

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008716.D
 Acq On : 29 Dec 2016 12:26
 Operator : UM/SJ
 Sample : H6067-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7F6DL

Quant Time: Dec 30 00:57:32 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	7.73	152	283	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.32	136	110	0.40	ng/ul	-0.23
6) Acenaphthene-d10	14.01	164	436	0.40	ng/ul	-0.33
10) Phenanthrene-d10	16.73	188	10	0.40	ng/ul	-0.38
16) Chrysene-d12	20.89	240	28	0.40	ng/ul	-0.40
20) Perylene-d12	23.01	264	55	0.40	ng/ul	-0.50

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	2	0.01	ng/ul	-0.25
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

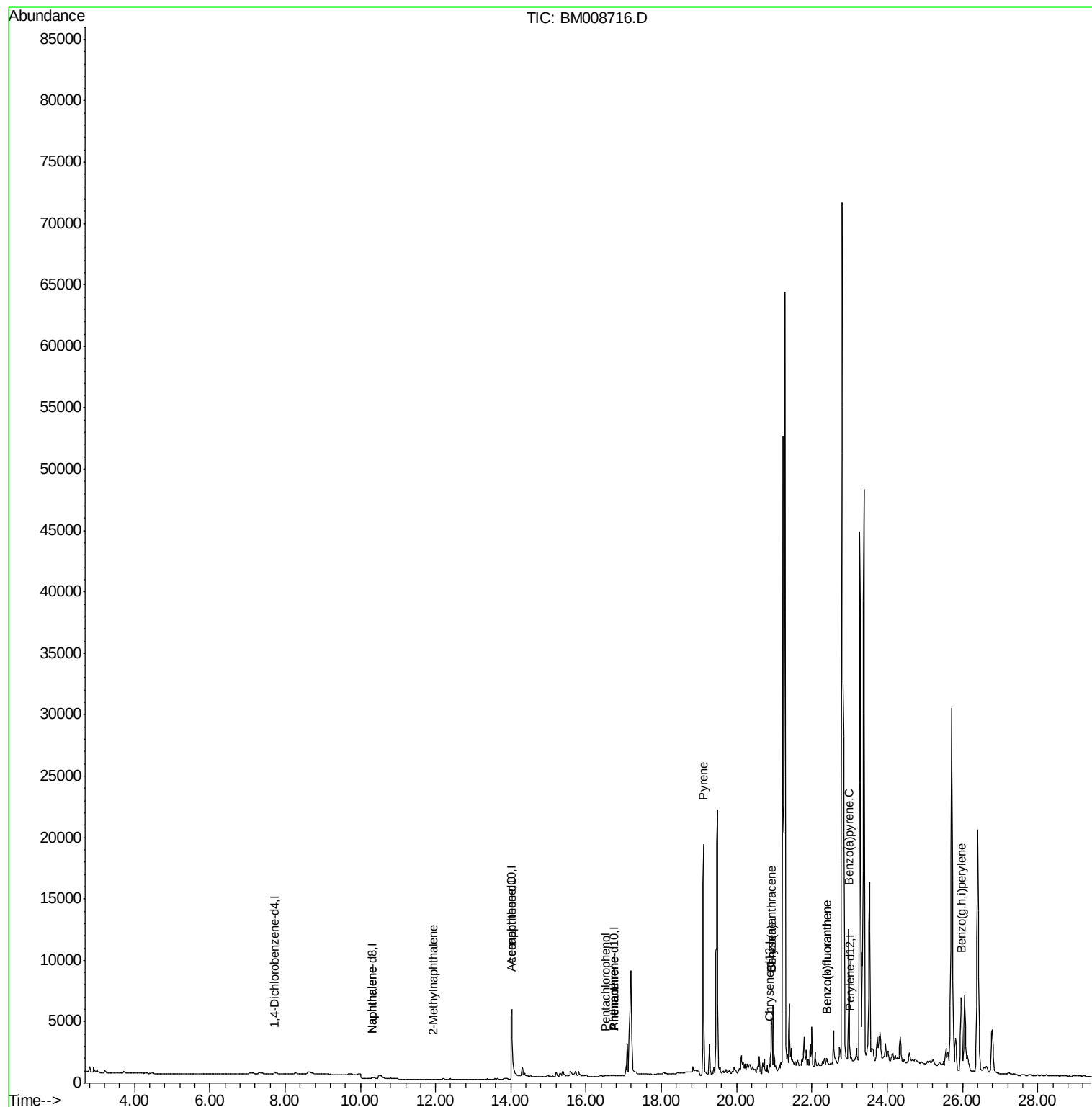
Target Compounds						Qvalue
3) Naphthalene	10.31	128	8	0.03	ng/ul#	1
5) 2-Methylnaphthalene	11.92	142	7	0.03	ng/ul#	4
8) Acenaphthene	14.02	153	1029	0.69	ng/ul#	1
11) Pentachlorophenol	16.51	266	2	0.64	ng/ul#	20
12) Phenanthrene	16.73	178	54	1.77	ng/ul#	1
13) Anthracene	16.73	178	183	6.17	ng/ul#	1
17) Pyrene	19.12	202	22020	203.45	ng/ul	96
18) Benzo(a)anthracene	20.92	228	4235	46.06	ng/ul#	53
19) Chrysene	20.92	228	4235	42.07	ng/ul#	55
21) Benzo(b)fluoranthene	22.39	252	654	3.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.39	252	654	3.10	ng/ul#	1
23) Benzo(a)pyrene	22.98	252	16019	79.77	ng/ul#	81
26) Benzo(g,h,i)perylene	25.96	276	2559	12.47	ng/ul#	69

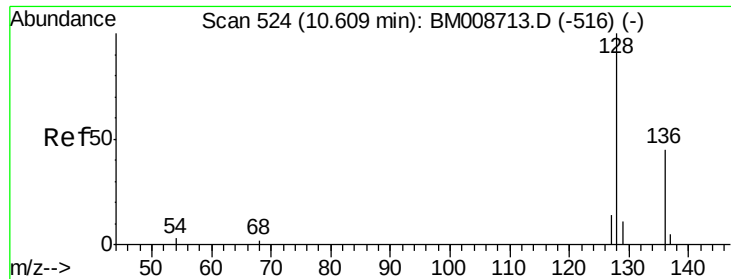
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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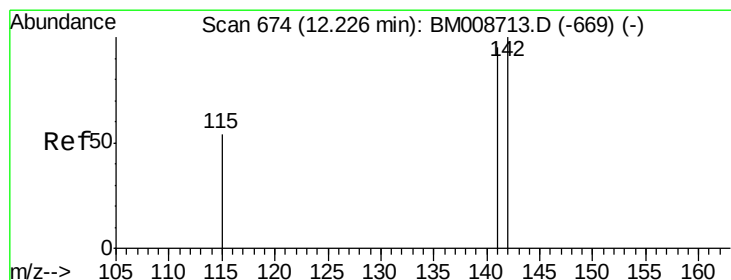
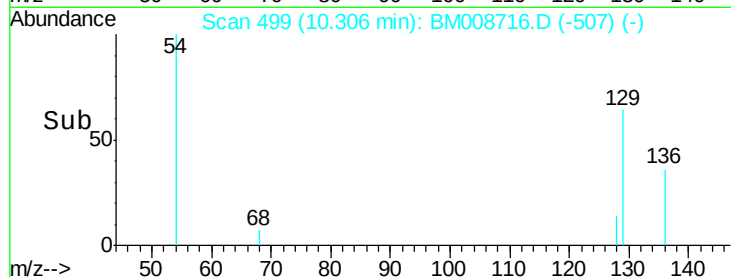
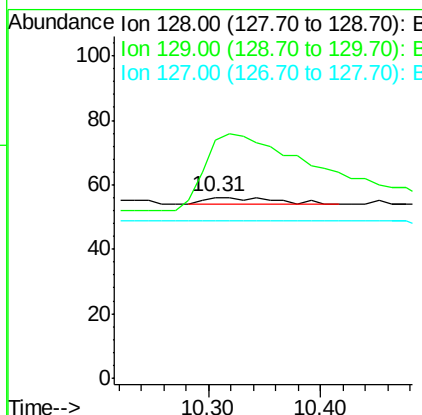
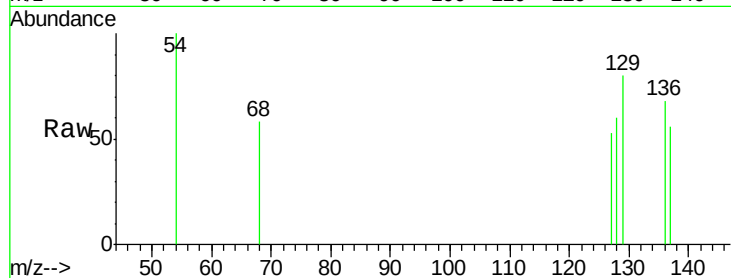




#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.31 min Scan# 499
Delta R.T. -0.30 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

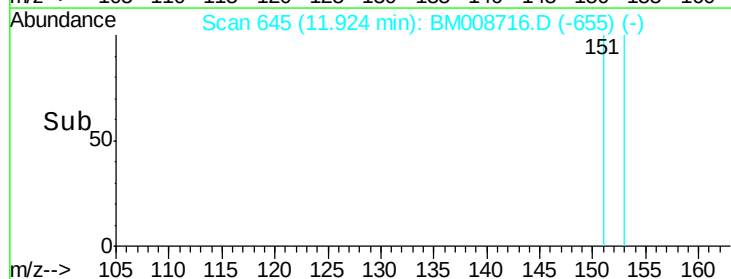
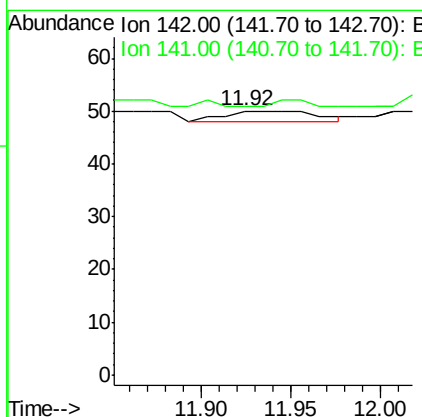
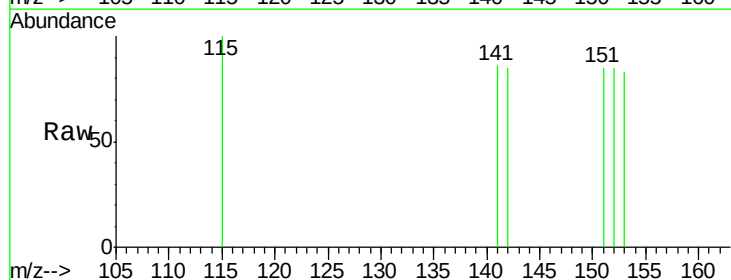
Instrument :
BNA_M
ClientSampleId :
DA7F6DL

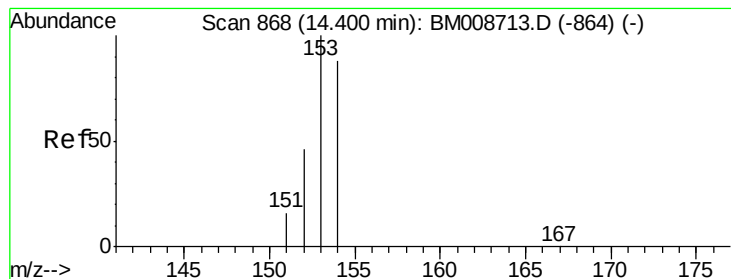
Tgt Ion:128 Resp: 8
Ion Ratio Lower Upper
128 100
129 132.1 11.3 16.9#
127 87.5 12.8 19.2#



#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 11.92 min Scan# 645
Delta R.T. -0.30 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:142 Resp: 7
Ion Ratio Lower Upper
142 100
141 0.0 72.6 108.8#





#8

Acenaphthene

Concen: 0.69 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.38 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

Instrument :

BNA_M

ClientSampleId :

DA7F6DL

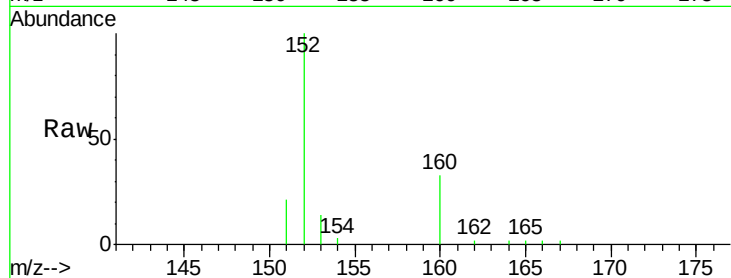
Tgt Ion:153 Resp: 1029

Ion Ratio Lower Upper

153 100

152 704.2 40.3 60.5#

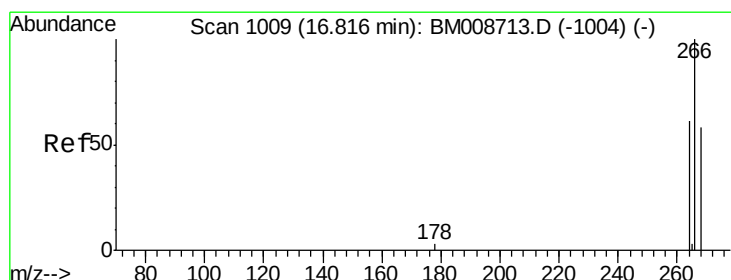
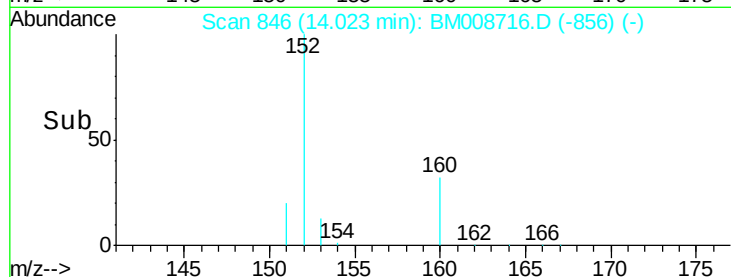
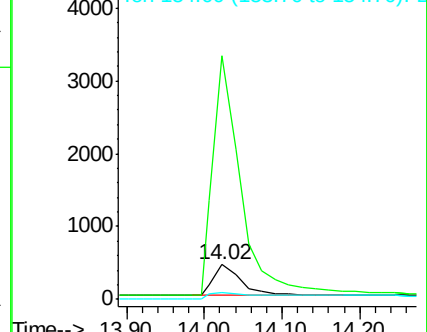
154 18.3 71.4 107.2#



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



#11

Pentachlorophenol

Concen: 0.64 ng/ul

RT: 16.51 min Scan# 991

Delta R.T. -0.31 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

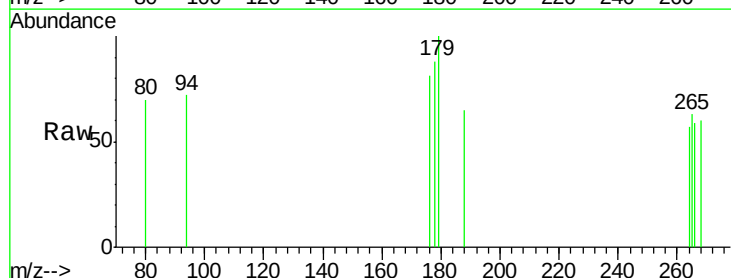
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

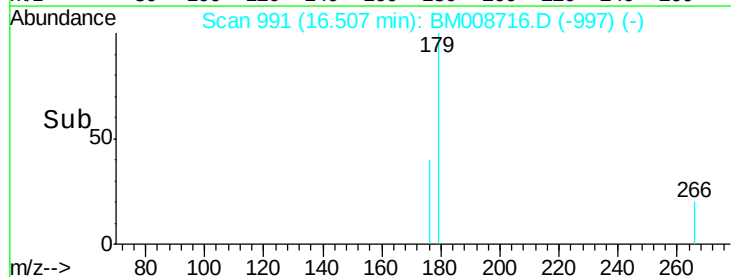
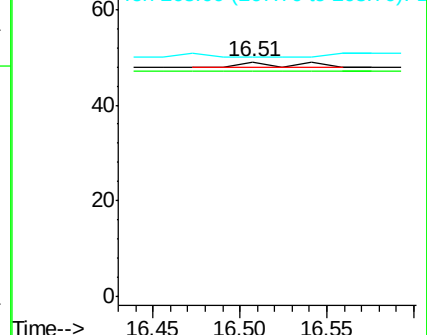
268 0.0 49.8 74.8#

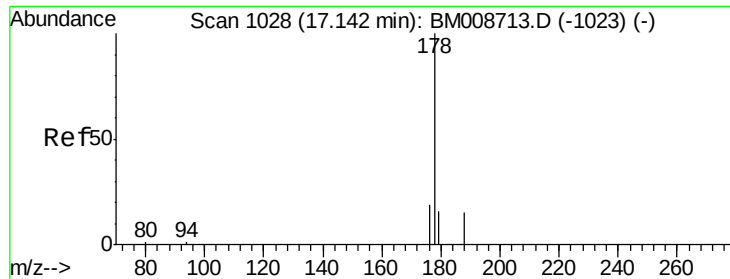


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 1.77 ng/ul

RT: 16.73 min Scan# 1004

Delta R.T. -0.41 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

Instrument :

BNA_M

ClientSampleId :

DA7F6DL

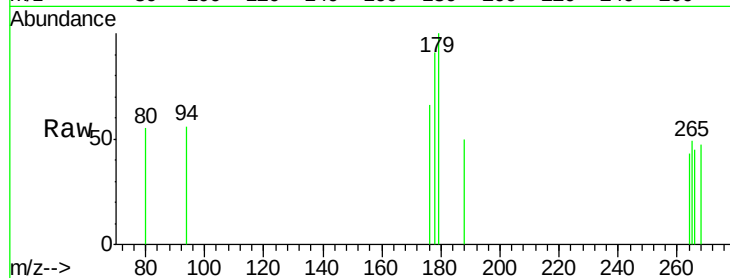
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 72.7 18.4 27.6#

179 110.1 13.6 20.4#

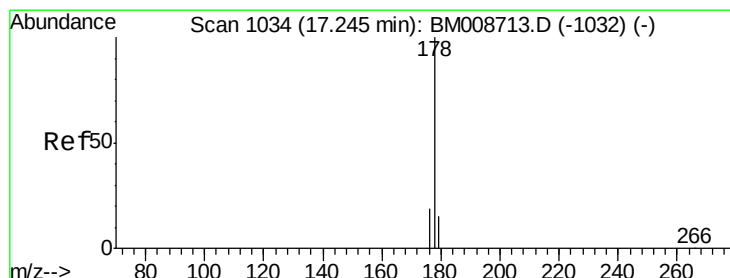
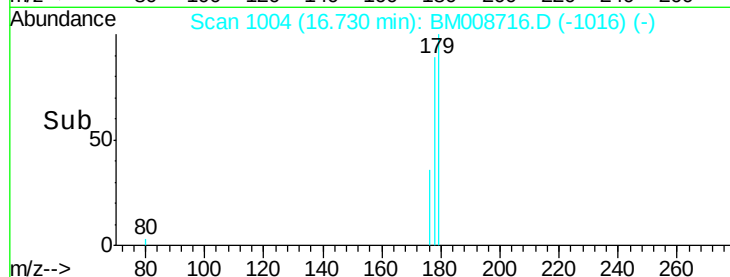
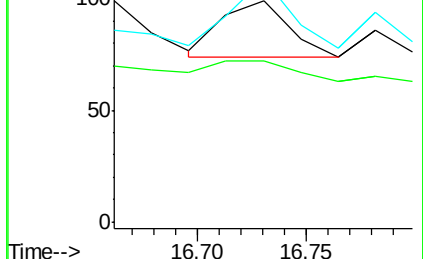


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.73



#13

Anthracene

Concen: 6.17 ng/ul

RT: 16.73 min Scan# 1004

Delta R.T. -0.51 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

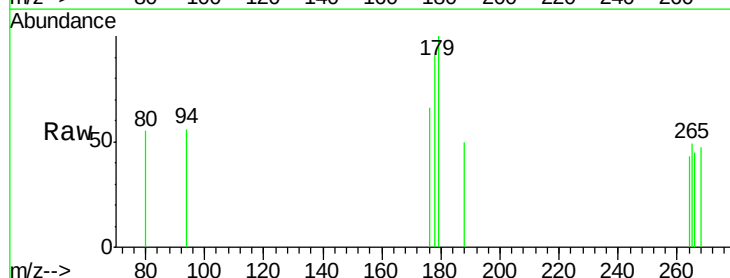
Tgt Ion:178 Resp: 183

Ion Ratio Lower Upper

178 100

176 72.7 18.1 27.1#

179 110.1 14.7 22.1#

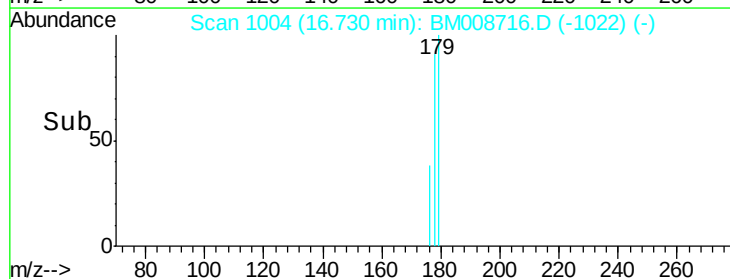
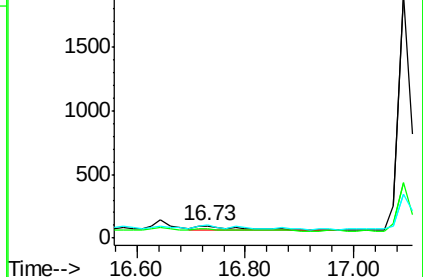


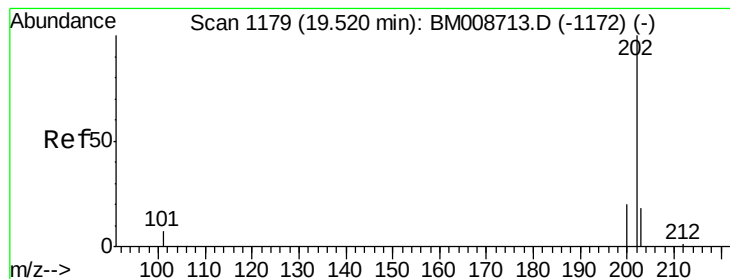
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.73





#17

Pyrene

Concen: 203.45 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.40 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

Instrument :

BNA_M

ClientSampleId :

DA7F6DL

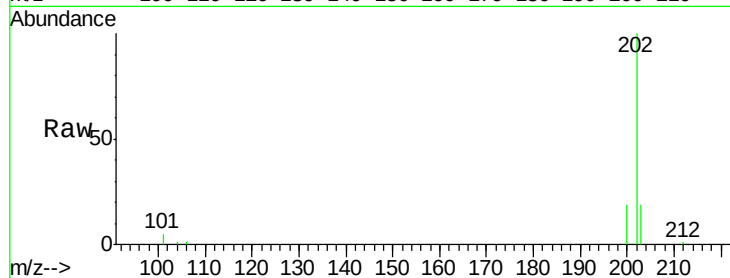
Tgt Ion:202 Resp: 22020

Ion Ratio Lower Upper

202 100

200 19.2 18.2 27.4

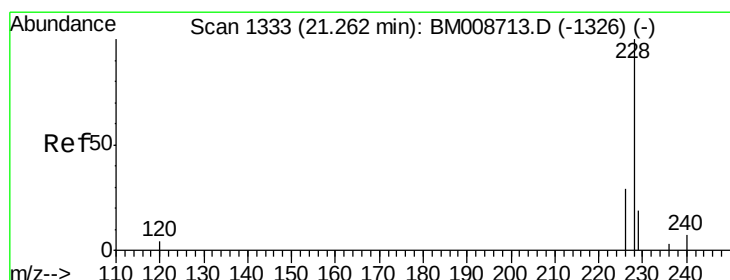
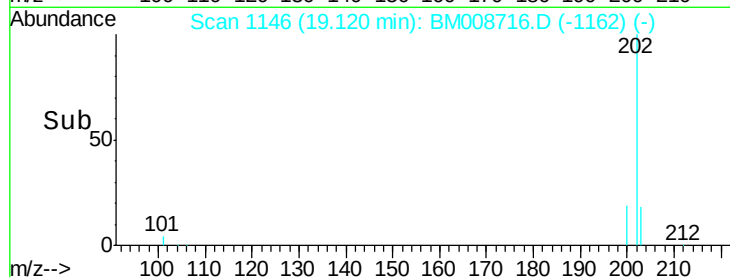
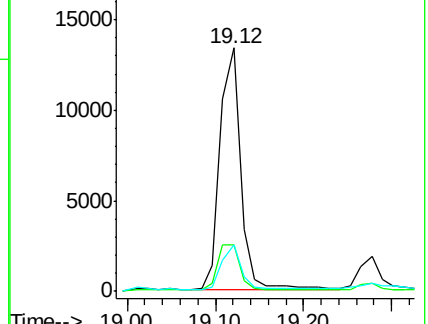
203 19.0 15.6 23.4



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: 46.06 ng/ul

RT: 20.92 min Scan# 1300

Delta R.T. -0.34 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

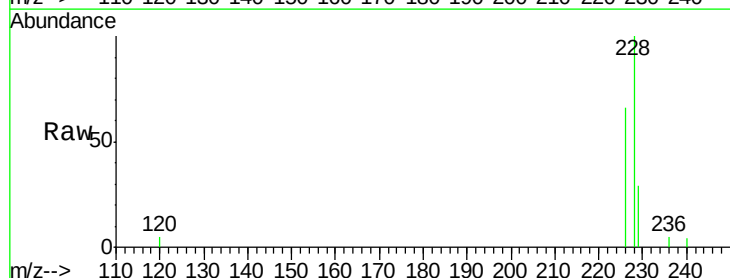
Tgt Ion:228 Resp: 4235

Ion Ratio Lower Upper

228 100

226 65.8 22.8 34.2#

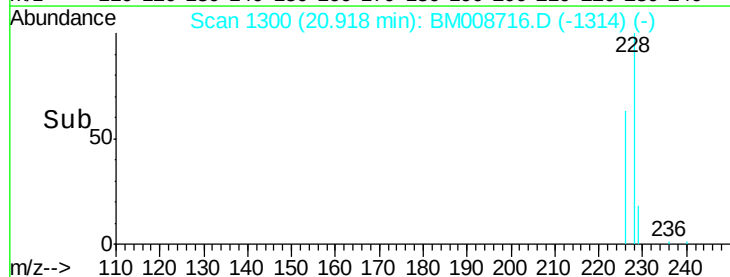
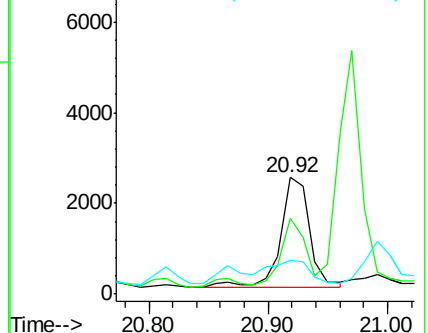
229 28.9 17.0 25.6#

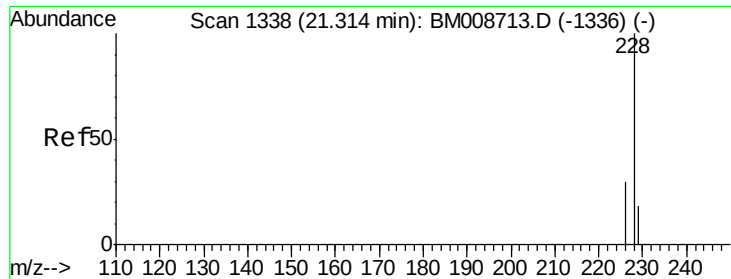


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 42.07 ng/ul

RT: 20.92 min Scan# 1300

Delta R.T. -0.40 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

Instrument :

BNA_M

ClientSampleId :

DA7F6DL

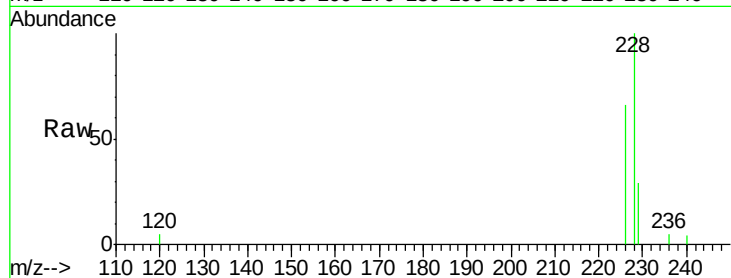
Tgt Ion:228 Resp: 4235

Ion Ratio Lower Upper

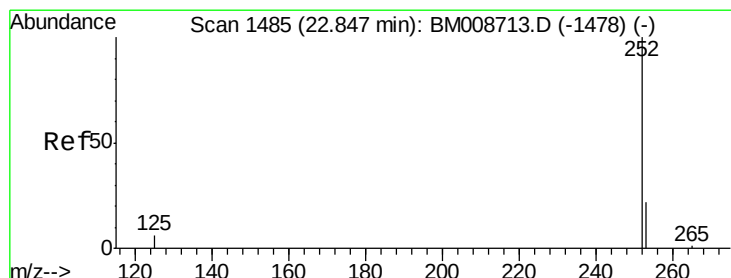
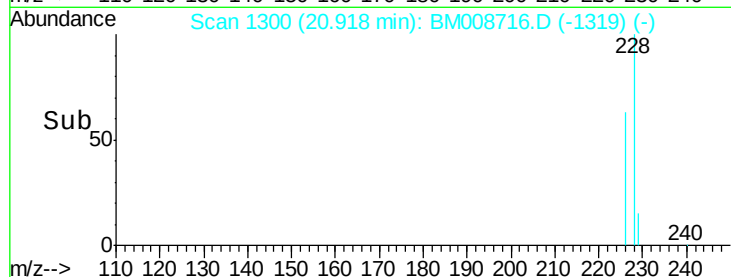
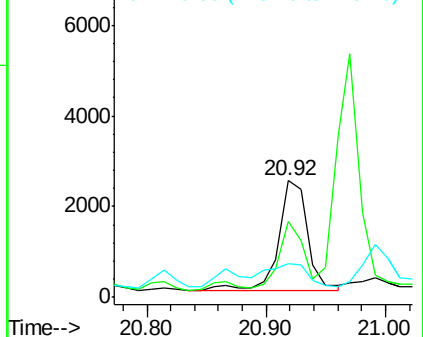
228 100

226 65.8 23.4 35.0#

229 28.9 17.7 26.5#



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: 3.02 ng/ul

RT: 22.39 min Scan# 1441

Delta R.T. -0.46 min

Lab File: BM008716.D

Acq: 29 Dec 2016 12:26

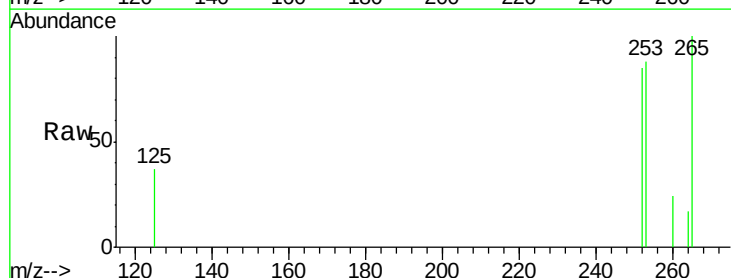
Tgt Ion:252 Resp: 654

Ion Ratio Lower Upper

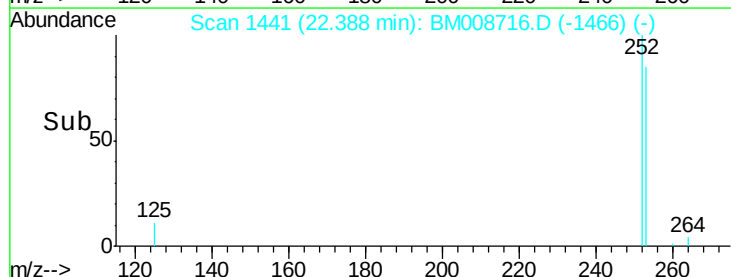
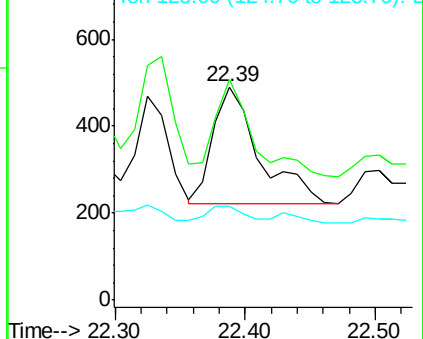
252 100

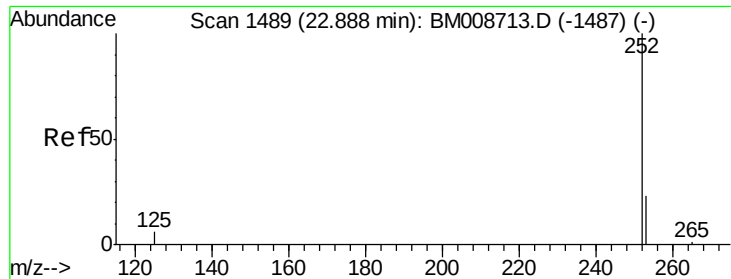
253 103.7 0.0 64.2#

125 43.9 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

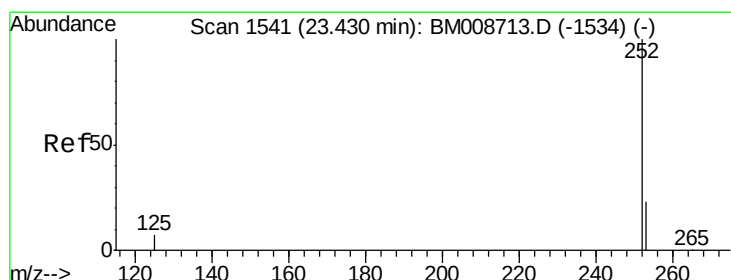
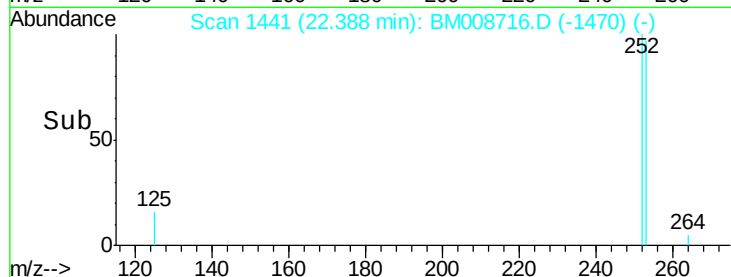
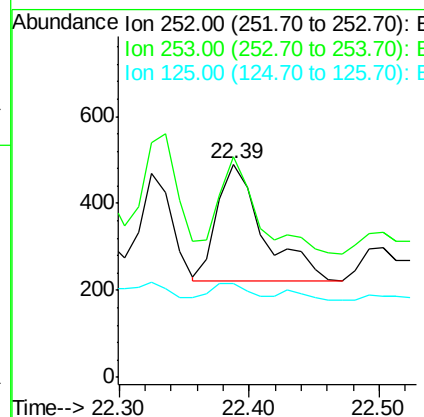
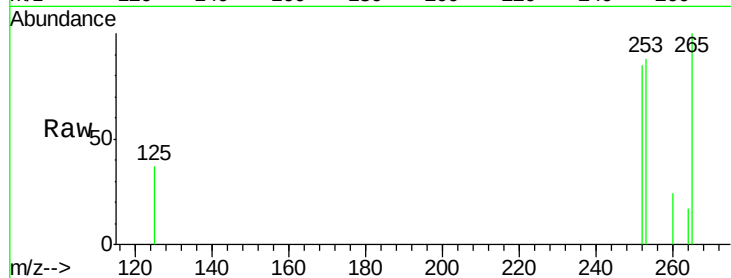




#22
Benzo(k)fluoranthene
Concen: 3.10 ng/ul
RT: 22.39 min Scan# 1441
Delta R.T. -0.50 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

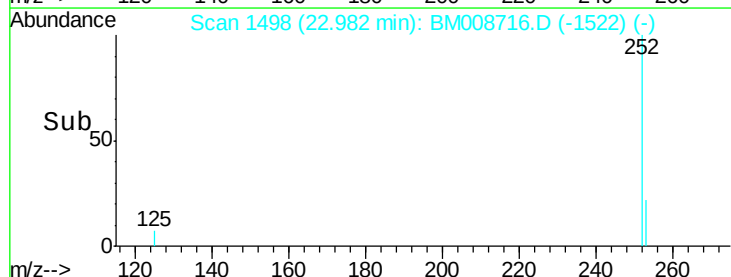
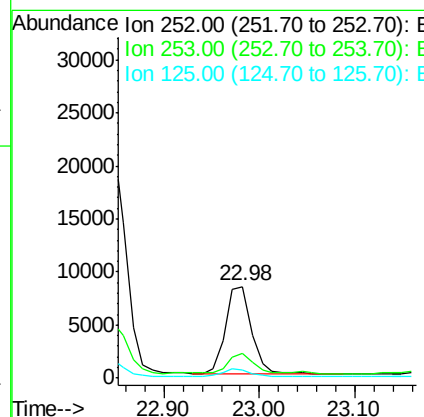
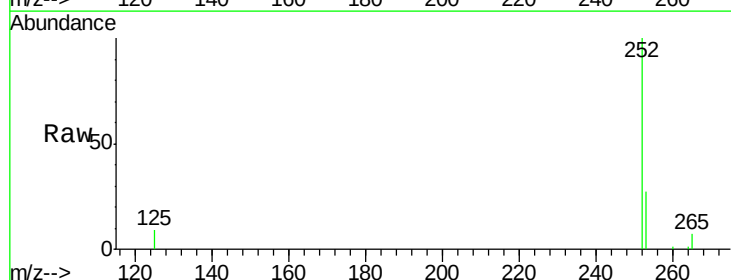
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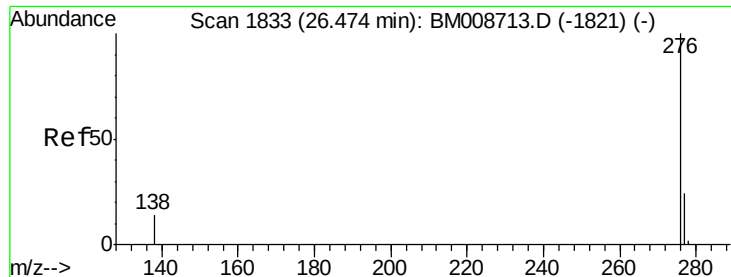
Tgt Ion:252 Resp: 654
Ion Ratio Lower Upper
252 100
253 103.7 24.5 36.7#
125 43.9 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 79.77 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. -0.45 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:252 Resp: 16019
Ion Ratio Lower Upper
252 100
253 27.2 28.5 42.7#
125 9.5 18.1 27.1#





#26

Benzo(g,h,i)perylene

Concen: 12.47 ng/ul

RT: 25.96 min Scan# 1784

Delta R.T. -0.51 min

Lab File: BM008716.D

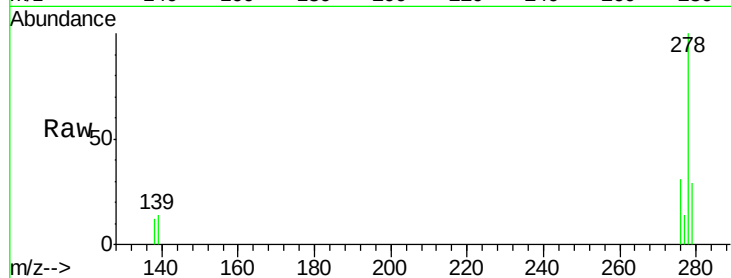
Acq: 29 Dec 2016 12:26

Instrument :

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ClientSampleId :

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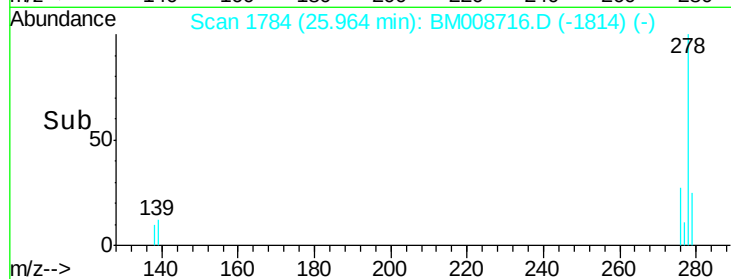
Tgt Ion: 276 Resp: 2559

Ion Ratio Lower Upper

276 100

277 44.7 21.8 32.8#

138 39.8 20.5 30.7#



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

