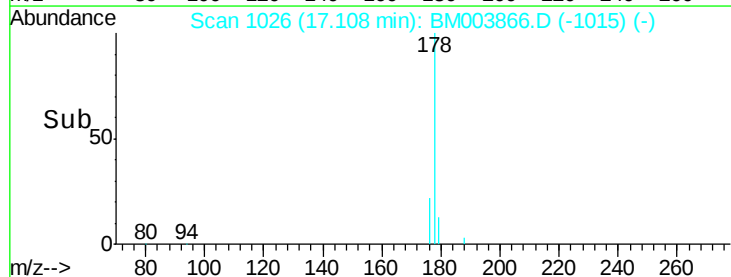
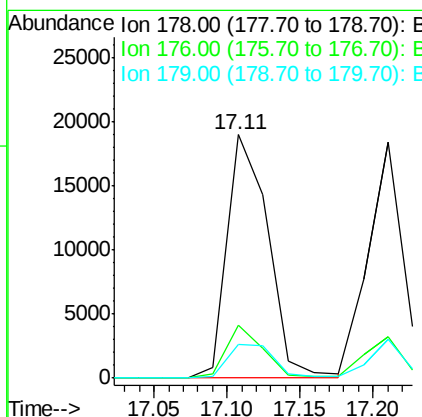
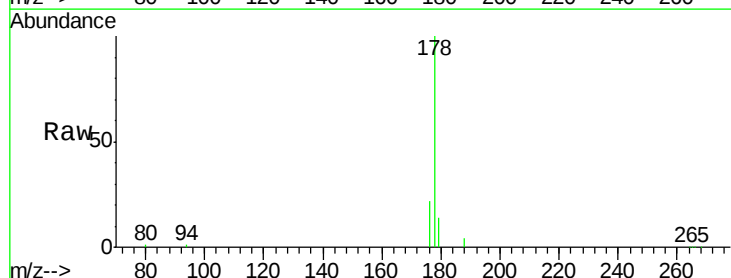
Manual Integrations
 APPROVED

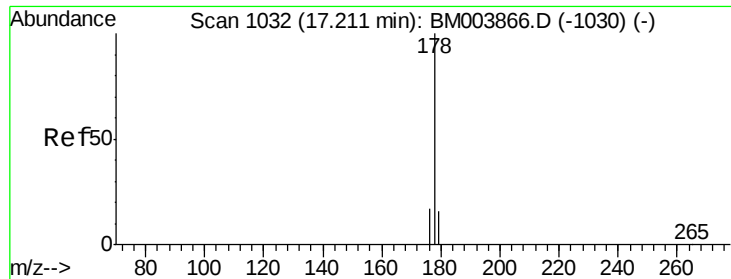
Sohil
 12/30/2015 3:51:05 PM



#14
 Phenanthrene
 Concen: 0.44 ng/ul m
 RT: 17.11 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM003866.D
 Acq: 30 Dec 2015 01:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	13.7	14.2	21.2#





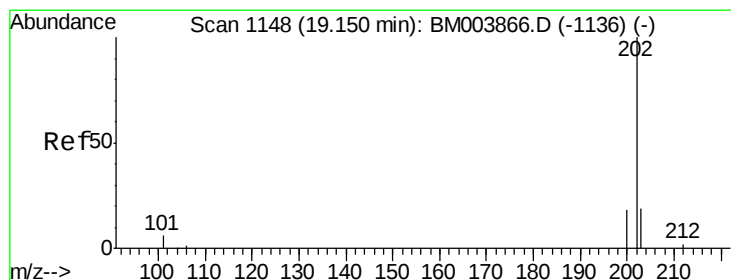
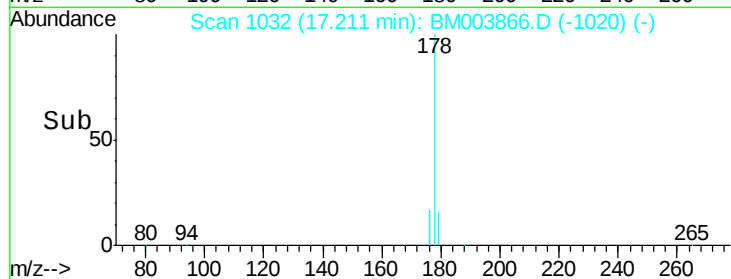
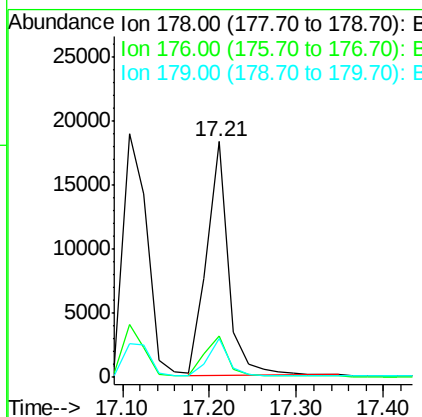
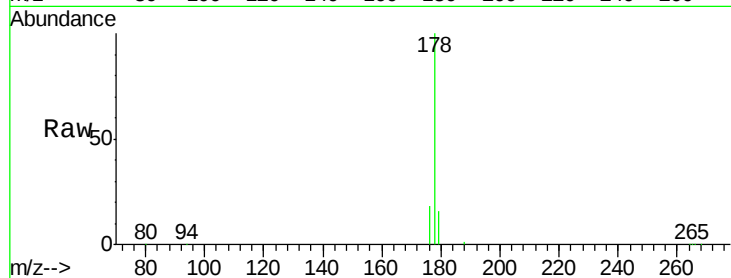
#15
 Anthracene
 Concen: 0.44 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM003866.D
 Acq: 30 Dec 2015 01:19

Instrument :
 BNA_M
 ClientSampleId :
 SST0.435

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.0	21.0
179	16.4	12.9	19.3

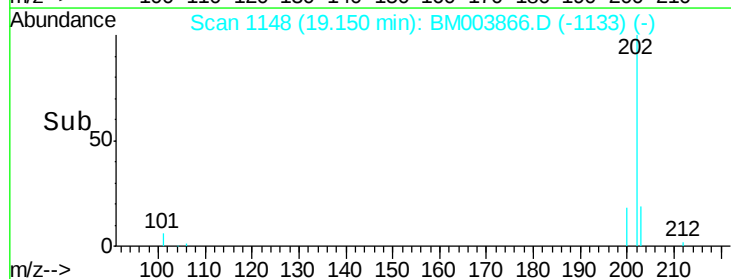
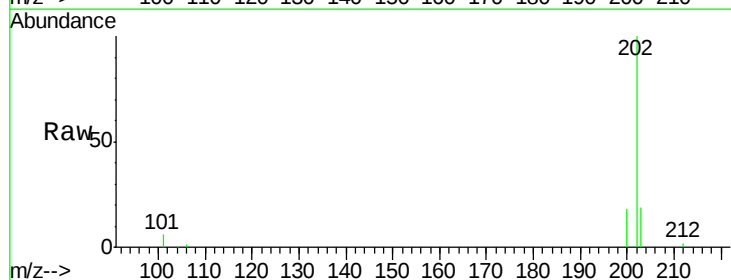
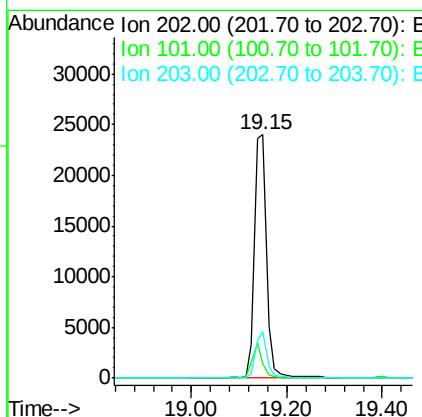
Manual Integrations
 APPROVED

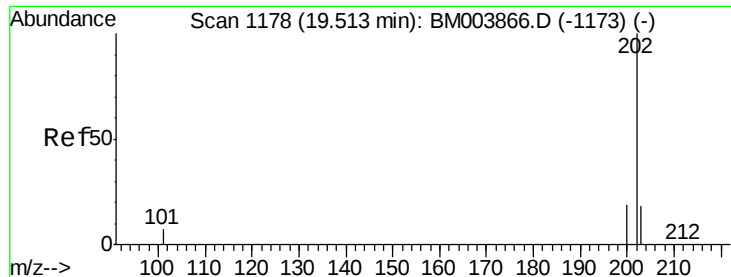
Sohil
 12/30/2015 3:51:05 PM



#17
 Fluoranthene
 Concen: 0.49 ng/ul
 RT: 19.15 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM003866.D
 Acq: 30 Dec 2015 01:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	29.6
203	19.1	0.0	36.3





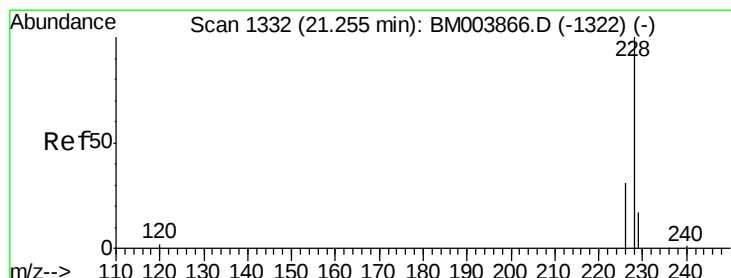
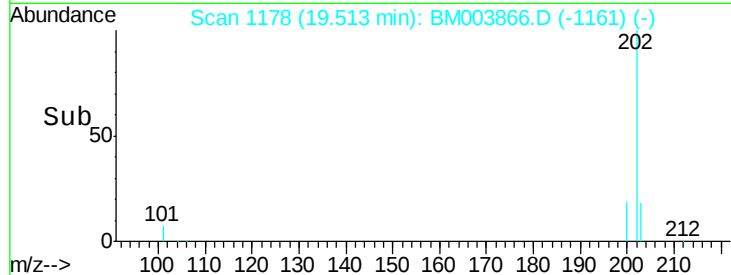
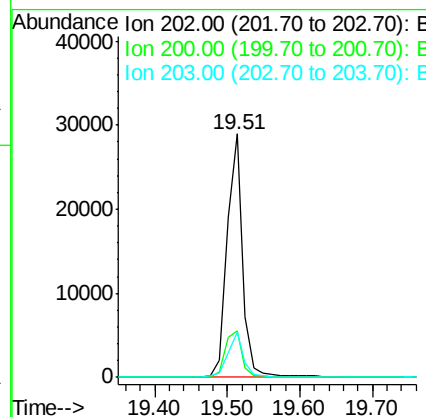
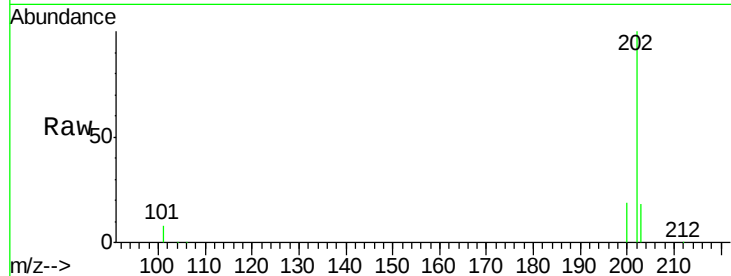
#19
Pvrene
Concen: 0.54 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.8	26.8
203	18.4	12.8	19.2

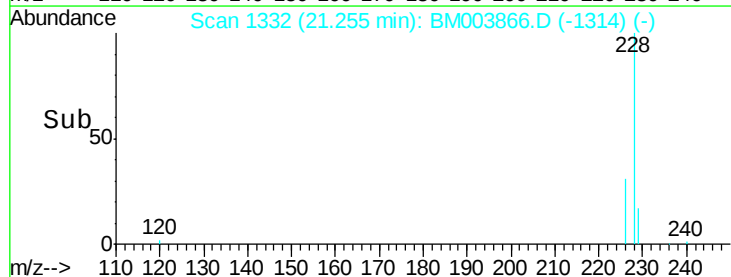
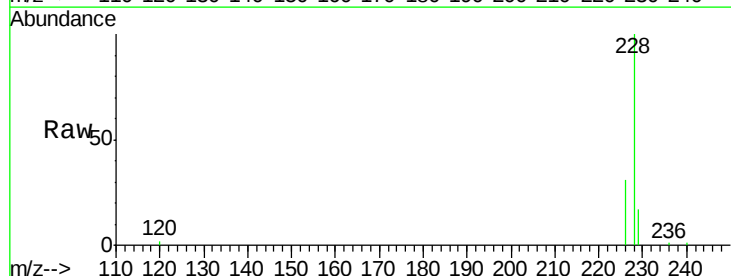
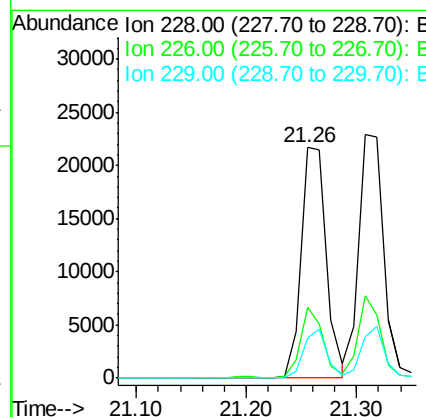
Manual Integrations
APPROVED

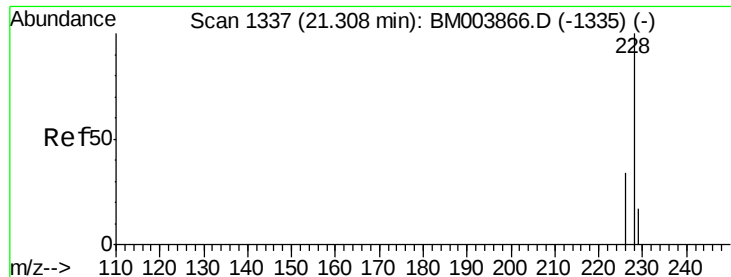
Sohil
12/30/2015 3:51:05 PM



#20
Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	18.8	28.2#
229	17.3	17.1	25.7





#21

Chrysene

Concen: 0.46 ng/ul m

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.435

Tot Ion:228 Resp: 37688

Ion Ratio Lower Upper

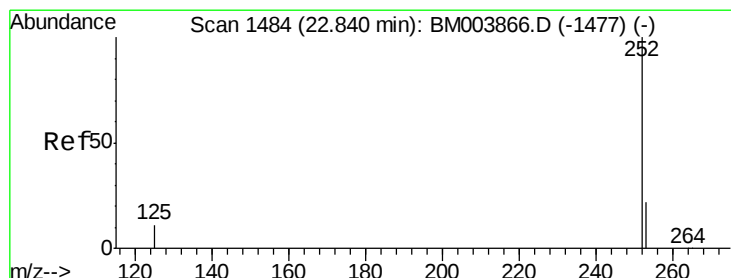
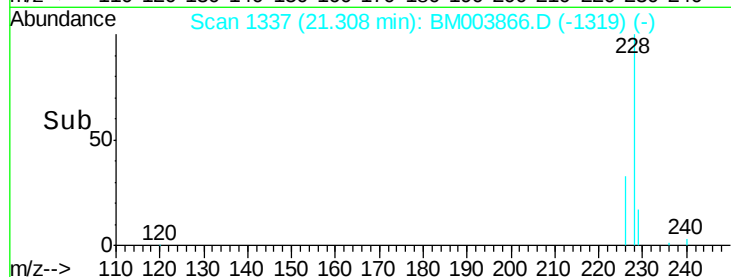
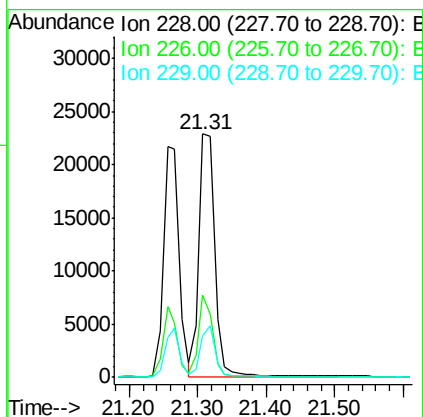
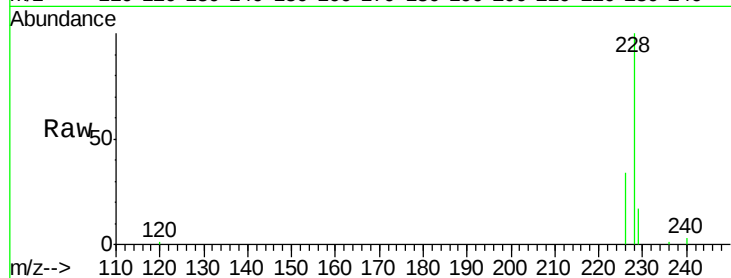
228 100

226 33.6 21.2 31.8#

229 17.3 17.0 25.6

Manual Integrations
APPROVED

Sohil
12/30/2015 3:51:05 PM



#23

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

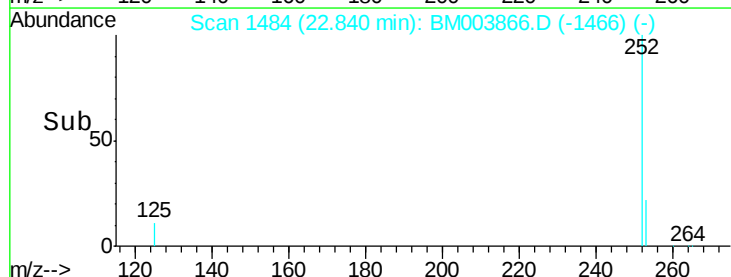
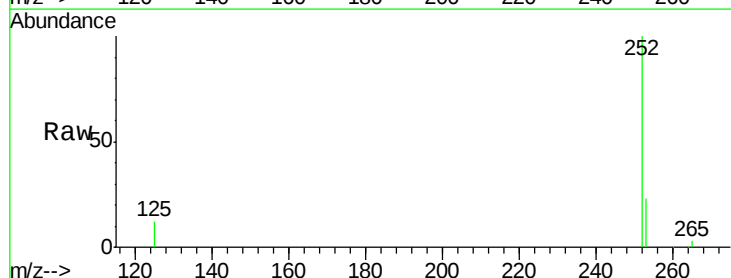
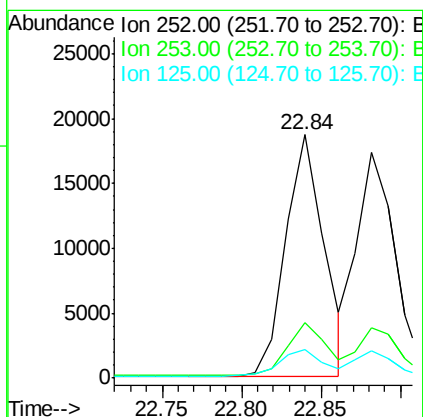
Tgt Ion:252 Resp: 31237

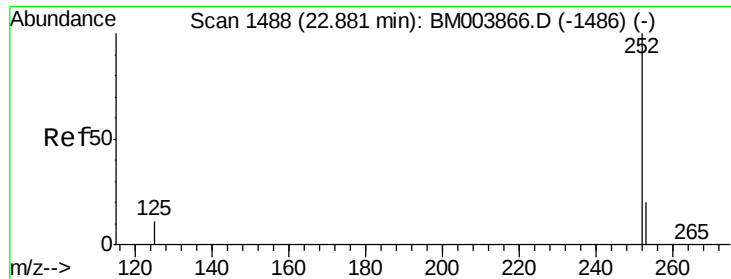
Ion Ratio Lower Upper

252 100

253 22.8 0.0 45.4

125 11.8 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 0.43 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Instrument :

BNA_M

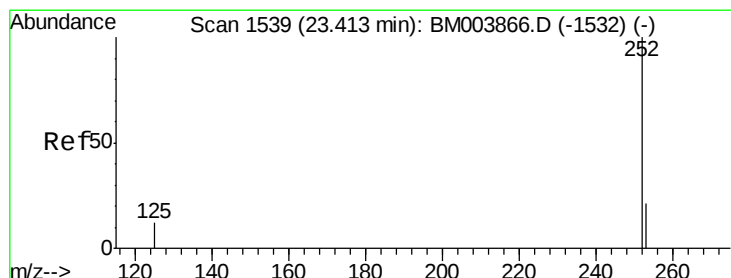
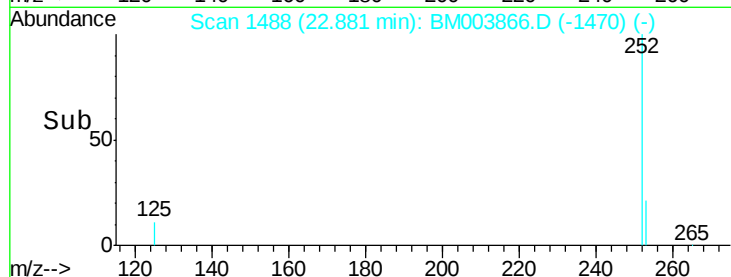
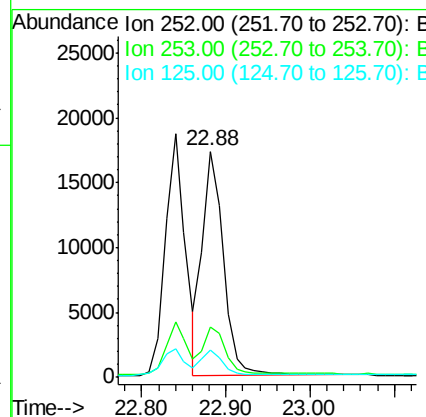
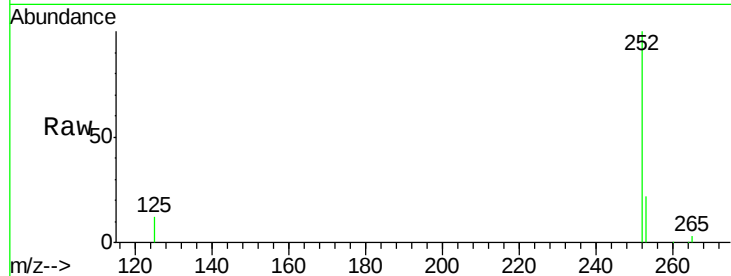
ClientSampleId :

SSTD0.435

Tot Ion:	252	Resp:	29567
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.8	29.8
125	12.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/30/2015 3:51:05 PM



#25

Benzo(a)pyrene

Concen: 0.44 ng/ul

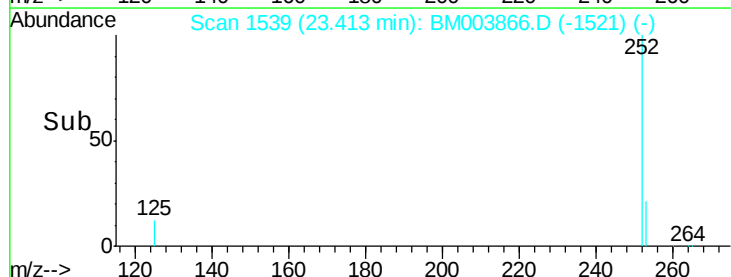
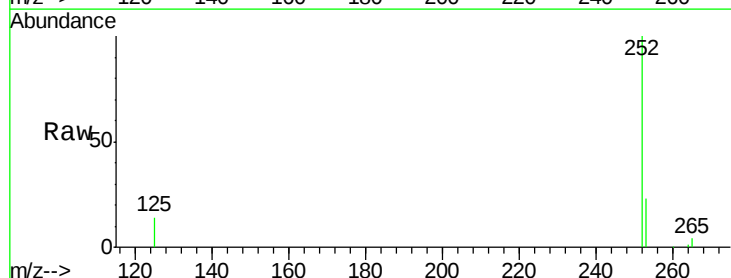
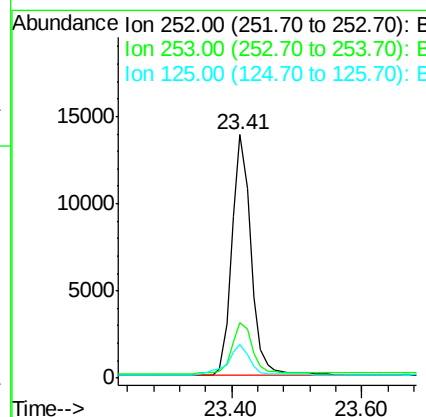
RT: 23.41 min Scan# 1539

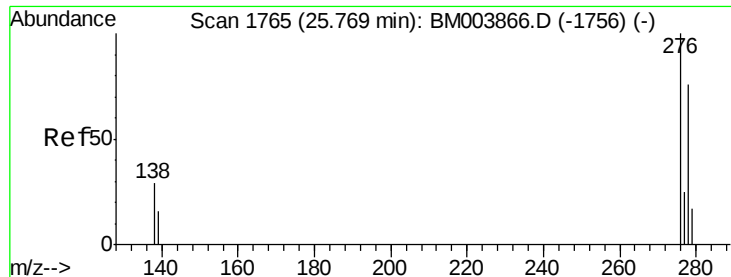
Delta R.T. -0.01 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Tgt Ion:	252	Resp:	28287
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.4	29.2
125	13.7	12.7	19.1





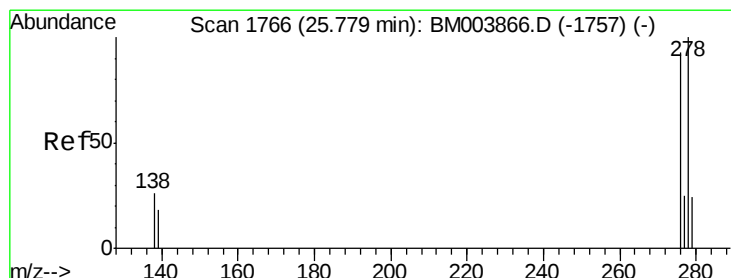
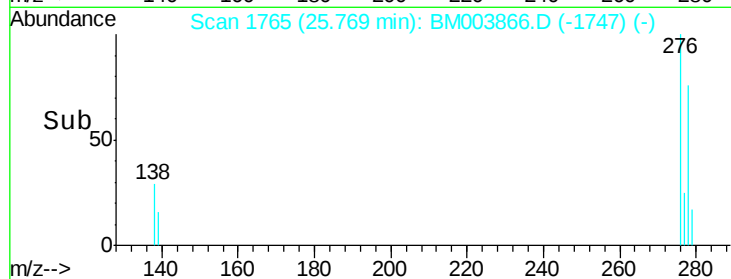
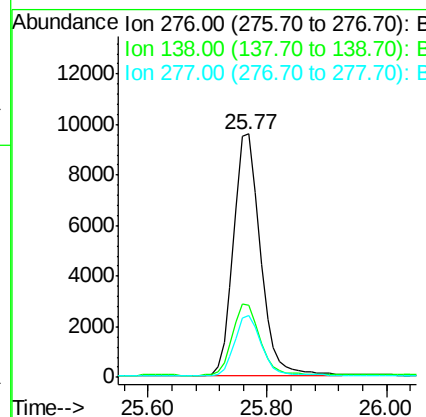
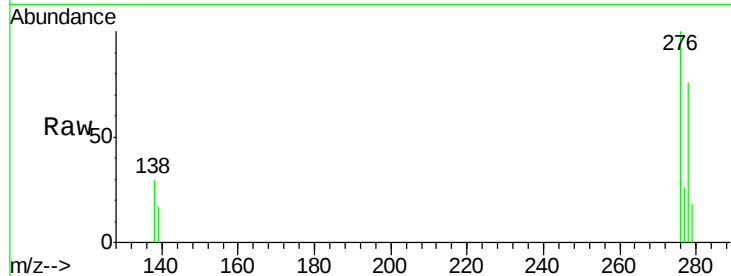
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 25.77 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.435

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	16.3	24.5#
277	24.8	19.8	29.8

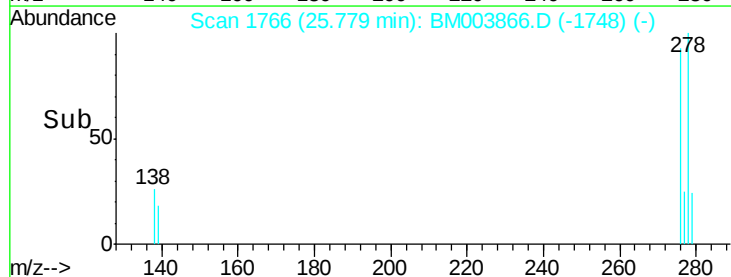
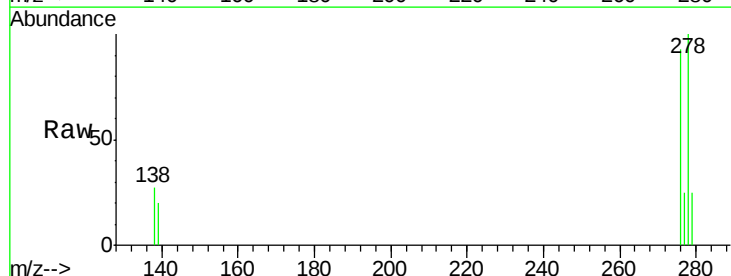
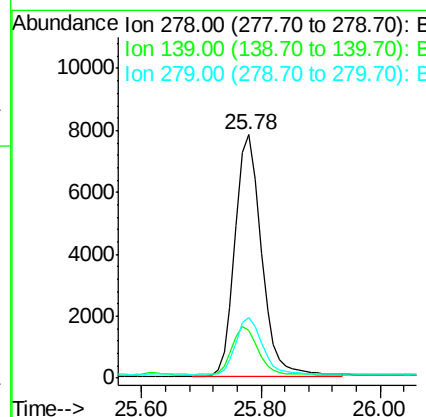
Manual Integrations
APPROVED

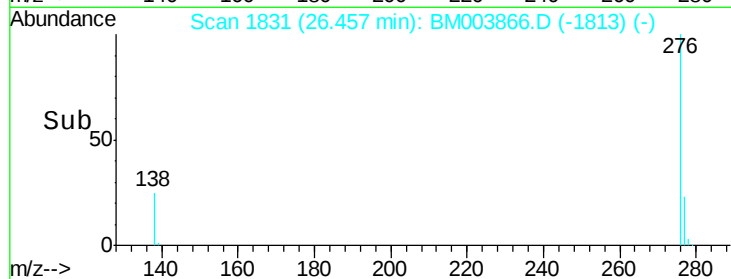
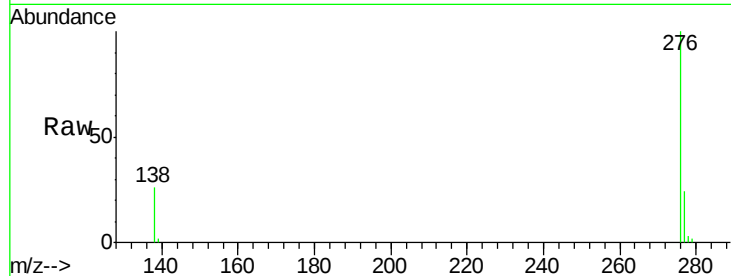
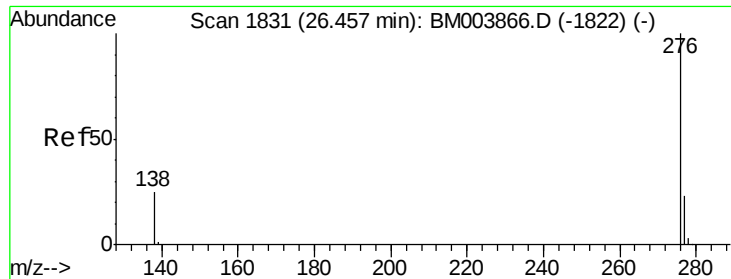
Sohil
12/30/2015 3:51:05 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM003866.D
Acq: 30 Dec 2015 01:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.4	24.6
279	25.0	20.2	30.2





#28

Benzo(a,h,i)perylene

Concen: 0.40 ng/ul

RT: 26.46 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM003866.D

Acq: 30 Dec 2015 01:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.435

Tot Ion:	276	Resp:	26031
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	25.9	22.5	33.7

Manual Integrations
APPROVED

Sohil
12/30/2015 3:51:05 PM

