

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031915\
 Data File : BM000732.D
 Acq On : 19 Mar 2015 17:34
 Operator : TP/IZ
 Sample : G1452-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1K80

Quant Time: Mar 20 11:03:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:39:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2568	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	9053	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	4967	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8876	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7314	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	6681	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	3391	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	6660	0.38	ng/ul	0.00

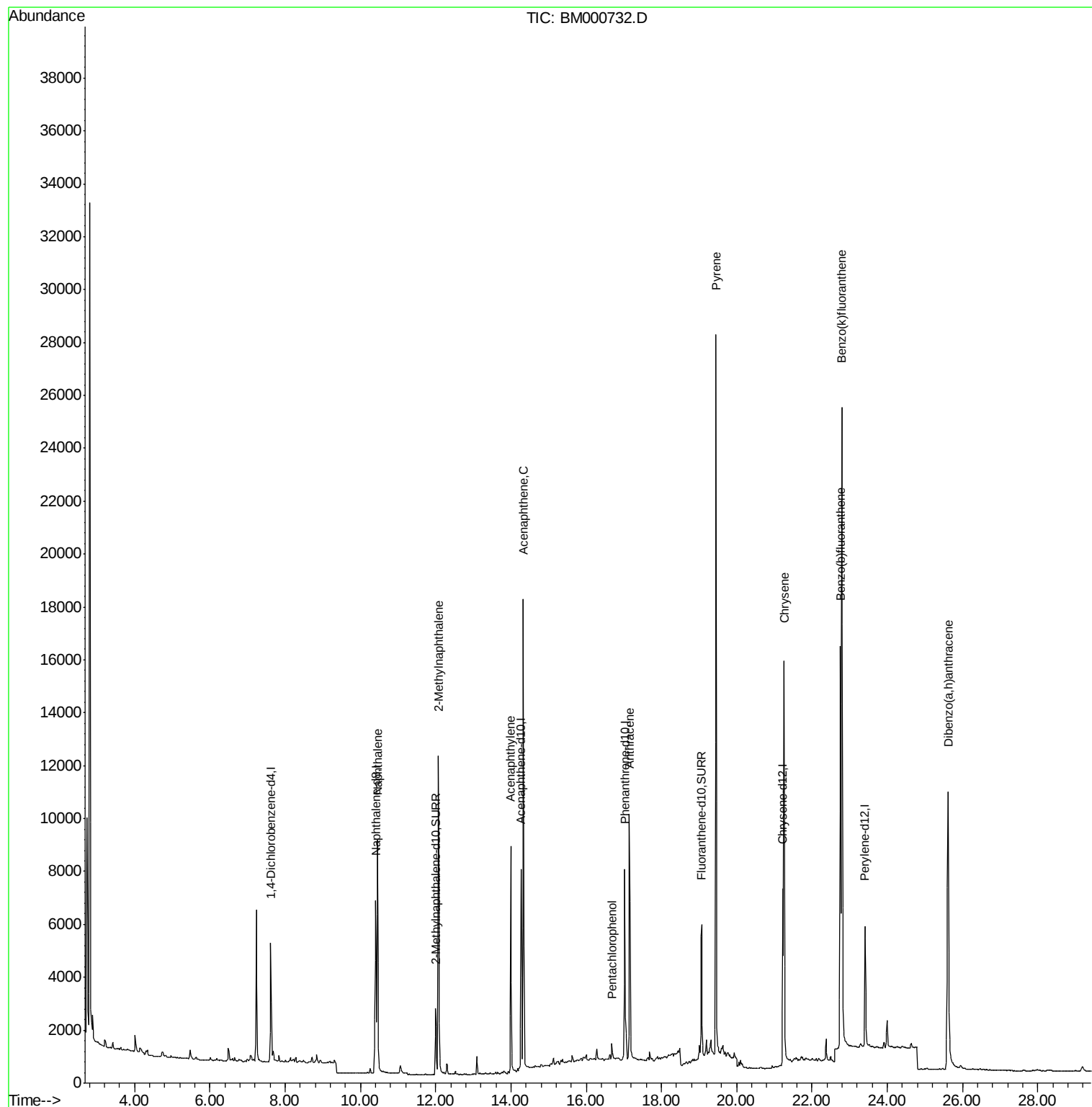
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	12568	0.58	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	9209	0.67	ng/ul	100
7) Acenaphthylene	14.00	152	11379	0.66	ng/ul	99
8) Acenaphthene	14.33	153	10940	0.78	ng/ul	99
11) Pentachlorophenol	16.68	266	564	0.51	ng/ul	96
13) Anthracene	17.15	178	12765	0.61	ng/ul	99
17) Pyrene	19.45	202	24488	0.94	ng/ul	100
19) Chrysene	21.26	228	16641	0.69	ng/ul#	88
21) Benzo(b)fluoranthene	22.75	252	18892	0.83	ng/ul	97
22) Benzo(k)fluoranthene	22.79	252	29378	1.25	ng/ul	97
25) Dibenzo(a,h)anthracene	25.62	278	16698	0.86	ng/ul	95

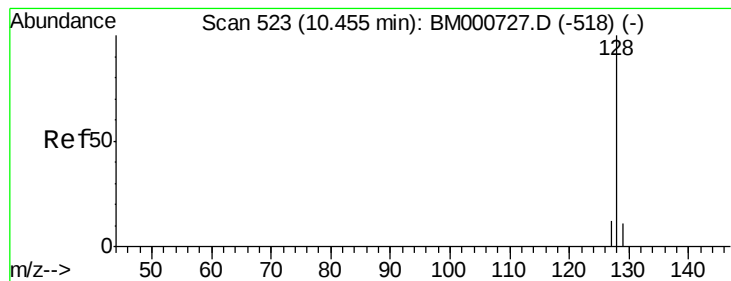
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.58 ng/ul

RT: 10.46 min Scan# 523

Delta R.T. 0.00 min

Lab File: BM000732.D

Acq: 19 Mar 2015 17:34

Instrument :

BNA_M

ClientSampleId :

X1K80

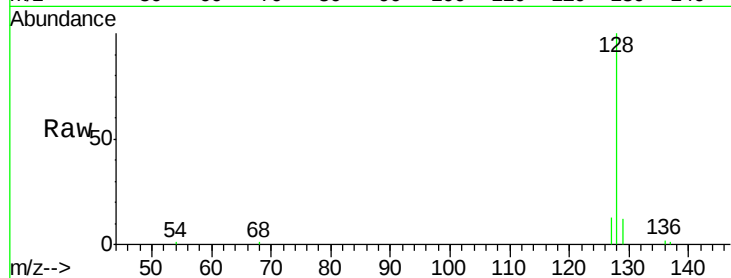
Tgt Ion:128 Resp: 12568

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

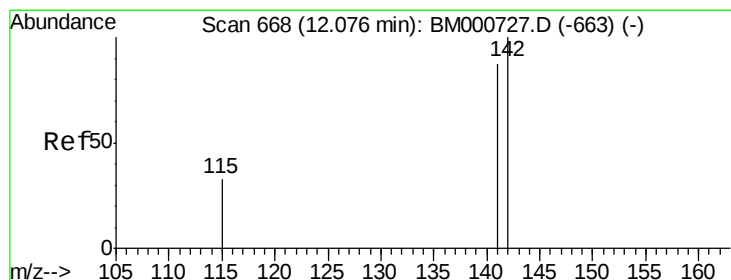
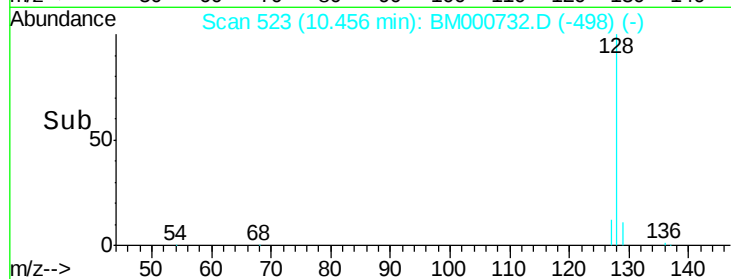
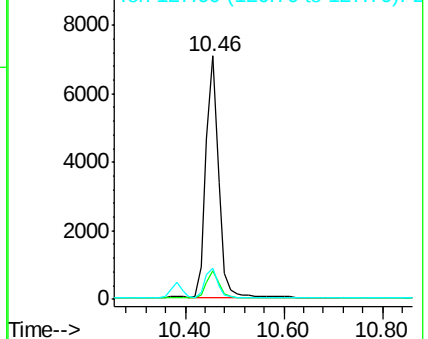
127 12.7 10.2 15.4



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: 0.67 ng/ul

RT: 12.08 min Scan# 668

Delta R.T. 0.00 min

Lab File: BM000732.D

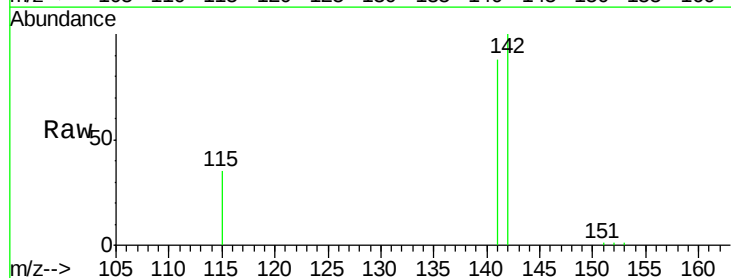
Acq: 19 Mar 2015 17:34

Tgt Ion:142 Resp: 9209

Ion Ratio Lower Upper

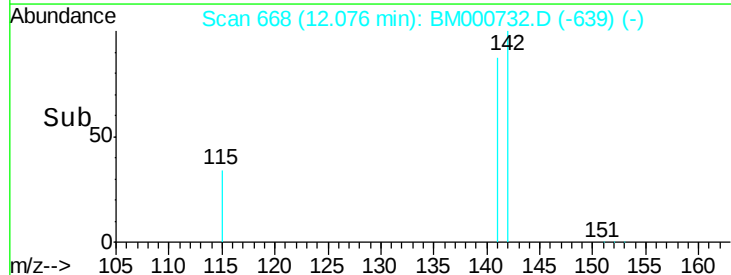
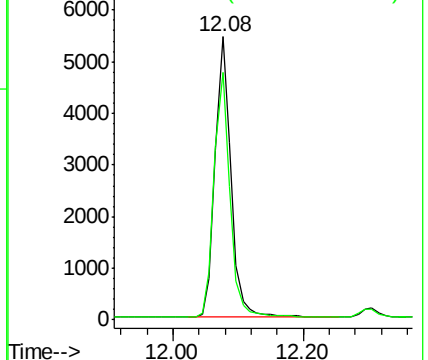
142 100

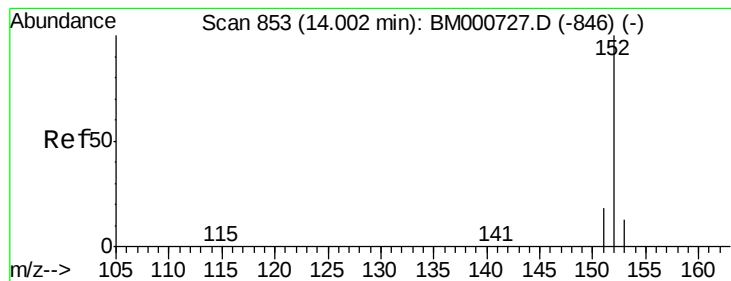
141 88.2 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.66 ng/ul

RT: 14.00 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM000732.D

Acq: 19 Mar 2015 17:34

Instrument :

BNA_M

ClientSampleId :

X1K80

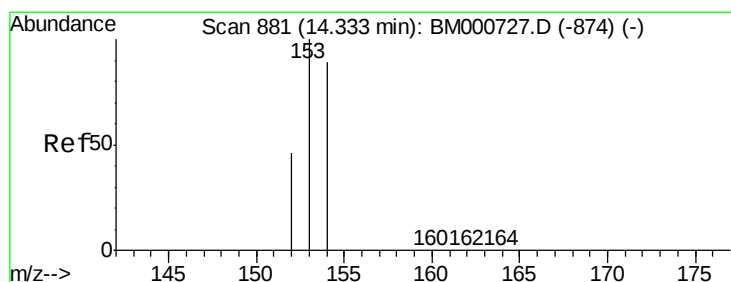
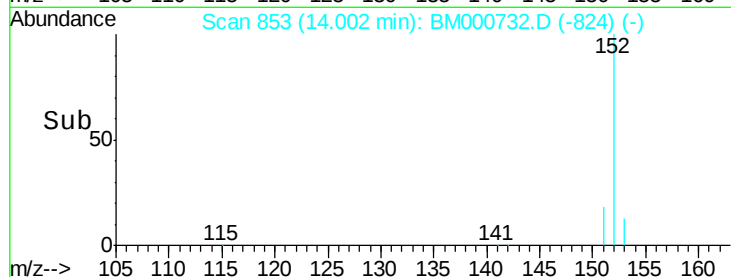
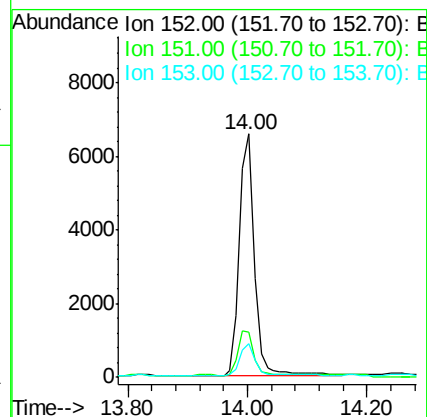
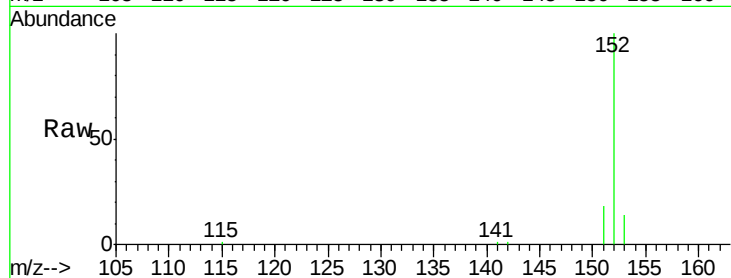
Tgt Ion:152 Resp: 11379

Ion Ratio Lower Upper

152 100

151 18.4 15.2 22.8

153 13.9 11.2 16.8



#8

Acenaphthene

Concen: 0.78 ng/ul

RT: 14.33 min Scan# 881

Delta R.T. 0.00 min

Lab File: BM000732.D

Acq: 19 Mar 2015 17:34

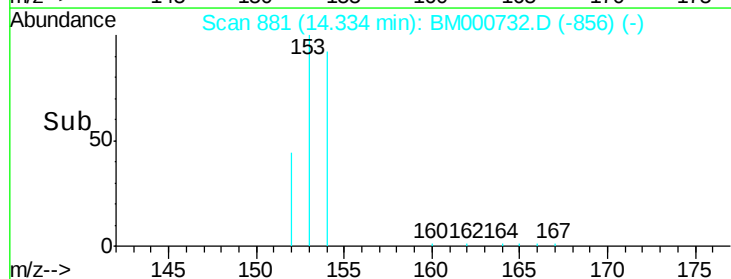
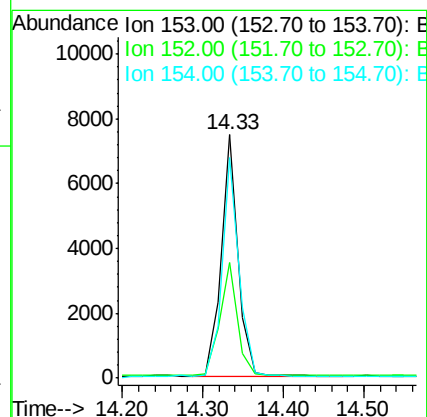
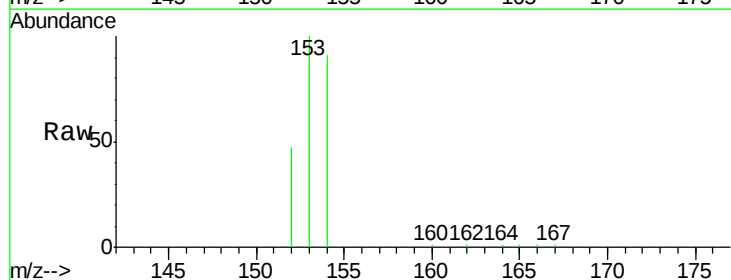
Tgt Ion:153 Resp: 10940

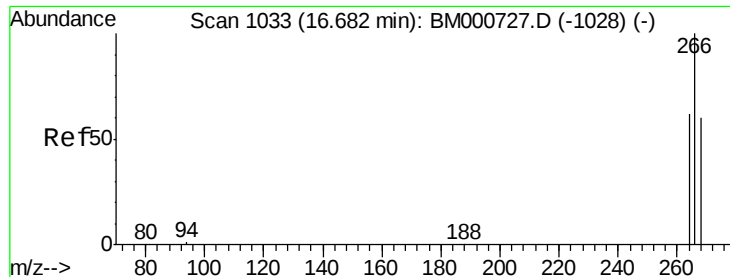
Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.6

154 90.6 71.0 106.6

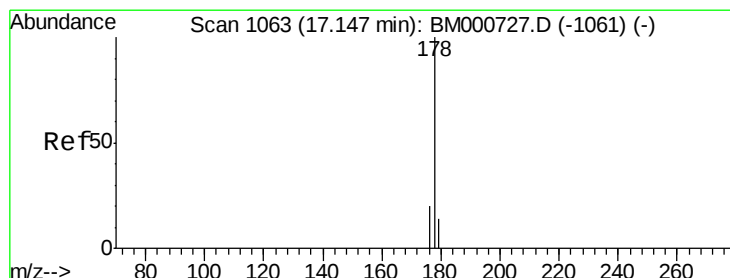
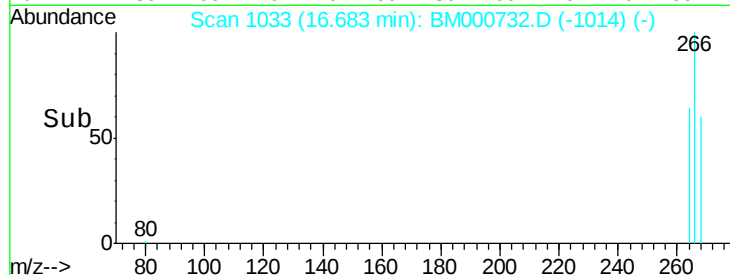
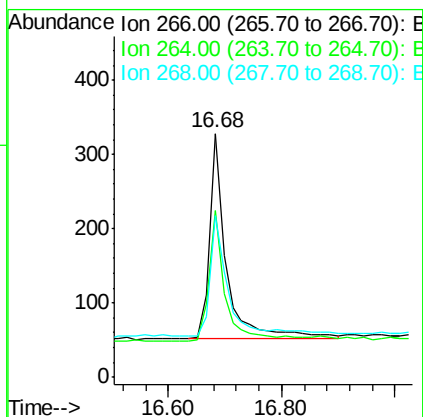
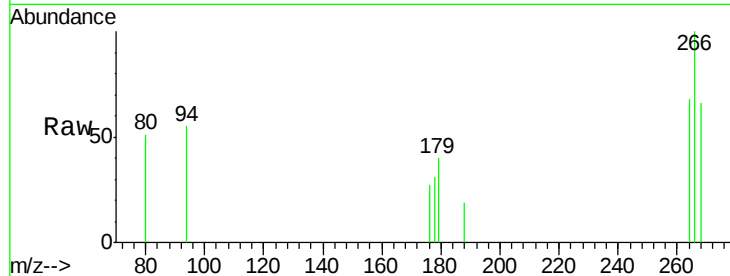




#11
 Pentachlorophenol
 Concen: 0.51 ng/ul
 RT: 16.68 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM000732.D
 Acq: 19 Mar 2015 17:34

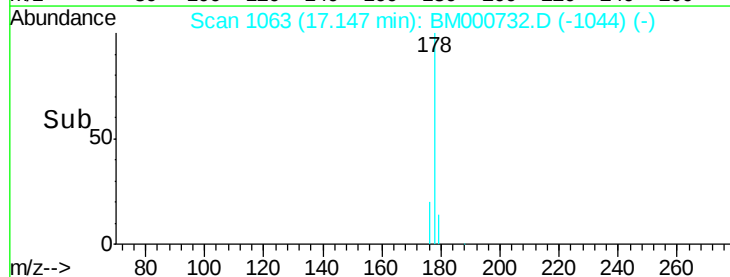
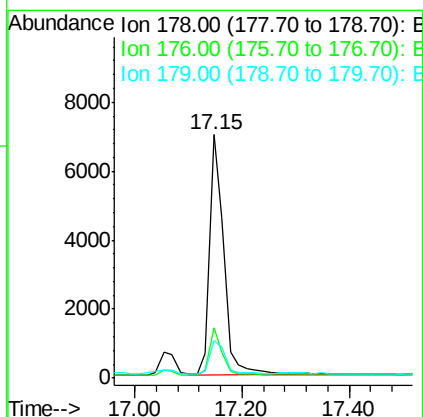
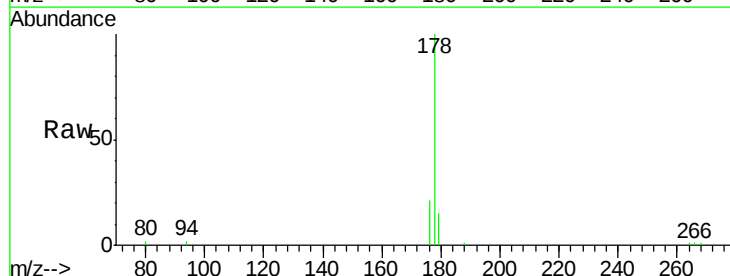
Instrument :
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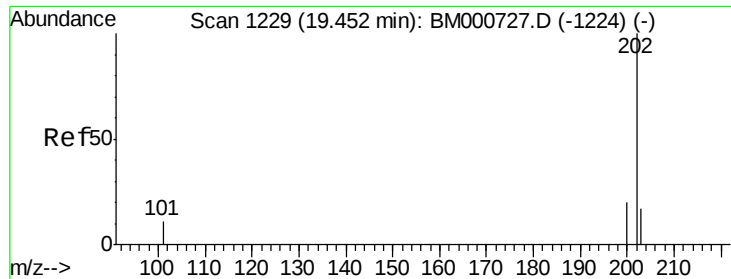
Tgt Ion: 266 Resp: 564
 Ion Ratio Lower Upper
 266 100
 264 65.4 47.8 71.8
 268 64.5 51.7 77.5



#13
 Anthracene
 Concen: 0.61 ng/ul
 RT: 17.15 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000732.D
 Acq: 19 Mar 2015 17:34

Tgt Ion: 178 Resp: 12765
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.7 25.1
 179 15.5 12.0 18.0

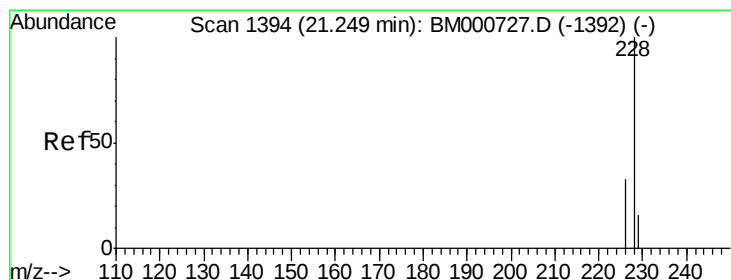
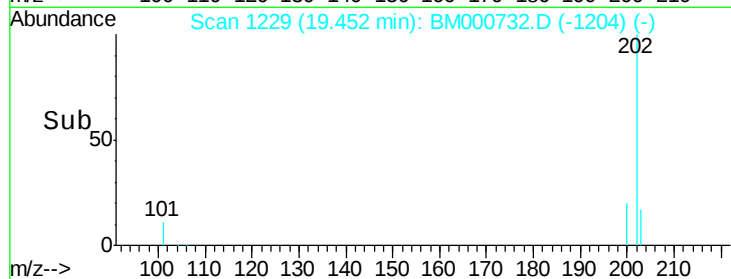
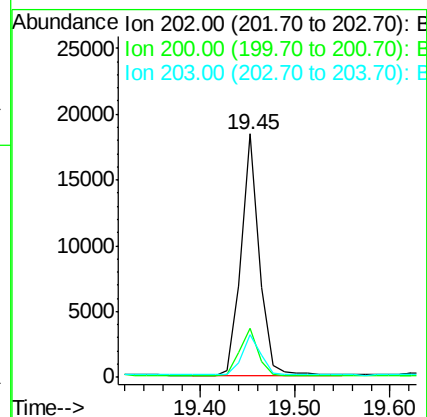
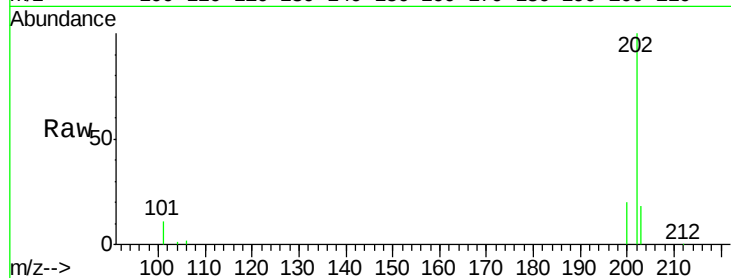




#17
 Pyrene
 Concen: 0.94 ng/ul
 RT: 19.45 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BM000732.D
 Acq: 19 Mar 2015 17:34

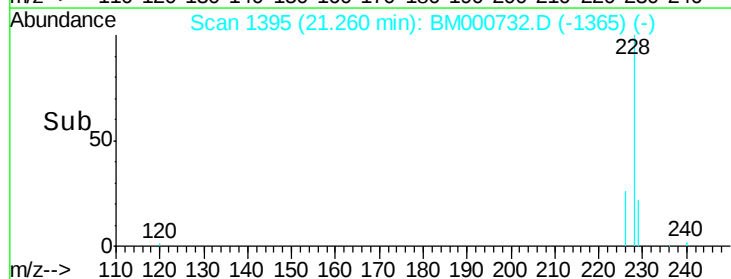
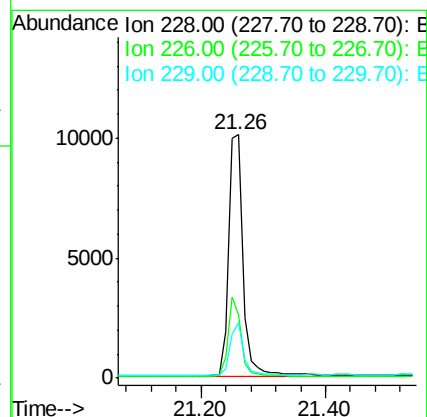
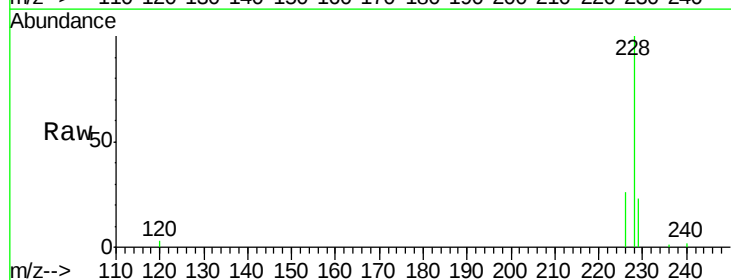
Instrument :
 BNA_M
 ClientSampleId :
 X1K80

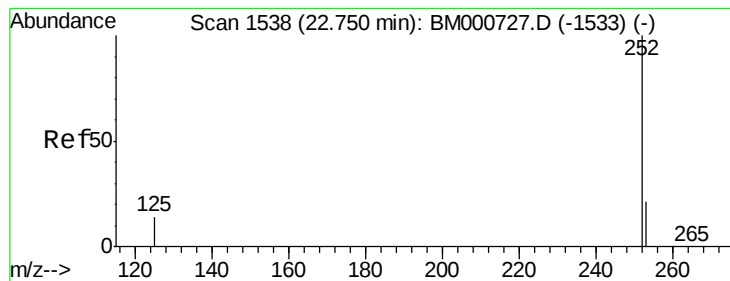
Tgt Ion: 202 Resp: 24488
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.3 24.5
 203 17.7 13.9 20.9



#19
 Chrysene
 Concen: 0.69 ng/ul
 RT: 21.26 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BM000732.D
 Acq: 19 Mar 2015 17:34

Tgt Ion: 228 Resp: 16641
 Ion Ratio Lower Upper
 228 100
 226 26.1 26.1 39.1#
 229 22.5 13.9 20.9#





#21

Benzo(b)fluoranthene

Concen: 0.83 ng/u1

RT: 22.75 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM000732.D

Acq: 19 Mar 2015 17:34

Instrument :

BNA_M

ClientSampleId :

X1K80

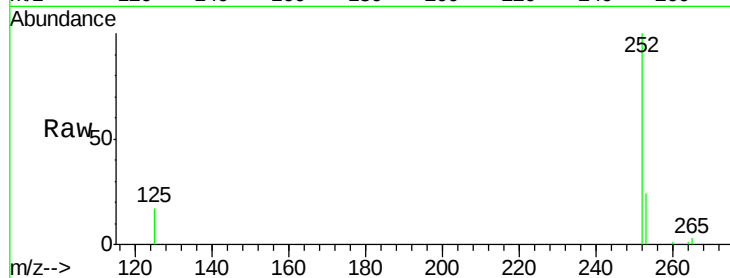
Tgt Ion:252 Resp: 18892

Ion Ratio Lower Upper

252 100

253 23.9 0.0 49.2

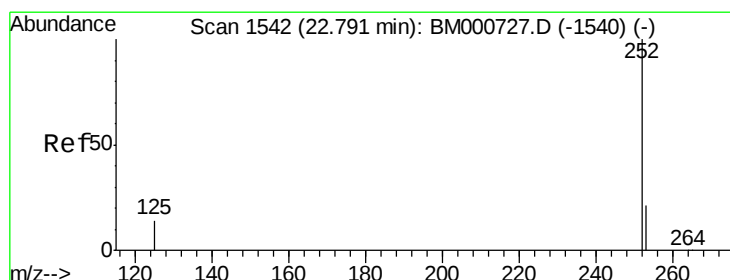
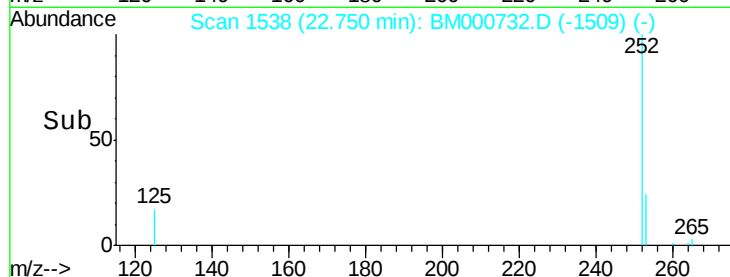
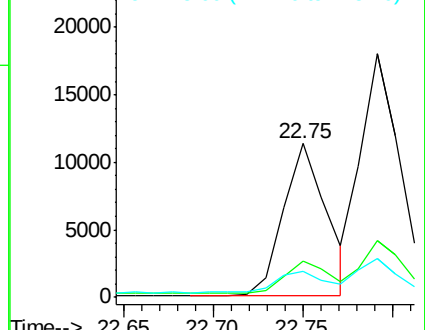
125 16.9 0.0 30.0



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: 1.25 ng/u1

RT: 22.79 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM000732.D

Acq: 19 Mar 2015 17:34

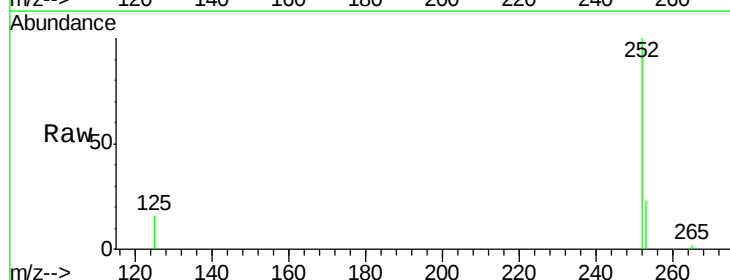
Tgt Ion:252 Resp: 29378

Ion Ratio Lower Upper

252 100

253 23.1 19.8 29.6

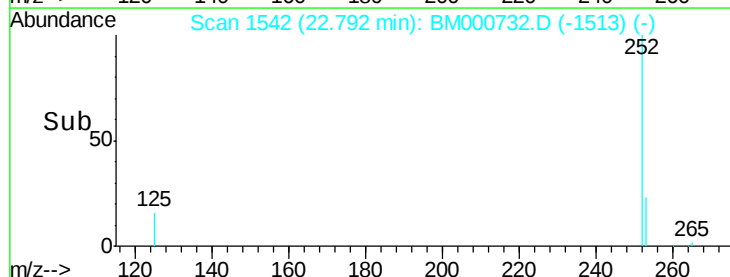
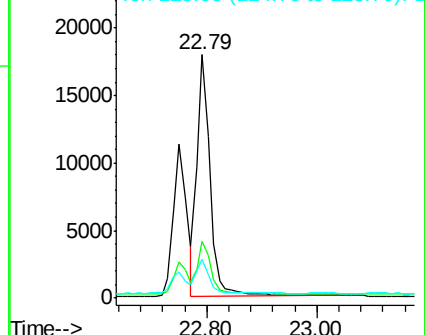
125 15.8 12.2 18.2

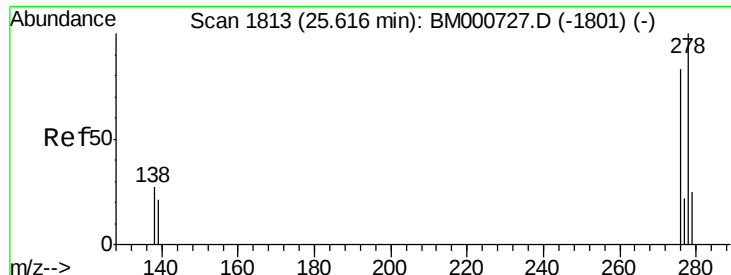


Abundance Ion 252.00 (251.70 to 252.70): E

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: 25.62 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BM000732.D

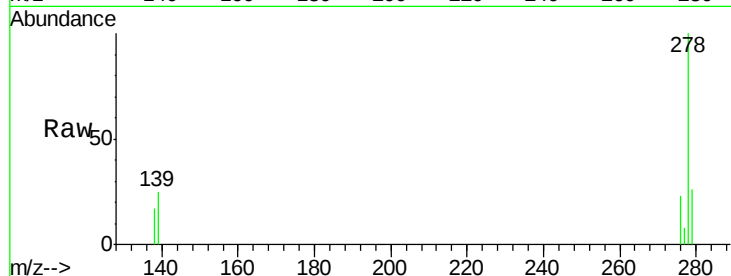
Acq: 19 Mar 2015 17:34

Instrument :

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ClientSampleId :

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Tgt Ion: 278 Resp: 16698

Ion Ratio Lower Upper

278 100

139 25.0 18.1 27.1

279 25.5 22.3 33.5

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

