

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008157.D
 Acq On : 02 Dec 2016 15:39
 Operator : UM/SJ
 Sample : H5730-10MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

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Quant Time: Dec 02 17:57:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 15:28:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	632	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2129	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1258	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2266m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.28	240	2037	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1806m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	784	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1484	0.23	ng/ul	-0.02
Target Compounds						
7) Acenaphthylene	14.04	152	430	0.08	ng/ul#	71
8) Acenaphthene	14.38	153	1096	0.25	ng/ul	92
11) Pentachlorophenol	16.76	266	166	0.21	ng/ul	97
12) Phenanthrene	17.12	178	2400	0.34	ng/ul	94
13) Anthracene	17.21	178	639	0.10	ng/ul#	80
15) Fluoranthene	19.14	202	4834	0.53	ng/ul	97
17) Pyrene	19.51	202	6809	0.96	ng/ul	99
18) Benzo(a)anthracene	21.26	228	2217	0.35	ng/ul	93
19) Chrysene	21.31	228	2294m	0.29	ng/ul	
21) Benzo(b)fluoranthene	22.85	252	3184m	0.44	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1330m	0.18	ng/ul	
23) Benzo(a)pyrene	23.41	252	2318m	0.34	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	1669m	0.20	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	508m	0.08	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	1226m	0.17	ng/ul	

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

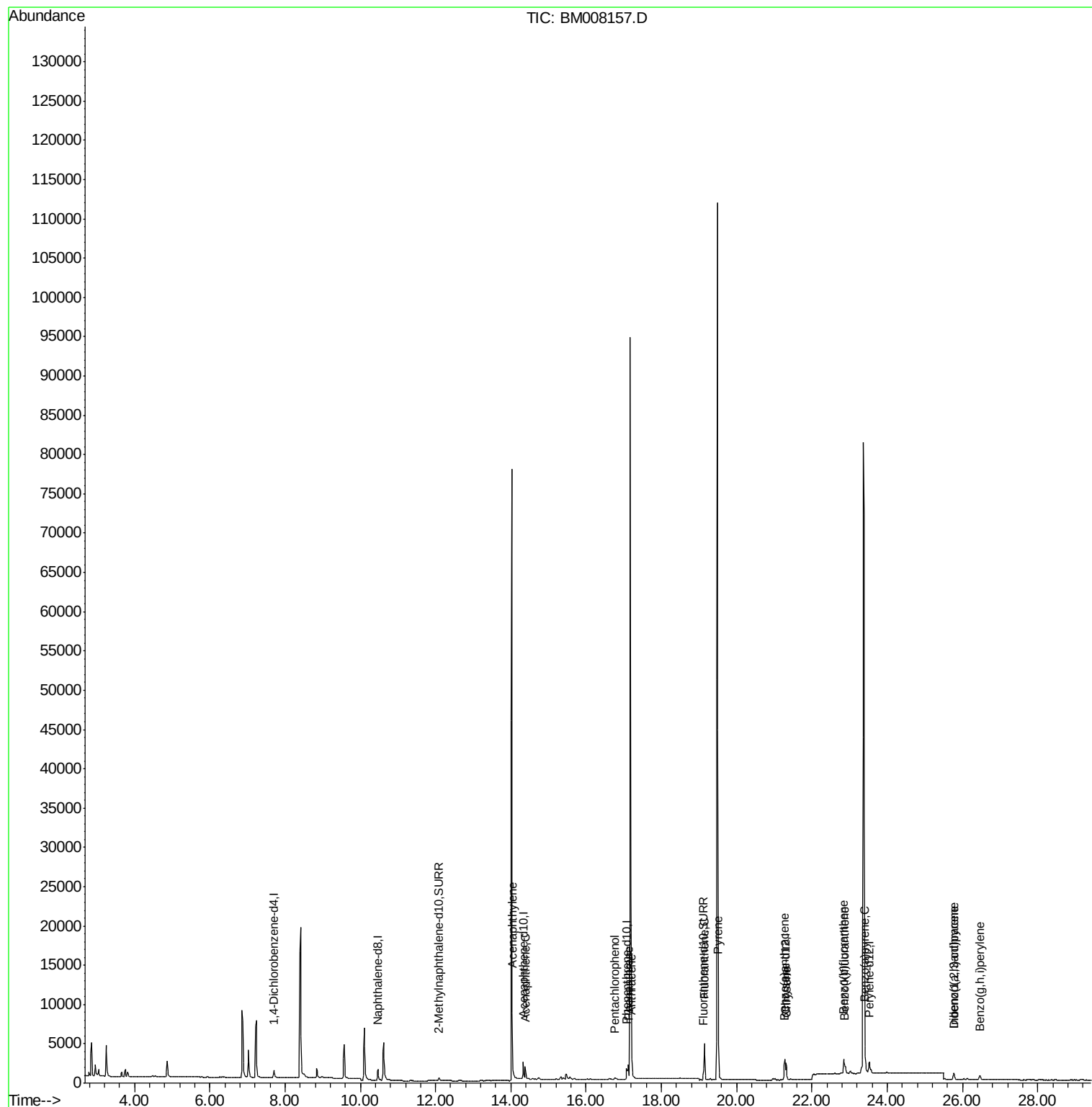
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008157.D
Acq On : 02 Dec 2016 15:39
Operator : UM/SJ
Sample : H5730-10MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

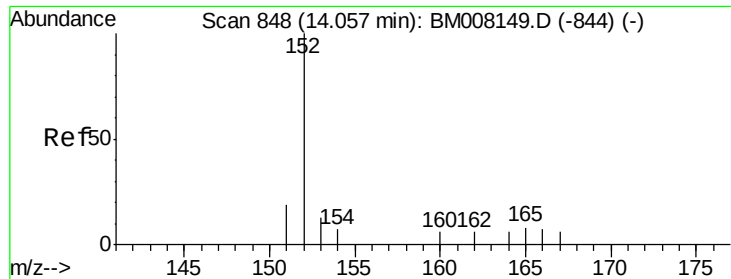
Instrument :
BNA_M
ClientSampleId :
A4WH6MS

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Quant Time: Dec 02 17:57:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 15:28:31 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

Instrument :

BNA_M

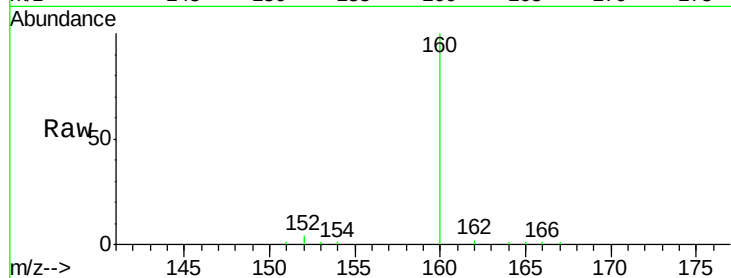
ClientSampleId :

A4WH6MS

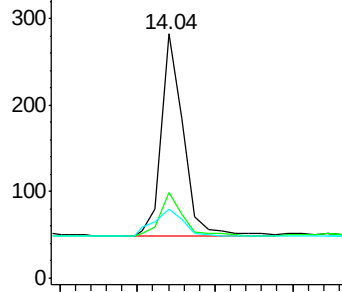
Tgt Ion:	152	Resp:	430
Ion Ratio	Lower	Upper	
152	100		
151	35.1	17.1	25.7#
153	28.4	12.8	19.2#

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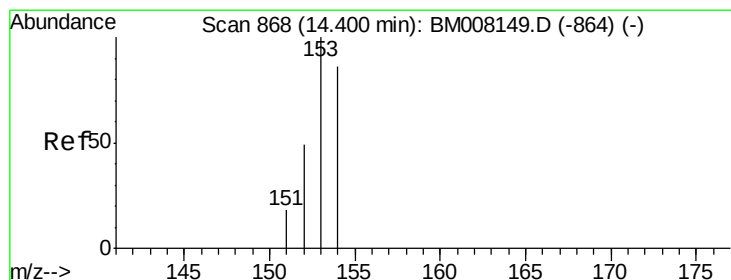
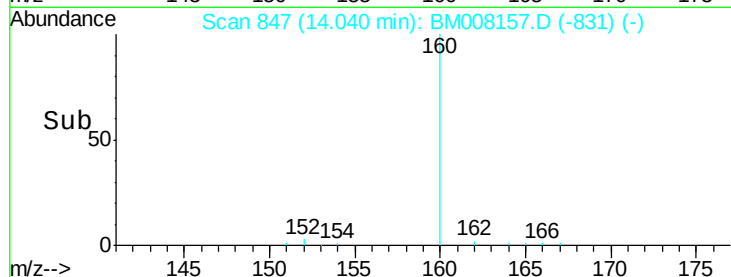
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 13.90 14.00 14.10 14.20



#8

Acenaphthene

Concen: 0.25 ng/ul

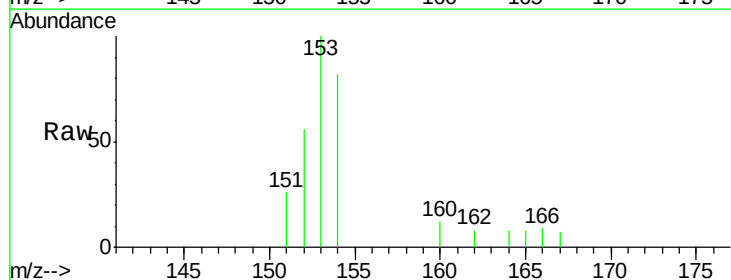
RT: 14.38 min Scan# 867

Delta R.T. -0.02 min

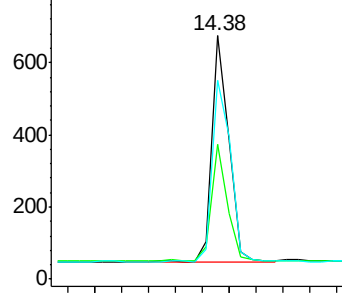
Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

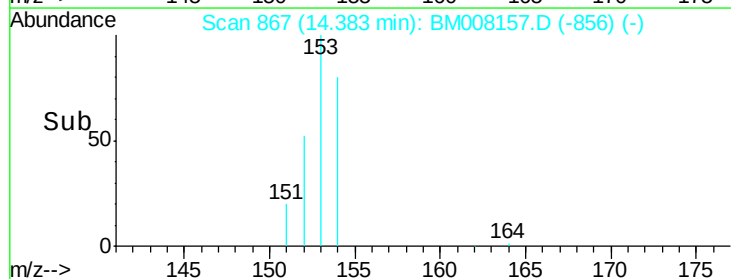
Tgt Ion:	153	Resp:	1096
Ion Ratio	Lower	Upper	
153	100		
152	55.6	40.3	60.5
154	81.6	71.4	107.2

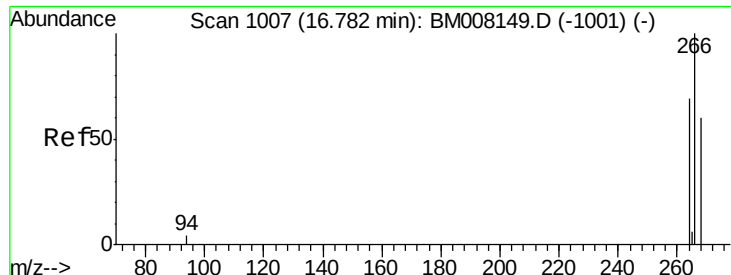


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.20 14.40





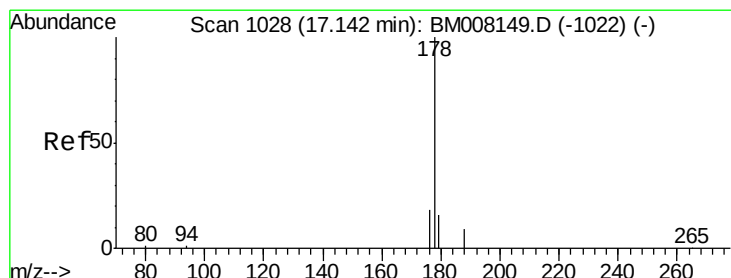
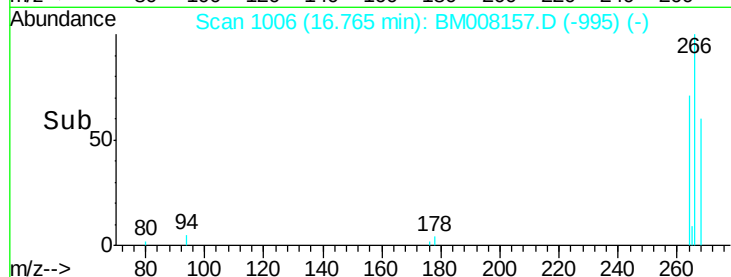
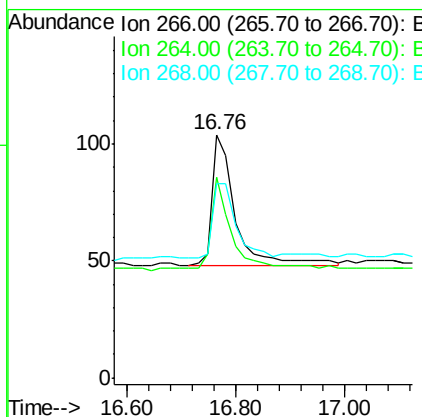
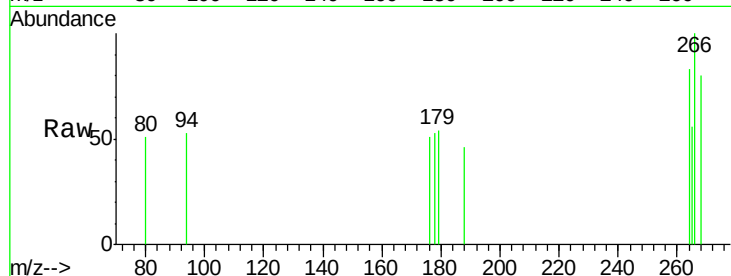
#11
 Pentachlorophenol
 Concen: 0.21 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Tgt Ion:	266	Resp:	166
Ion Ratio	Lower	Upper	
266	100		
264	57.2	47.9	71.9
268	59.6	49.8	74.8

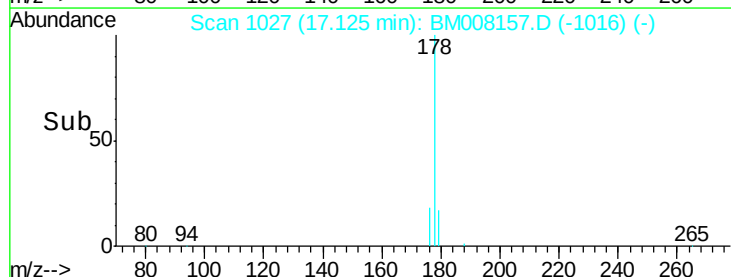
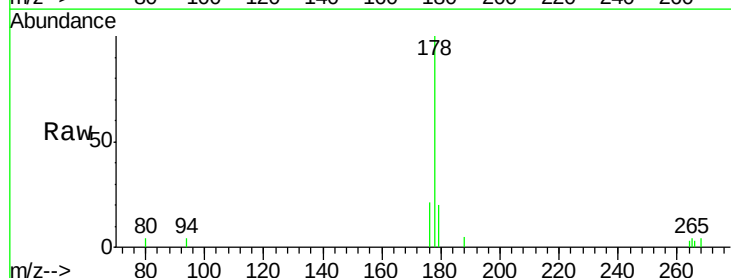
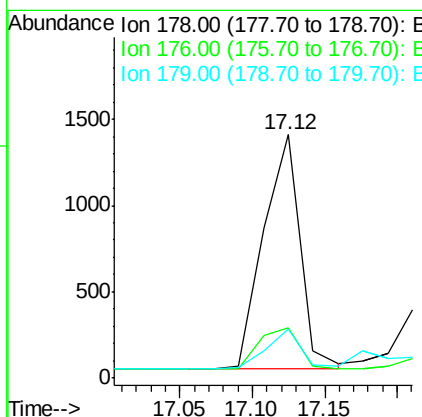
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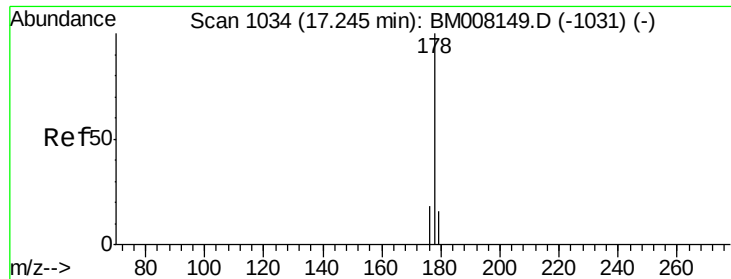
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#12
 Phenanthrene
 Concen: 0.34 ng/ul
 RT: 17.12 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Tgt Ion:	178	Resp:	2400
Ion Ratio	Lower	Upper	
178	100		
176	20.6	18.4	27.6
179	20.0	13.6	20.4





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

Instrument :

BNA_M

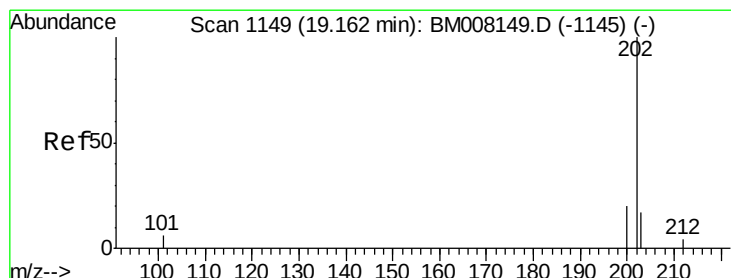
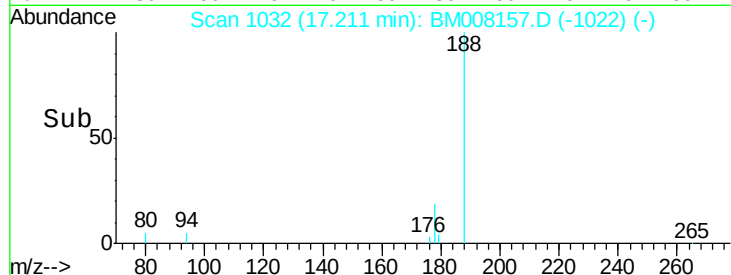
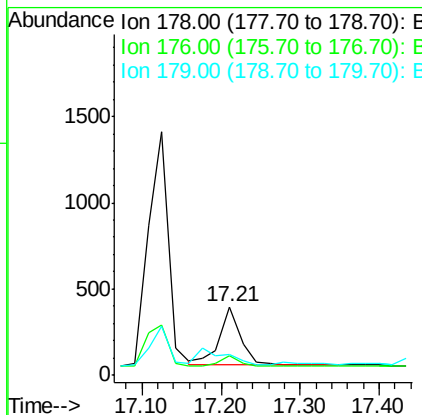
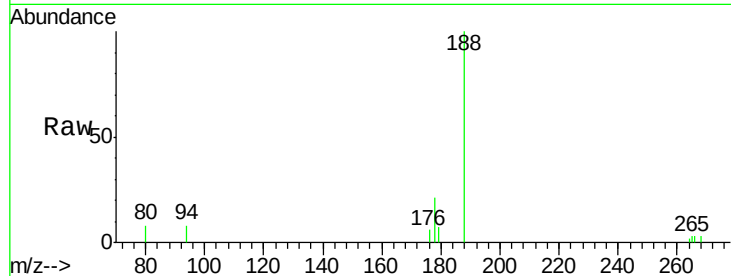
ClientSampleId :

A4WH6MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	28.9	18.1	27.1#
179	31.4	14.7	22.1#

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#15

Fluoranthene

Concen: 0.53 ng/ul

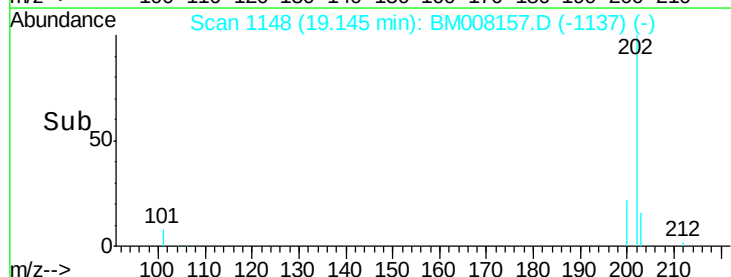
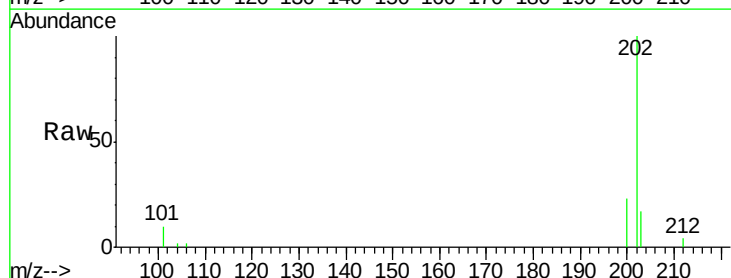
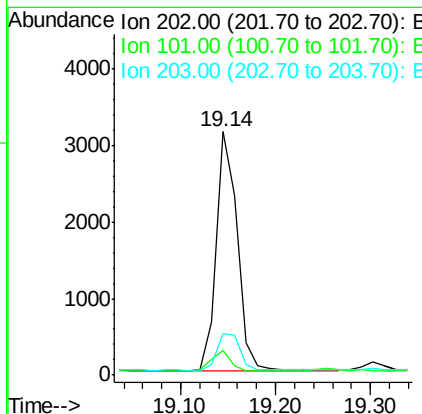
RT: 19.14 min Scan# 1148

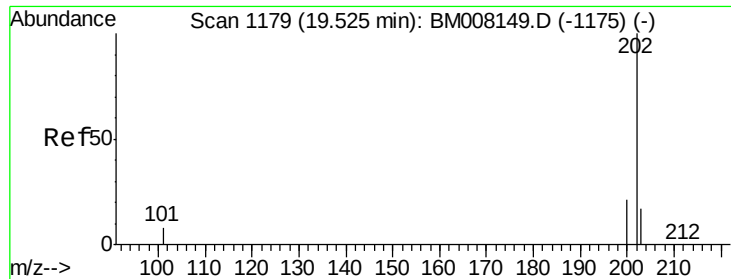
Delta R.T. -0.02 min

Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.2	0.0	39.5





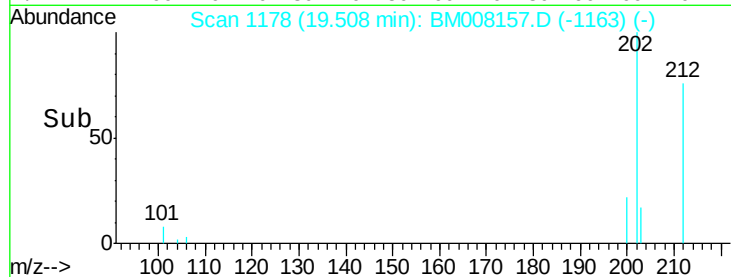
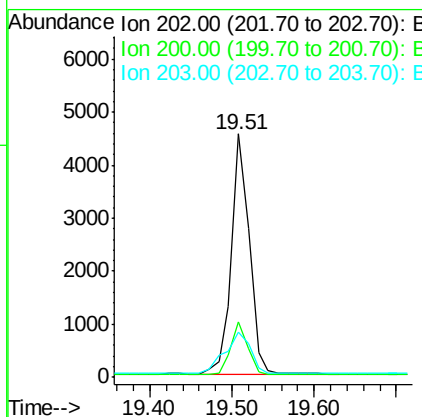
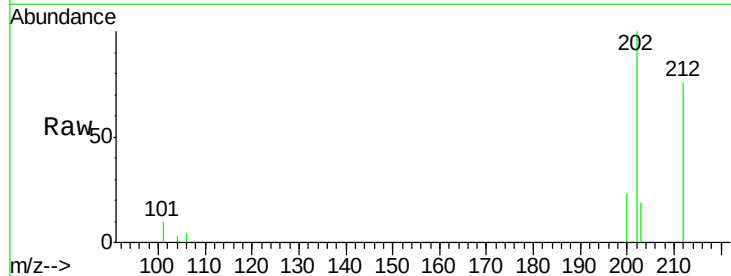
#17
 Pyrene
 Concen: 0.96 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Tgt Ion:	202	Resp:	6809
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.4
203	18.6	15.6	23.4

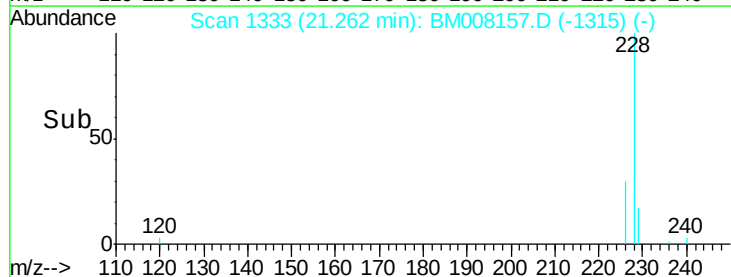
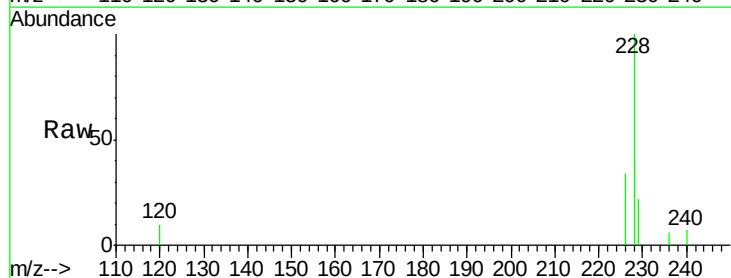
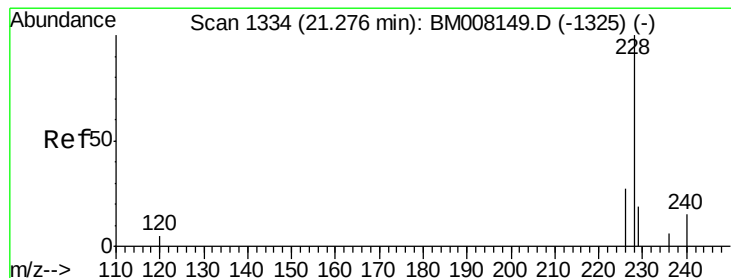
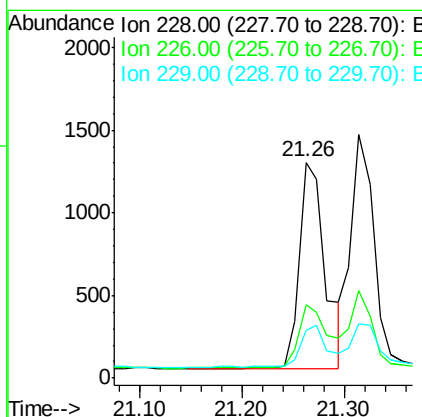
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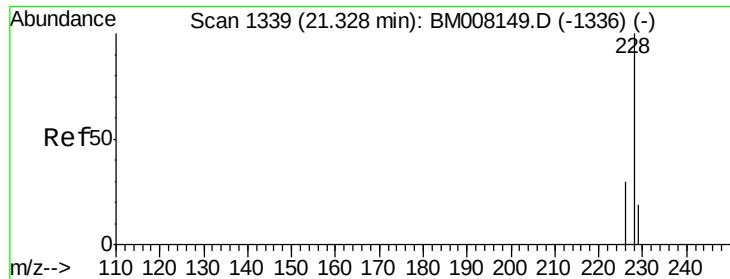
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#18
 Benzo(a)anthracene
 Concen: 0.35 ng/ul
 RT: 21.26 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Tgt Ion:	228	Resp:	2217
Ion Ratio	Lower	Upper	
228	100		
226	34.2	22.8	34.2
229	22.4	17.0	25.6





#19

Chrysene

Concen: 0.29 ng/ul m

RT: 21.31 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

Instrument :

BNA_M

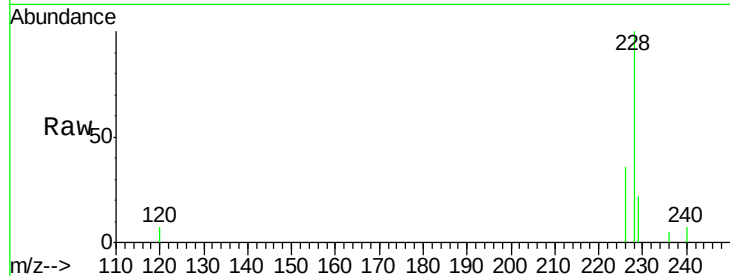
ClientSampleId :

A4WH6MS

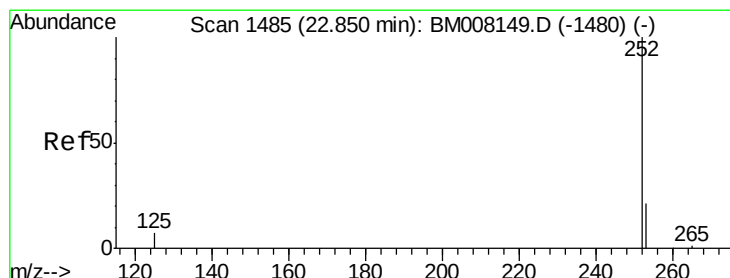
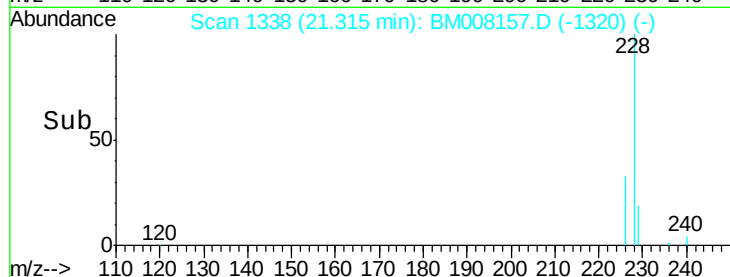
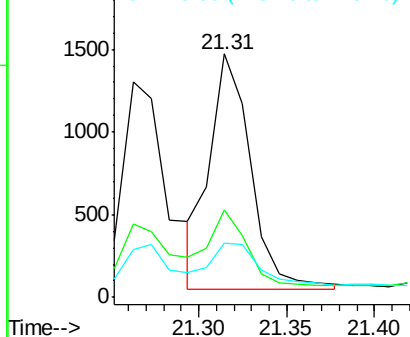
Tgt Ion:	228	Resp:	2294
Ion Ratio	Lower	Upper	
228	100		
226	35.8	23.4	35.0#
229	22.1	17.7	26.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.44 ng/ul m

RT: 22.85 min Scan# 1485

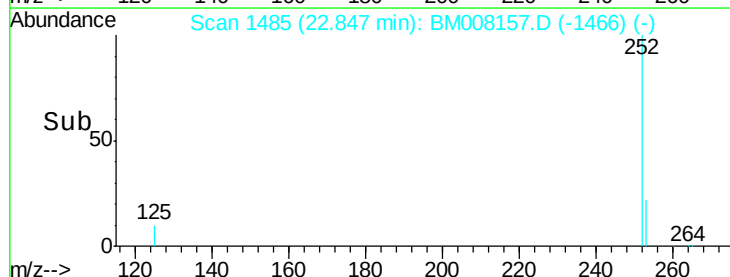
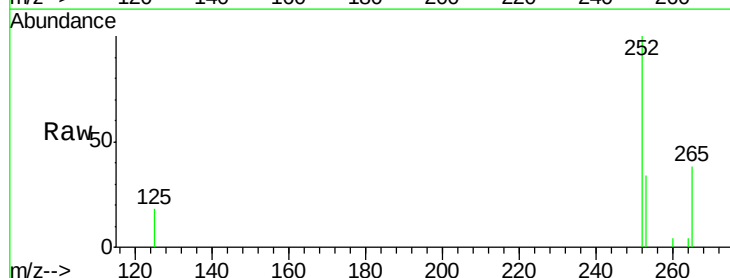
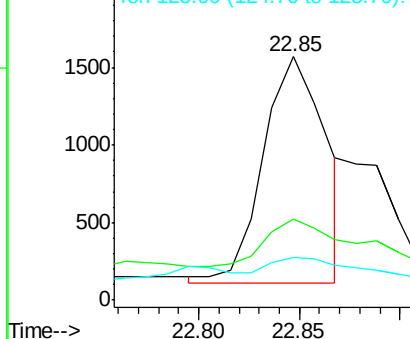
Delta R.T. -0.00 min

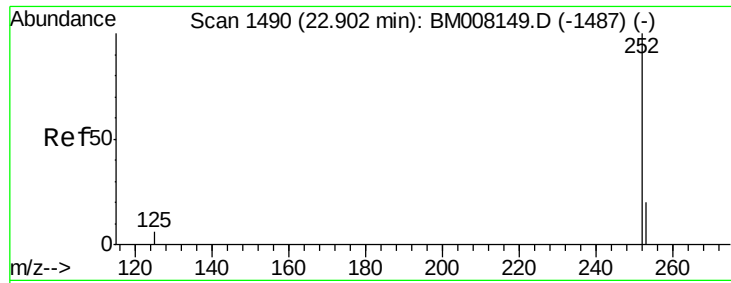
Lab File: BM008157.D

Acq: 02 Dec 2016 15:39

Tgt Ion:	252	Resp:	3184
Ion Ratio	Lower	Upper	
252	100		
253	33.5	0.0	64.2
125	17.6	0.0	35.0

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





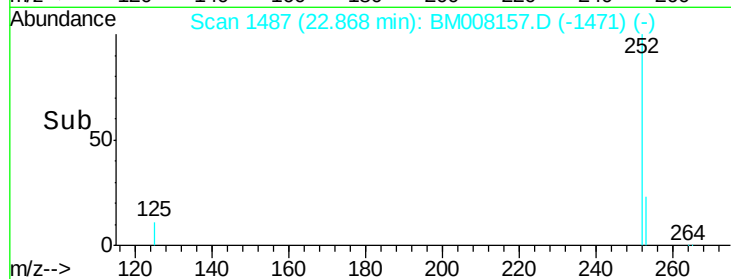
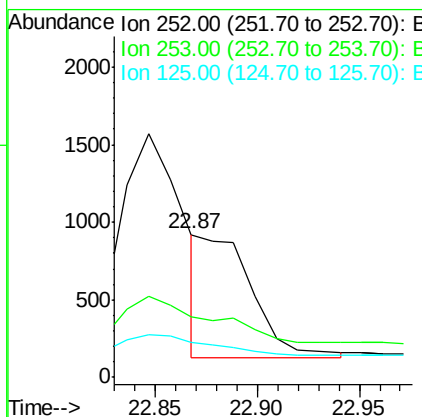
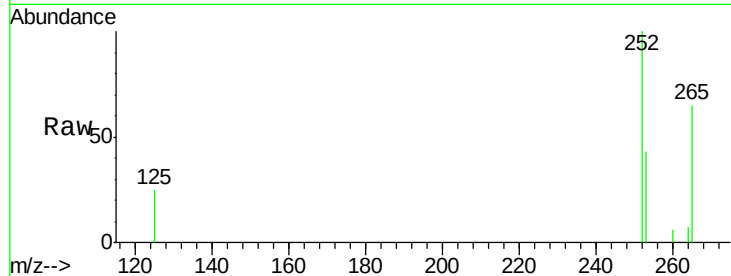
#22
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BM008157.D
Acq: 02 Dec 2016 15:39

Instrument :
BNA_M
ClientSampleId :
A4WH6MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.8	24.5	36.7#
125	24.5	13.7	20.5#

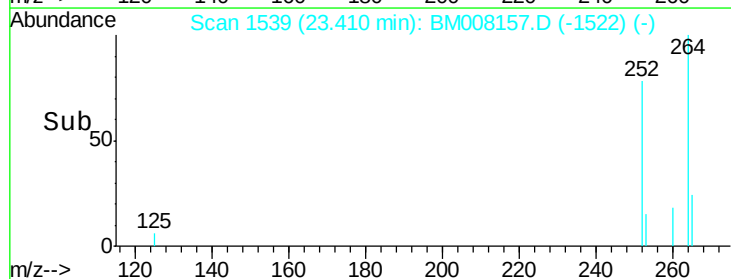
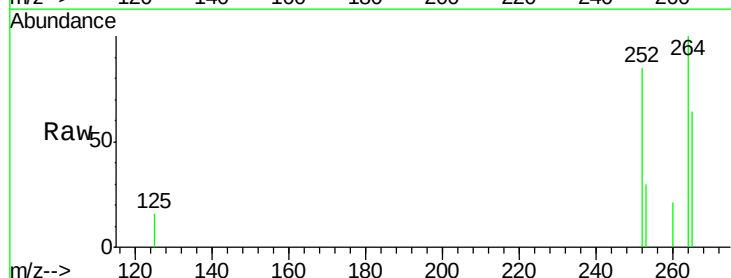
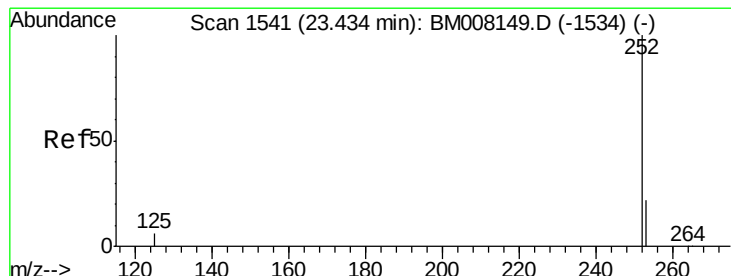
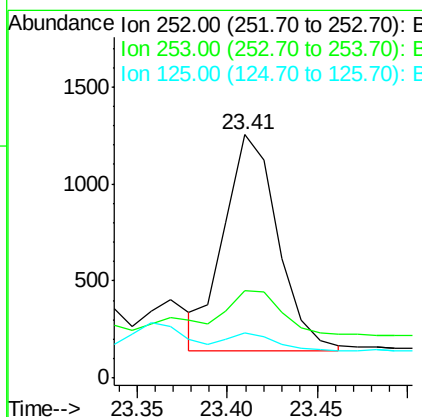
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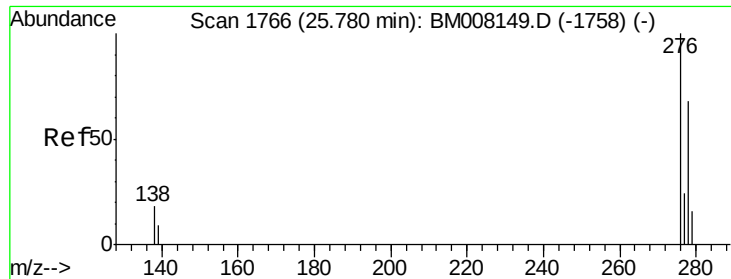
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#23
Benzo(a)pyrene
Concen: 0.34 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008157.D
Acq: 02 Dec 2016 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.7	28.5	42.7
125	18.3	18.1	27.1





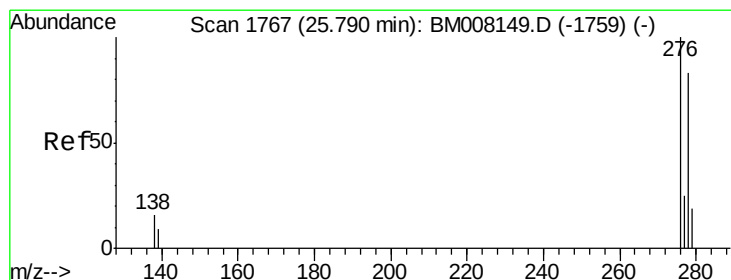
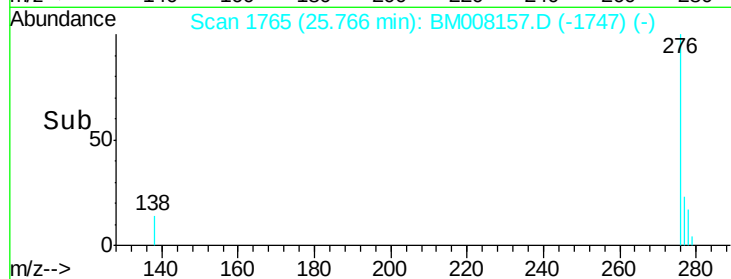
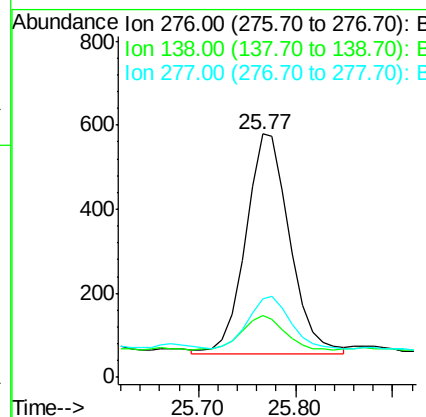
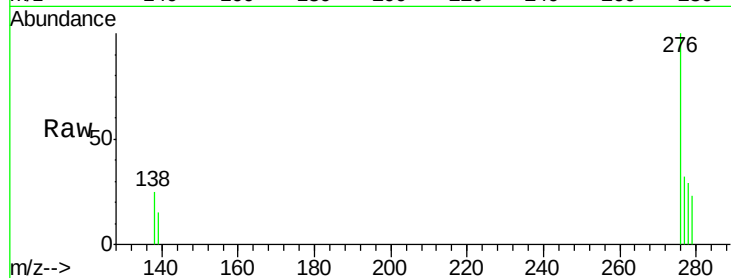
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.20 ng/ul m
 RT: 25.77 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	19.1	28.7#
277	59.1	19.6	29.4#

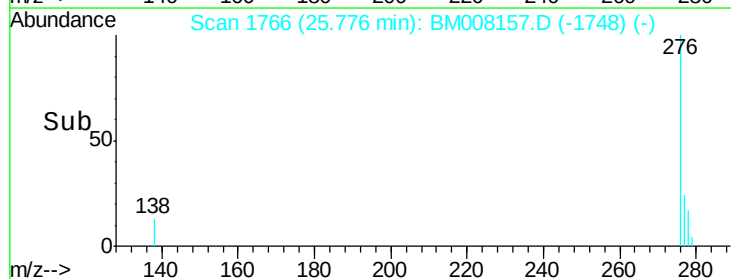
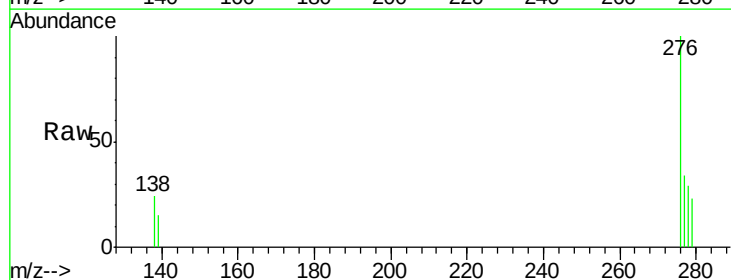
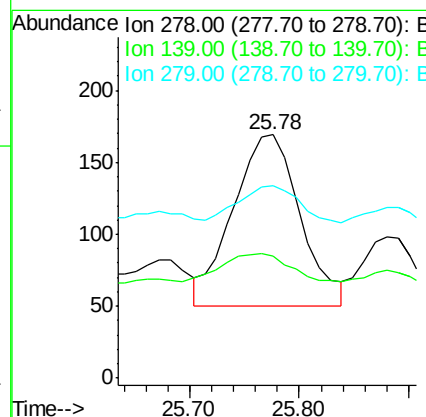
Manual Integrations
 APPROVED

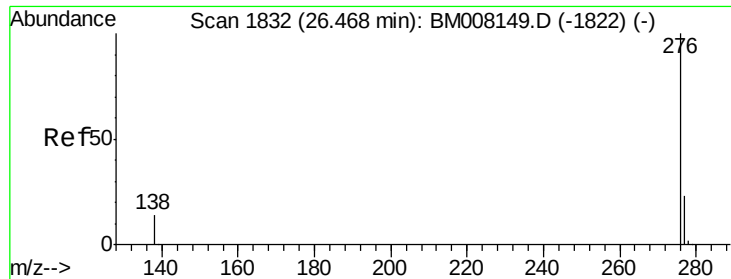
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul m
 RT: 25.78 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BM008157.D
 Acq: 02 Dec 2016 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	50.3	17.4	26.0#
279	79.3	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul m
RT: 26.46 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM008157.D
Acq: 02 Dec 2016 15:39

Instrument :
BNA_M
ClientSampleId :
A4WH6MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.6	21.8	32.8#
138	28.0	20.5	30.7

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