

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008714.D
 Acq On : 29 Dec 2016 11:13
 Operator : UM/SJ
 Sample : H6067-09DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

Quant Time: Dec 30 00:57:17 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	215	0.40	ng/ul	-0.15
2) Naphthalene-d8	10.27	136	149	0.40	ng/ul	-0.28
6) Acenaphthene-d10	14.01	164	226	0.40	ng/ul	-0.33
10) Phenanthrene-d10	16.76	188	2	0.40	ng/ul	-0.34
16) Chrysene-d12	20.82	240	4	0.40	ng/ul	-0.46
20) Perylene-d12	23.02	264	18	0.40	ng/ul	-0.49

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.87	152	1	0.00	ng/ul	-0.28
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

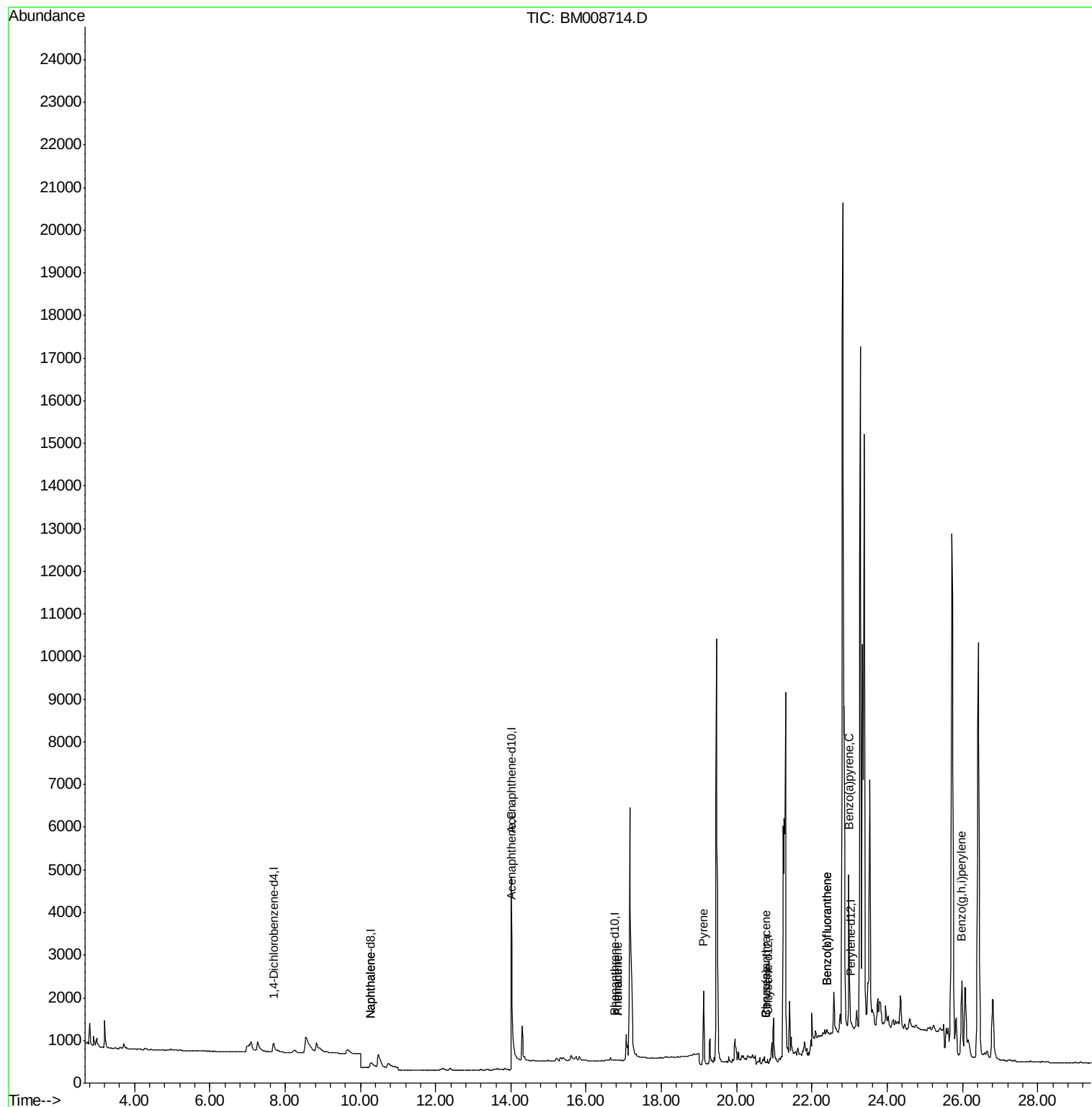
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.27	128	22	0.05	ng/ul#	1
8) Acenaphthene	14.02	153	332	0.43	ng/ul#	1
12) Phenanthrene	16.83	178	9	1.47	ng/ul#	1
13) Anthracene	16.83	178	16	2.70	ng/ul#	1
17) Pyrene	19.12	202	2283	147.65	ng/ul	96
18) Benzo(a)anthracene	20.78	228	50	3.81	ng/ul#	1
19) Chrysene	20.78	228	50	3.48	ng/ul#	1
21) Benzo(b)fluoranthene	22.40	252	127	1.79	ng/ul#	1
22) Benzo(k)fluoranthene	22.40	252	127	1.84	ng/ul#	1
23) Benzo(a)pyrene	22.98	252	5253	79.92	ng/ul#	84
26) Benzo(g,h,i)perylene	25.97	276	761	11.33	ng/ul#	51

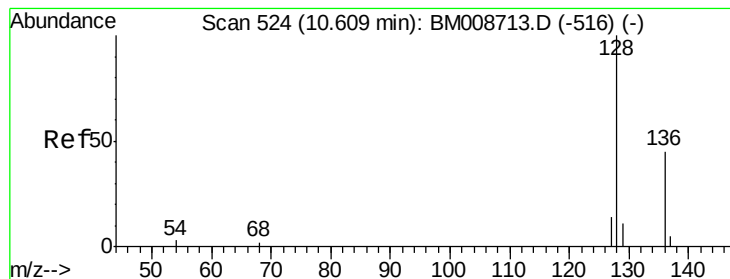
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.27 min Scan# 496

Delta R.T. -0.34 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

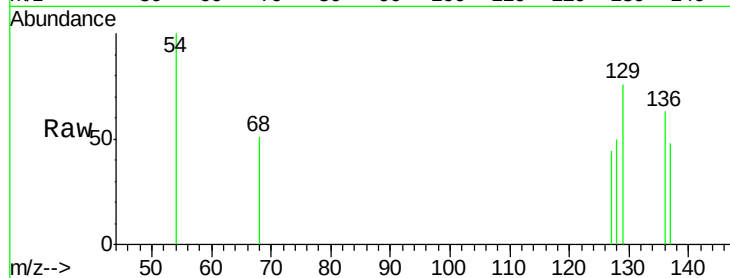
Tgt Ion:128 Resp: 22

Ion Ratio Lower Upper

128 100

129 152.7 11.3 16.9#

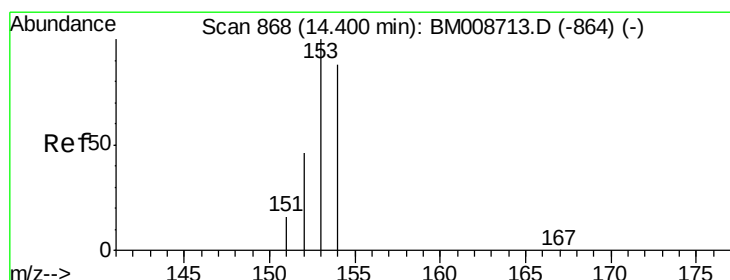
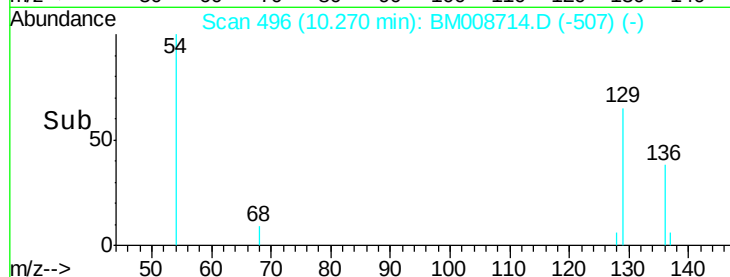
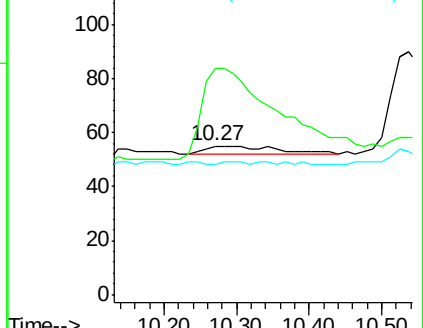
127 87.3 12.8 19.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#8

Acenaphthene

Concen: 0.43 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.38 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

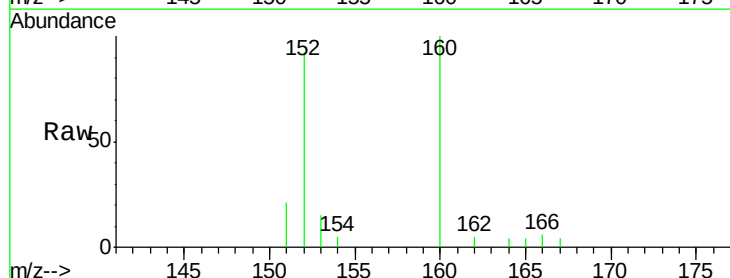
Tgt Ion:153 Resp: 332

Ion Ratio Lower Upper

153 100

152 594.4 40.3 60.5#

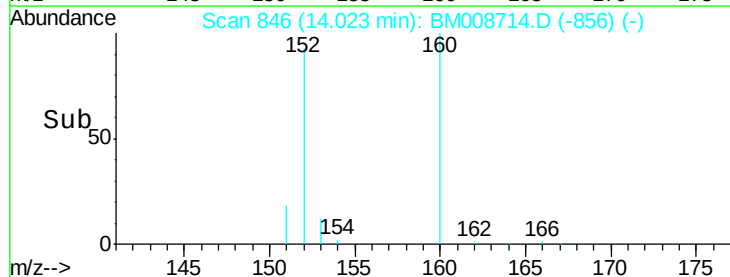
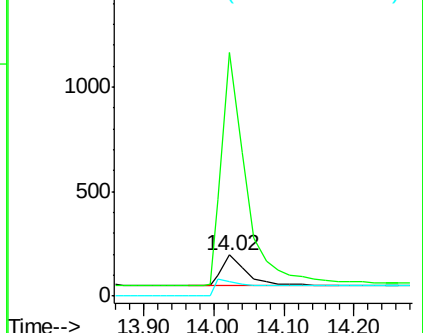
154 34.7 71.4 107.2#

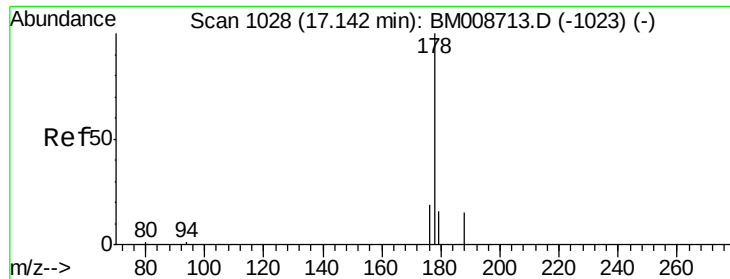


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Phenanthrene

Concen: 1.47 ng/ul

RT: 16.83 min Scan# 1010

Delta R.T. -0.31 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

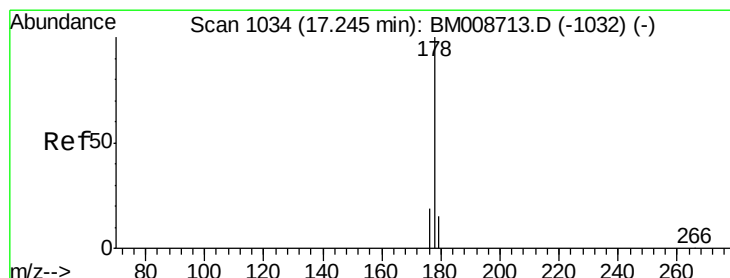
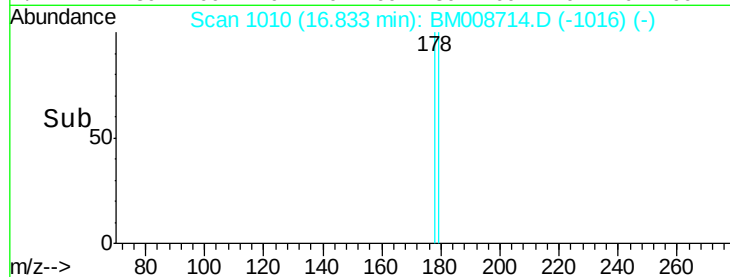
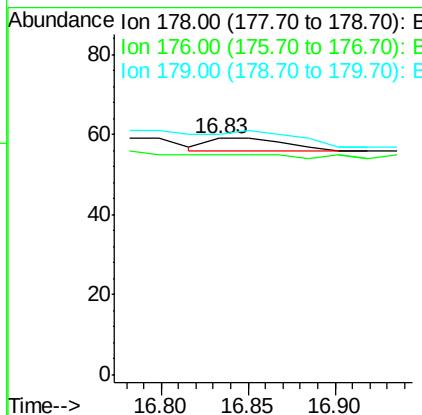
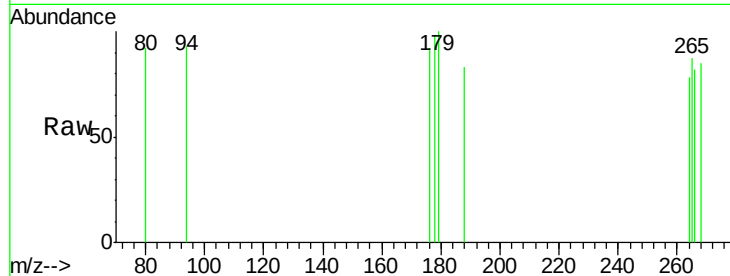
Instrument :

BNA_M

ClientSampleId :

DA7G0DL

Tgt Ion:	178	Resp:	9
Ion	Ratio	Lower	Upper
178	100		
176	93.2	18.4	27.6#
179	101.7	13.6	20.4#



#13

Anthracene

Concen: 2.70 ng/ul

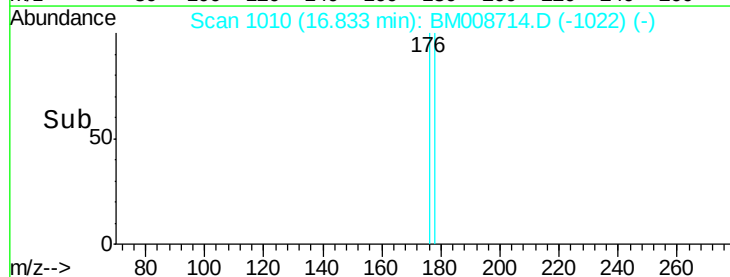
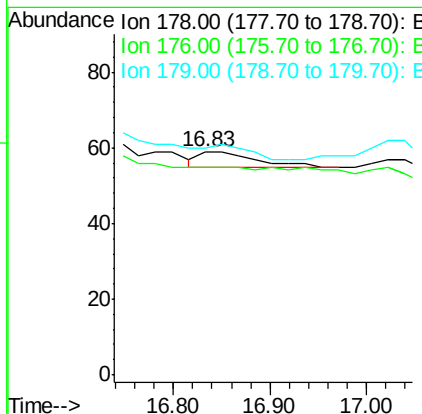
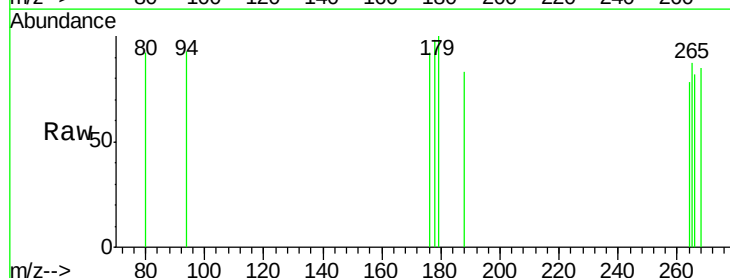
RT: 16.83 min Scan# 1010

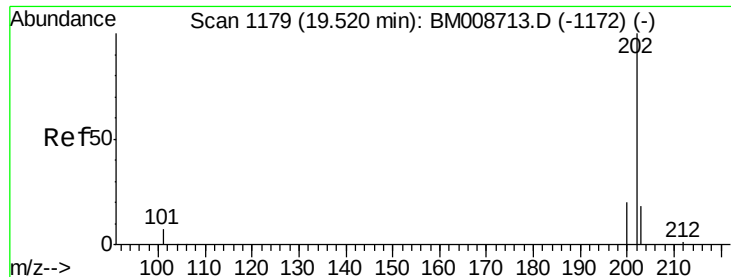
Delta R.T. -0.41 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Tgt Ion:	178	Resp:	16
Ion	Ratio	Lower	Upper
178	100		
176	93.2	18.1	27.1#
179	101.7	14.7	22.1#

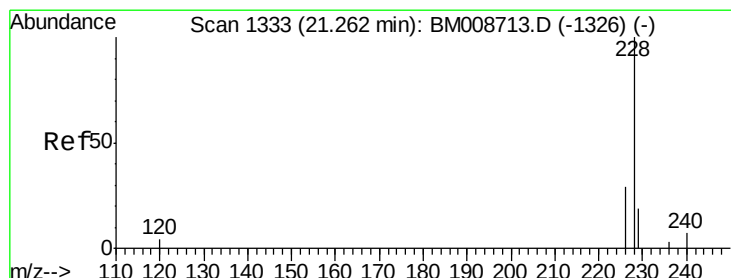
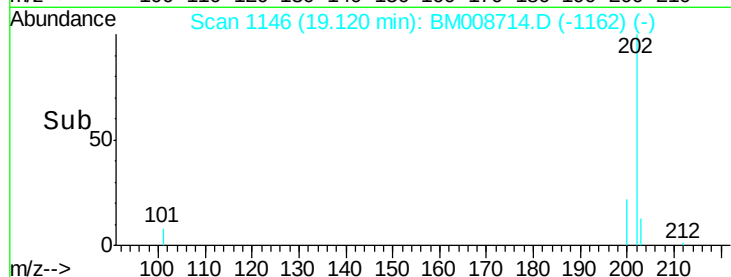
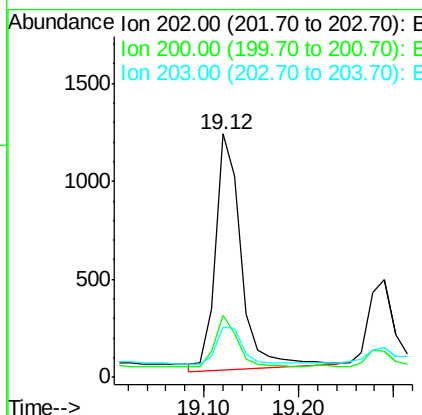
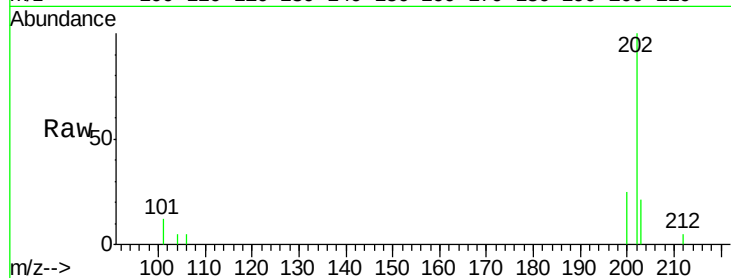




#17
Pyrene
 Concen: 147.65 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.40 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

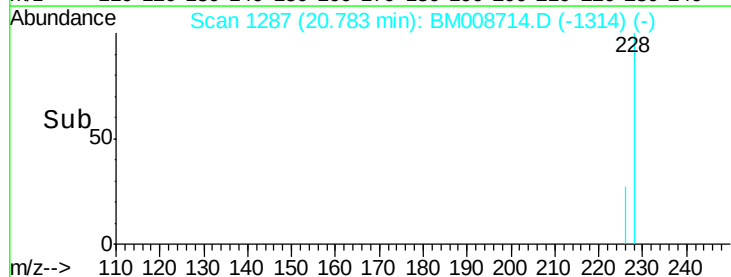
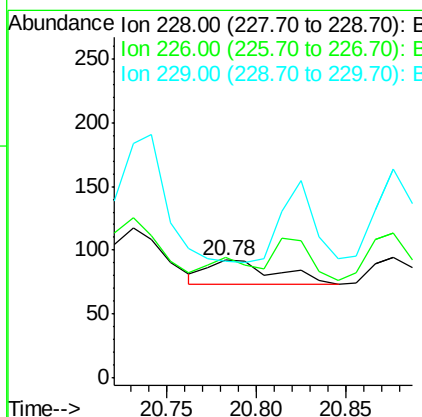
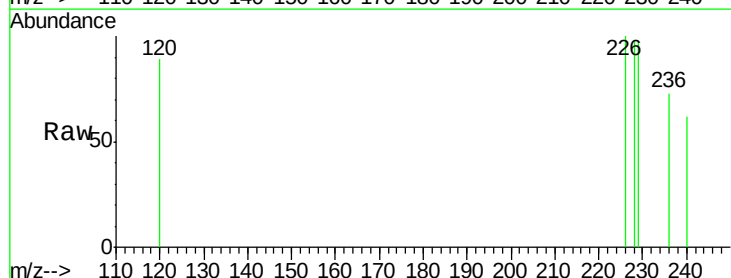
Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

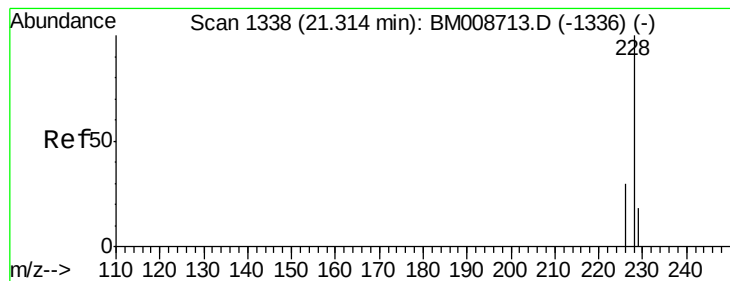
Tgt Ion: 202 Resp: 2283
 Ion Ratio Lower Upper
 202 100
 200 25.4 18.2 27.4
 203 20.6 15.6 23.4



#18
Benzo(a)anthracene
 Concen: 3.81 ng/ul
 RT: 20.78 min Scan# 1287
 Delta R.T. -0.48 min
 Lab File: BM008714.D
 Acq: 29 Dec 2016 11:13

Tgt Ion: 228 Resp: 50
 Ion Ratio Lower Upper
 228 100
 226 102.2 22.8 34.2#
 229 98.9 17.0 25.6#





#19

Chrysene

Concen: 3.48 ng/ul

RT: 20.78 min Scan# 1287

Delta R.T. -0.53 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

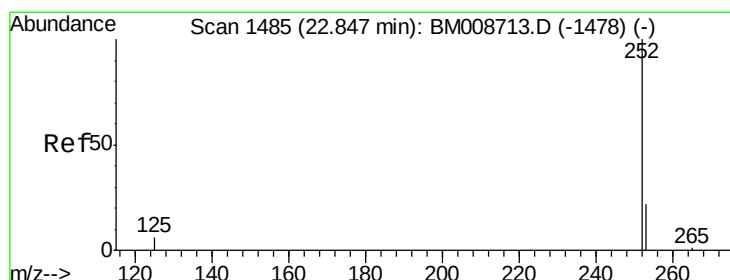
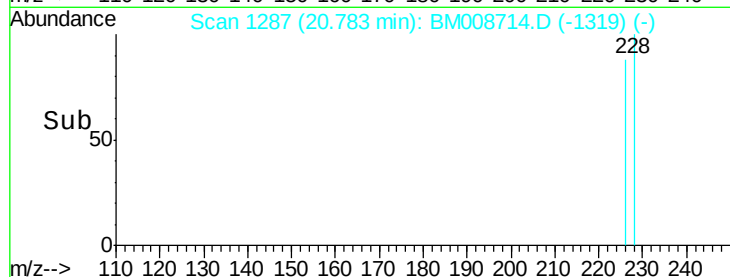
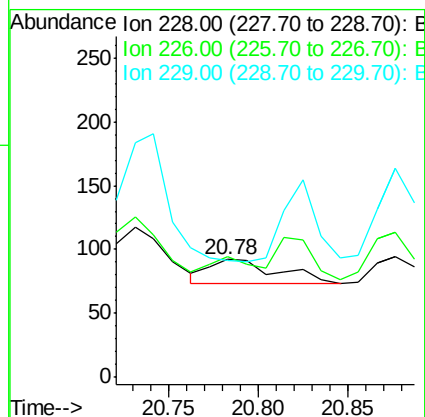
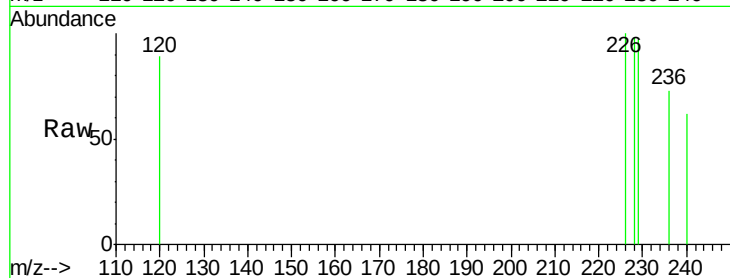
Tgt Ion:228 Resp: 50

Ion Ratio Lower Upper

228 100

226 102.2 23.4 35.0#

229 98.9 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 1.79 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.45 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

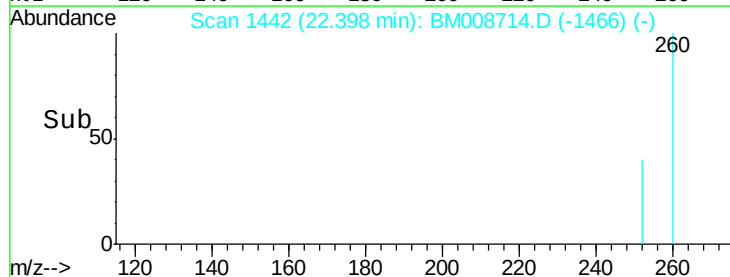
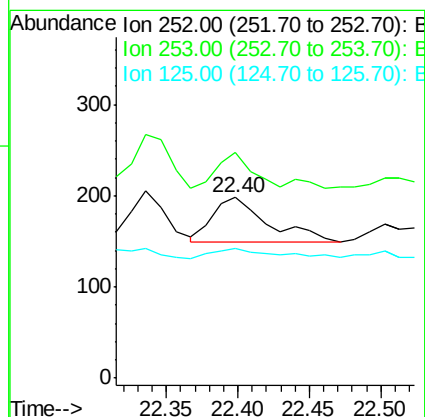
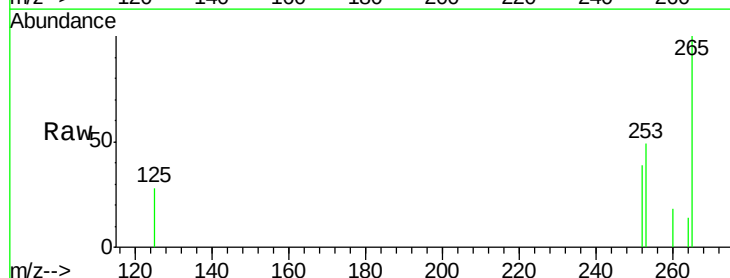
Tgt Ion:252 Resp: 127

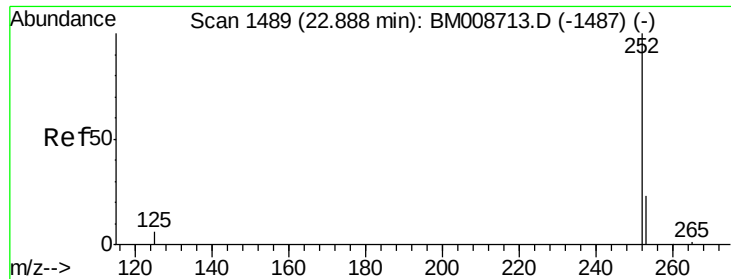
Ion Ratio Lower Upper

252 100

253 125.3 0.0 64.2#

125 71.7 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 1.84 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.49 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

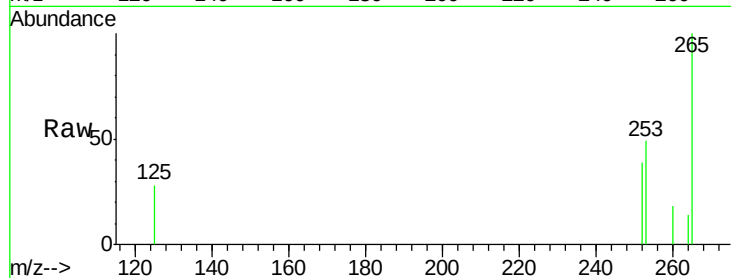
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 125.3 24.5 36.7#

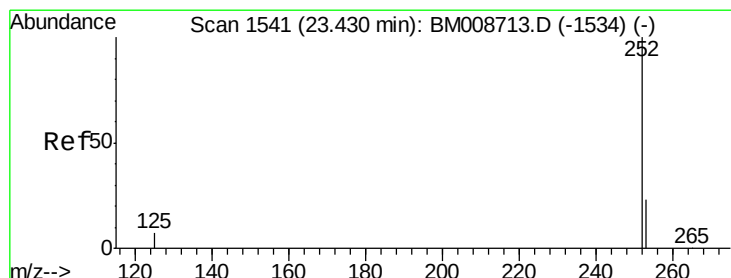
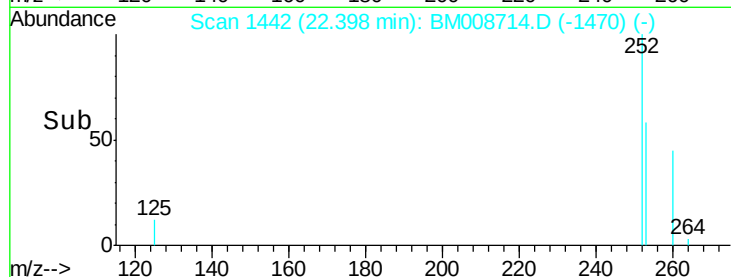
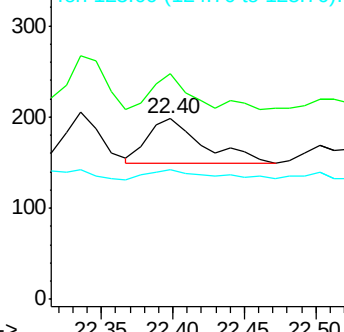
125 71.7 13.7 20.5#



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: 79.92 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.45 min

Lab File: BM008714.D

Acq: 29 Dec 2016 11:13

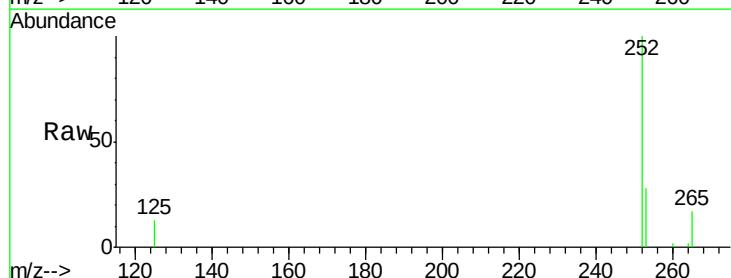
Tgt Ion:252 Resp: 5253

Ion Ratio Lower Upper

252 100

253 27.8 28.5 42.7#

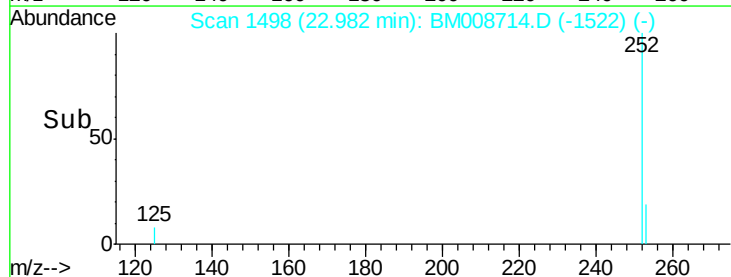
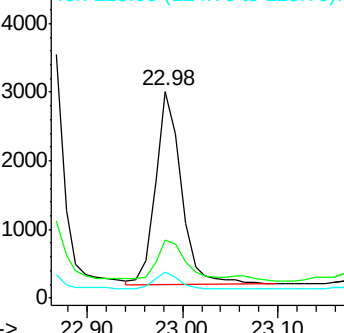
125 12.5 18.1 27.1#

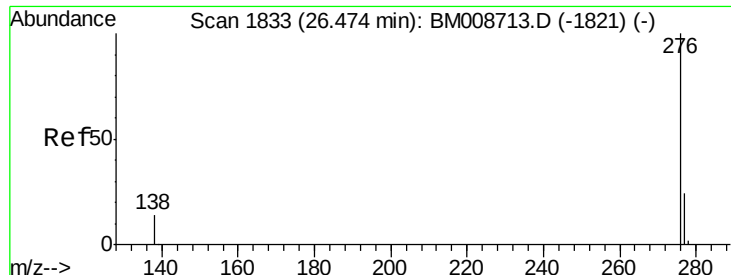


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(g,h,i)perylene

Concen: 11.33 ng/ul

RT: 25.97 min Scan# 1785

Delta R.T. -0.50 min

Lab File: BM008714.D

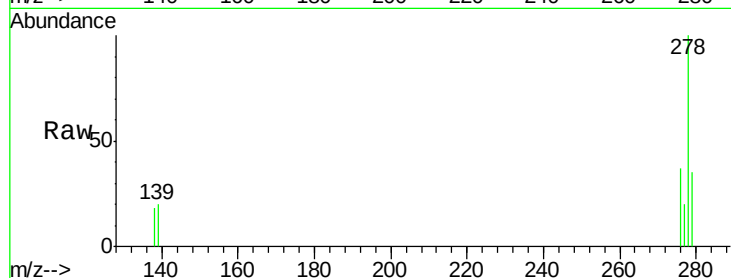
Acq: 29 Dec 2016 11:13

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 276 Resp: 761

Ion Ratio Lower Upper

276 100

277 54.4 21.8 32.8#

138 48.4 20.5 30.7#

