

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004786.D
 Acq On : 25 Mar 2016 20:19
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:52 PM

Quant Time: Apr 11 11:55:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	989	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4832	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2954	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6795	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6958	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6843	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	8	0.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2245	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5982	0.37	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	2767	0.24	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	1170	0.14	ng/ul	99
9) Acenaphthylene	14.18	152	3682	0.27	ng/ul#	95
10) Acenaphthene	14.52	153	8726	0.91	ng/ul	89
11) Fluorene	15.51	166	6713	0.58	ng/ul	92
14) Phenanthrene	17.24	178	110597	5.79	ng/ul	97
15) Anthracene	17.33	178	30251	1.68	ng/ul	97
17) Fluoranthene	19.27	202	192178	8.84	ng/ul	96
19) Pyrene	19.63	202	183597	7.71	ng/ul	95
20) Benzo(a)anthracene	21.38	228	91568	4.28	ng/ul	96
21) Chrysene	21.42	228	78225m	3.79	ng/ul	
23) Benzo(b)fluoranthene	22.99	252	88251m	3.83	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	38478m	1.80	ng/ul	
25) Benzo(a)pyrene	23.58	252	66638	3.16	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	26.01	276	34116	1.75	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.02	278	8286	0.54	ng/ul#	85
28) Benzo(g,h,i)perylene	26.71	276	29749	1.84	ng/ul	94

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

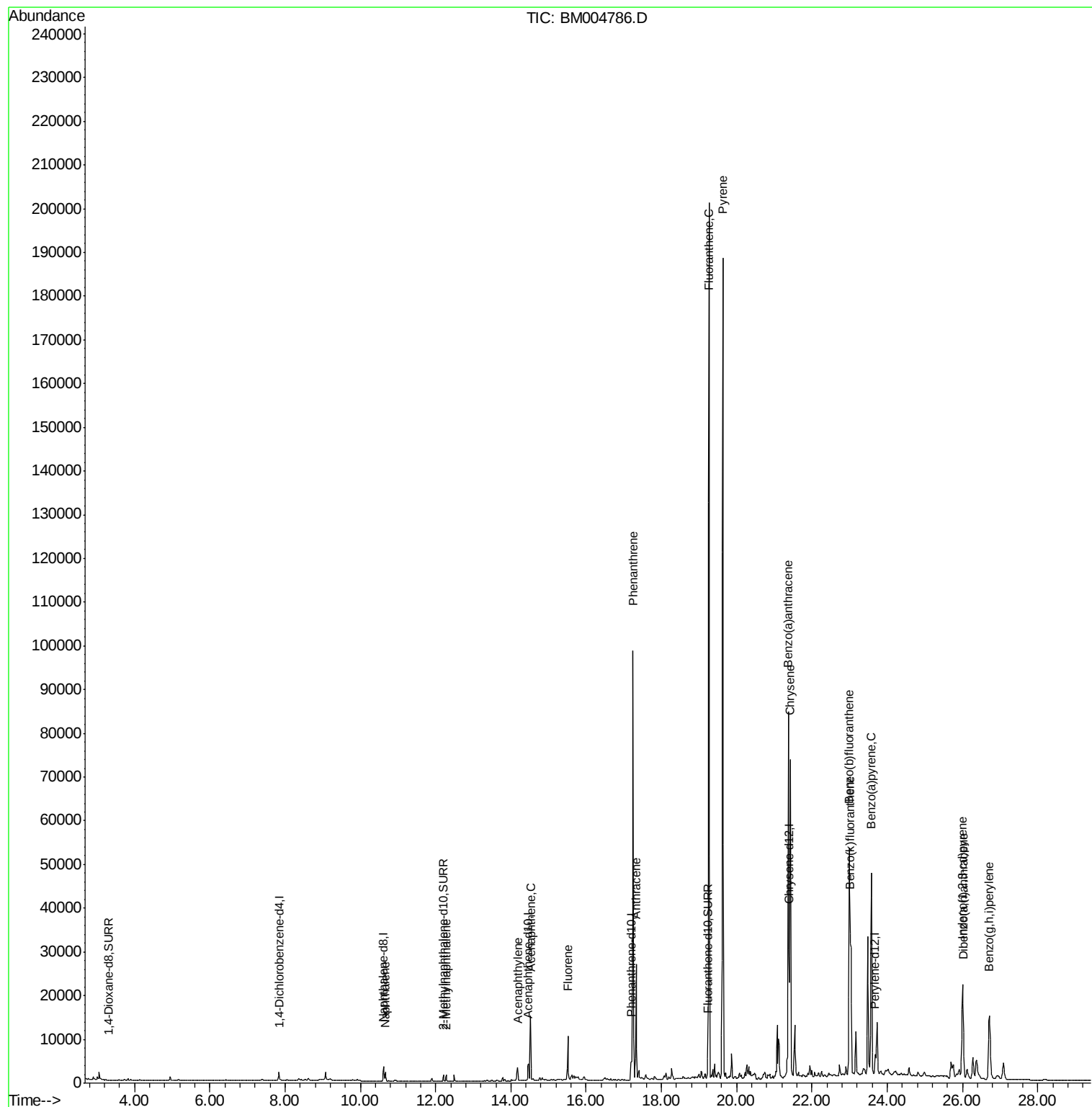
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004786.D
Acq On : 25 Mar 2016 20:19
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

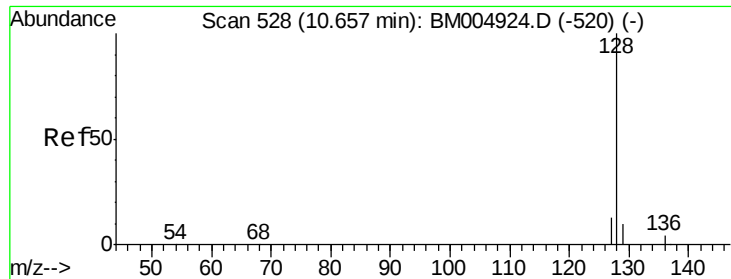
Instrument :
BNA_M
ClientSampleId :
A4T45MS

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM

Quant Time: Apr 11 11:55:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.24 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

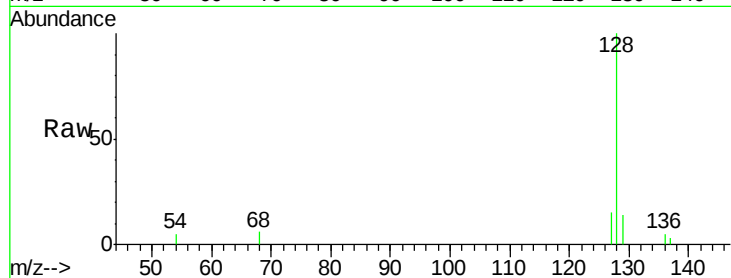
ClientSampleId :

A4T45MS

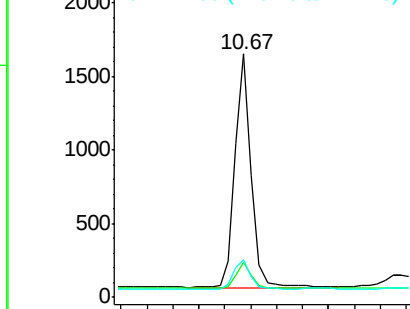
Tgt Ion:	128	Resp:	2767
Ion Ratio	Lower	Upper	
128	100		
129	14.2	9.0	13.6#
127	15.5	9.6	14.4#

Manual Integrations
APPROVED

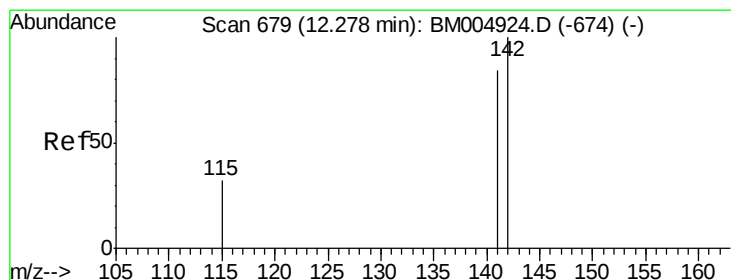
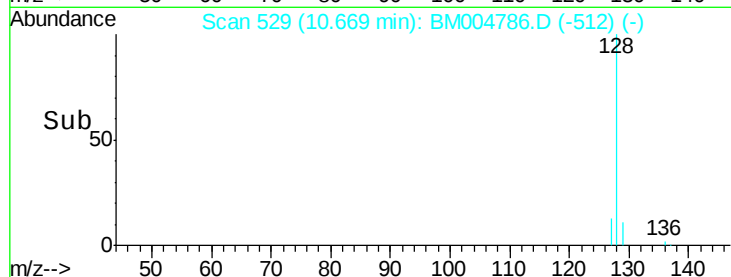
Sohil
4/6/2016 1:28:52 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#7

2-Methylnaphthalene

Concen: 0.14 ng/ul

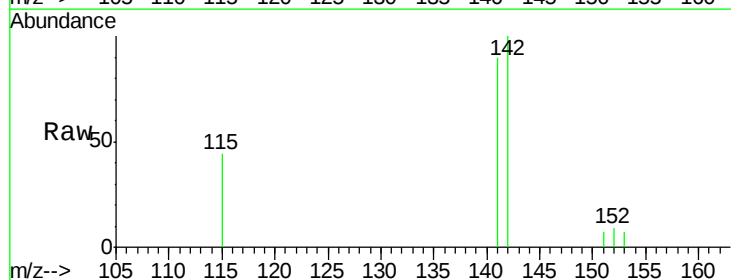
RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

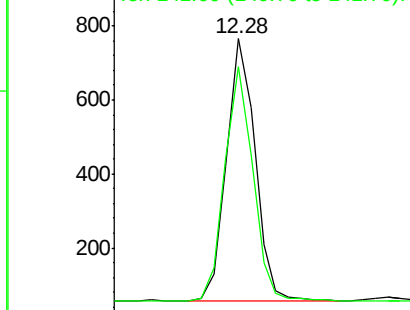
Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

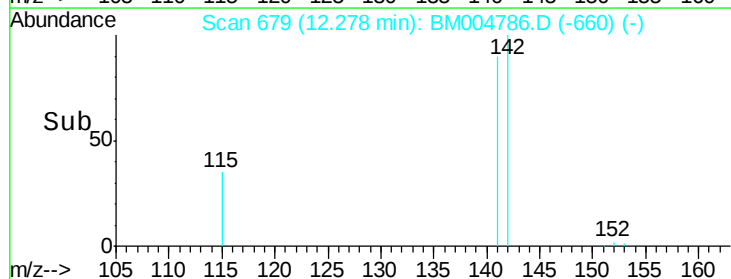
Tgt Ion:	142	Resp:	1170
Ion Ratio	Lower	Upper	
142	100		
141	88.6	70.3	105.5

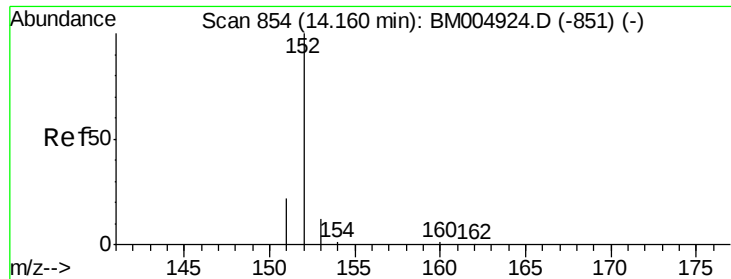


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





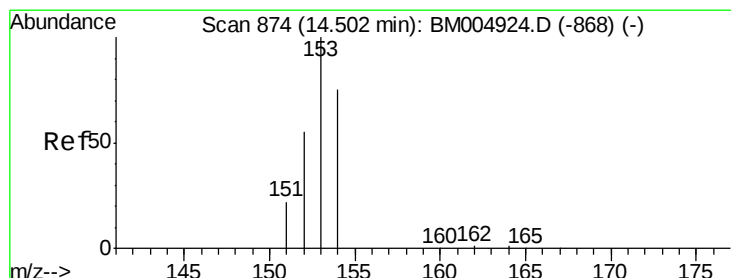
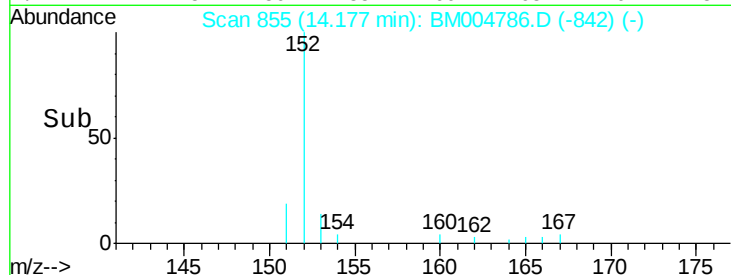
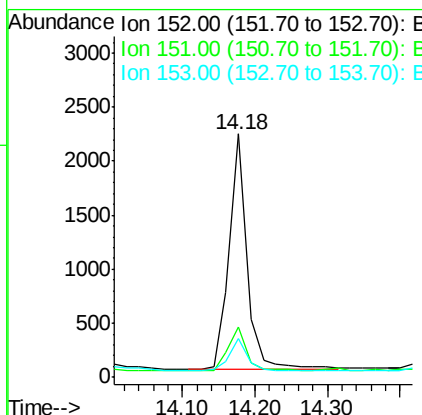
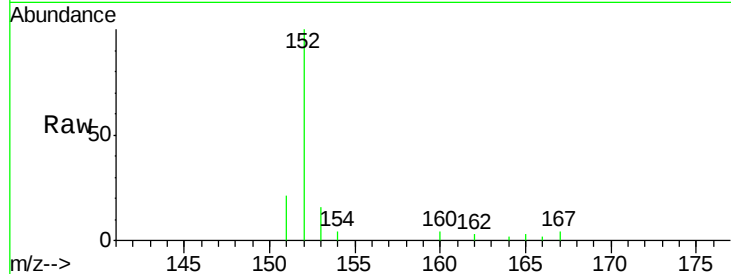
#9
Acenaphthylene
Concen: 0.27 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.6	26.4
153	16.1	9.7	14.5

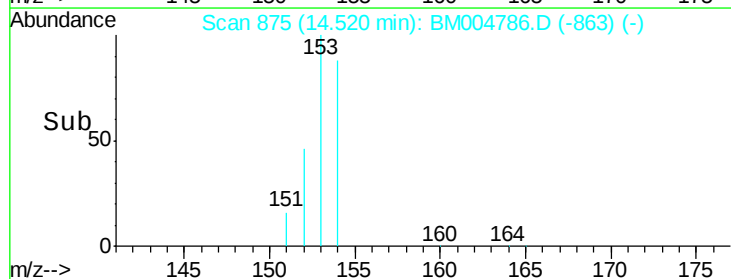
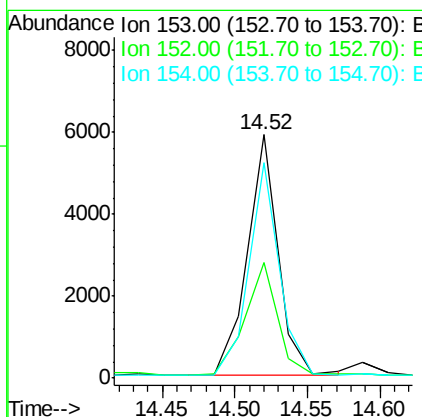
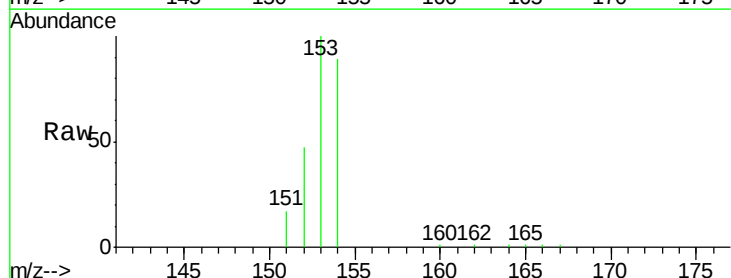
Manual Integrations
APPROVED

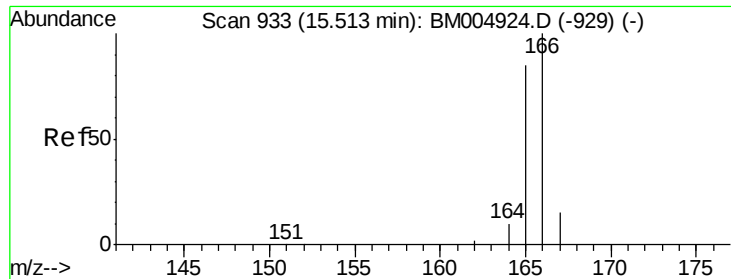
Sohil
4/6/2016 1:28:52 PM



#10
Acenaphthene
Concen: 0.91 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	33.9	50.9
154	88.5	80.6	121.0





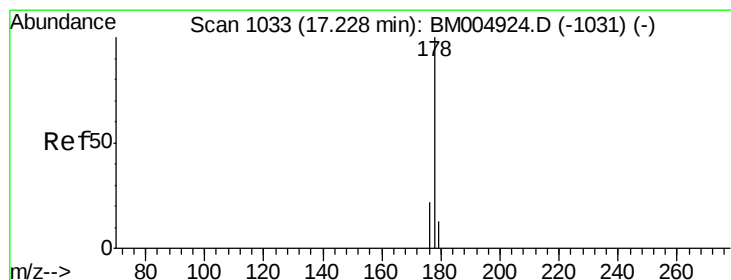
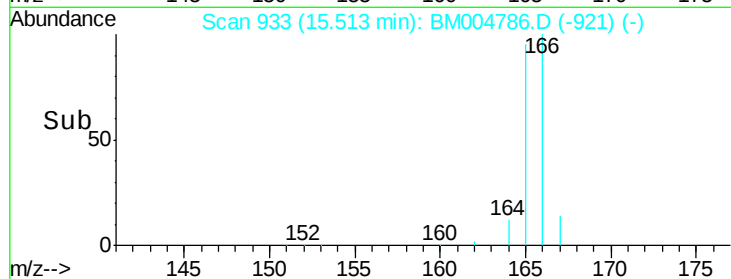
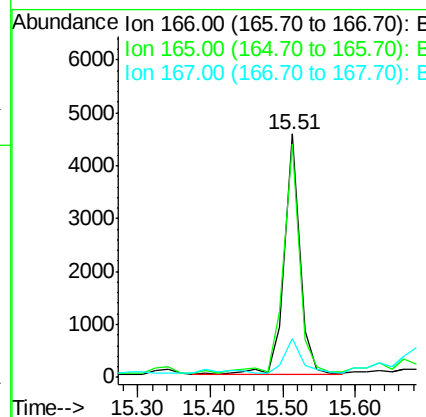
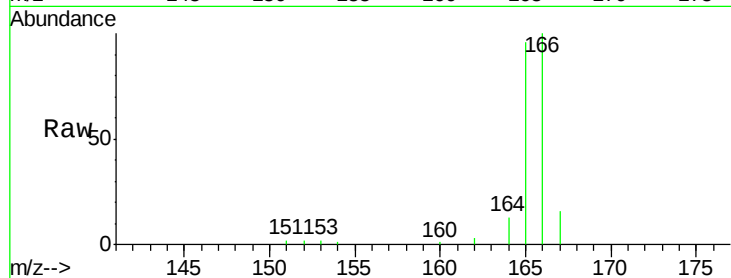
#11
Fluorene
Concen: 0.58 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	69.6	104.4
167	15.7	11.9	17.9

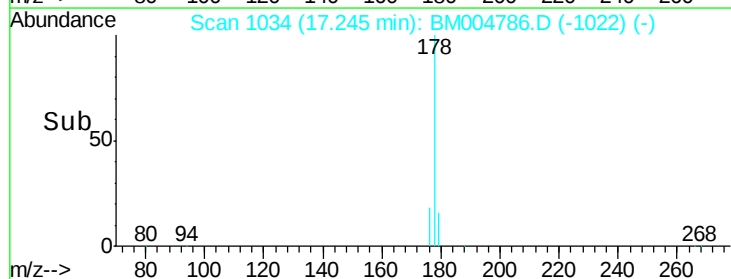
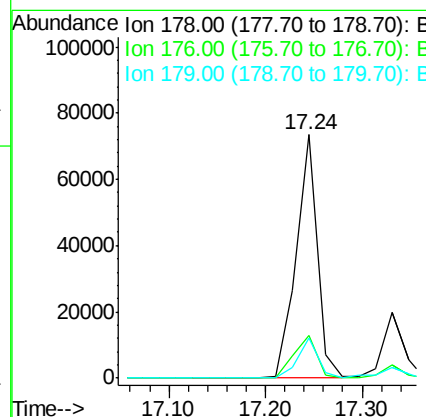
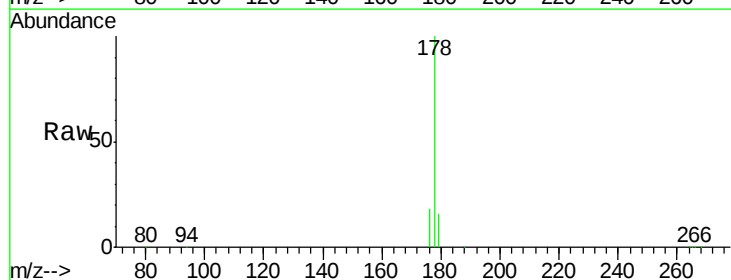
Manual Integrations
APPROVED

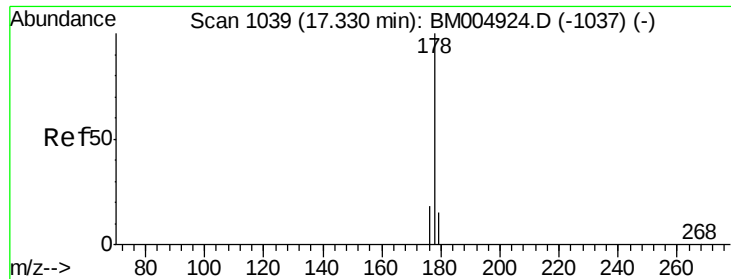
Sohil
4/6/2016 1:28:52 PM



#14
Phenanthrene
Concen: 5.79 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	13.0	19.4
179	16.2	14.2	21.2





#15

Anthracene

Concen: 1.68 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

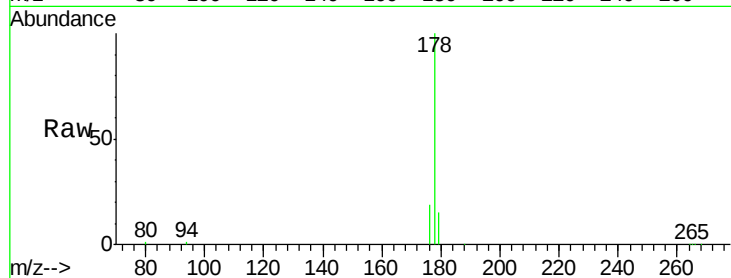
ClientSampleId :

A4T45MS

Tgt Ion:	178	Resp:	30251
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.0	21.0
179	15.3	12.9	19.3

Manual Integrations
APPROVED

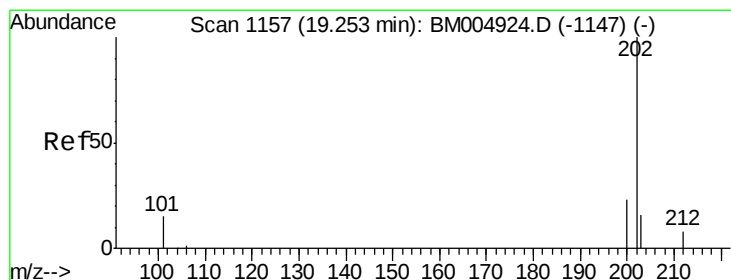
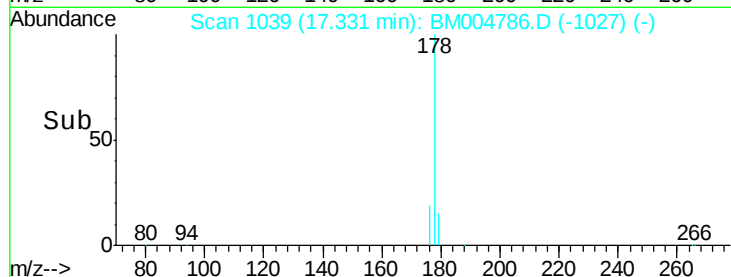
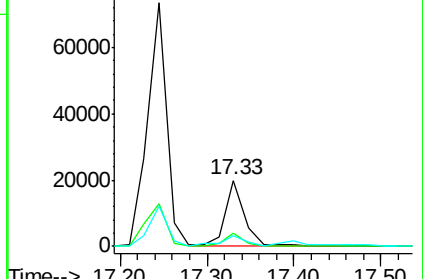
Sohil
4/6/2016 1:28:52 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 8.84 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004786.D

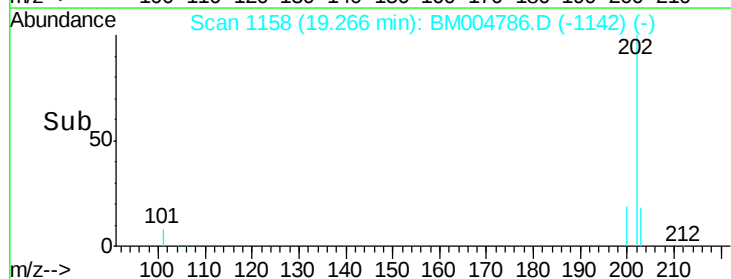
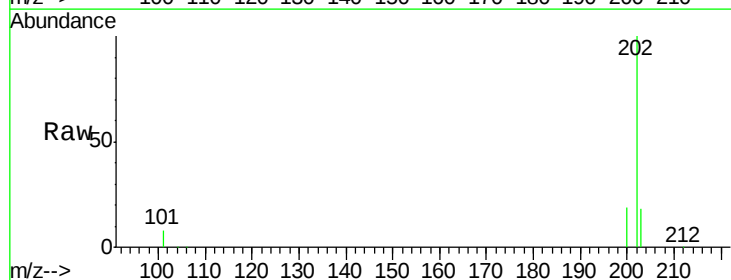
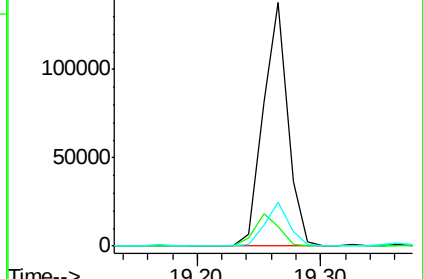
Acq: 25 Mar 2016 20:19

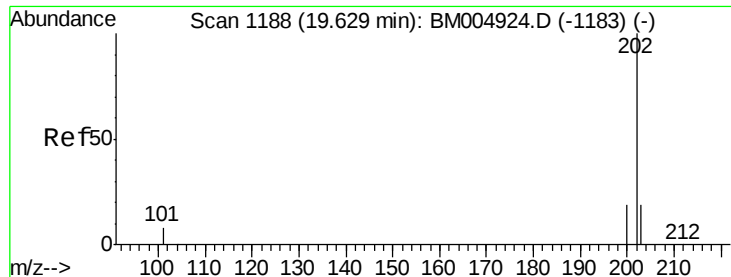
Tgt Ion:	202	Resp:	192178
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.6
203	18.2	0.0	36.3

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 7.71 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

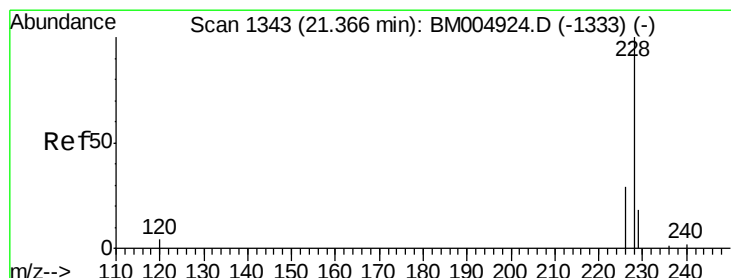
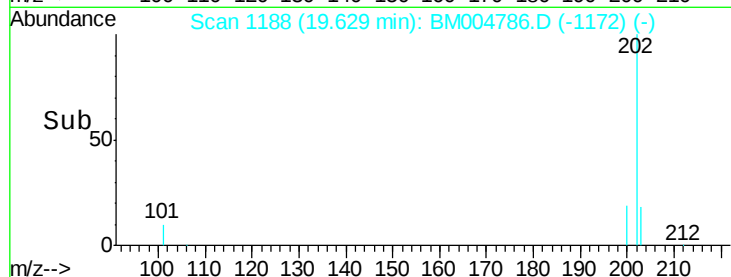
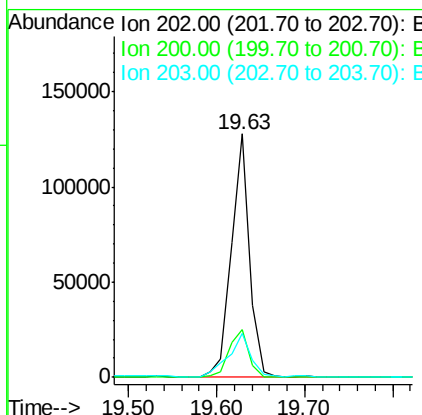
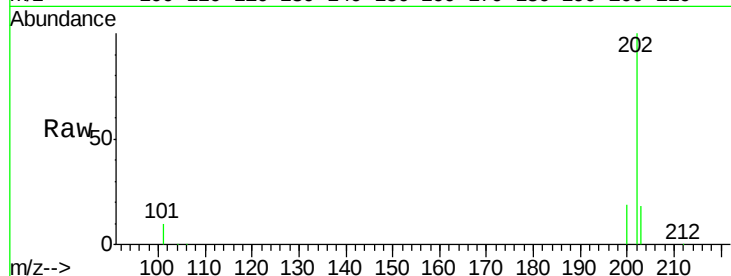
ClientSampleId :

A4T45MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		183597		
200	19.5		17.8	26.8	
203	18.0		12.8	19.2	

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM



#20

Benzo(a)anthracene

Concen: 4.28 ng/ul

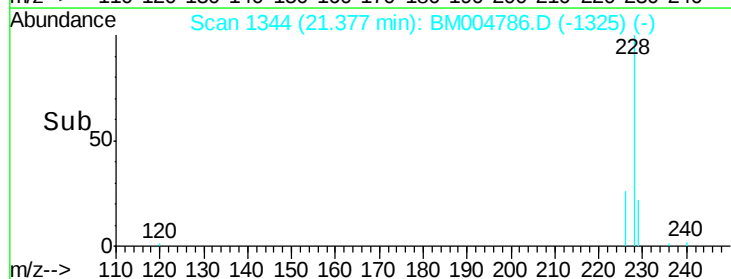
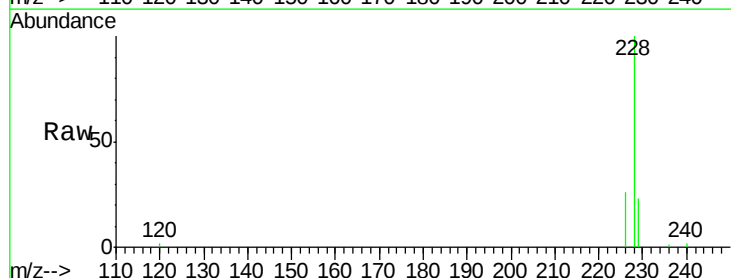
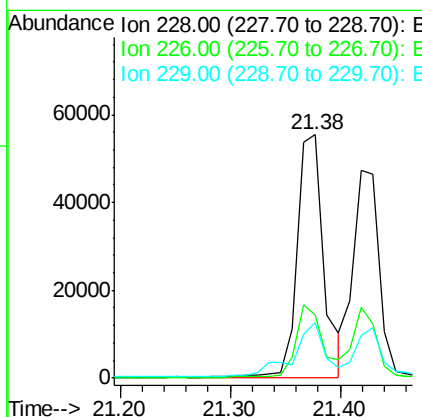
RT: 21.38 min Scan# 1344

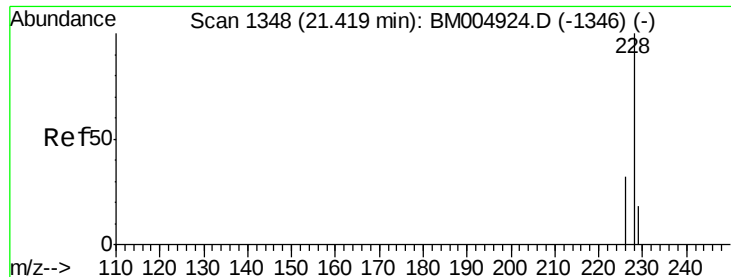
Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		91568		
226	26.2		18.8	28.2	
229	22.6		17.1	25.7	





#21

Chrysene

Concen: 3.79 ng/ul m

RT: 21.42 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

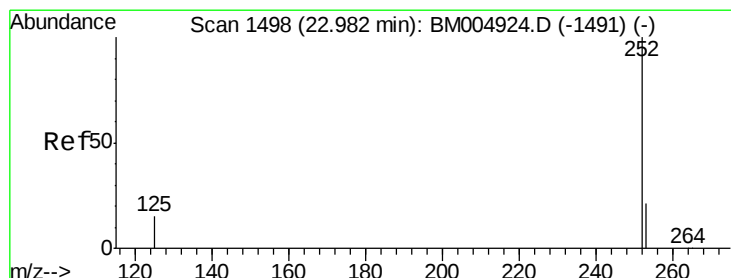
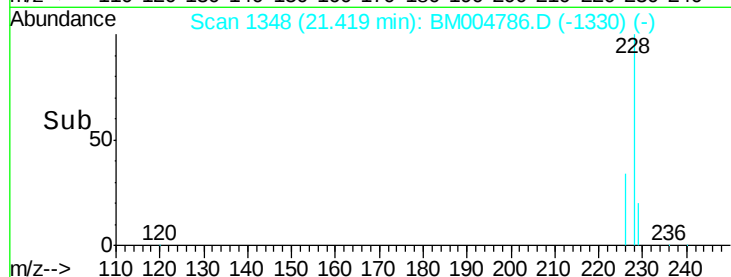
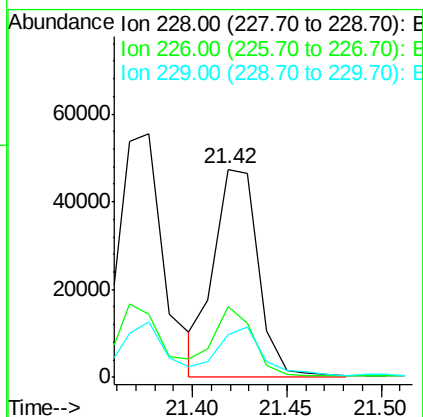
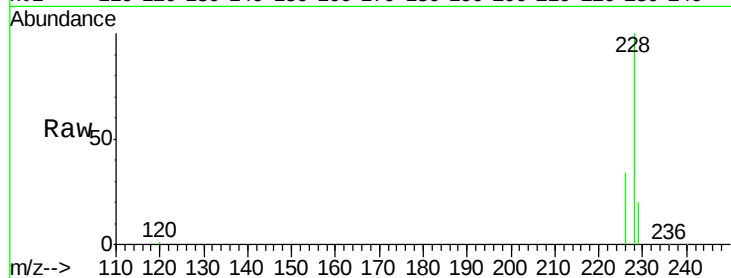
ClientSampleId :

A4T45MS

Tgt Ion:	228	Resp:	78225
Ion Ratio	Lower	Upper	
228	100		
226	34.2	21.2	31.8#
229	20.3	17.0	25.6

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM



#23

Benzo(b)fluoranthene

Concen: 3.83 ng/ul m

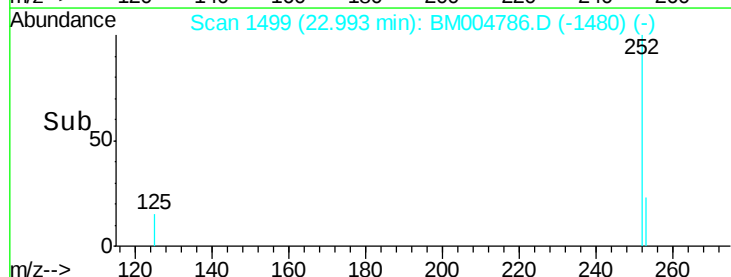
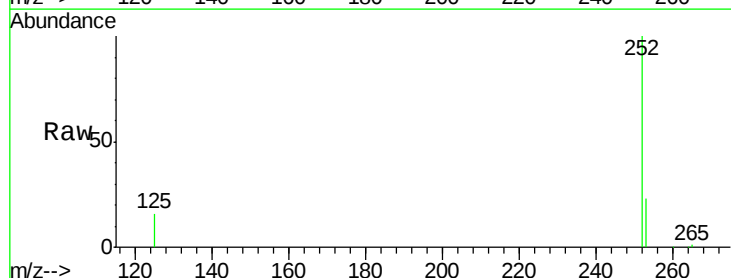
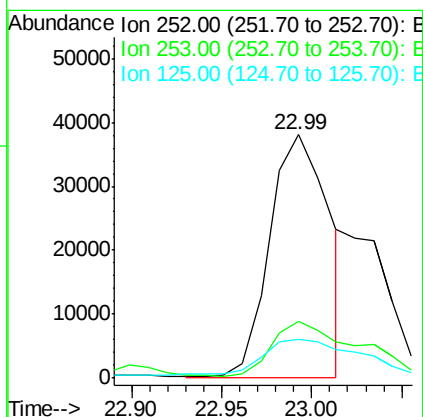
RT: 22.99 min Scan# 1499

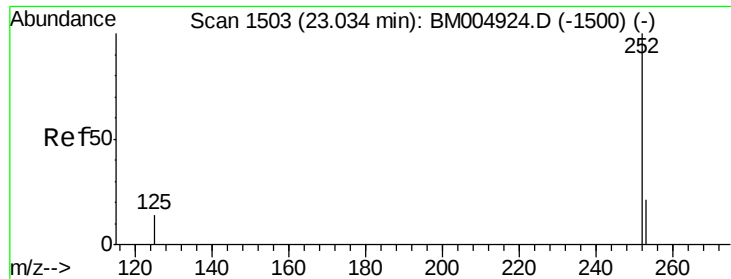
Delta R.T. -0.00 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Tgt Ion:	252	Resp:	88251
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	45.4
125	16.1	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 1.80 ng/ul m

RT: 23.01 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BM004786.D

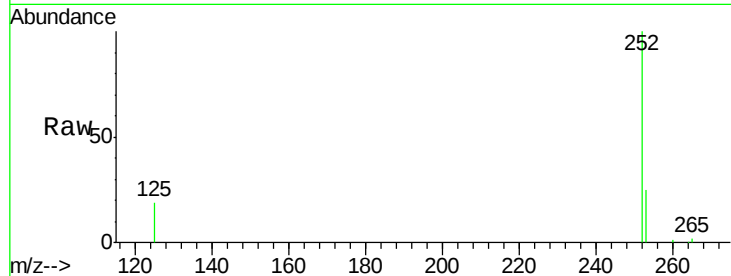
Acq: 25 Mar 2016 20:19

Instrument :

BNA_M

ClientSampleId :

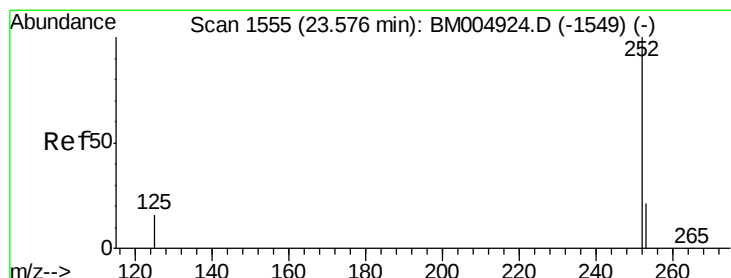
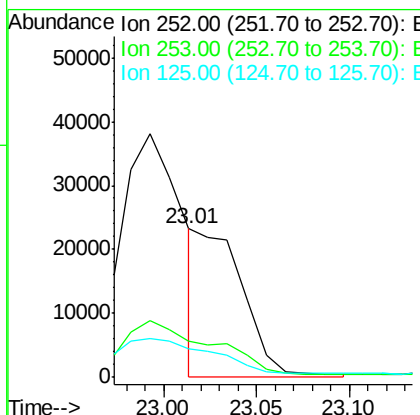
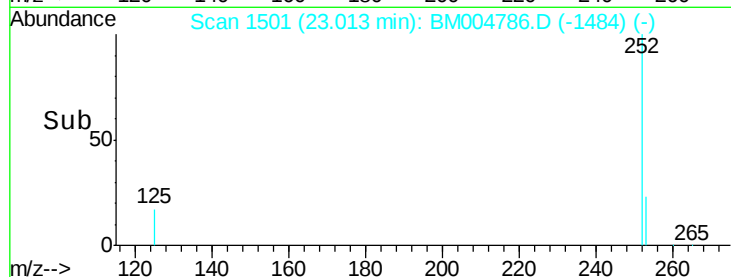
A4T45MS



Tgt Ion:	252	Resp:	38478
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.8	29.8
125	18.9	10.4	15.6#

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM



#25

Benzo(a)pyrene

Concen: 3.16 ng/ul

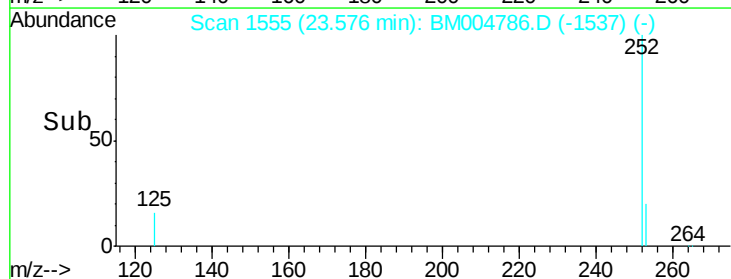
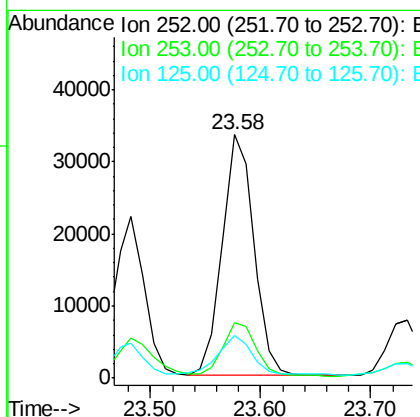
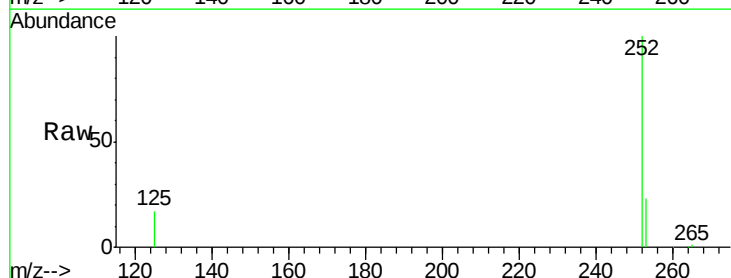
RT: 23.58 min Scan# 1555

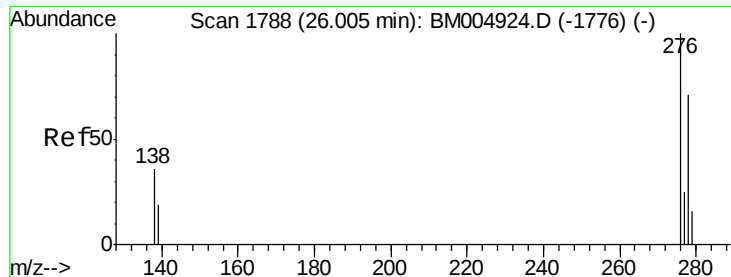
Delta R.T. -0.01 min

Lab File: BM004786.D

Acq: 25 Mar 2016 20:19

Tgt Ion:	252	Resp:	66638
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.4	29.2
125	17.3	12.7	19.1





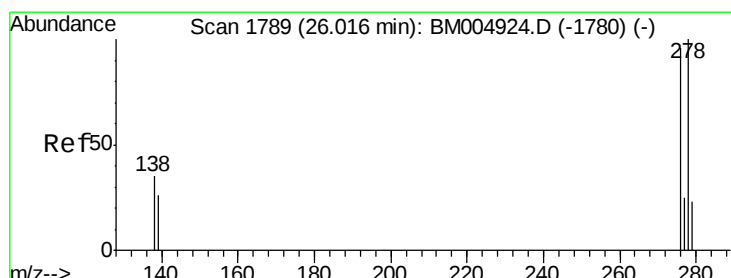
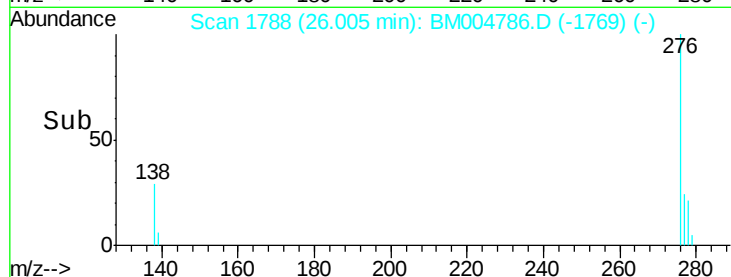
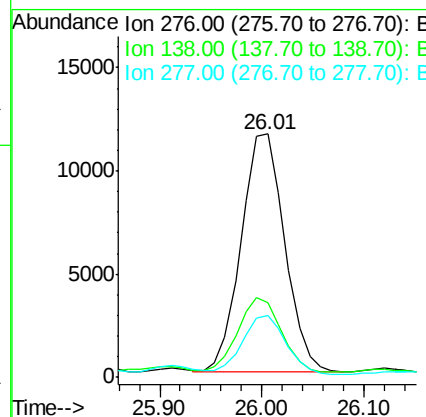
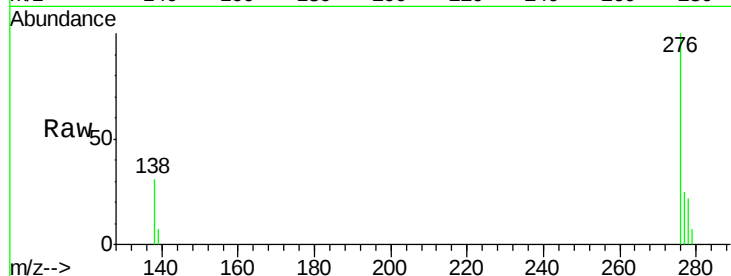
#26
Indeno(1,2,3-cd)pyrene
Concen: 1.75 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	16.3	24.5#
277	24.5	19.8	29.8

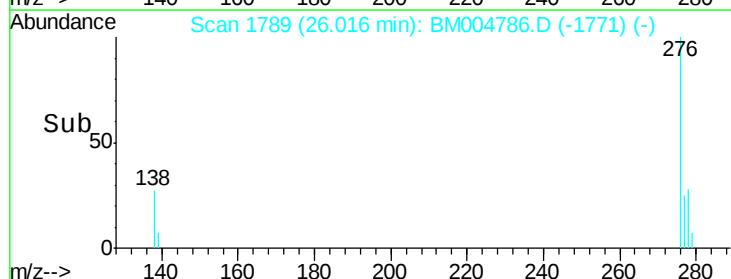
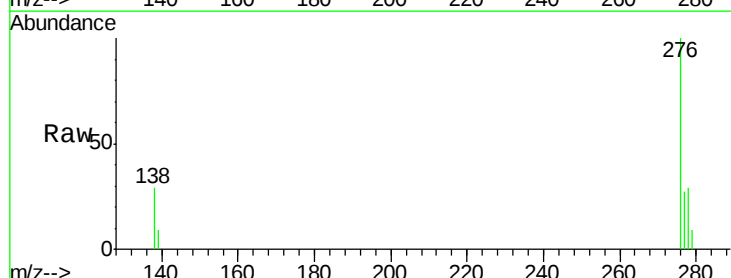
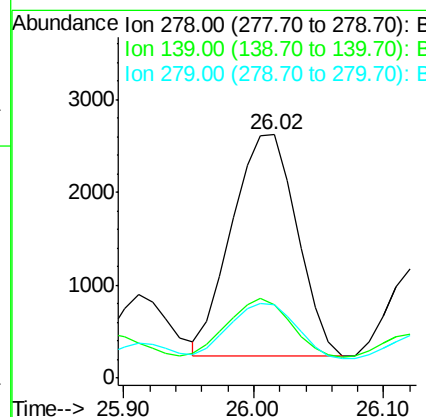
Manual Integrations
APPROVED

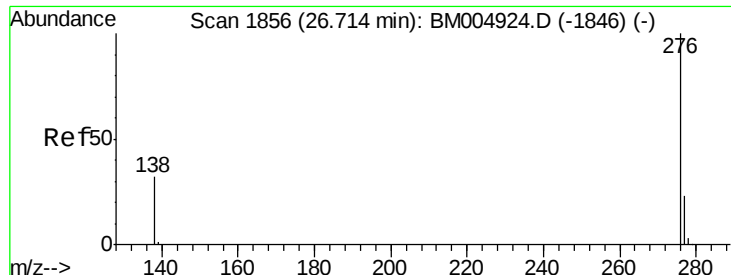
Sohil
4/6/2016 1:28:52 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.54 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004786.D
Acq: 25 Mar 2016 20:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.3	16.4	24.6#
279	30.0	20.2	30.2





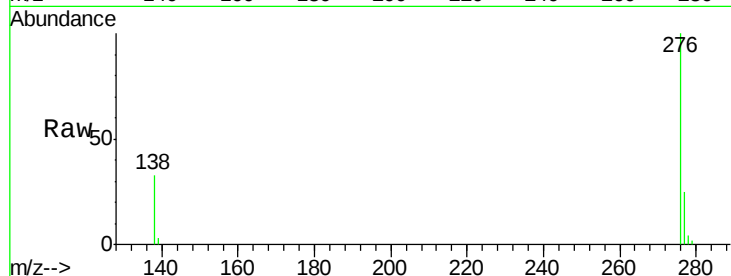
#28
 Benzo(g,h,i)perylene
 Concen: 1.84 ng/ul
 RT: 26.71 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM004786.D
 Acq: 25 Mar 2016 20:19

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Tgt Ion:	276	Resp:	29749
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.9	28.3
138	32.9	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:52 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

