

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008705.D
 Acq On : 28 Dec 2016 22:09
 Operator : UM/SJ
 Sample : H6067-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Manual Integrations
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 12/30/2016 8:53:57 AM

Quant Time: Dec 29 04:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	407m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1340m	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	837	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1805m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.25	240	1660	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1622m	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	408m	0.20	ng/ul	-0.14
14) Fluoranthene-d10	19.08	212	1297m	0.26	ng/ul	-0.05
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	7930m	2.10	ng/ul	
5) 2-Methylnaphthalene	12.10	142	6811m	2.68	ng/ul	
7) Acenaphthylene	14.01	152	1095	0.29	ng/ul#	84
8) Acenaphthene	14.33	153	914	0.32	ng/ul#	85
9) Fluorene	15.34	166	1410	0.43	ng/ul#	84
12) Phenanthrene	17.07	178	30041	5.45	ng/ul	95
13) Anthracene	17.18	178	4602	0.86	ng/ul#	93
15) Fluoranthene	19.11	202	43722	6.47	ng/ul	94
17) Pyrene	19.47	202	47022	7.33	ng/ul	96
18) Benzo(a)anthracene	21.23	228	25751	4.72	ng/ul	96
19) Chrysene	21.28	228	26901	4.51	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	43024m	6.73	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	10718m	1.72	ng/ul	
23) Benzo(a)pyrene	23.38	252	25224m	4.26	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	18669	2.64	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.70	278	5371	0.95	ng/ul	95
26) Benzo(g,h,i)perylene	26.40	276	26364	4.36	ng/ul#	89

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

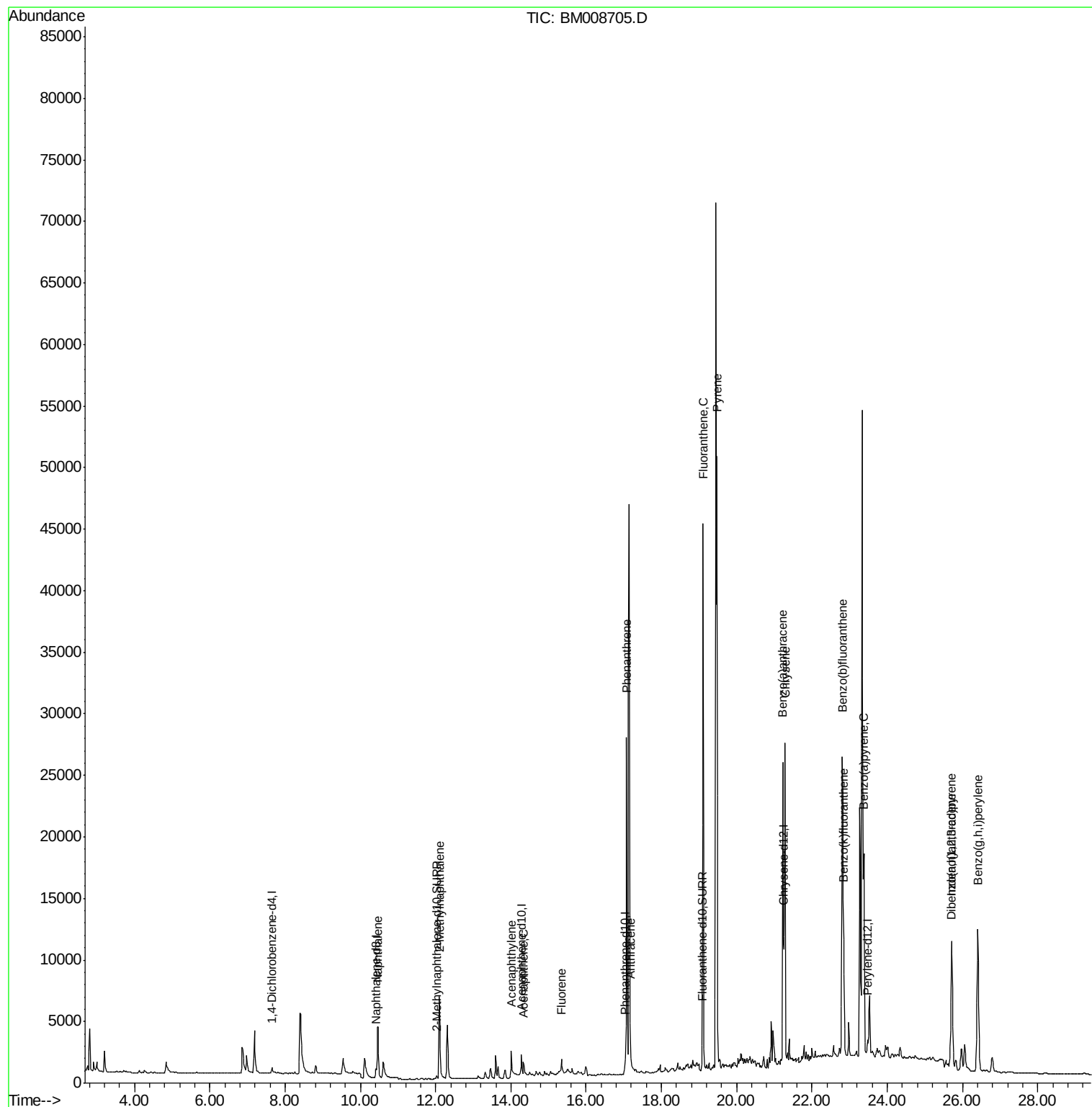
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008705.D
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Sample : H6067-13
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ALS Vial : 17 Sample Multiplier: 1

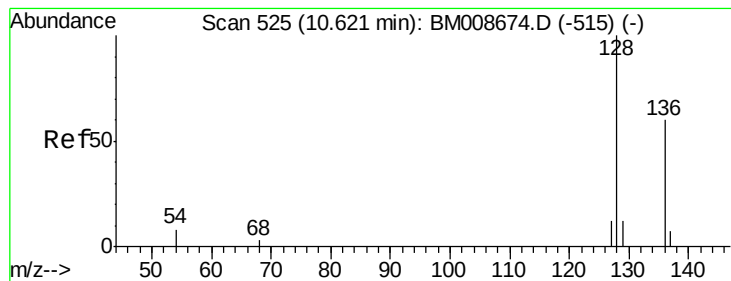
Instrument :
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DA7G4

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#3

Naphthalene

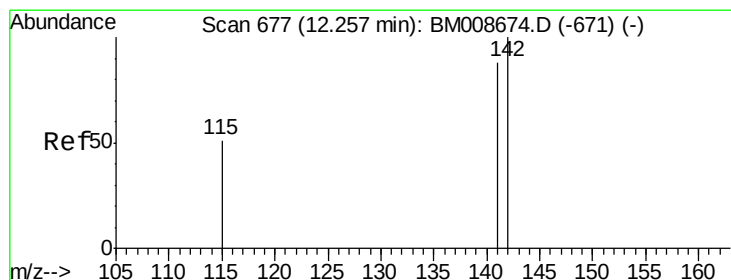
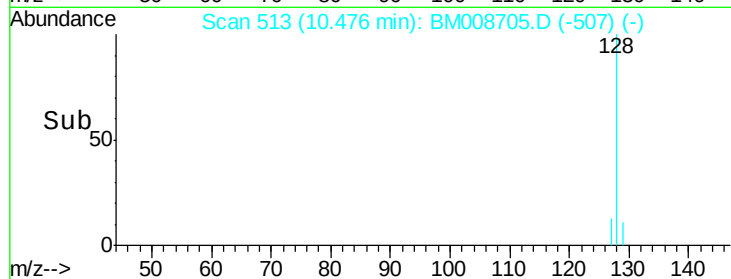
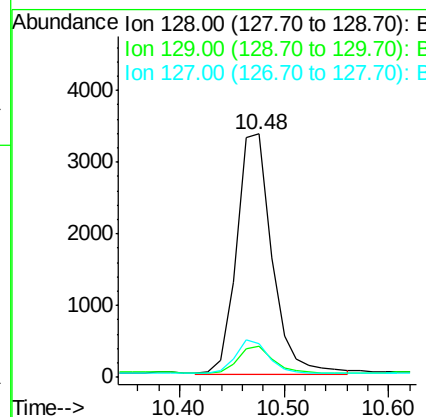
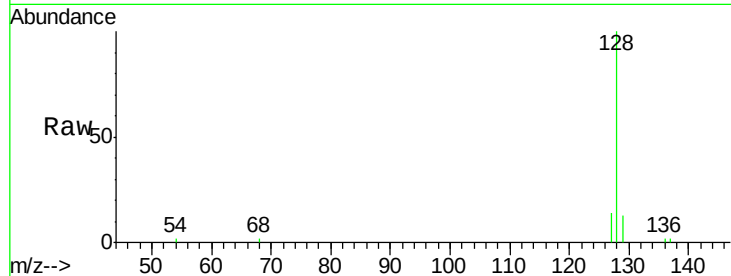
Concen: 2.10 ng/ul m
 RT: 10.48 min Scan# 513
 Delta R.T. -0.13 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	13.8	12.8	19.2

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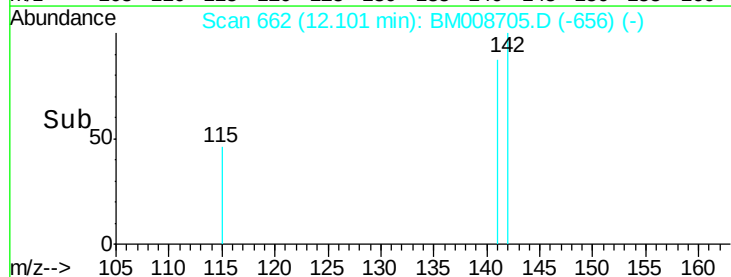
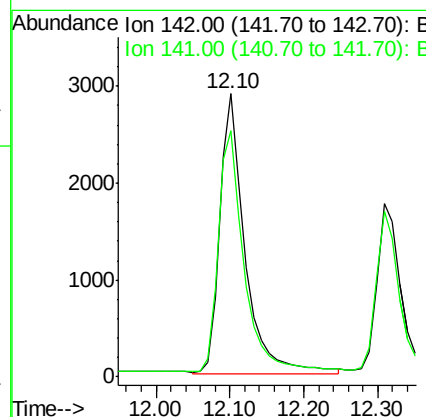
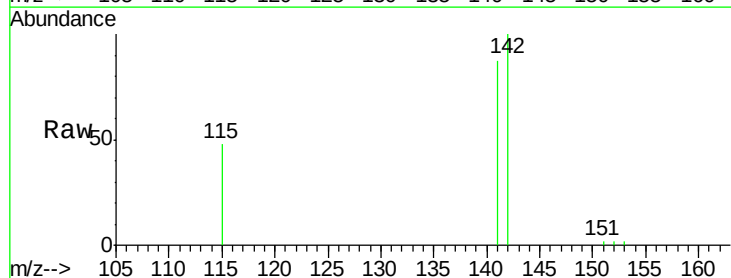


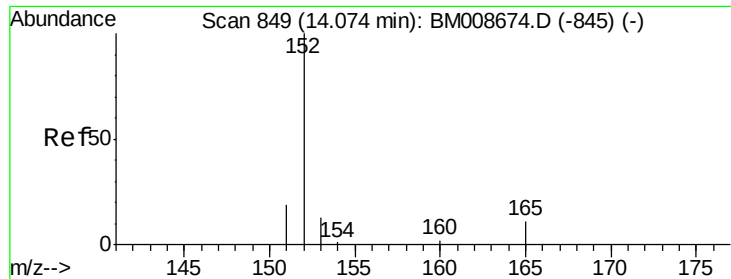
#5

2-Methylnaphthalene

Concen: 2.68 ng/ul m
 RT: 12.10 min Scan# 662
 Delta R.T. -0.14 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	51.2	72.6	108.8#





#7

Acenaphthylene

Concen: 0.29 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Instrument :

BNA_M

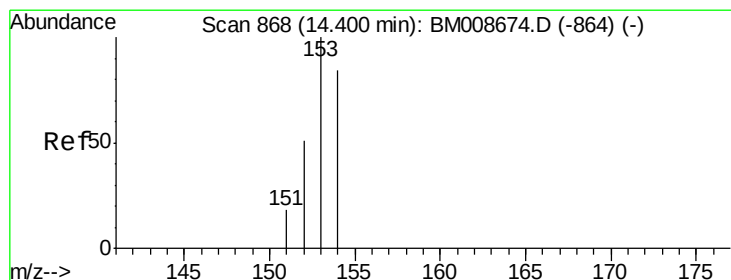
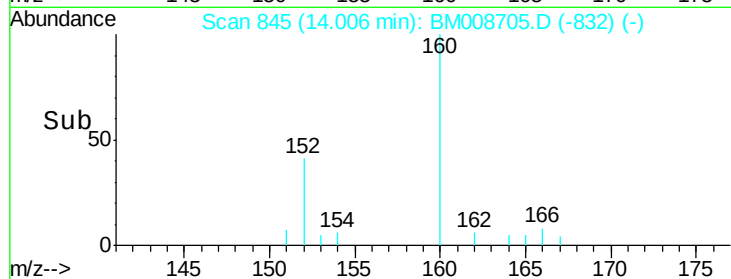
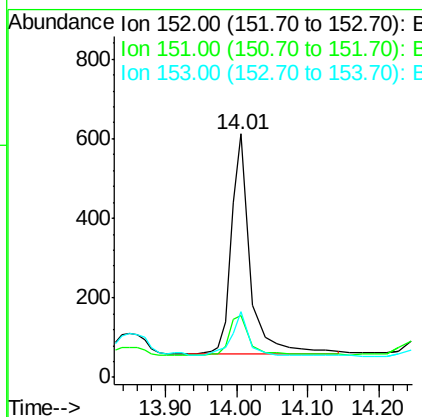
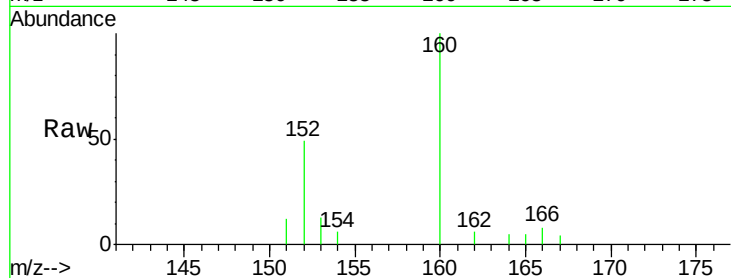
ClientSampleId :

DA7G4

Tgt Ion:	152	Resp:	1095
Ion Ratio	Lower	Upper	
152	100		
151	25.3	17.1	25.7
153	26.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.32 ng/ul

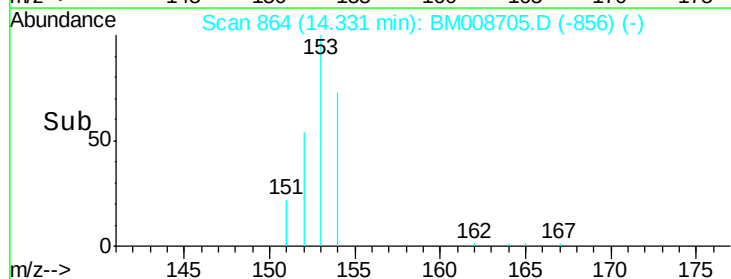
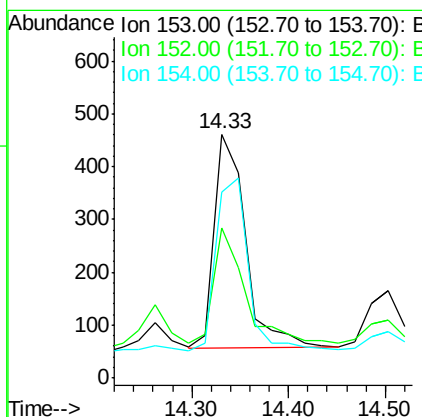
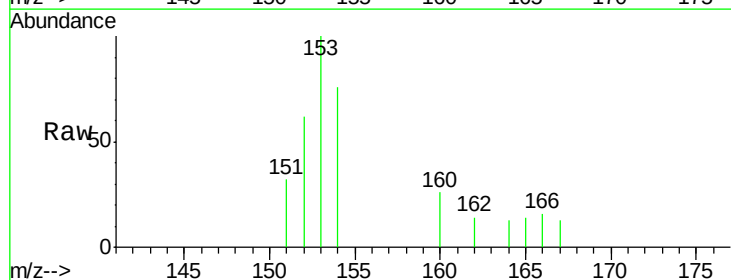
RT: 14.33 min Scan# 864

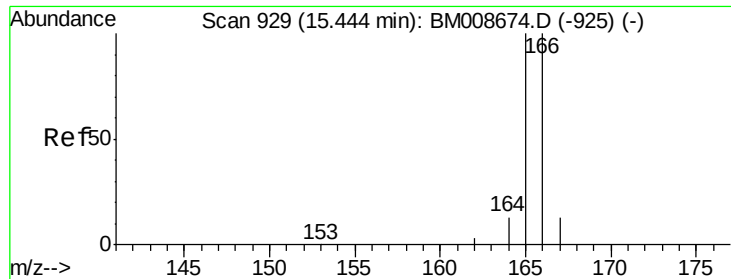
Delta R.T. -0.07 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Tgt Ion:	153	Resp:	914
Ion Ratio	Lower	Upper	
153	100		
152	61.6	40.3	60.5#
154	76.1	71.4	107.2





#9

Fluorene

Concen: 0.43 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Instrument :

BNA_M

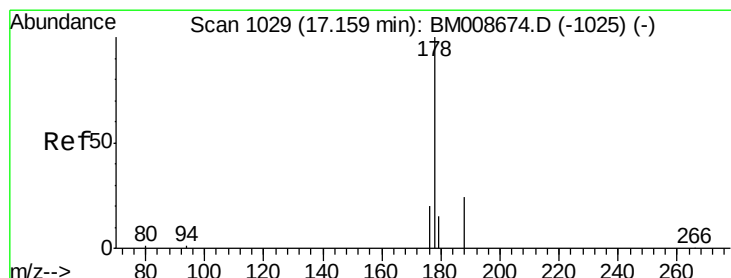
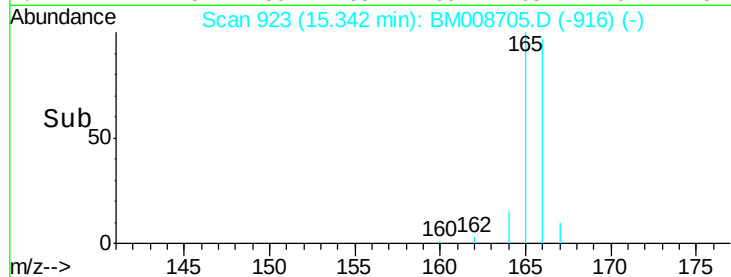
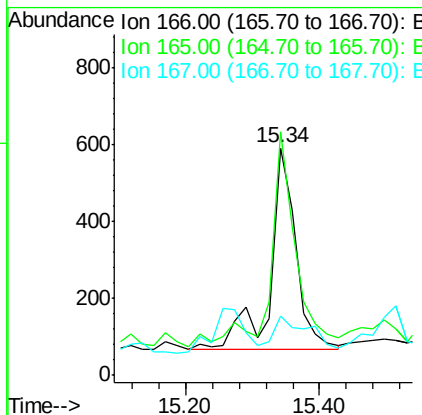
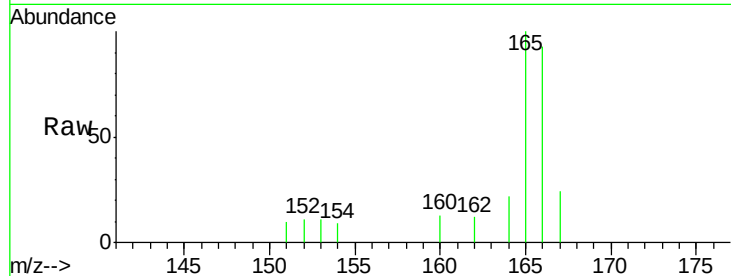
ClientSampleId :

DA7G4

Tgt Ion:	166	Resp:	1410
Ion Ratio	Lower	Upper	
166	100		
165	107.1	73.4	110.2
167	26.1	14.6	22.0

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#12

Phenanthrene

Concen: 5.45 ng/ul

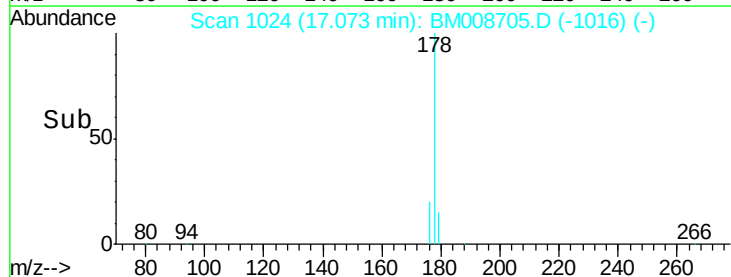
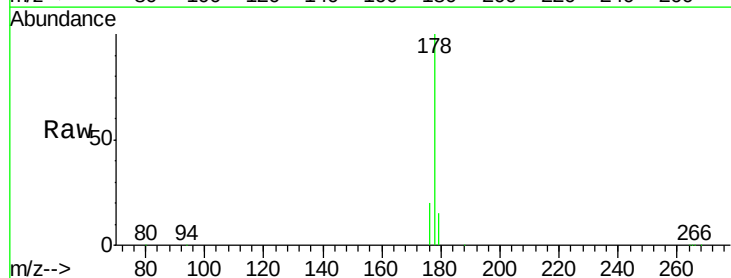
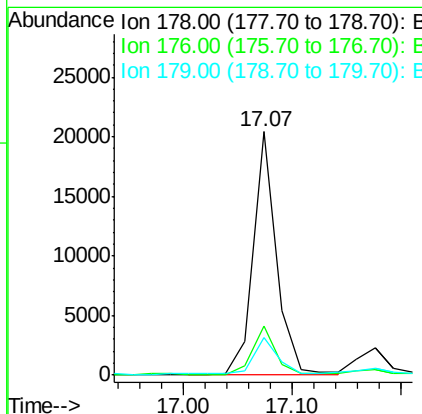
RT: 17.07 min Scan# 1024

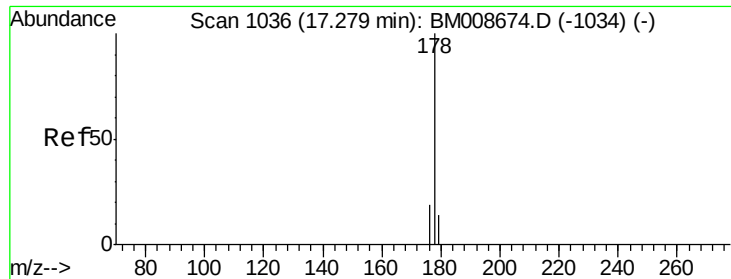
Delta R.T. -0.07 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Tgt Ion:	178	Resp:	30041
Ion Ratio	Lower	Upper	
178	100		
176	19.9	18.4	27.6
179	15.4	13.6	20.4





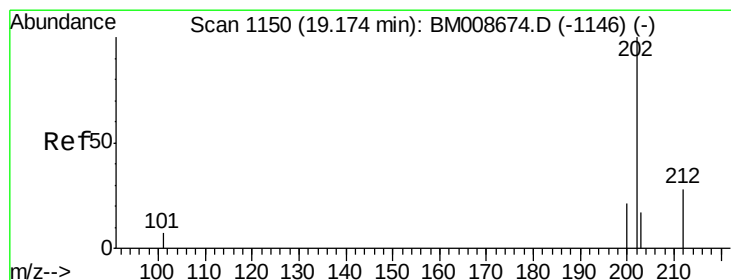
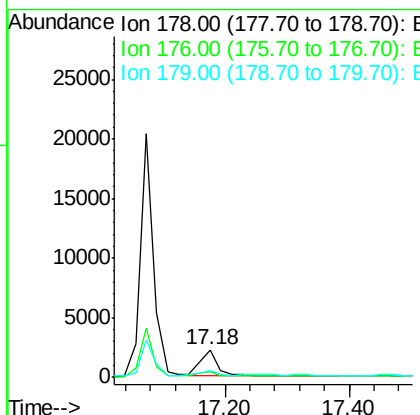
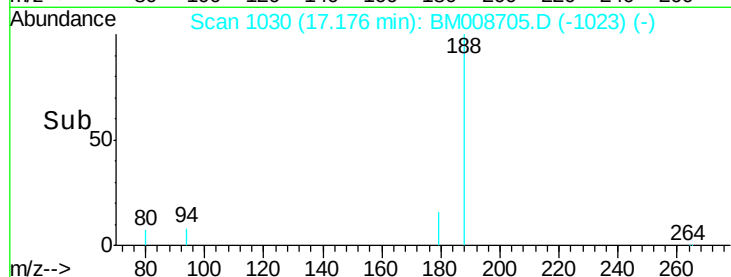
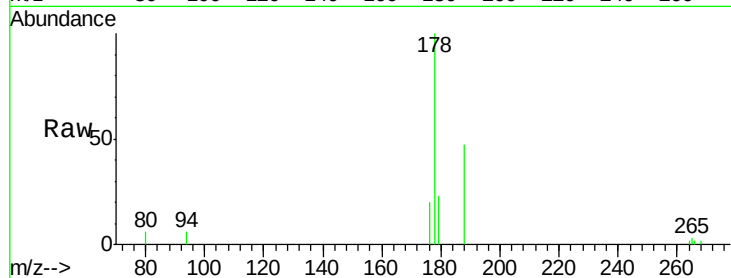
#13
 Anthracene
 Concen: 0.86 ng/ul
 RT: 17.18 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Tgt Ion:178 Resp: 4602
 Ion Ratio Lower Upper
 178 100
 176 20.2 18.1 27.1
 179 22.9 14.7 22.1#

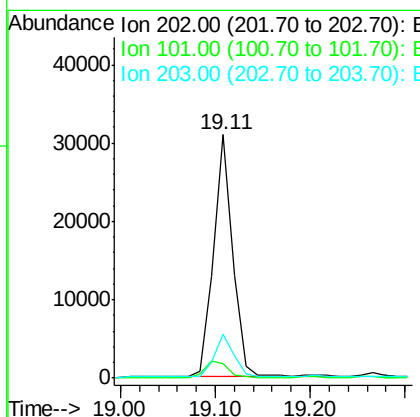
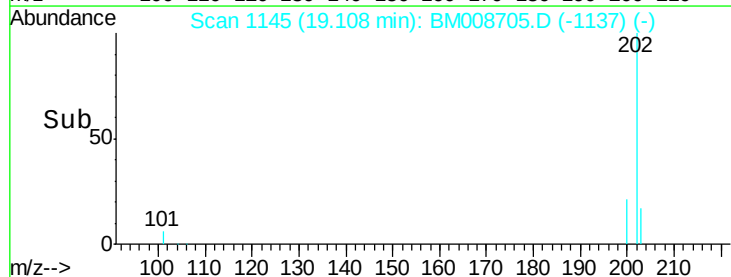
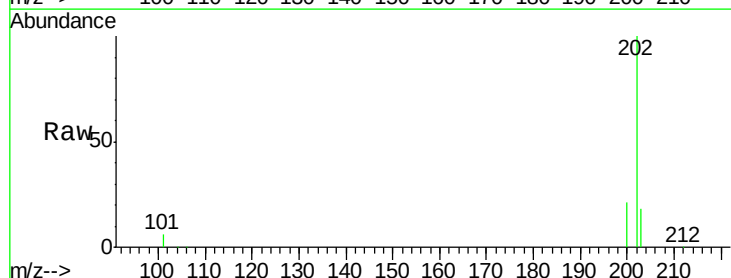
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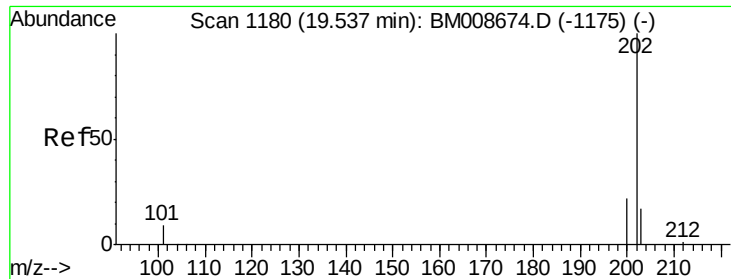
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#15
 Fluoranthene
 Concen: 6.47 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.05 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Tgt Ion:202 Resp: 43722
 Ion Ratio Lower Upper
 202 100
 101 6.1 0.0 30.3
 203 17.8 0.0 39.5





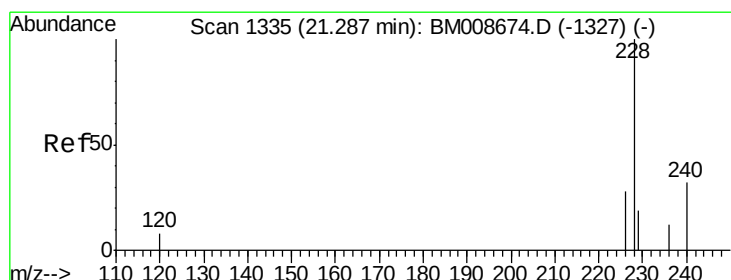
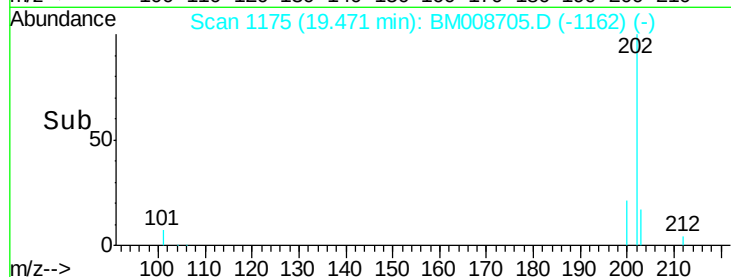
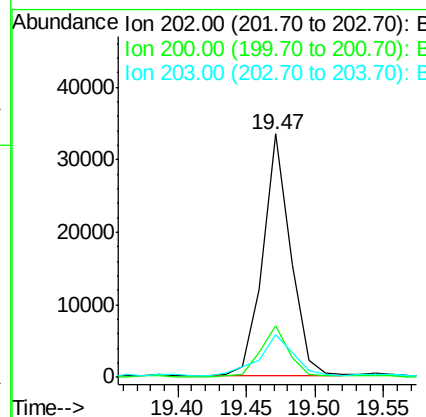
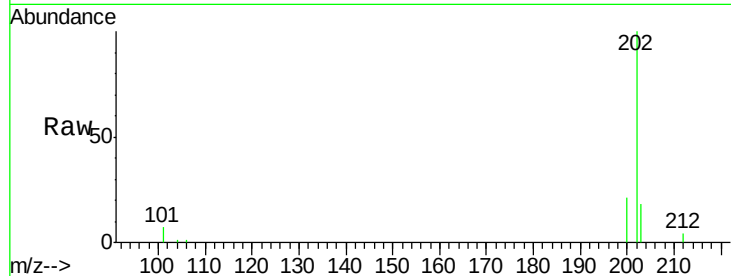
#17
 Pyrene
 Concen: 7.33 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.05 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.2	27.4
203	17.8	15.6	23.4

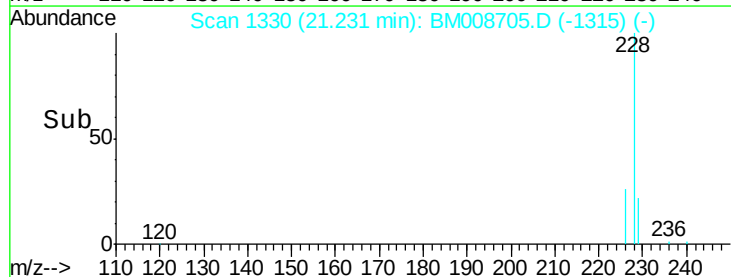
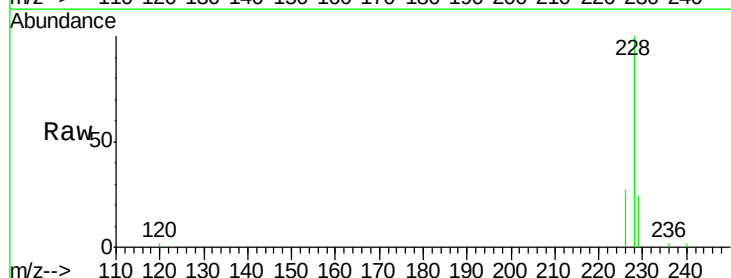
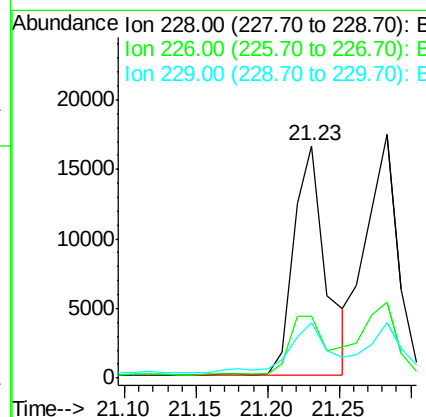
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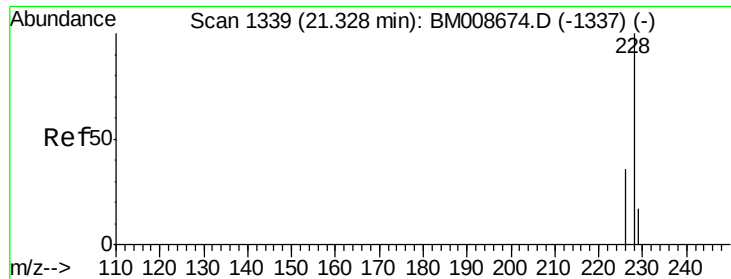
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#18
 Benzo(a)anthracene
 Concen: 4.72 ng/ul
 RT: 21.23 min Scan# 1330
 Delta R.T. -0.04 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.8	34.2
229	24.0	17.0	25.6





#19

Chrysene

Concen: 4.51 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Instrument :

BNA_M

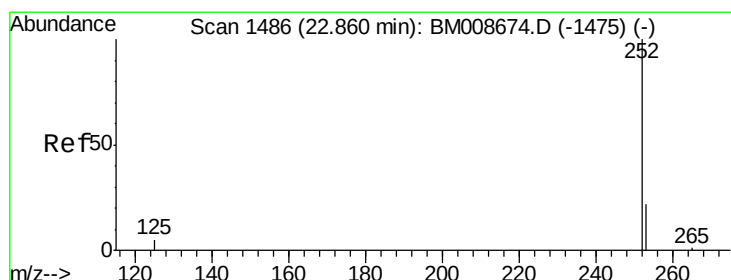
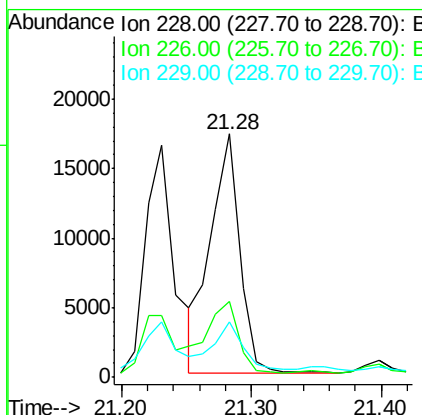
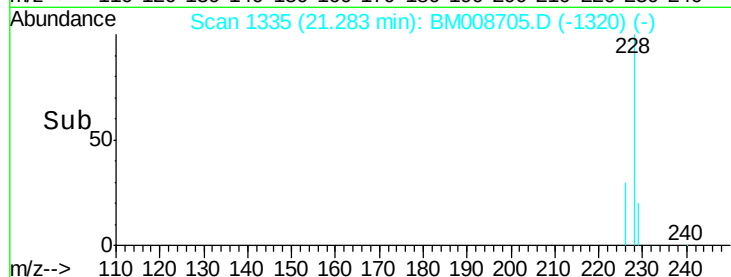
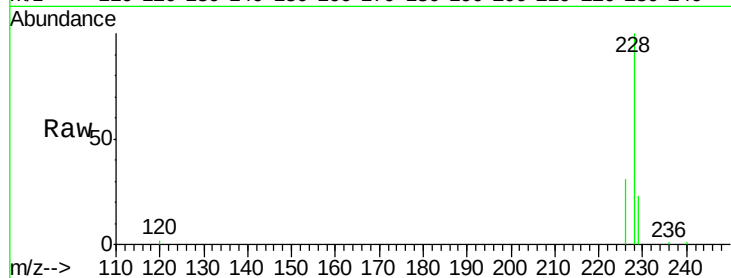
ClientSampleId :

DA7G4

Tgt Ion:	228	Resp:	26901
Ion Ratio		Lower	Upper
228	100		
226	31.4	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.73 ng/ul m

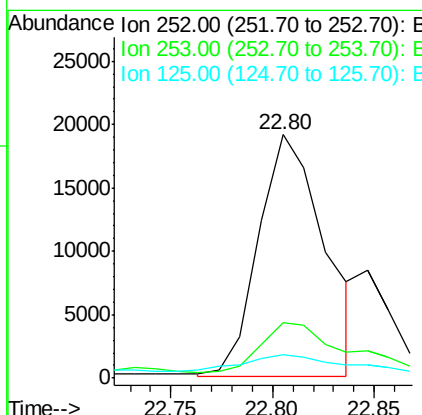
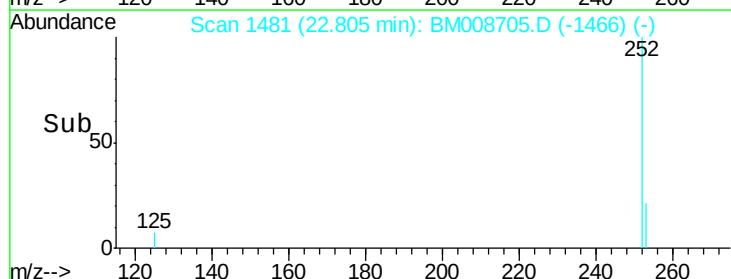
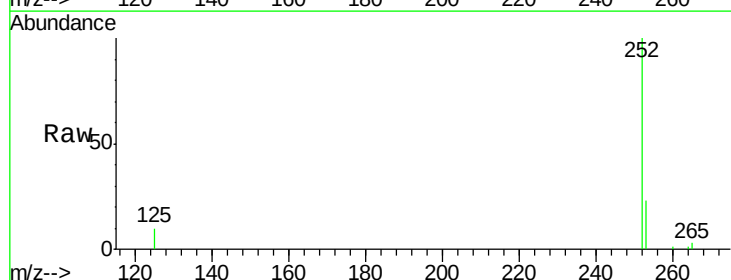
RT: 22.80 min Scan# 1481

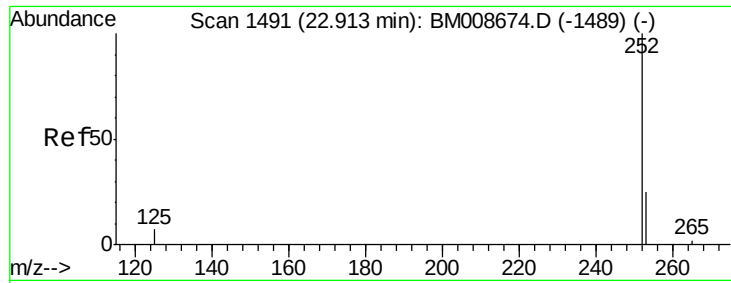
Delta R.T. -0.04 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Tgt Ion:	252	Resp:	43024
Ion Ratio		Lower	Upper
252	100		
253	22.9	0.0	64.2
125	9.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.72 ng/ul m

RT: 22.85 min Scan# 1485

Delta R.T. -0.04 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Instrument :

BNA_M

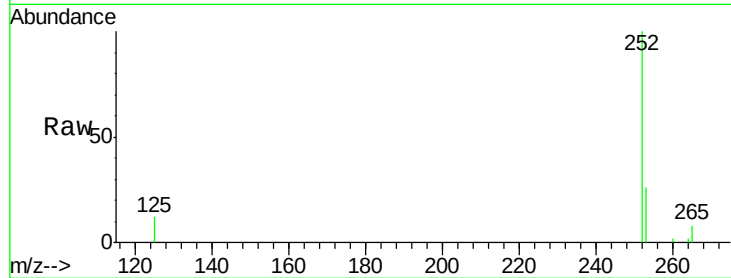
ClientSampleId :

DA7G4

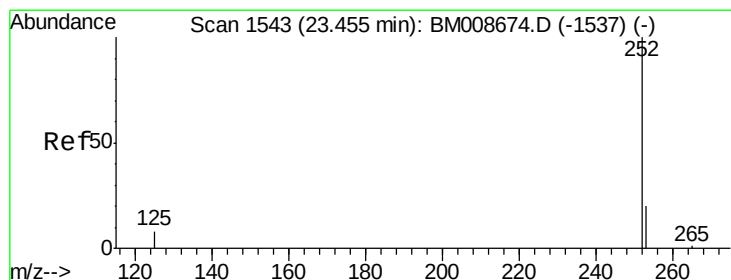
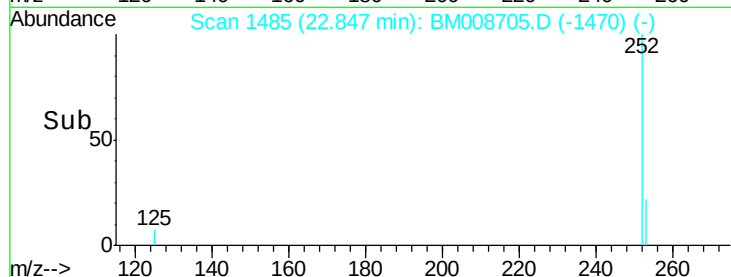
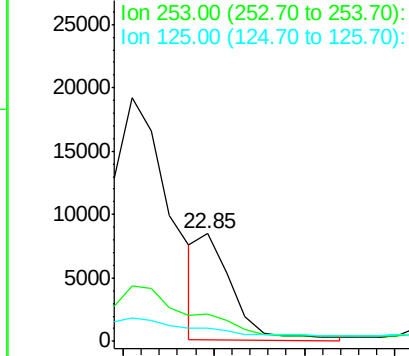
Tgt Ion:	252	Resp:	10718
Ion Ratio		Lower	Upper
252	100		
253	25.9	24.5	36.7
125	12.3	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 4.26 ng/ul m

RT: 23.38 min Scan# 1536

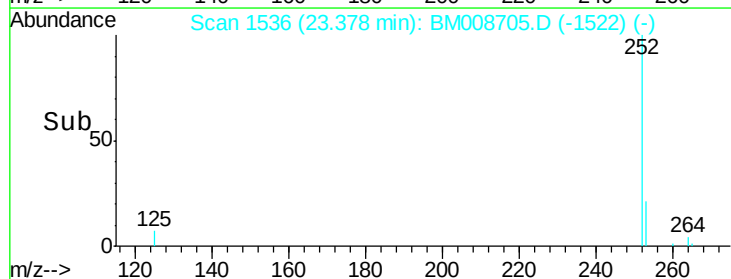
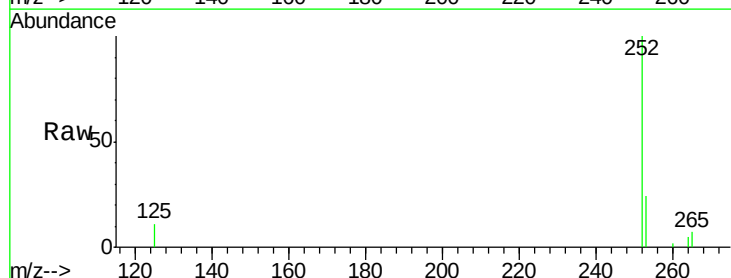
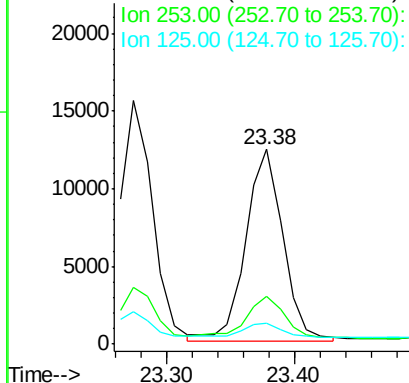
Delta R.T. -0.05 min

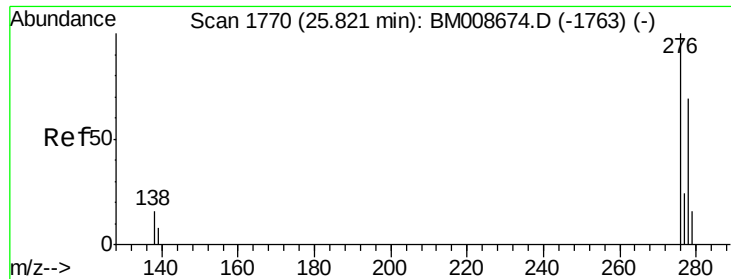
Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Tgt Ion:	252	Resp:	25224
Ion Ratio		Lower	Upper
252	100		
253	24.4	28.5	42.7#
125	10.6	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





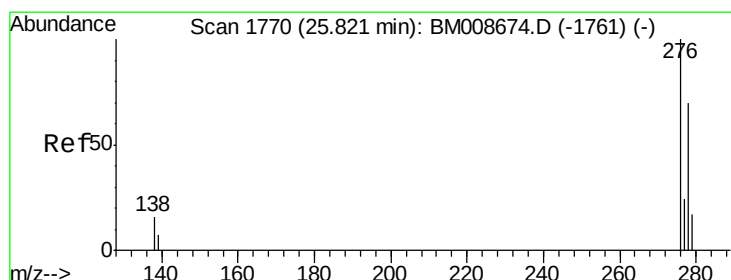
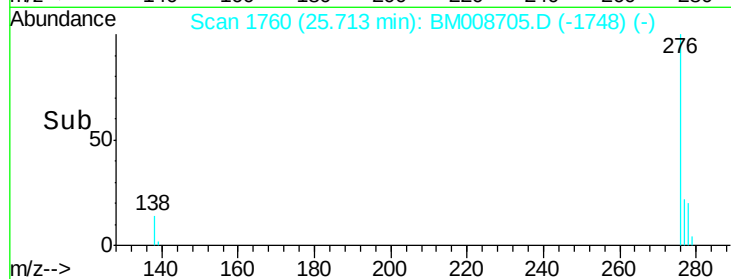
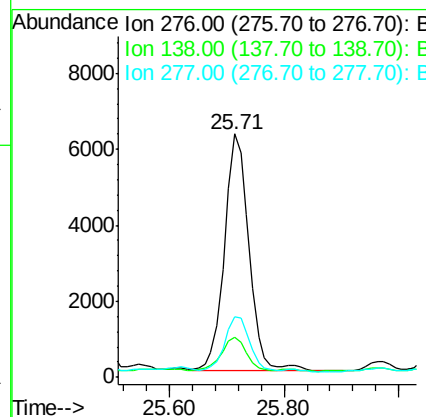
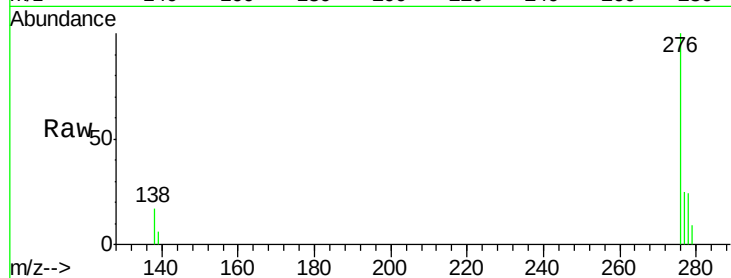
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.64 ng/ul
 RT: 25.71 min Scan# 1760
 Delta R.T. -0.07 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	19.1	28.7#
277	21.9	19.6	29.4

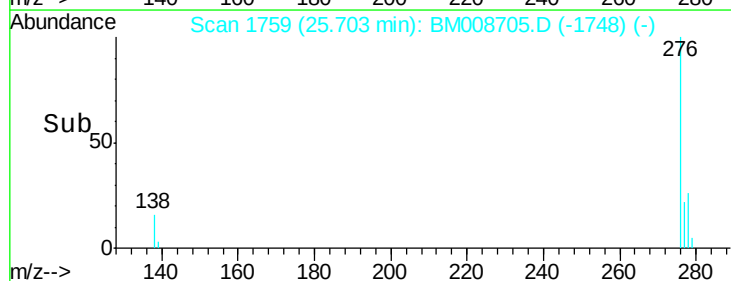
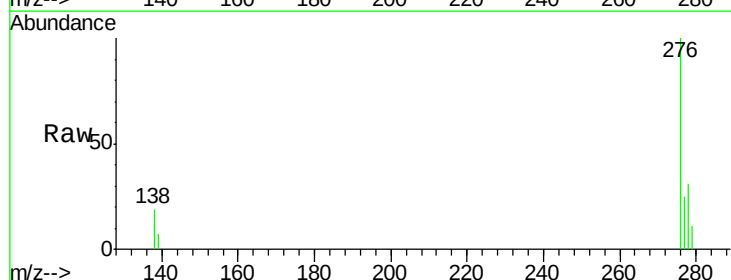
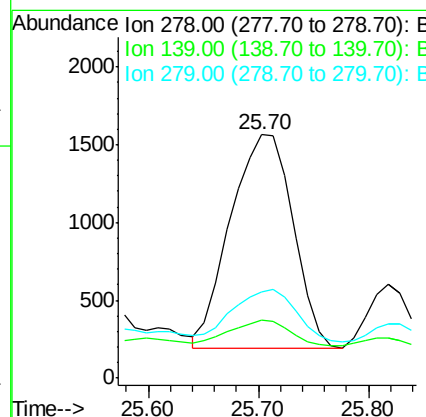
Manual Integrations
 APPROVED

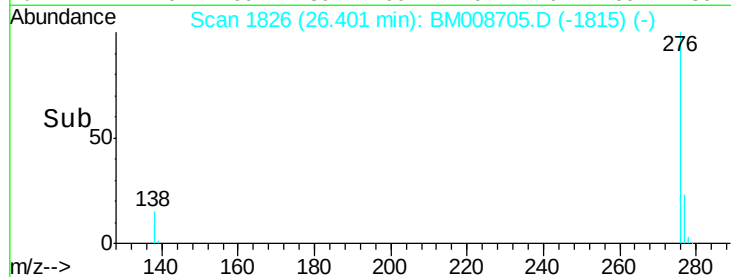
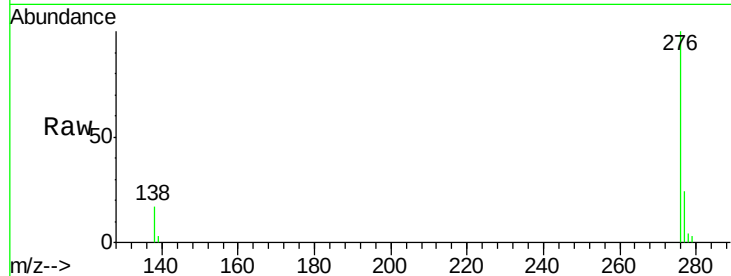
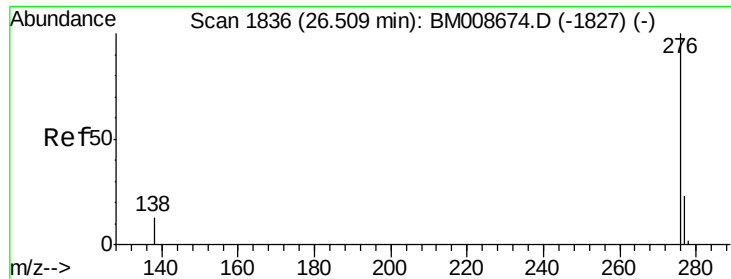
mohammad
 12/30/2016 8:53:57 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.95 ng/ul
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.08 min
 Lab File: BM008705.D
 Acq: 28 Dec 2016 22:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.4	26.0
279	35.1	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 4.36 ng/ul

RT: 26.40 min Scan# 1826

Delta R.T. -0.08 min

Lab File: BM008705.D

Acq: 28 Dec 2016 22:09

Instrument :

BNA_M

ClientSampleId :

DA7G4

Tgt Ion:	276	Resp:	26364
Ion Ratio		Lower	Upper
276	100		
277	24.5	21.8	32.8
138	16.9	20.5	30.7#

Manual Integrations
APPROVED

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12/30/2016 8:53:57 AM

