

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
 Data File : BM008718.D
 Acq On : 29 Dec 2016 13:39
 Operator : UM/SJ
 Sample : H6067-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Manual Integrations
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 12/30/2016 8:42:43 AM

Quant Time: Dec 30 02:49:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	320m	0.40	ng/ul	-0.15
2) Naphthalene-d8	10.49	136	1086m	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	653m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.06	188	1425m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1347m	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	1323m	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	60m	0.04	ng/ul	-0.05
14) Fluoranthene-d10	19.10	212	271m	0.07	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.54	128	695m	0.23	ng/ul	
5) 2-Methylnaphthalene	12.17	142	700m	0.34	ng/ul	
7) Acenaphthylene	14.02	152	371m	0.13	ng/ul	
12) Phenanthrene	17.09	178	2303m	0.53	ng/ul	
13) Anthracene	17.19	178	374m	0.09	ng/ul	
15) Fluoranthene	19.12	202	2465m	0.46	ng/ul	
17) Pyrene	19.48	202	2888m	0.55	ng/ul	
18) Benzo(a)anthracene	21.24	228	1490m	0.34	ng/ul	
19) Chrysene	21.29	228	2013m	0.42	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	2582m	0.50	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	644m	0.13	ng/ul	
23) Benzo(a)pyrene	23.40	252	1571m	0.33	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	1087m	0.19	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	1267m	0.26	ng/ul	

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

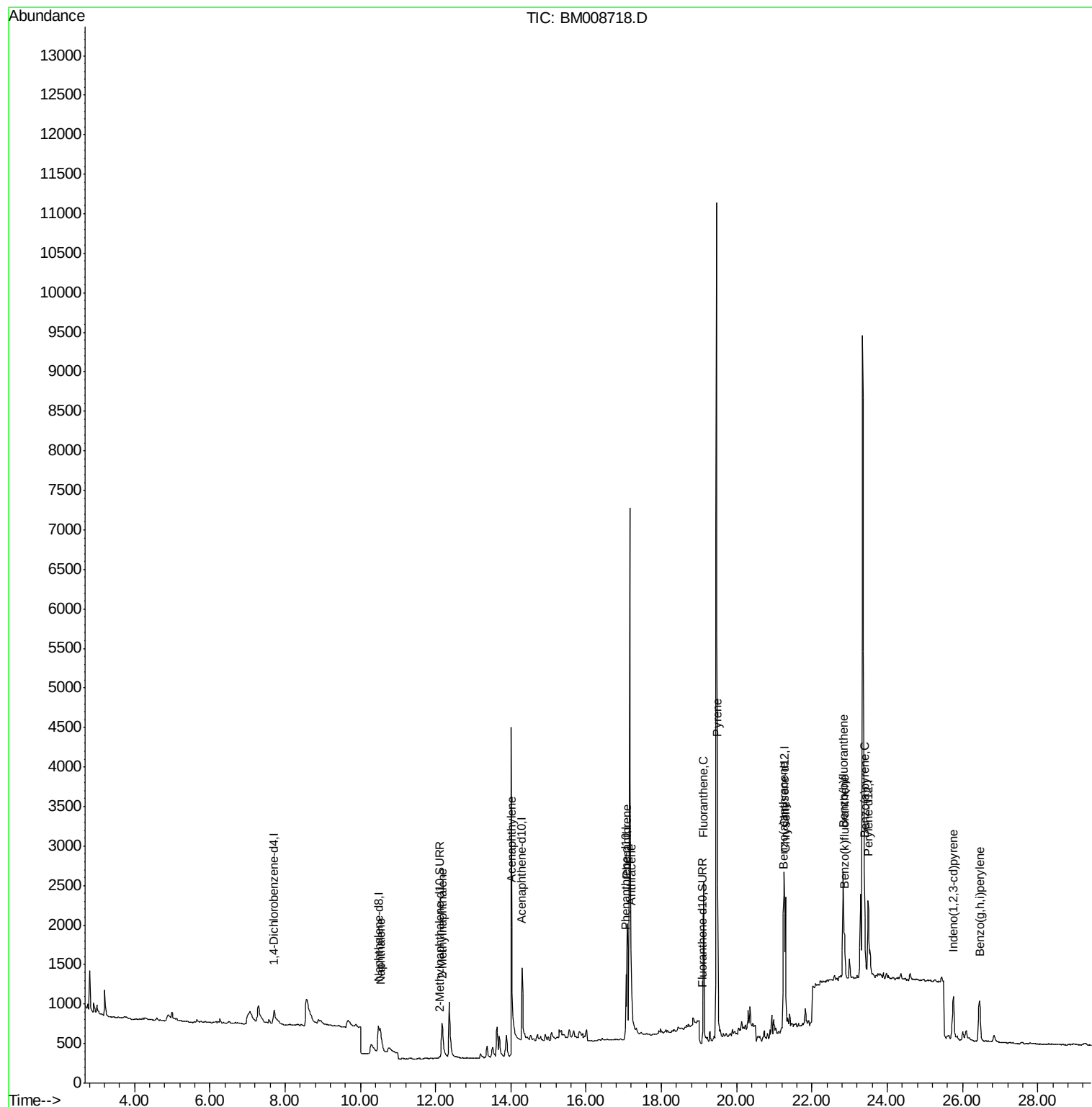
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
Data File : BM008718.D
Acq On : 29 Dec 2016 13:39
Operator : UM/SJ
Sample : H6067-14DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

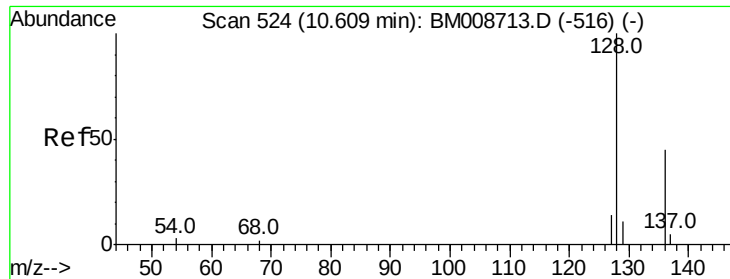
Instrument :
BNA_M
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DA7G5DL

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Quant Time: Dec 30 02:49:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.23 ng/ul m

RT: 10.54 min Scan# 518

Delta R.T. -0.07 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

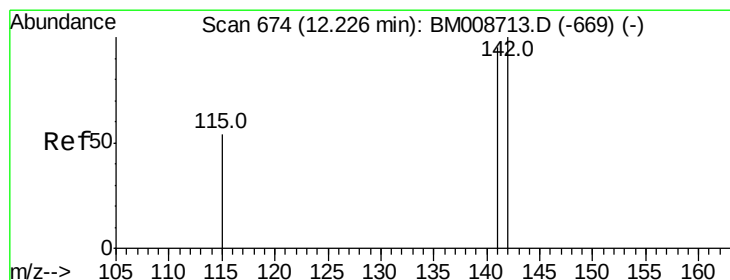
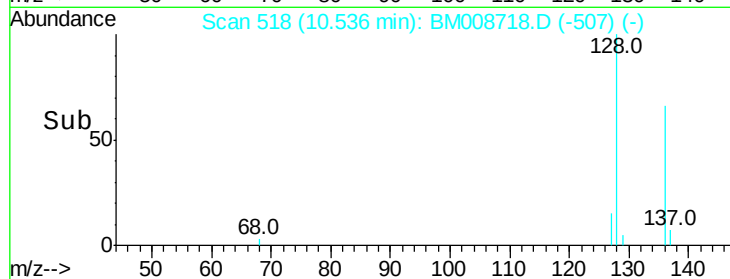
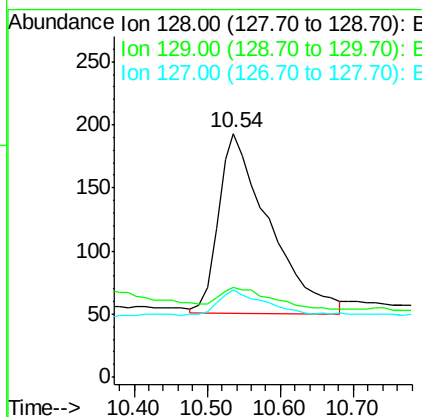
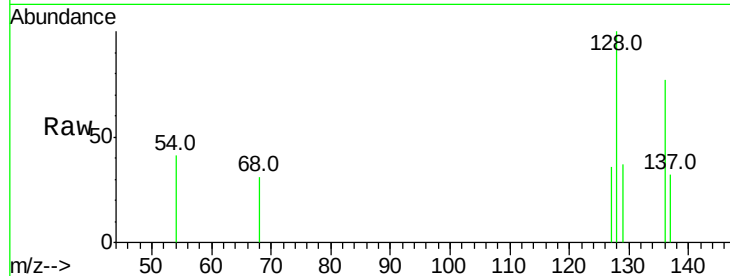
ClientSampleId :

DA7G5DL

Tot Ion:	128	Resp:	695
Ion	Ratio	Lower	Upper
128	100		
129	36.8	11.3	16.9#
127	35.8	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.34 ng/ul m

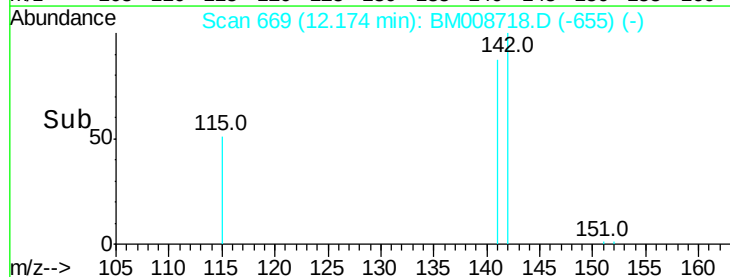
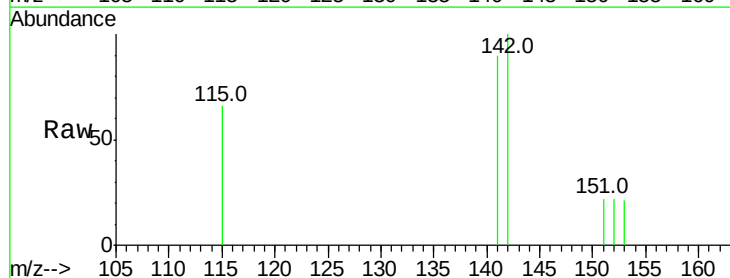
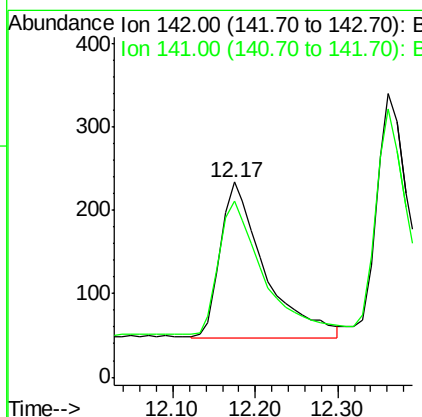
RT: 12.17 min Scan# 669

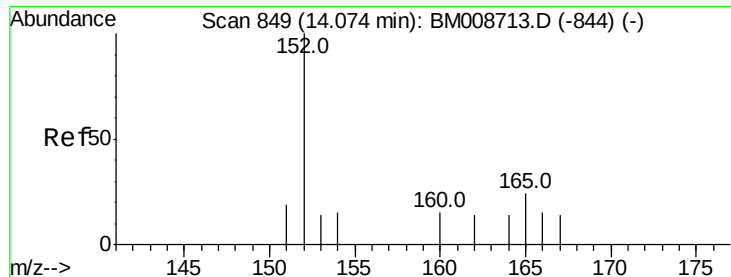
Delta R.T. -0.05 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Tgt Ion:	142	Resp:	700
Ion	Ratio	Lower	Upper
142	100		
141	0.1	72.6	108.8#





#7

Acenaphthylene

Concen: 0.13 ng/ul m

RT: 14.02 min Scan# 846

Delta R.T. -0.05 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

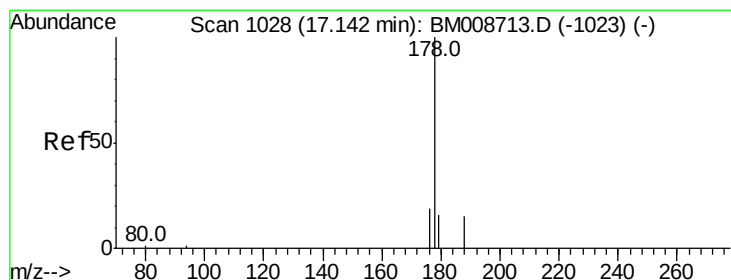
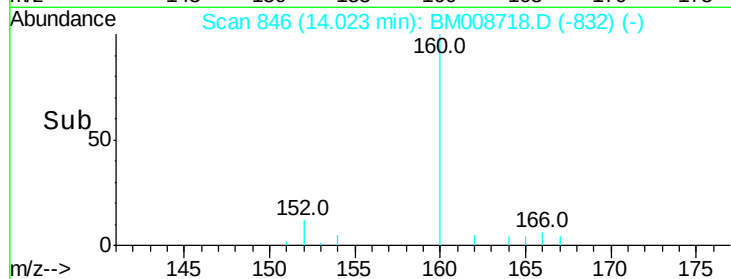
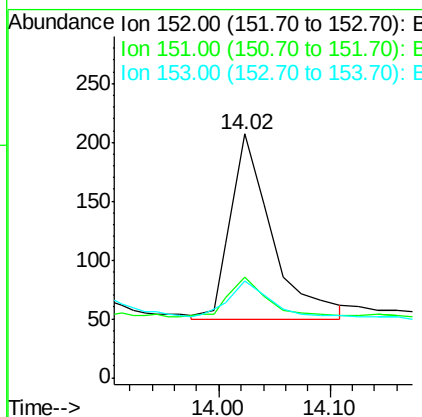
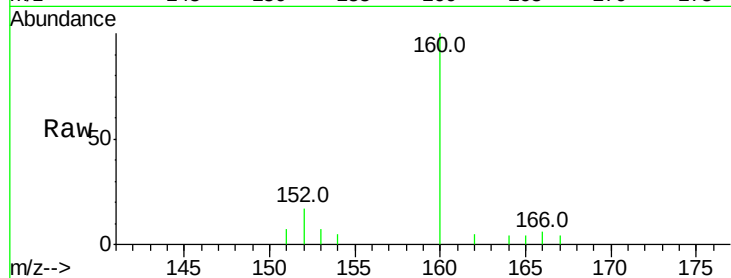
ClientSampleId :

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Tot Ion:	152	Resp:	371
Ion Ratio	Lower	Upper	
152	100		
151	41.1	17.1	25.7#
153	39.6	12.8	19.2#

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#12

Phenanthrene

Concen: 0.53 ng/ul m

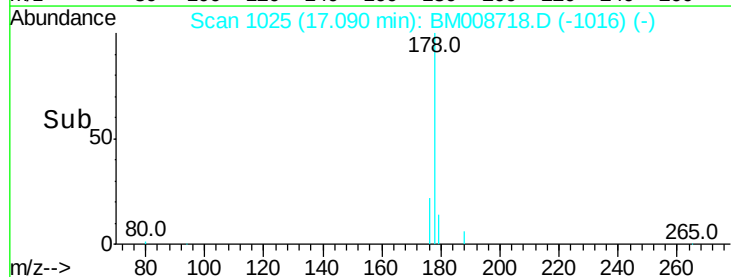
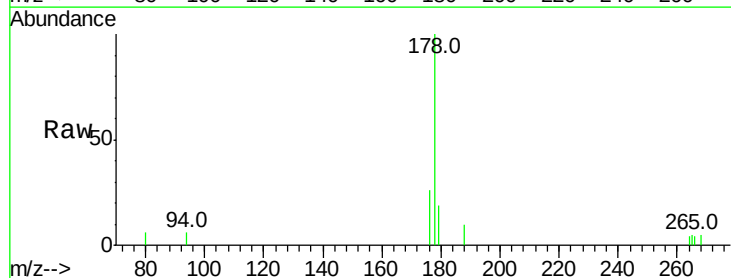
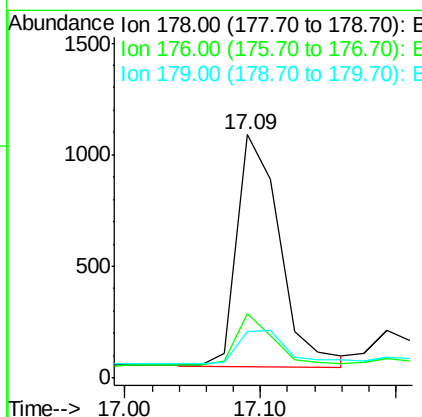
RT: 17.09 min Scan# 1025

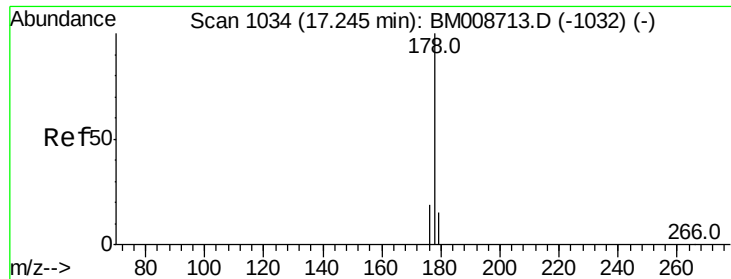
Delta R.T. -0.05 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Tgt Ion:	178	Resp:	2303
Ion Ratio	Lower	Upper	
178	100		
176	26.2	18.4	27.6
179	19.0	13.6	20.4





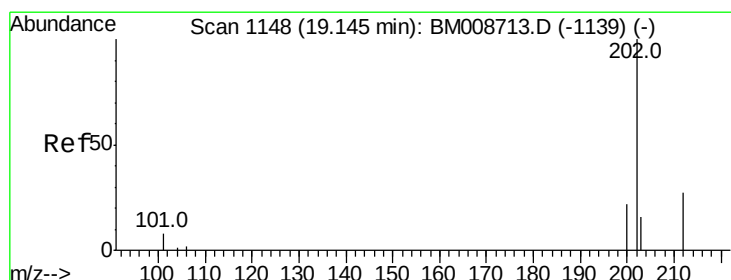
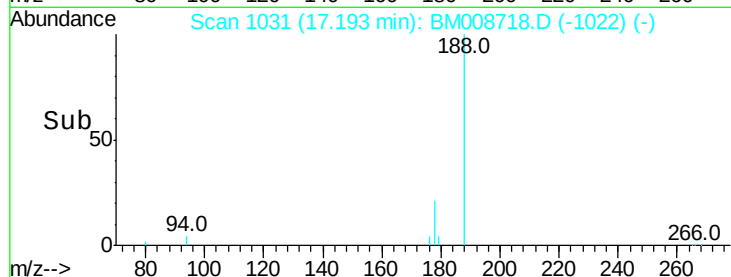
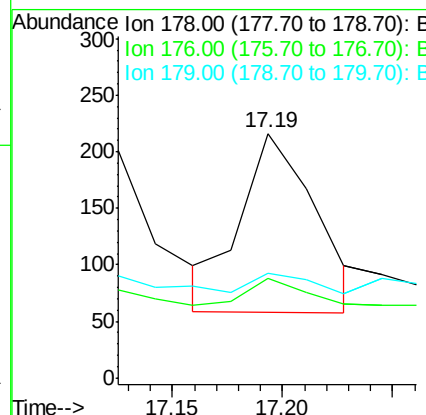
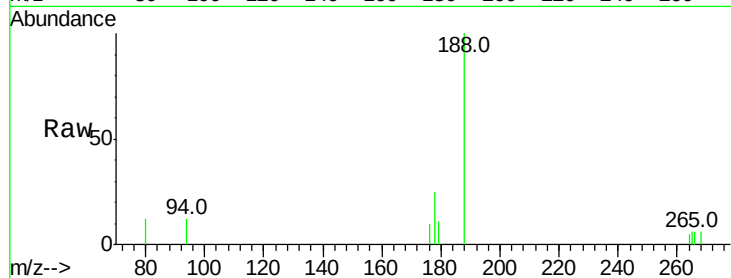
#13
 Anthracene
 Concen: 0.09 ng/ul m
 RT: 17.19 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BM008718.D
 Acq: 29 Dec 2016 13:39

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	40.7	18.1	27.1#
179	43.1	14.7	22.1#

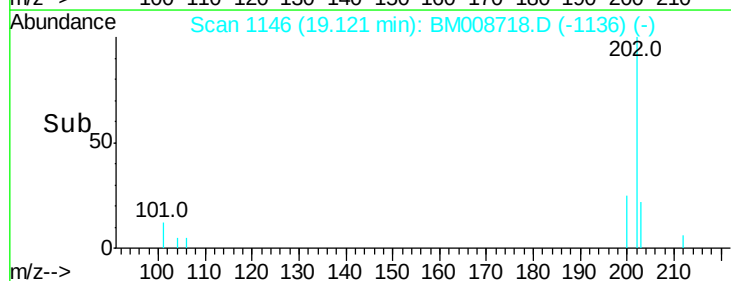
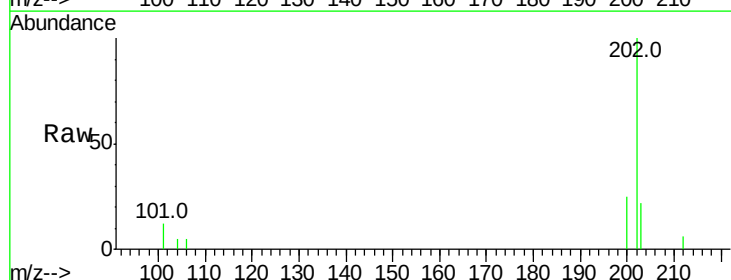
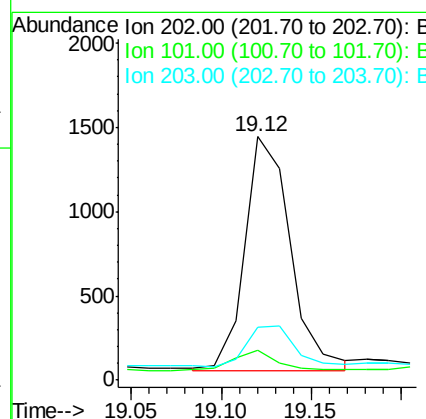
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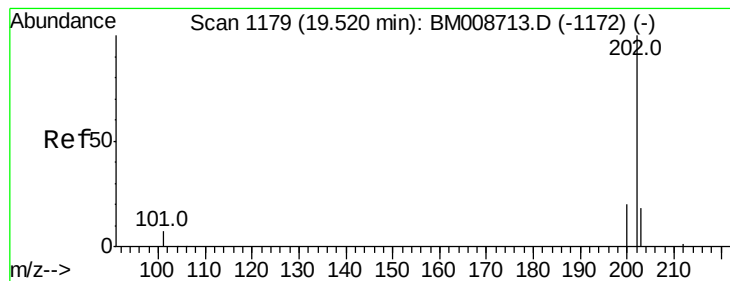
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#15
 Fluoranthene
 Concen: 0.46 ng/ul m
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BM008718.D
 Acq: 29 Dec 2016 13:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
203	21.7	0.0	39.5





#17

Pvrene

Concen: 0.55 ng/ul m

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

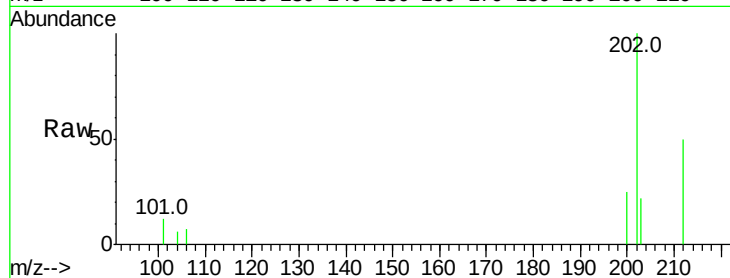
ClientSampleId :

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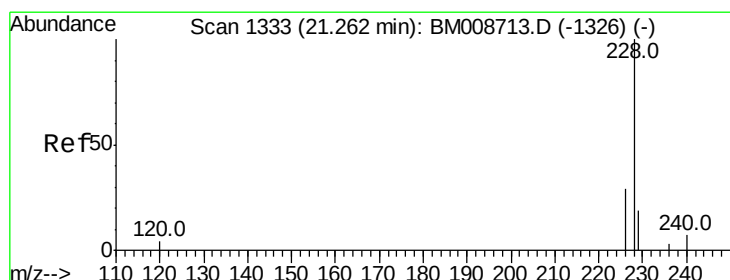
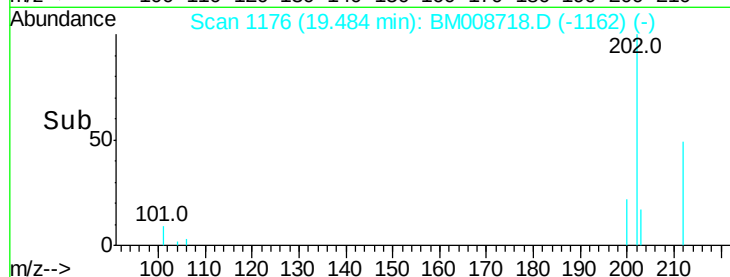
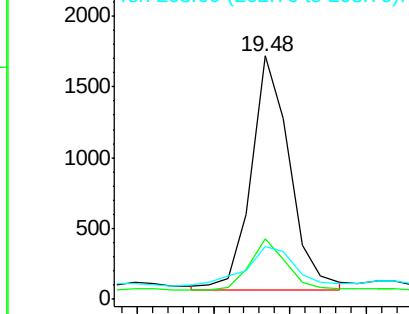
Tot Ion:	202	Resp:	2888
Ion Ratio	Lower	Upper	
202	100		
200	25.1	18.2	27.4
203	21.8	15.6	23.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#18

Benzo(a)anthracene

Concen: 0.34 ng/ul m

RT: 21.24 min Scan# 1331

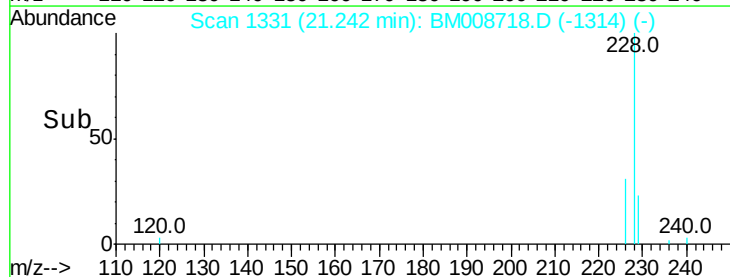
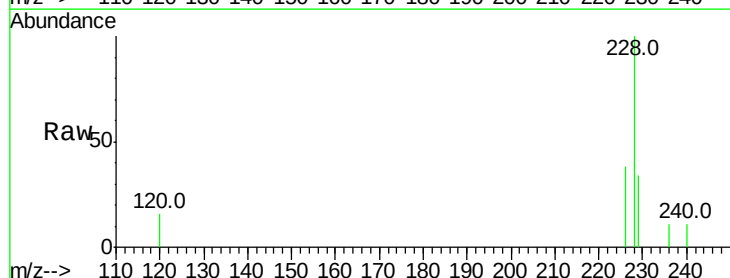
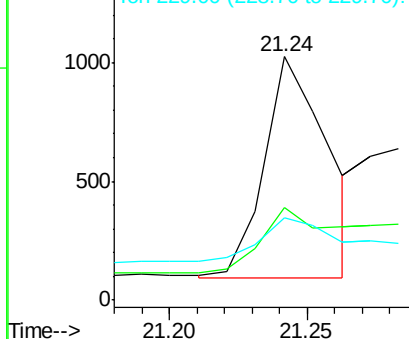
Delta R.T. -0.02 min

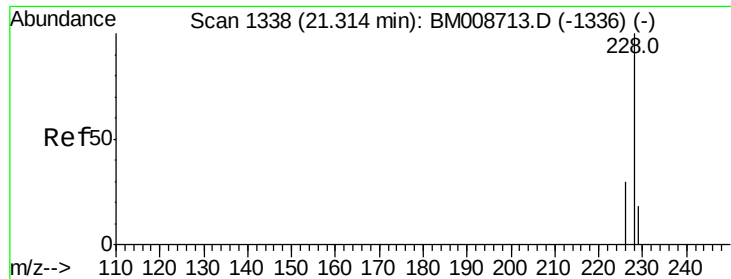
Lab File: BM008718.D

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Tgt Ion:	228	Resp:	1490
Ion Ratio	Lower	Upper	
228	100		
226	37.8	22.8	34.2#
229	33.7	17.0	25.6#

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





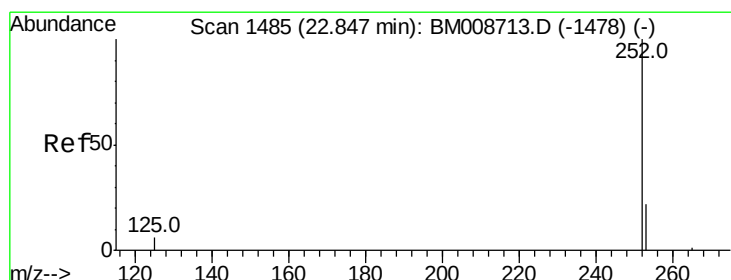
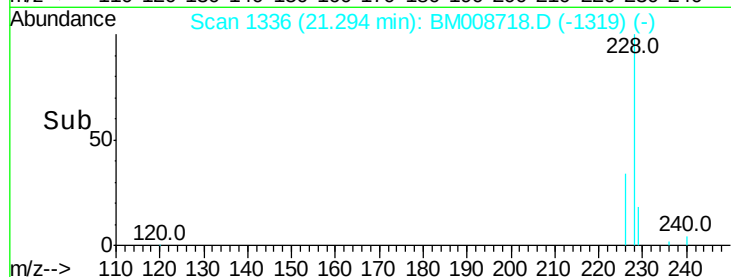
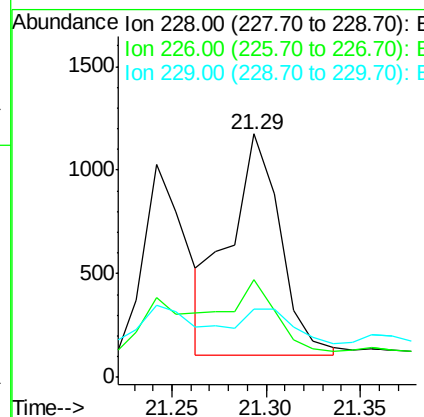
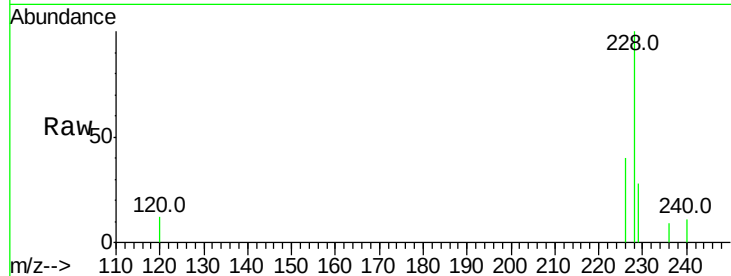
#19
Chrysene
Concen: 0.42 ng/ul m
RT: 21.29 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BM008718.D
Acq: 29 Dec 2016 13:39

Instrument :
BNA_M
ClientSampleId :
DA7G5DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.3	23.4	35.0#
229	28.3	17.7	26.5#

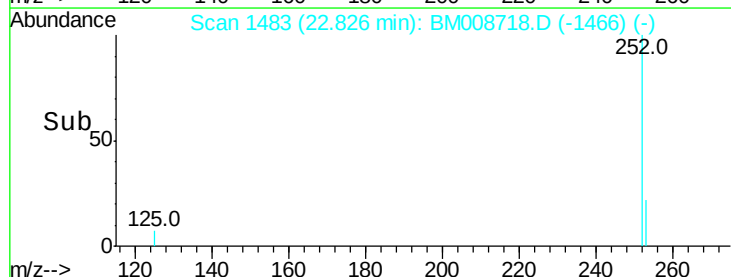
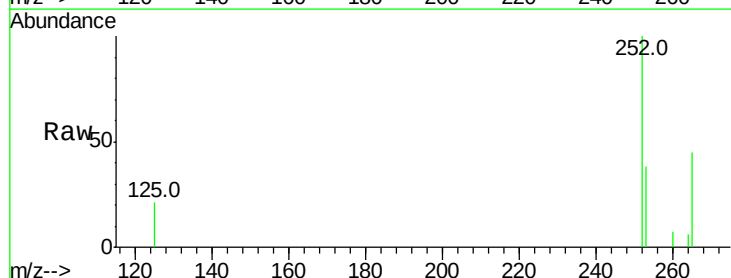
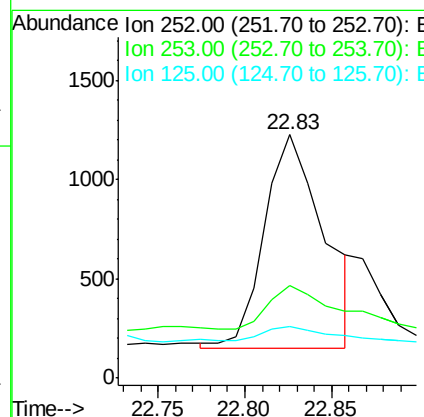
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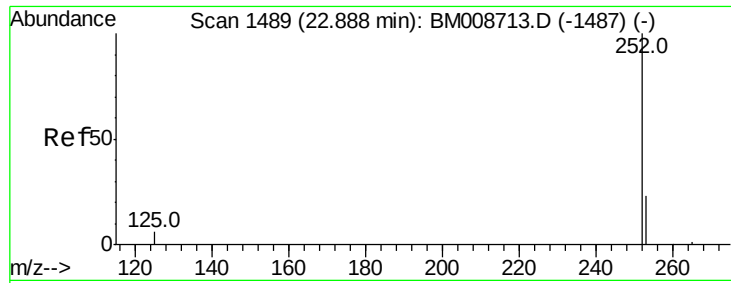
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#21
Benzo(b)fluoranthene
Concen: 0.50 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BM008718.D
Acq: 29 Dec 2016 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.9	0.0	64.2
125	21.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.13 ng/ul m

RT: 22.86 min Scan# 1486

Delta R.T. -0.03 min

Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Instrument :

BNA_M

ClientSampleId :

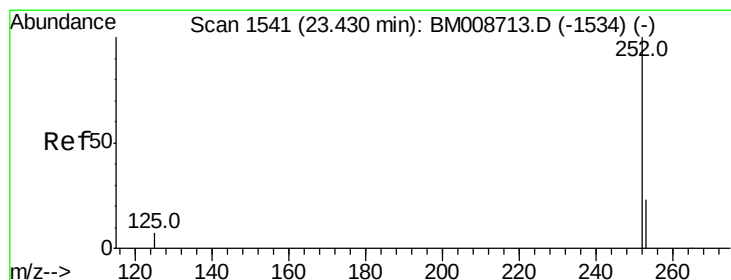
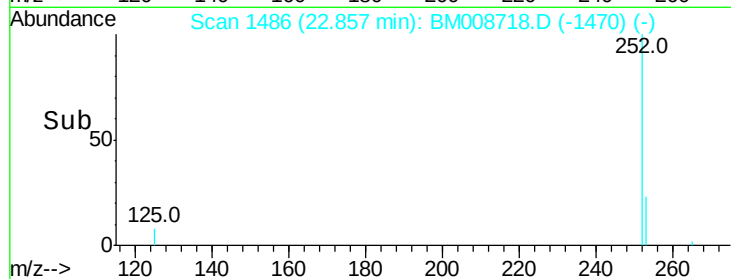
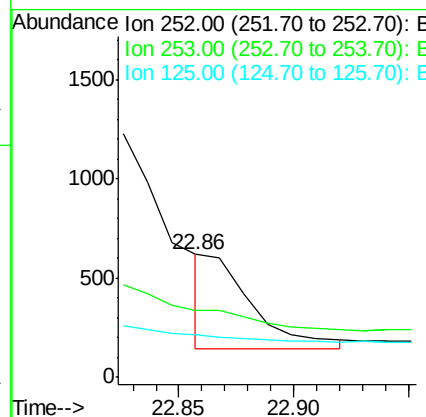
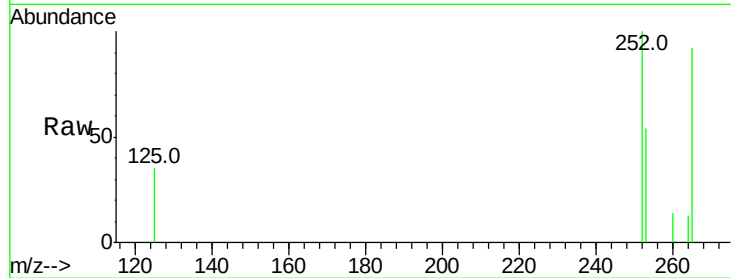
DA7G5DL

Tot Ion:252 Resp: 644

Ion	Ratio	Lower	Upper
252	100		
253	54.4	24.5	36.7#
125	34.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.33 ng/ul m

RT: 23.40 min Scan# 1538

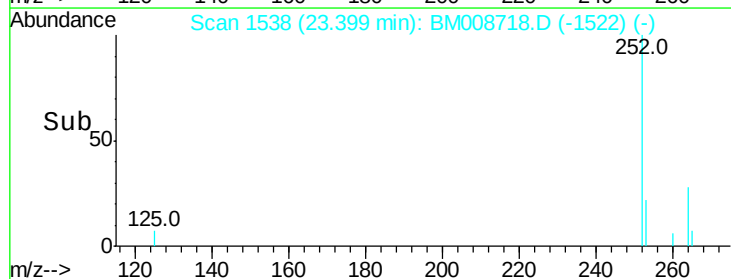
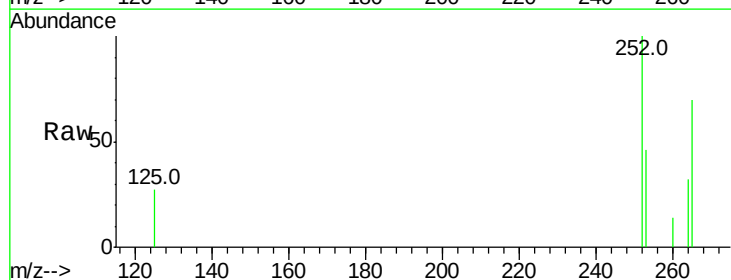
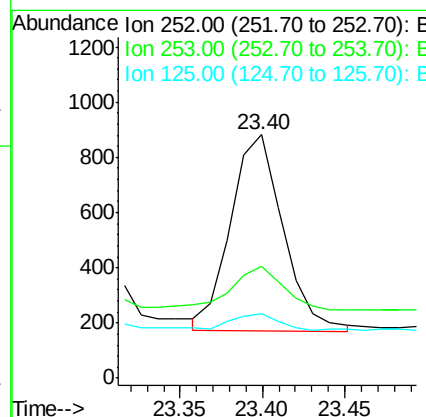
Delta R.T. -0.03 min

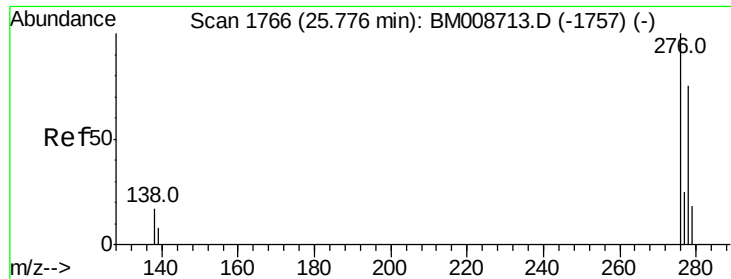
Lab File: BM008718.D

Acq: 29 Dec 2016 13:39

Tgt Ion:252 Resp: 1571

Ion	Ratio	Lower	Upper
252	100		
253	45.8	28.5	42.7#
125	26.5	18.1	27.1





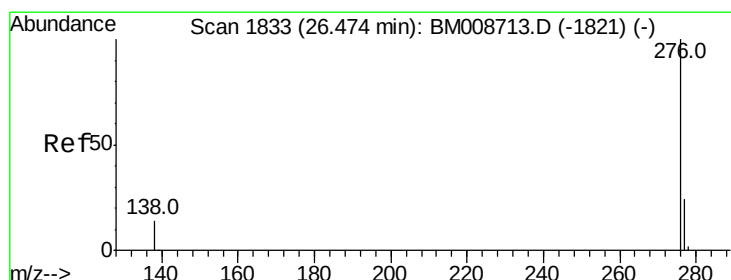
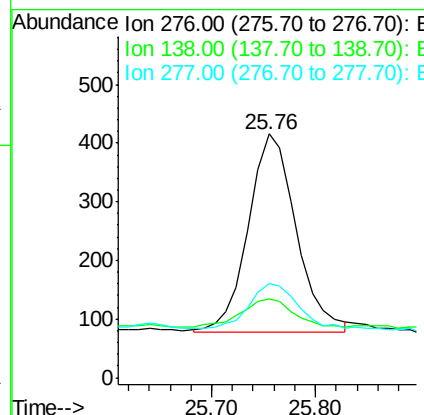
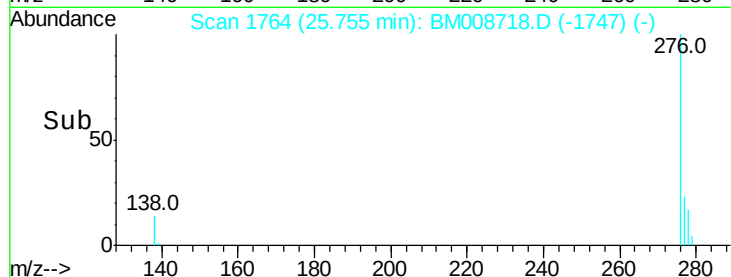
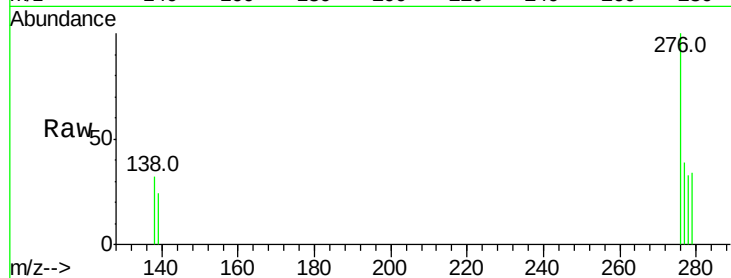
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.19 ng/ul m
 RT: 25.76 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BM008718.D
 Acq: 29 Dec 2016 13:39

Instrument :
 BNA_M
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 DA7G5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.26 ng/ul m
 RT: 26.45 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM008718.D
 Acq: 29 Dec 2016 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.1	21.8	32.8#
138	30.7	20.5	30.7

