

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051415\
 Data File : BM001278.D
 Acq On : 13 May 2015 17:09
 Operator : TP/IZ
 Sample : G2159-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R76DL

Quant Time: May 14 12:05:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM051115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 01:20:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	1022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	3380	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	1847	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	3777	0.40	ng/ul	0.02
16) Chrysene-d12	21.08	240	3031	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	2880	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.84	152	785	0.18	ng/ul	0.01
14) Fluoranthene-d10	18.91	212	1512	0.18	ng/ul	0.00

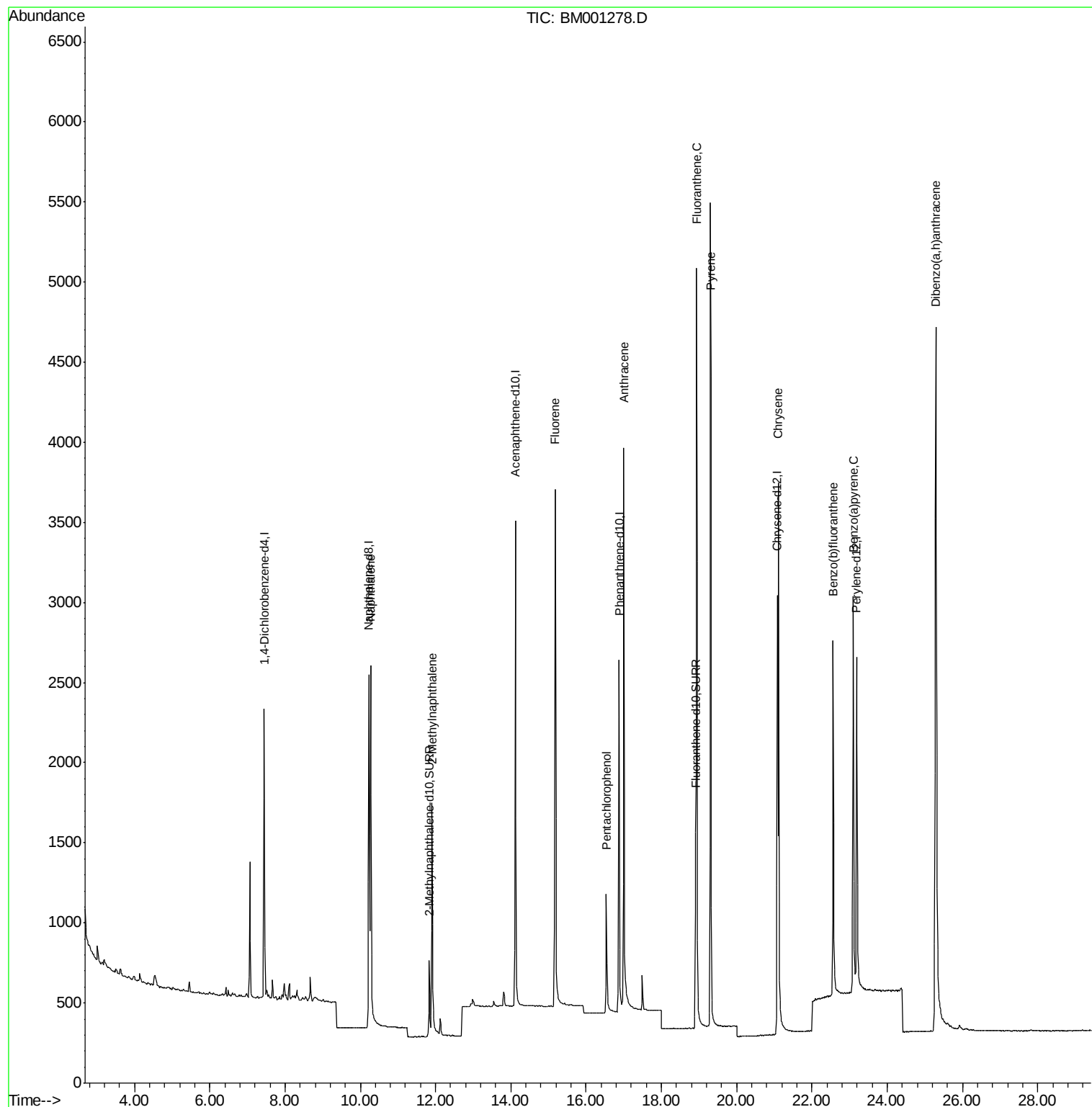
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.27	128	3377	0.39	ng/ul	99
5) 2-Methylnaphthalene	11.91	142	1468	0.26	ng/ul	100
9) Fluorene	15.18	166	2499	0.35	ng/ul#	82
11) Pentachlorophenol	16.53	266	634	0.77	ng/ul	96
13) Anthracene	17.00	178	4693	0.48	ng/ul	96
15) Fluoranthene	18.94	202	4893	0.41	ng/ul	94
17) Pyrene	19.30	202	5601	0.47	ng/ul	95
19) Chrysene	21.11	228	3637	0.34	ng/ul	92
21) Benzo(b)fluoranthene	22.57	252	3133	0.30	ng/ul	96
23) Benzo(a)pyrene	23.10	252	3839	0.39	ng/ul	98
25) Dibenzo(a,h)anthracene	25.30	278	7491	0.86	ng/ul	95

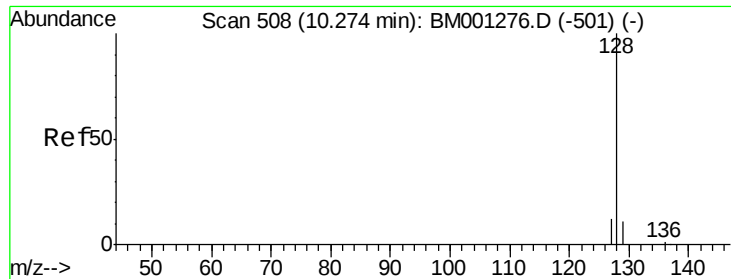
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.27 min Scan# 508

Delta R.T. 0.00 min

Lab File: BM001278.D

Acq: 13 May 2015 17:09

Instrument :

BNA_M

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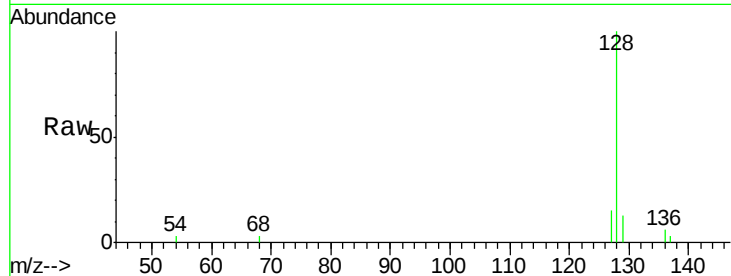
Tgt Ion:128 Resp: 3377

Ion Ratio Lower Upper

128 100

129 13.1 10.4 15.6

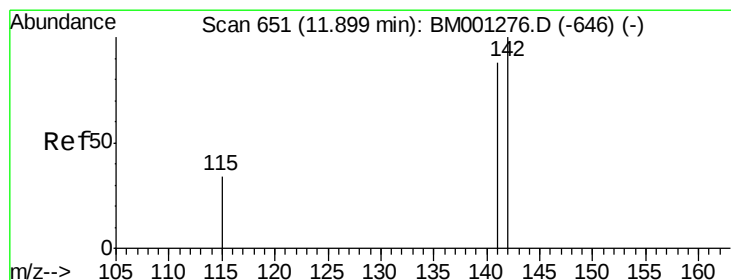
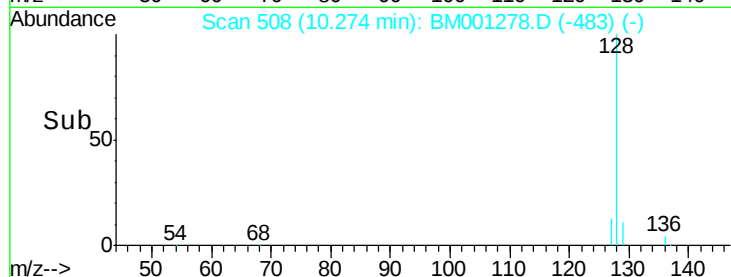
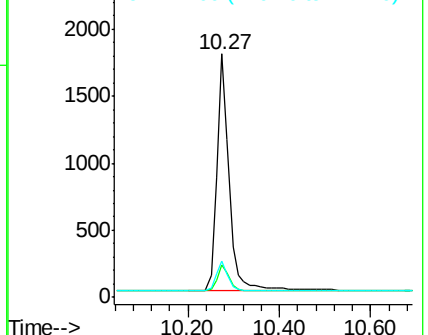
127 15.0 11.3 16.9



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



#5

2-Methylnaphthalene

Concen: 0.26 ng/ul

RT: 11.91 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM001278.D

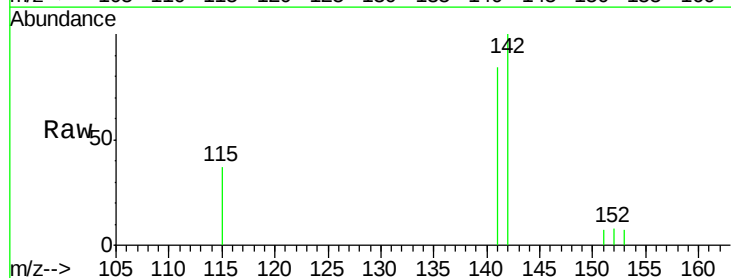
Acq: 13 May 2015 17:09

Tgt Ion:142 Resp: 1468

Ion Ratio Lower Upper

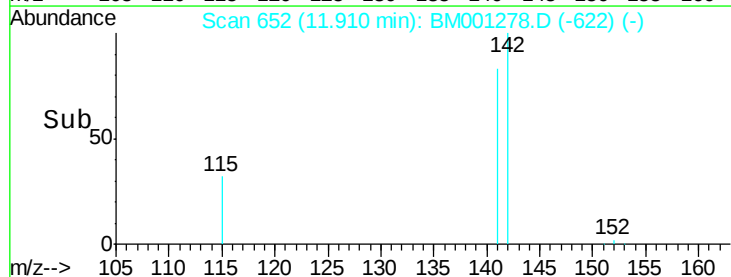
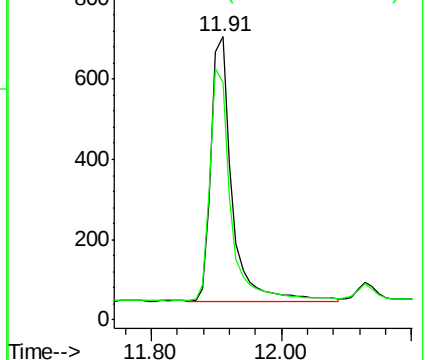
142 100

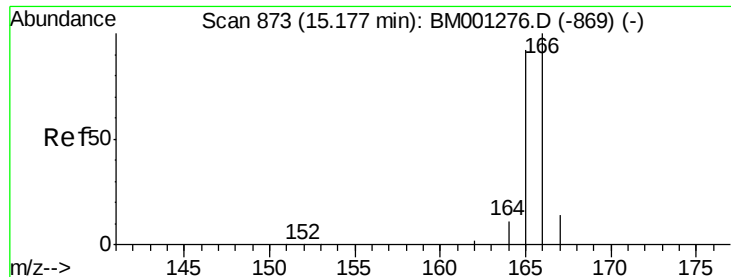
141 88.6 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

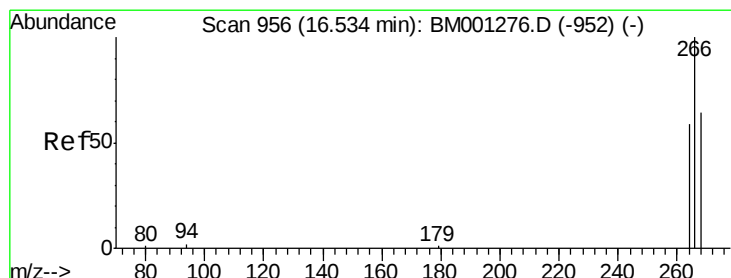
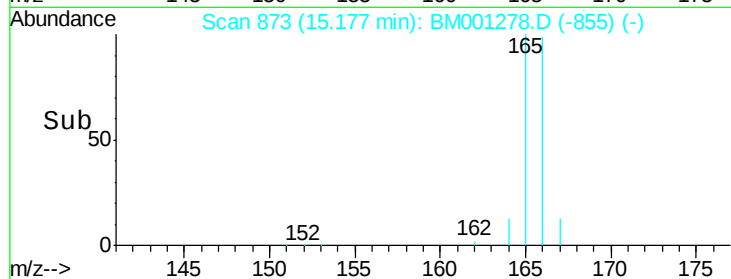
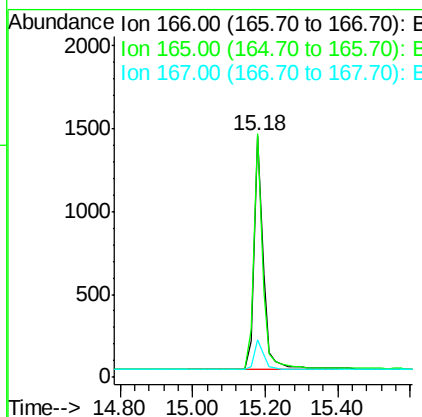
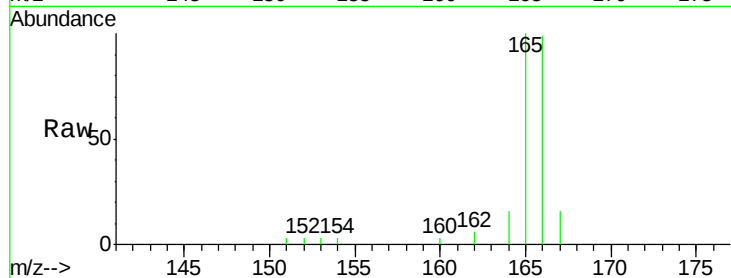




#9
Fluorene
 Concen: 0.35 ng/ul
 RT: 15.18 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BM001278.D
 Acq: 13 May 2015 17:09

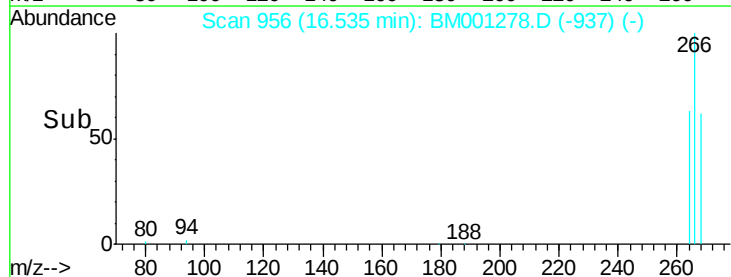
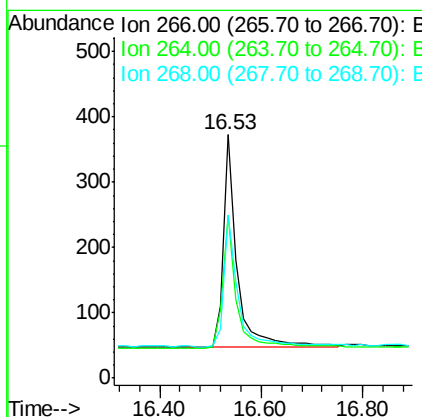
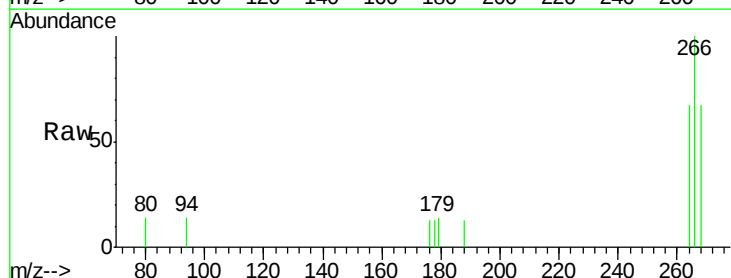
Instrument :
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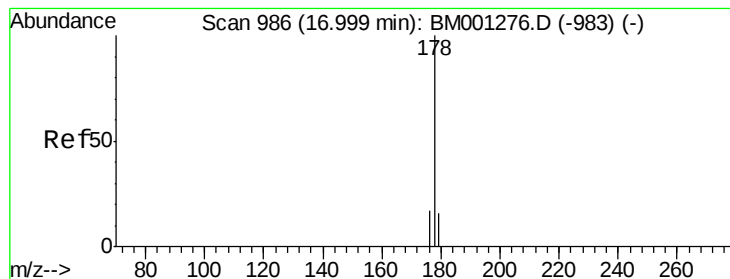
Tgt Ion:166 Resp: 2499
 Ion Ratio Lower Upper
 166 100
 165 100.8 66.2 99.2#
 167 15.7 14.7 22.1



#11
Pentachlorophenol
 Concen: 0.77 ng/ul
 RT: 16.53 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BM001278.D
 Acq: 13 May 2015 17:09

Tgt Ion:266 Resp: 634
 Ion Ratio Lower Upper
 266 100
 264 64.0 54.6 81.8
 268 65.5 51.2 76.8





#13

Anthracene

Concen: 0.48 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM001278.D

Acq: 13 May 2015 17:09

Instrument :

BNA_M

ClientSampleId :

X1R76DL

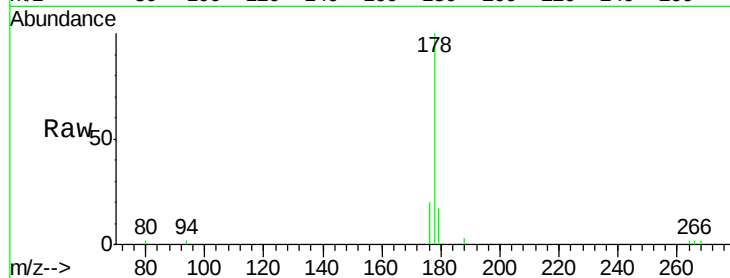
Tgt Ion:178 Resp: 4693

Ion Ratio Lower Upper

178 100

176 19.8 14.6 22.0

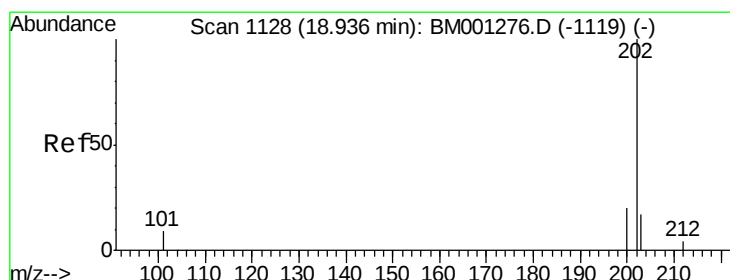
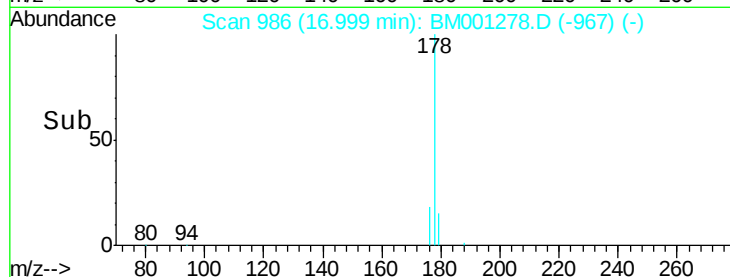
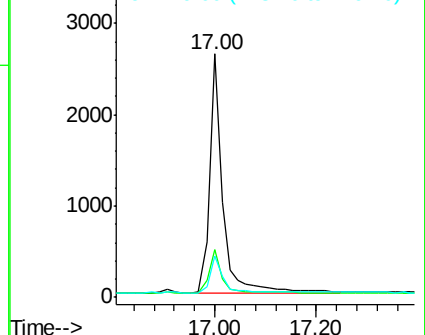
179 17.0 15.3 22.9



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



#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 18.94 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BM001278.D

Acq: 13 May 2015 17:09

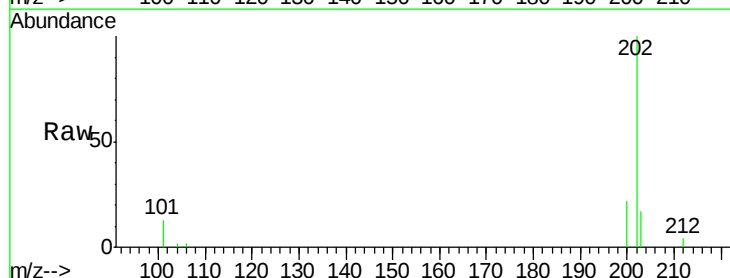
Tgt Ion:202 Resp: 4893

Ion Ratio Lower Upper

202 100

101 12.7 0.0 28.1

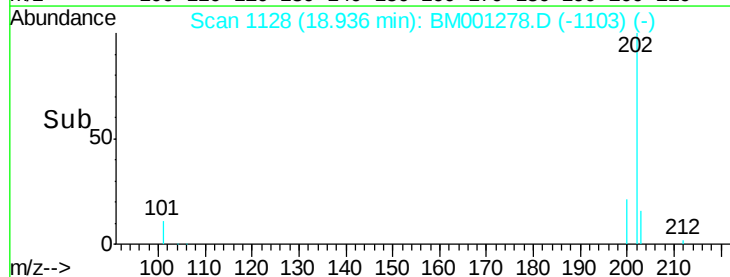
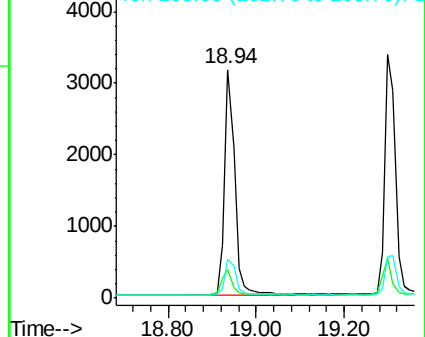
203 17.1 0.0 38.6

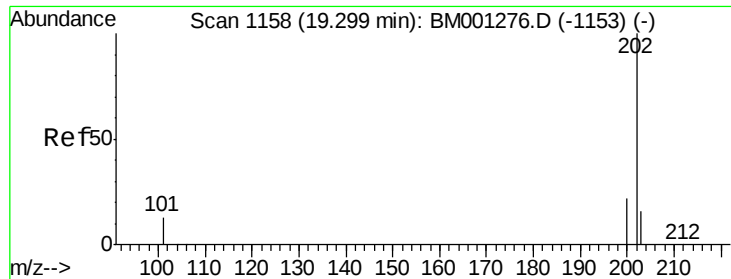


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

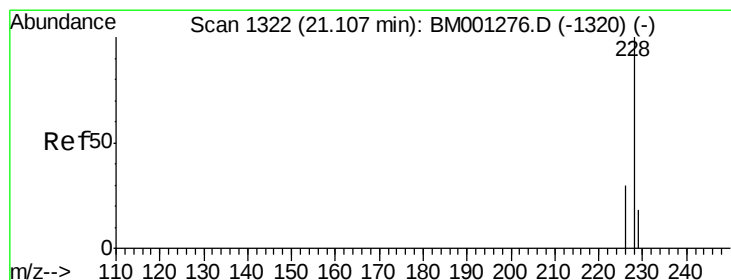
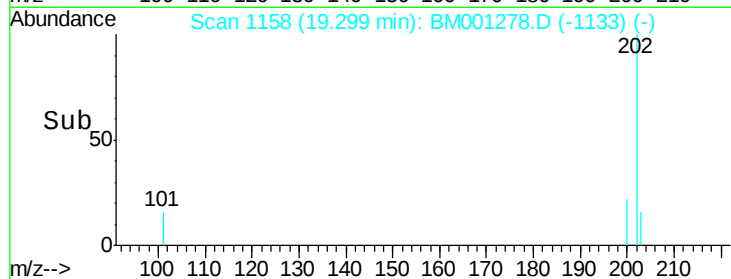
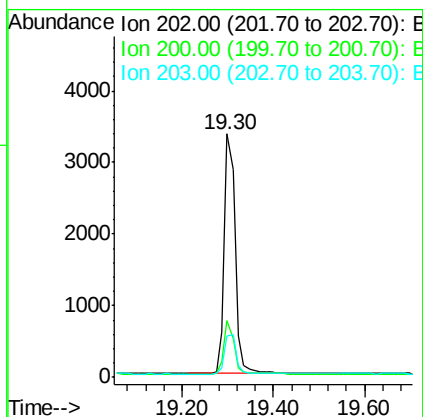
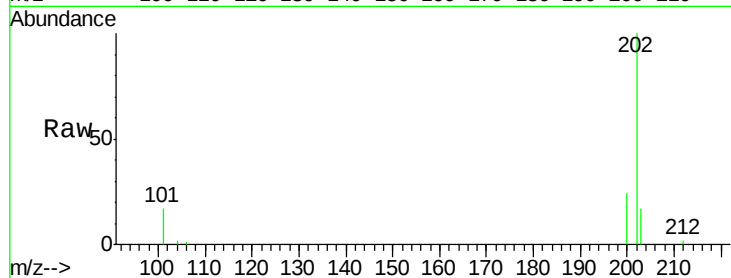




#17
Pyrene
Concen: 0.47 ng/ul
RT: 19.30 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM001278.D
Acq: 13 May 2015 17:09

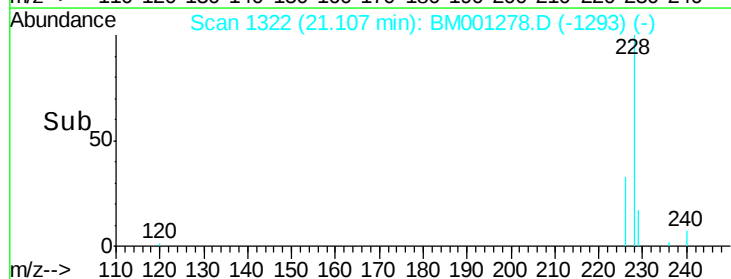
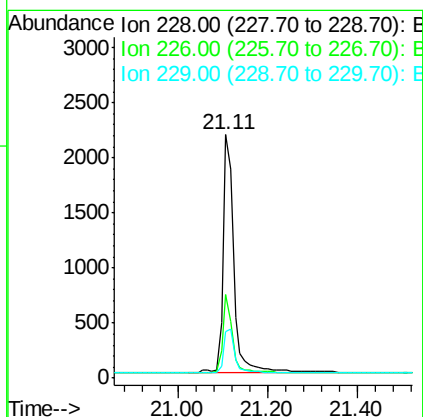
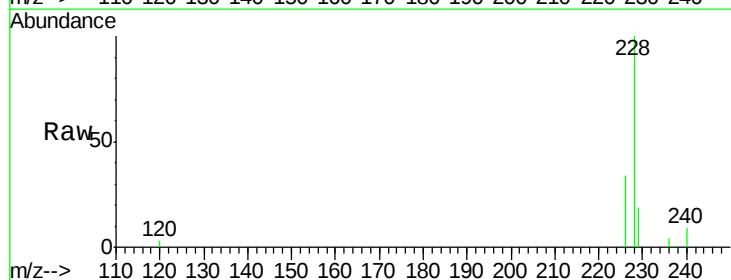
Instrument :
BNA_M
ClientSampleId :
X1R76DL

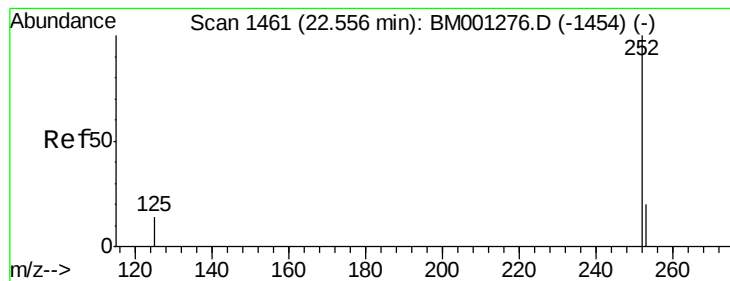
Tgt Ion:202 Resp: 5601
Ion Ratio Lower Upper
202 100
200 23.5 16.8 25.2
203 16.9 15.0 22.4



#19
Chrysene
Concen: 0.34 ng/ul
RT: 21.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM001278.D
Acq: 13 May 2015 17:09

Tgt Ion:228 Resp: 3637
Ion Ratio Lower Upper
228 100
226 34.3 23.0 34.6
229 19.2 17.4 26.0





#21

Benzo(b)fluoranthene

Concen: 0.30 ng/ul

RT: 22.57 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BM001278.D

Acq: 13 May 2015 17:09

Instrument :

BNA_M

ClientSampleId :

X1R76DL

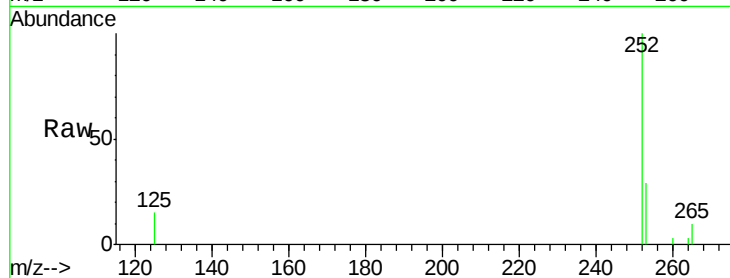
Tgt Ion:252 Resp: 3133

Ion Ratio Lower Upper

252 100

253 28.6 0.0 51.0

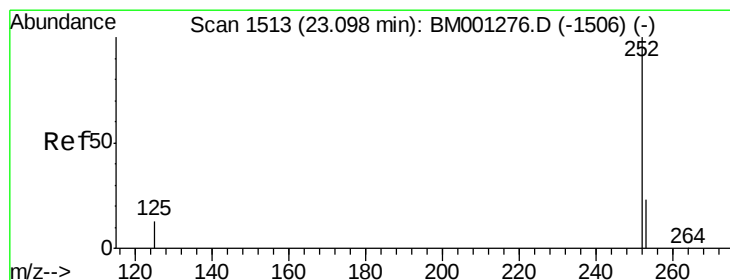
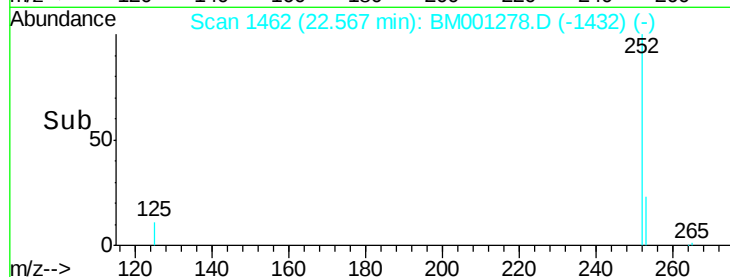
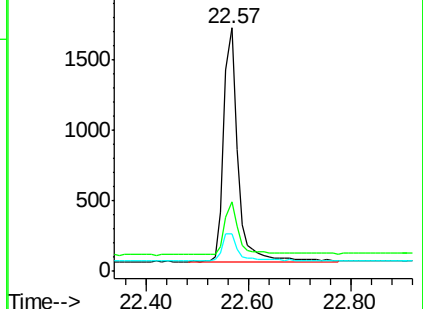
125 15.4 0.0 30.8



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: 0.39 ng/ul

RT: 23.10 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BM001278.D

Acq: 13 May 2015 17:09

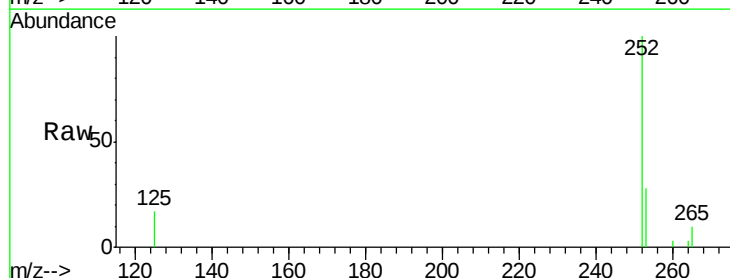
Tgt Ion:252 Resp: 3839

Ion Ratio Lower Upper

252 100

253 28.0 21.7 32.5

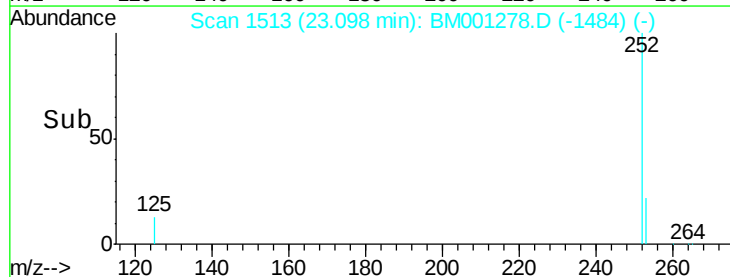
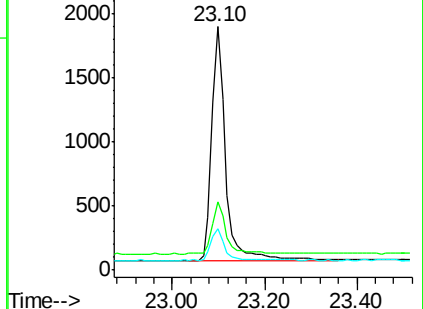
125 16.8 14.7 22.1

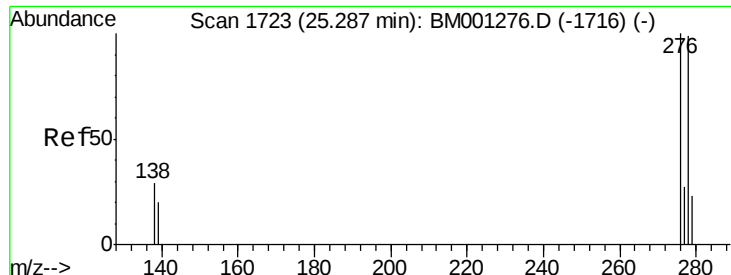


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.86 ng/ul

RT: 25.30 min Scan# 1724

Delta R.T. 0.01 min

Lab File: BM001278.D

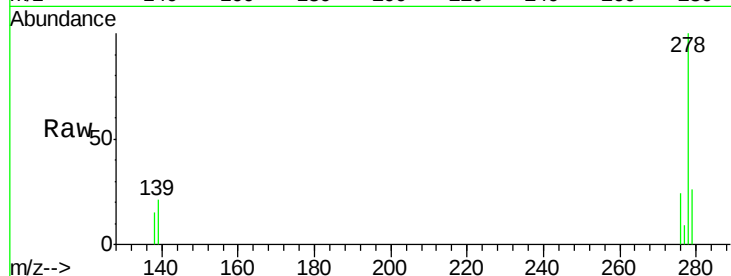
Acq: 13 May 2015 17:09

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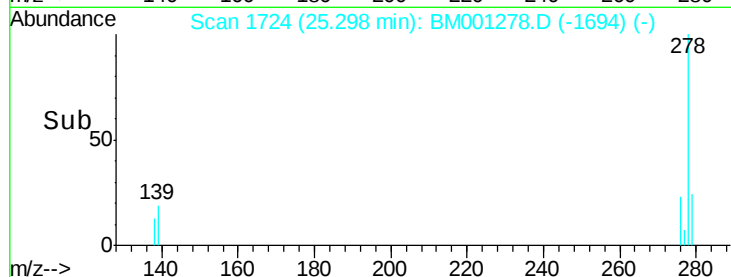
Tgt Ion: 278 Resp: 7491

Ion Ratio Lower Upper

278 100

139 20.5 18.6 28.0

279 26.4 23.2 34.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

