

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
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Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 11 11:55:52 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	1236	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5712	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3346	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7501	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7624	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	6629	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.40	96	8	0.01	ng/uL	0.08
6) 2-Methylnaphthalene-d10	12.21	152	2354	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6073	0.34	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.67	128	2950	0.21	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	1235	0.12	ng/ul	99
9) Acenaphthylene	14.18	152	3236	0.21	ng/ul#	94
10) Acenaphthene	14.52	153	8928	0.82	ng/ul	91
11) Fluorene	15.51	166	6752	0.52	ng/ul	92
14) Phenanthrene	17.24	178	105609	5.01	ng/ul	96
15) Anthracene	17.33	178	28941	1.45	ng/ul	96
17) Fluoranthene	19.26	202	181915	7.58	ng/ul	94
19) Pyrene	19.62	202	171416	6.57	ng/ul	98
20) Benzo(a)anthracene	21.37	228	80824	3.45	ng/ul#	92
21) Chrysene	21.42	228	75174	3.32	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	81454m	3.65	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	28976m	1.40	ng/ul	
25) Benzo(a)pyrene	23.58	252	56066	2.75	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	26.00	276	26840	1.42	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.01	278	6654	0.45	ng/ul#	82
28) Benzo(g,h,i)perylene	26.72	276	23660	1.51	ng/ul	95

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

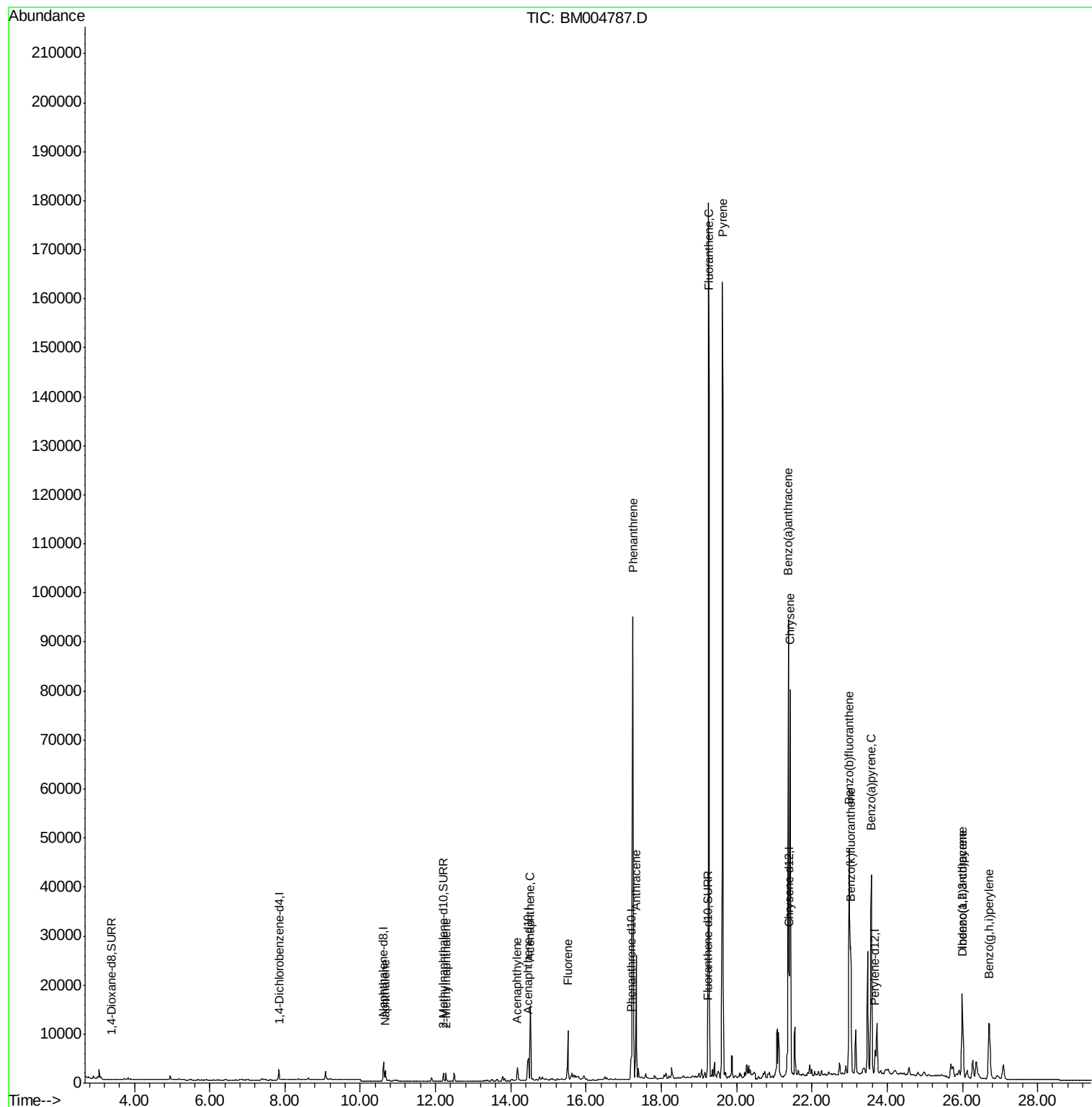
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004787.D
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ALS Vial : 19 Sample Multiplier: 1

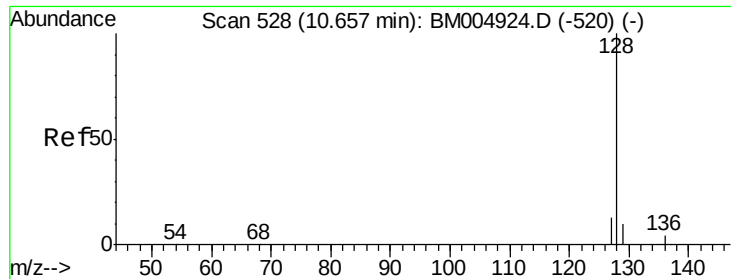
Instrument :
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A4T45MSD

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#5

Naphthalene

Concen: 0.21 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004787.D

Acq: 25 Mar 2016 20:55

Instrument :

BNA_M

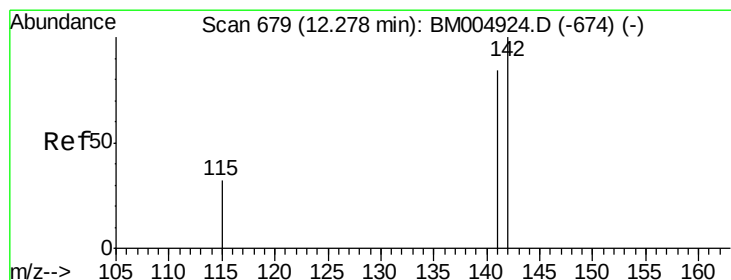
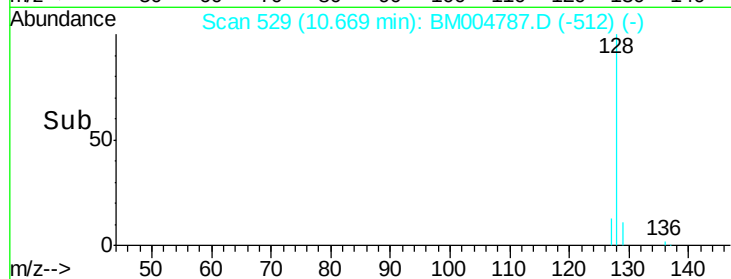
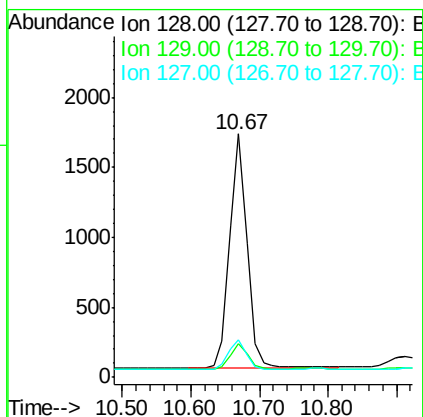
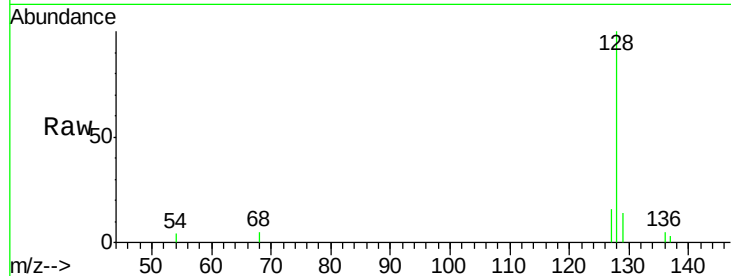
ClientSampleId :

A4T45MSD

Tgt Ion:	128	Resp:	2950
Ion Ratio	Lower	Upper	
128	100		
129	14.0	9.0	13.6#
127	15.5	9.6	14.4#

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#7

2-Methylnaphthalene

Concen: 0.12 ng/ul

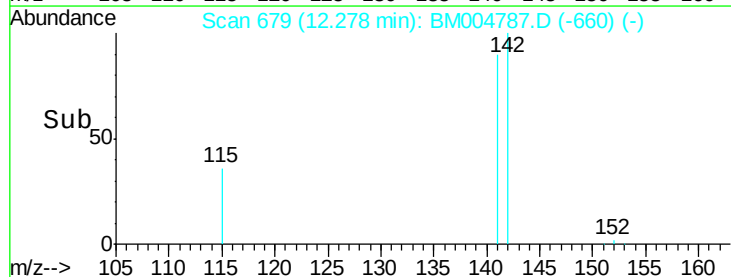
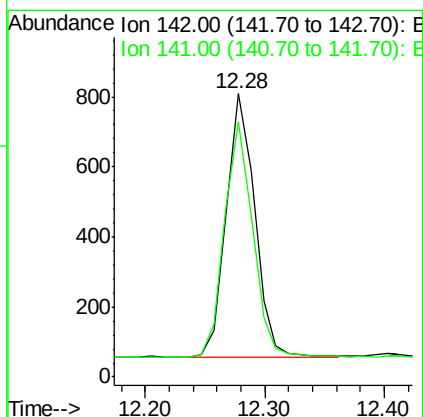
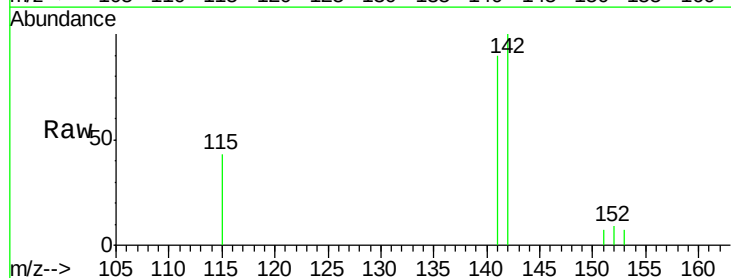
RT: 12.28 min Scan# 679

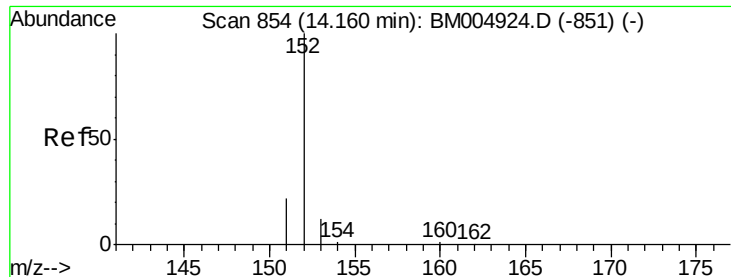
Delta R.T. -0.00 min

Lab File: BM004787.D

Acq: 25 Mar 2016 20:55

Tgt Ion:	142	Resp:	1235
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.3	105.5





#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004787.D

Acq: 25 Mar 2016 20:55

Instrument :

BNA_M

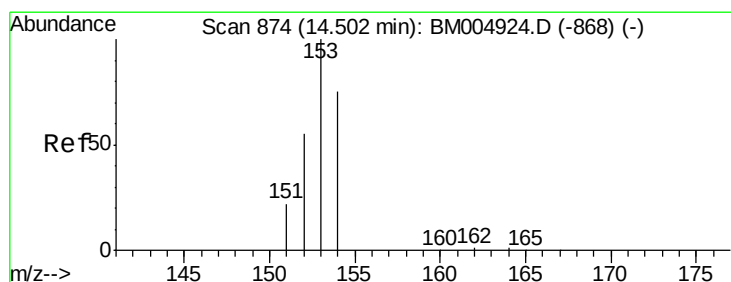
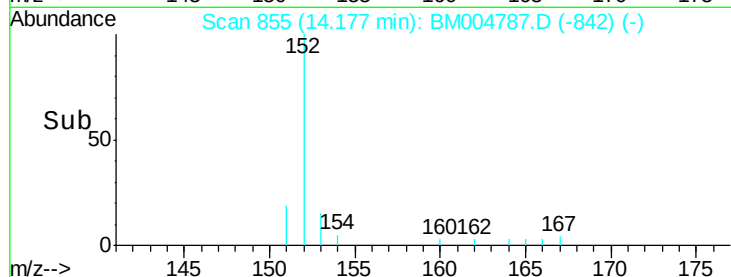
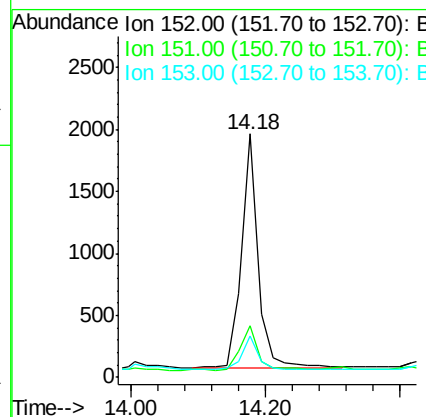
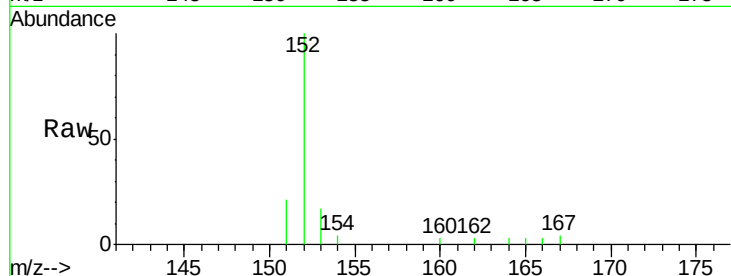
ClientSampleId :

A4T45MSD

Tgt Ion:	152	Resp:	3236
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.6	26.4
153	17.1	9.7	14.5#

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#10

Acenaphthene

Concen: 0.82 ng/ul

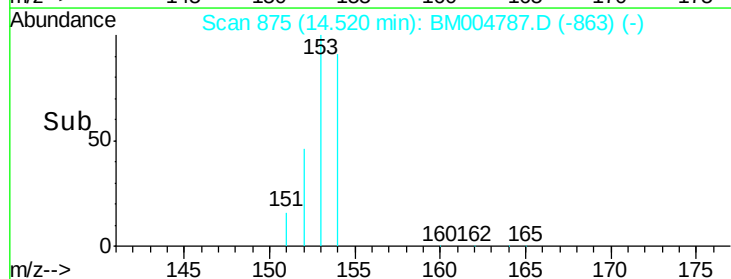
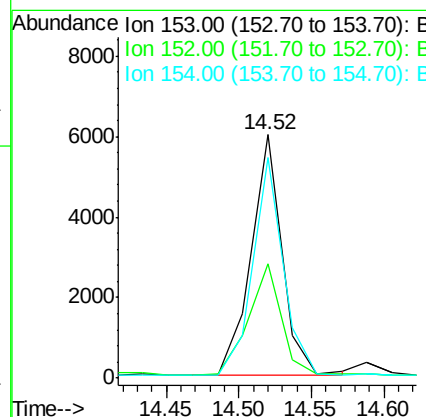
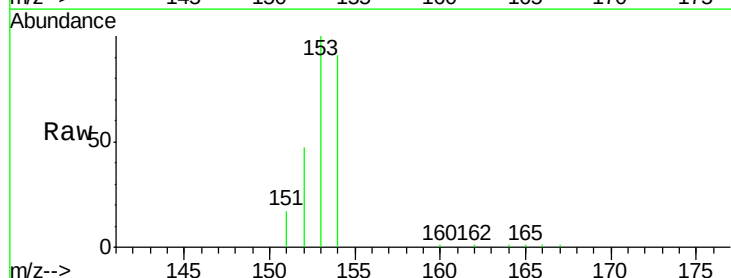
RT: 14.52 min Scan# 875

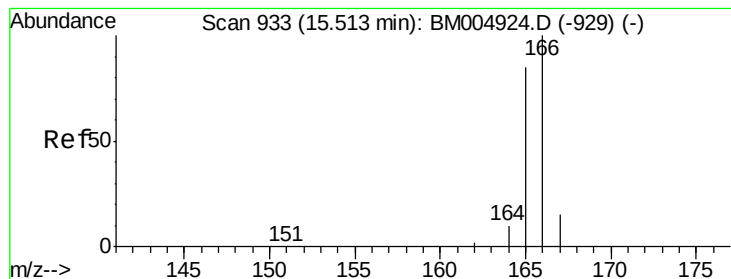
Delta R.T. -0.00 min

Lab File: BM004787.D

Acq: 25 Mar 2016 20:55

Tgt Ion:	153	Resp:	8928
Ion Ratio	Lower	Upper	
153	100		
152	47.0	33.9	50.9
154	90.5	80.6	121.0





#11

Fluorene

Concen: 0.52 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM004787.D

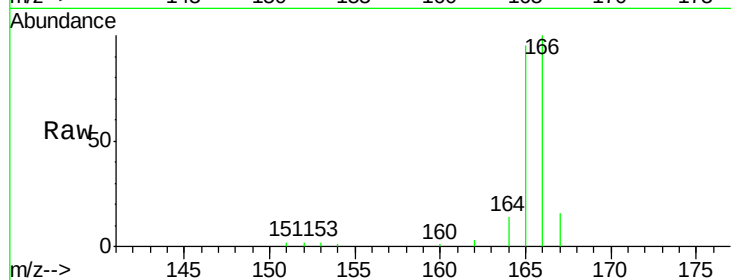
Acq: 25 Mar 2016 20:55

Instrument :

BNA_M

ClientSampleId :

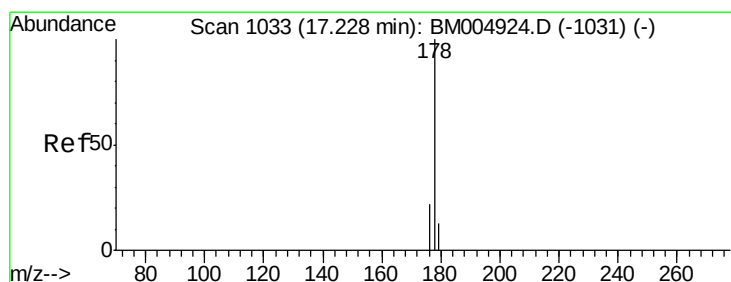
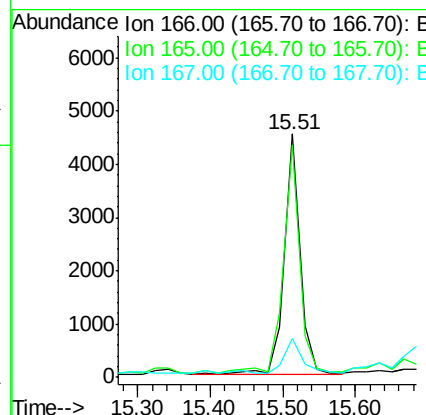
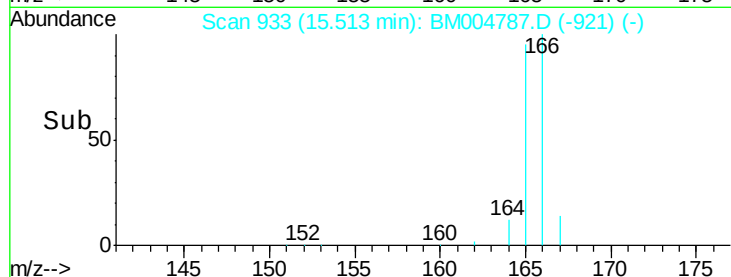
A4T45MSD



Tgt Ion:	166	Resp:	6752
Ion Ratio	Lower	Upper	
166	100		
165	95.5	69.6	104.4
167	15.7	11.9	17.9

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#14

Phenanthrene

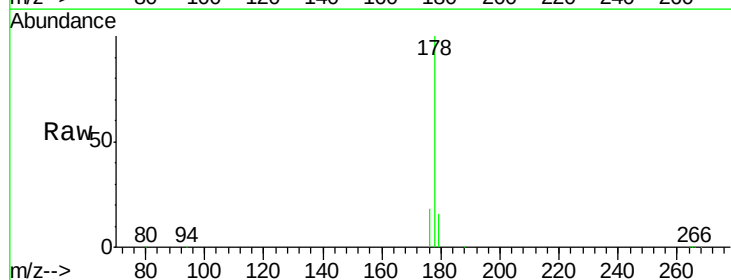
Concen: 5.01 ng/ul

RT: 17.24 min Scan# 1034

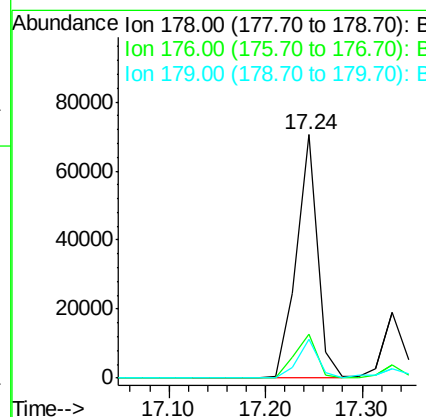
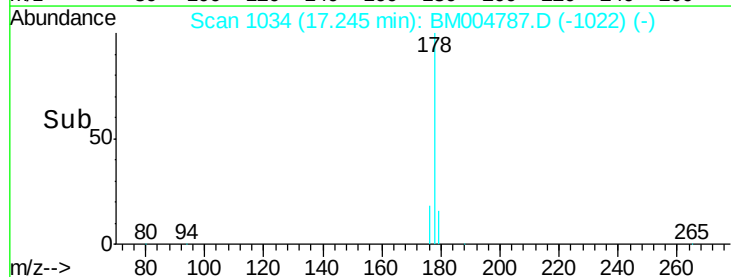
Delta R.T. -0.00 min

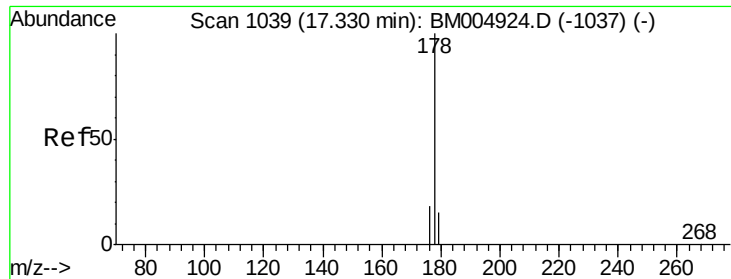
Lab File: BM004787.D

Acq: 25 Mar 2016 20:55



Tgt Ion:	178	Resp:	105609
Ion Ratio	Lower	Upper	
178	100		
176	18.0	13.0	19.4
179	16.1	14.2	21.2





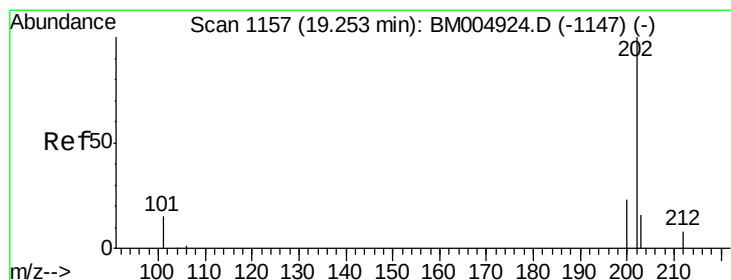
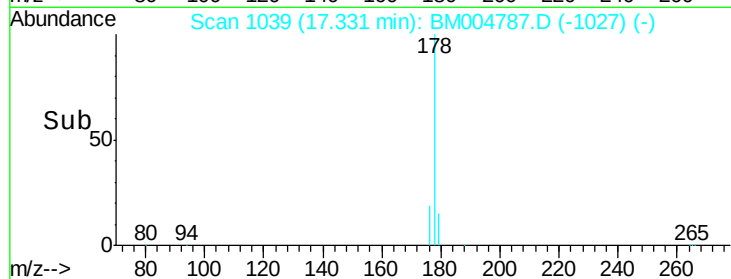
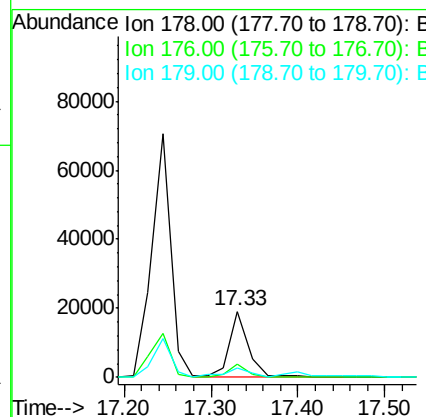
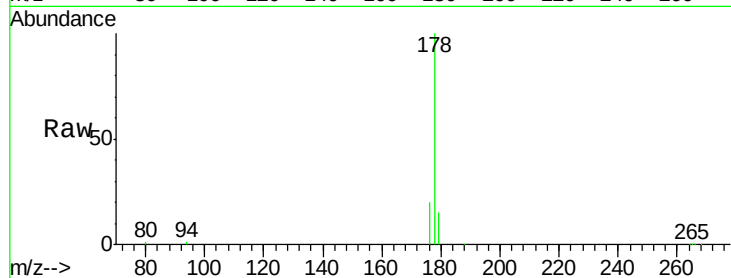
#15
 Anthracene
 Concen: 1.45 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.0	21.0
179	15.0	12.9	19.3

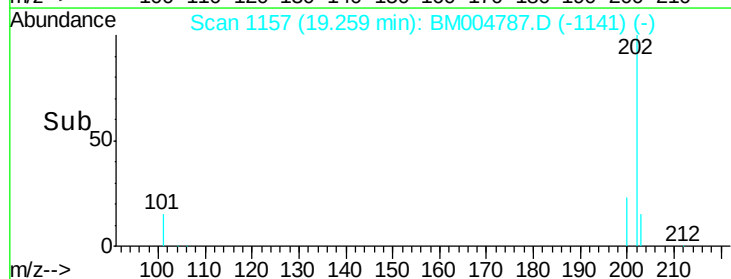
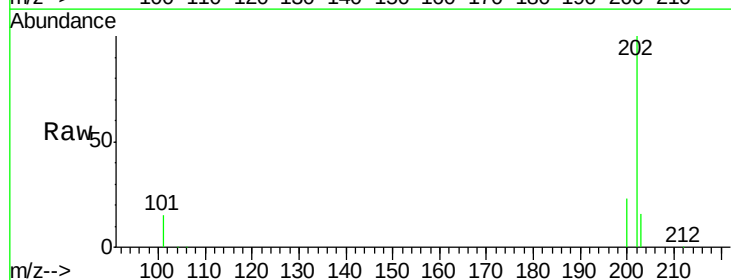
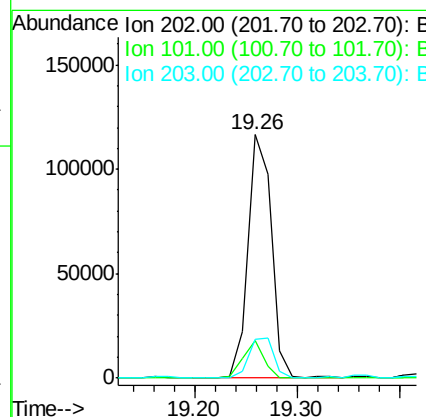
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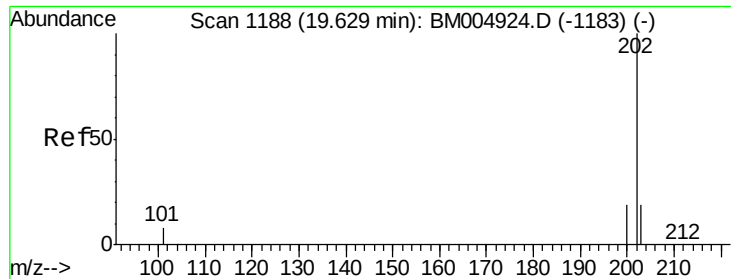
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#17
 Fluoranthene
 Concen: 7.58 ng/ul
 RT: 19.26 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	29.6
203	15.8	0.0	36.3





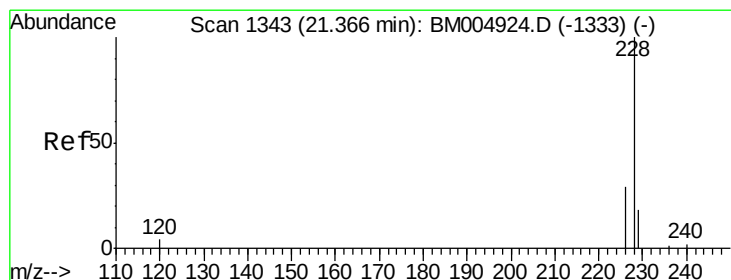
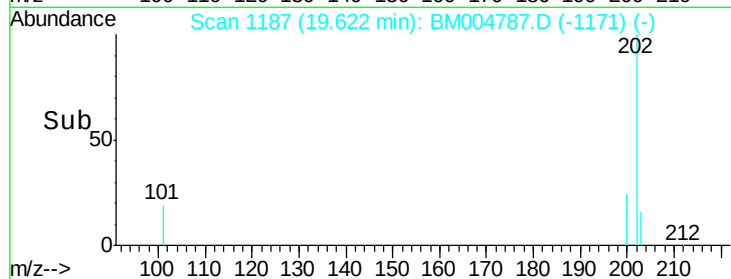
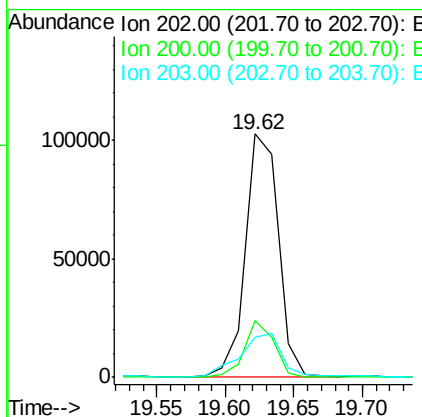
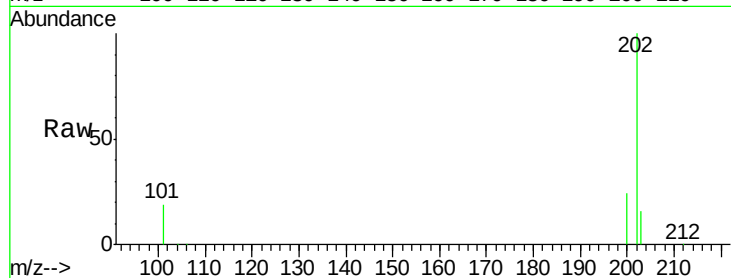
#19
 Pyrene
 Concen: 6.57 ng/ul
 RT: 19.62 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.5	17.8	26.8
203	16.4	12.8	19.2

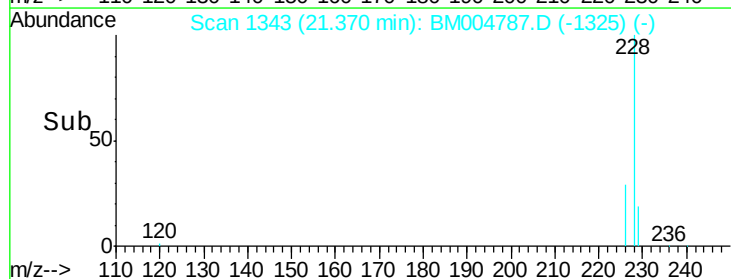
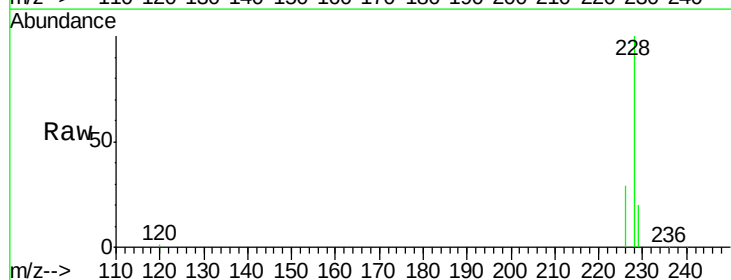
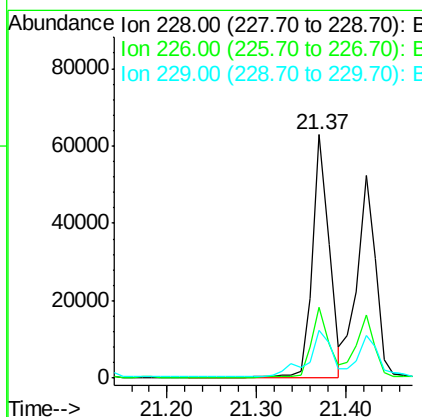
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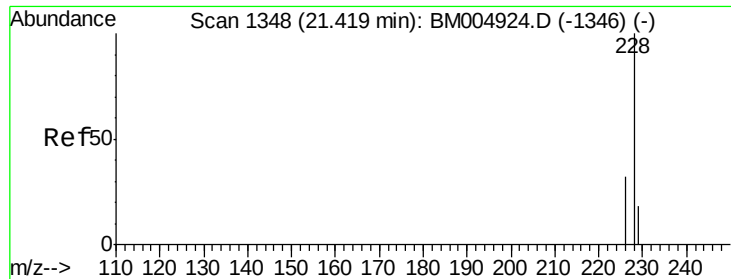
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#20
 Benzo(a)anthracene
 Concen: 3.45 ng/ul
 RT: 21.37 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	18.8	28.2#
229	19.7	17.1	25.7





#21

Chrysene

Concen: 3.32 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BM004787.D

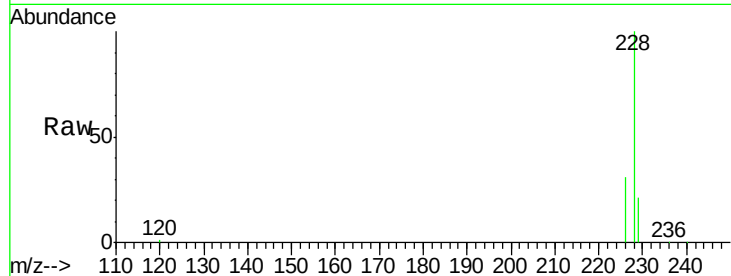
Acq: 25 Mar 2016 20:55

Instrument :

BNA_M

ClientSampleId :

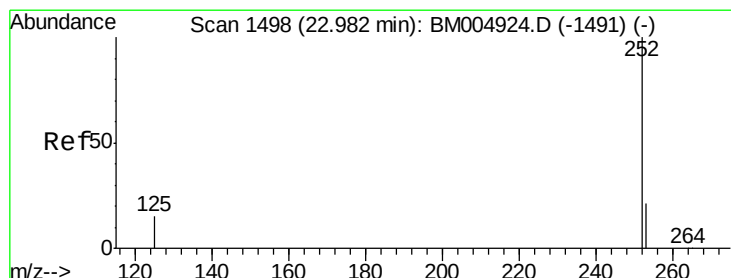
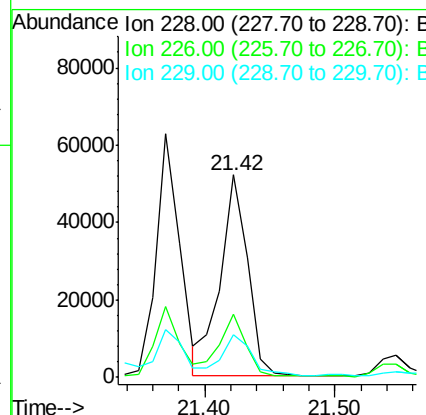
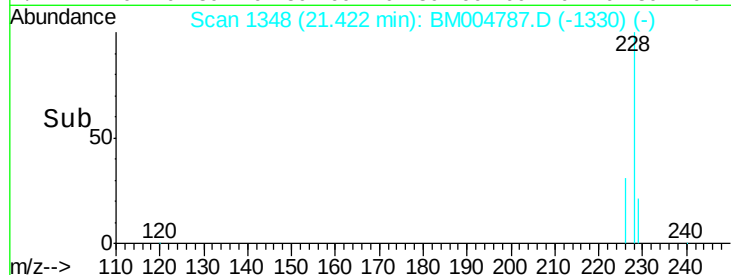
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Tgt Ion:	228	Resp:	75174
Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.2	31.8
229	21.2	17.0	25.6

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#23

Benzo(b)fluoranthene

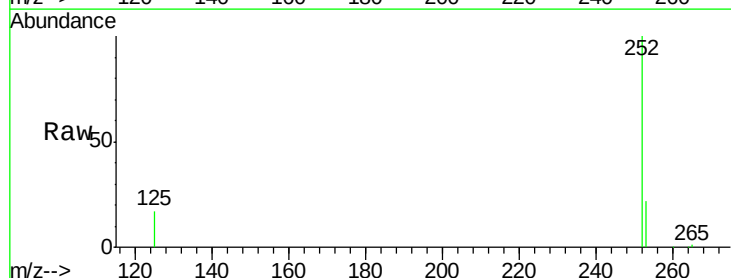
Concen: 3.65 ng/ul m

RT: 22.99 min Scan# 1498

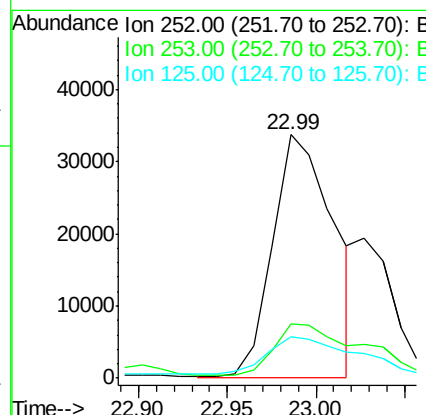
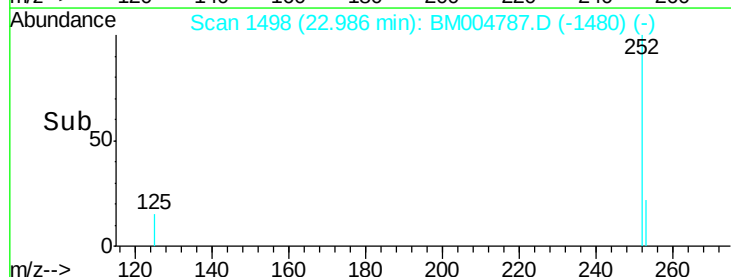
Delta R.T. -0.01 min

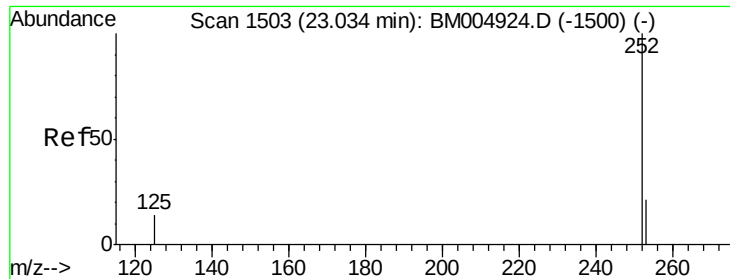
Lab File: BM004787.D

Acq: 25 Mar 2016 20:55



Tgt Ion:	252	Resp:	81454
Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	45.4
125	16.8	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 1.40 ng/ul m

RT: 23.03 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM004787.D

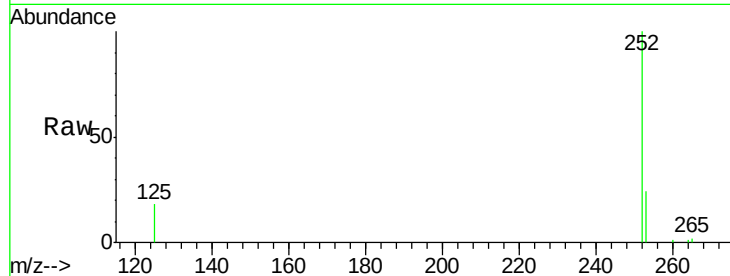
Acq: 25 Mar 2016 20:55

Instrument :

BNA_M

ClientSampleId :

A4T45MSD



Tgt Ion: 252 Resp: 28976

Ion Ratio Lower Upper

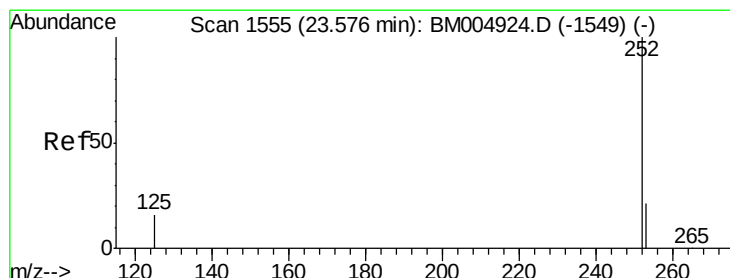
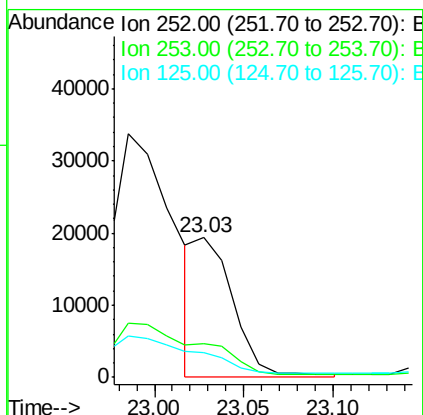
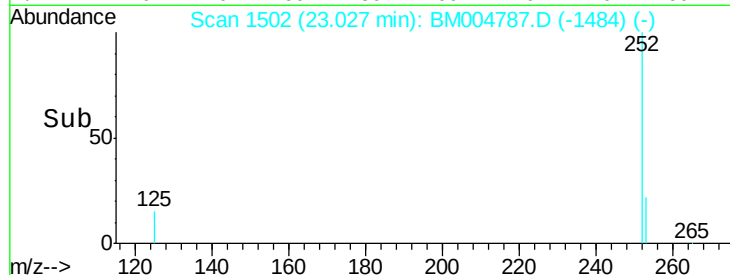
252 100

253 23.7 19.8 29.8

125 17.7 10.4 15.6#

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#25

Benzo(a)pyrene

Concen: 2.75 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004787.D

Acq: 25 Mar 2016 20:55

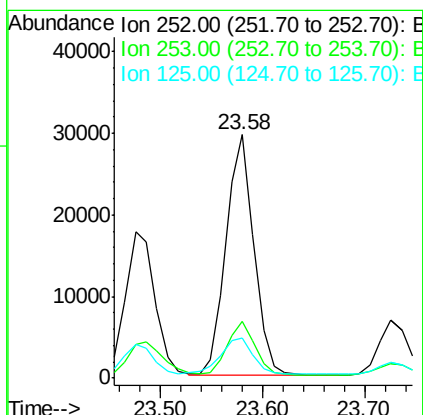
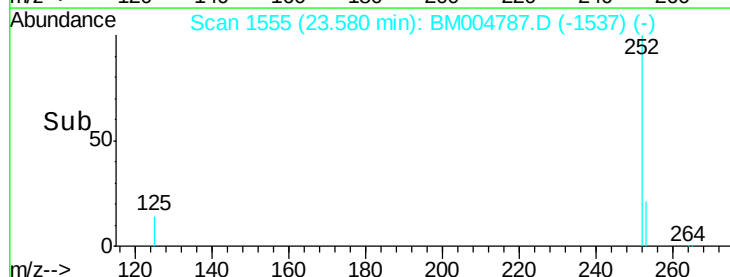
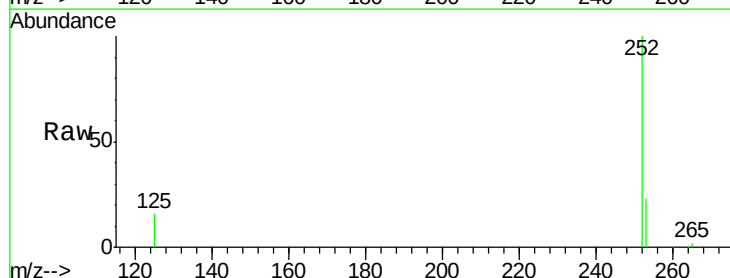
Tgt Ion: 252 Resp: 56066

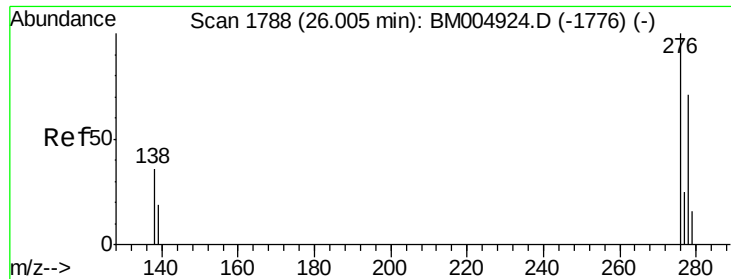
Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

125 16.5 12.7 19.1





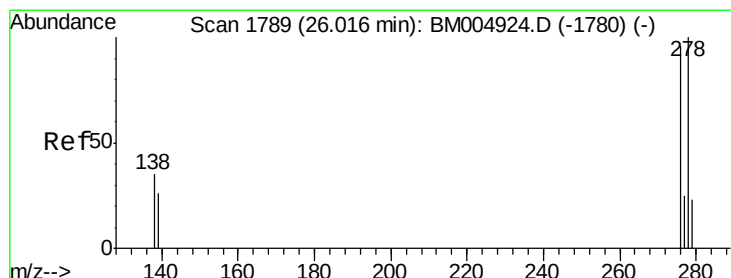
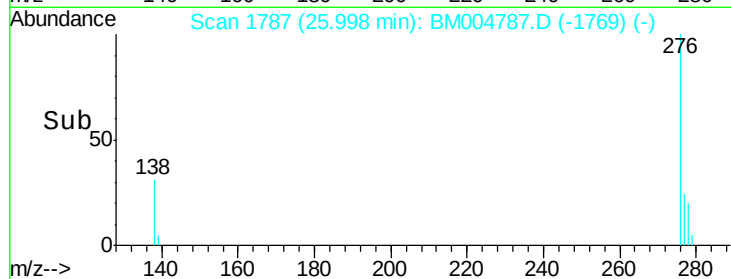
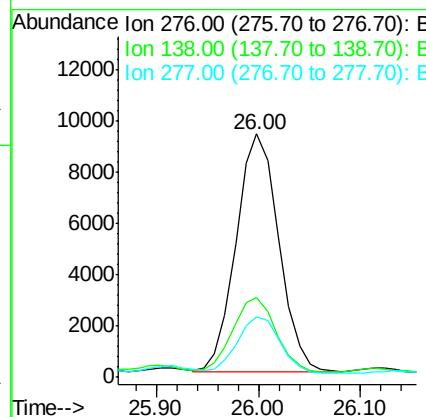
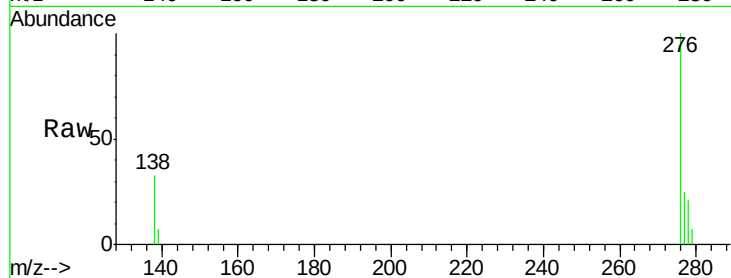
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 1.42 ng/ul
 RT: 26.00 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	16.3	24.5#
277	24.3	19.8	29.8

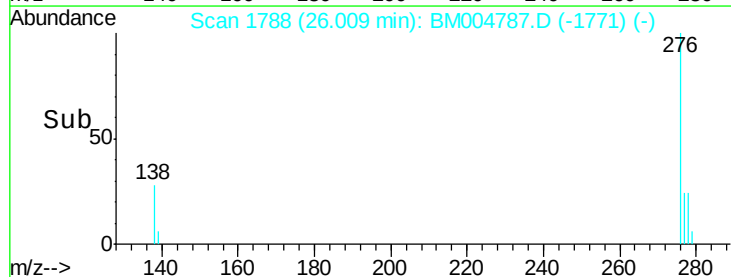
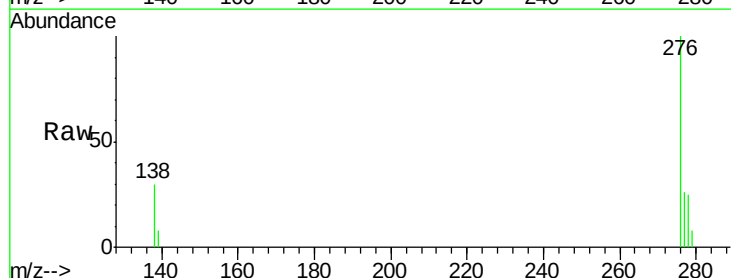
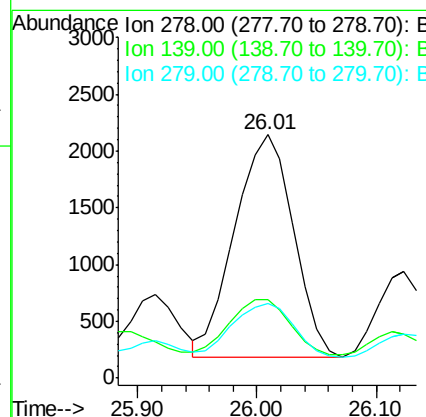
Manual Integrations
 APPROVED

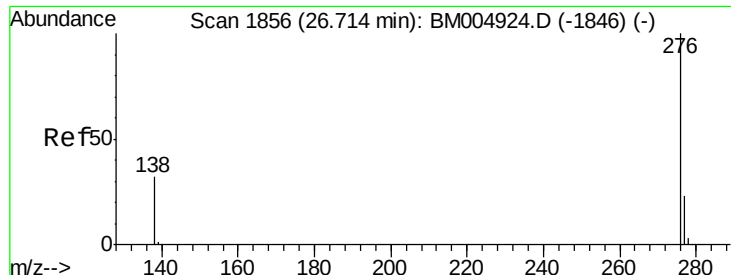
Sohil
 4/6/2016 1:28:54 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.45 ng/ul
 RT: 26.01 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM004787.D
 Acq: 25 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.3	16.4	24.6#
279	30.8	20.2	30.2#





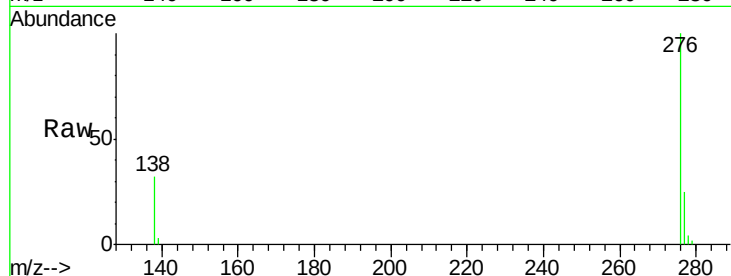
#28
Benzo(g,h,i)perylene
Concen: 1.51 ng/ul
RT: 26.72 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004787.D
Acq: 25 Mar 2016 20:55

Instrument :
BNA_M
ClientSampleId :
A4T45MSD

Tgt Ion:	276	Resp:	23660
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.9	28.3
138	31.8	22.5	33.7

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:54 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

