

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040816\
 Data File : BM004928.D
 Acq On : 08 Apr 2016 13:18
 Operator : UM/SJ
 Sample : H2275-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T84

Quant Time: Apr 09 01:21:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 09 01:17:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	43830	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	179645	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	99423	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	227816	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	233078	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	214094	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	631	0.03	ng/uL	0.02
6) 2-Methylnaphthalene-d10	12.21	152	857	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	2472	0.00	ng/ul	0.00

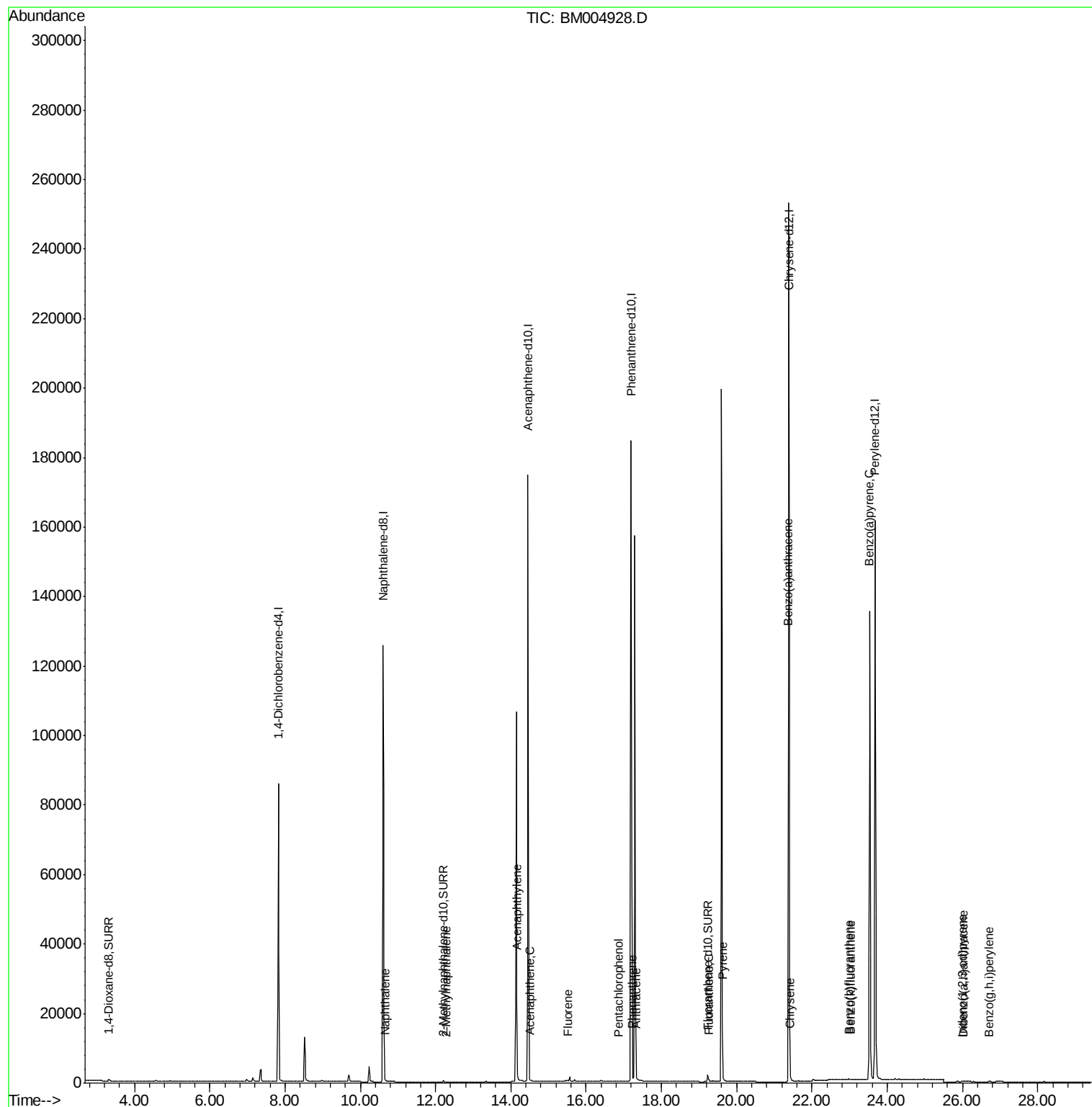
Target Compounds				Qvalue		
5) Naphthalene	10.66	128	59	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	66	0.00	ng/ul	95
9) Acenaphthylene	14.16	152	110	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	111	0.00	ng/ul#	74
11) Fluorene	15.51	166	248	0.00	ng/ul#	85
13) Pentachlorophenol	16.87	266	20	0.00	ng/ul#	71
14) Phenanthrene	17.23	178	853	0.00	ng/ul#	70
15) Anthracene	17.33	178	499	0.00	ng/ul#	63
17) Fluoranthene	19.25	202	631	0.00	ng/ul#	61
19) Pyrene	19.62	202	1011	0.00	ng/ul#	63
20) Benzo(a)anthracene	21.38	228	1179	0.00	ng/ul#	88
21) Chrysene	21.42	228	351	0.00	ng/ul#	71
23) Benzo(b)fluoranthene	22.98	252	396	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.03	252	276	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	939	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.01	276	260	0.00	ng/ul#	71
27) Dibenzo(a,h)anthracene	26.02	278	188	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.71	276	216	0.00	ng/ul#	6

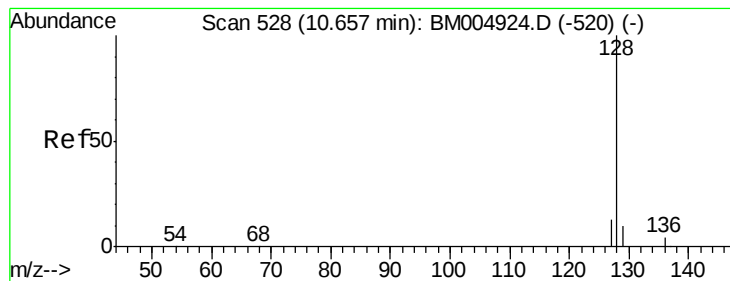
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.66 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

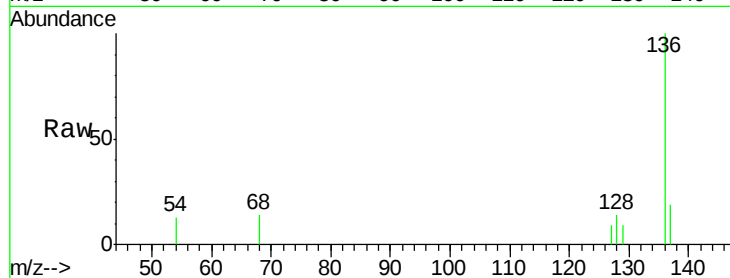
Tgt Ion:128 Resp: 59

Ion Ratio Lower Upper

128 100

129 67.9 9.0 13.6#

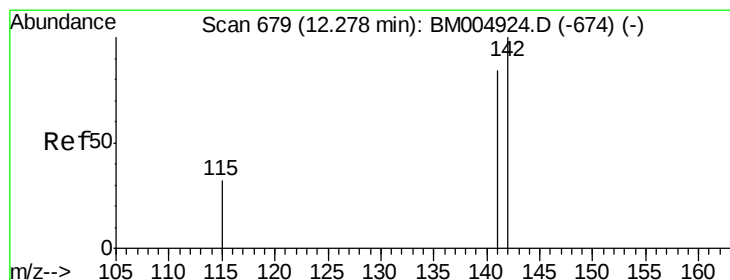
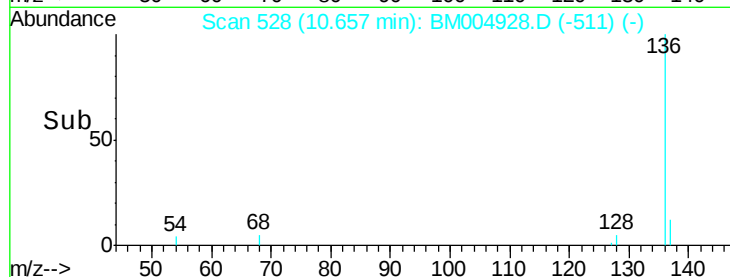
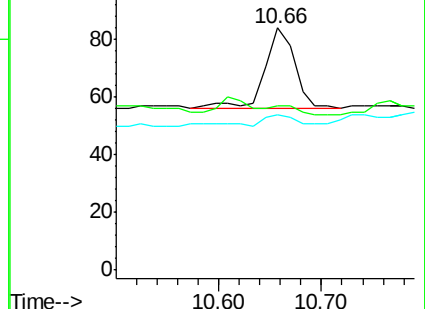
127 64.3 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004928.D

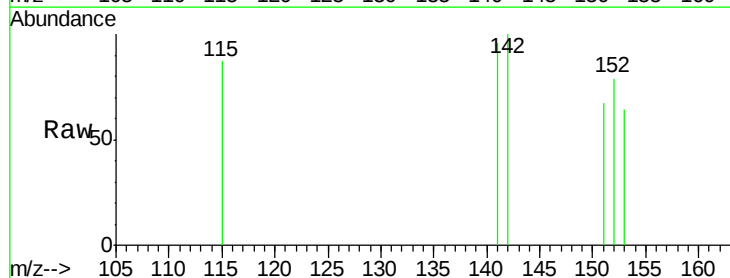
Acq: 08 Apr 2016 13:18

Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

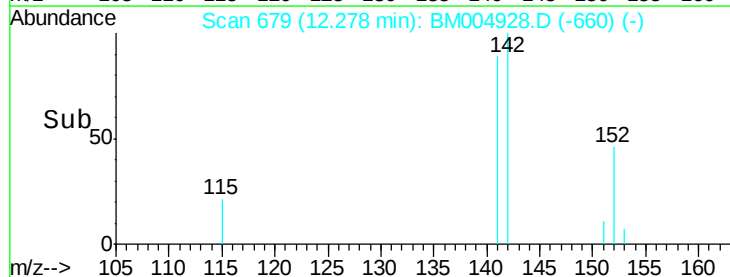
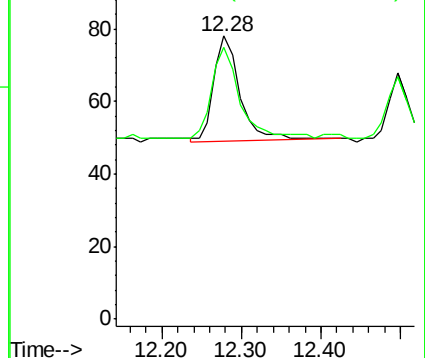
142 100

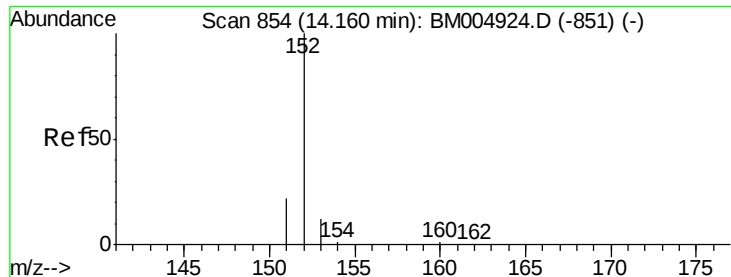
141 92.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

Tgt Ion:152 Resp: 110

Ion Ratio Lower Upper

152 100

151 62.6 17.6 26.4#

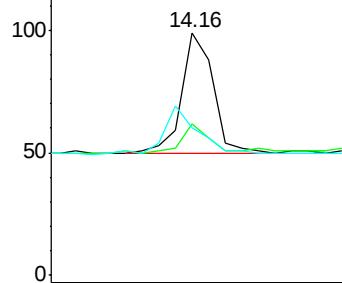
153 60.6 9.7 14.5#



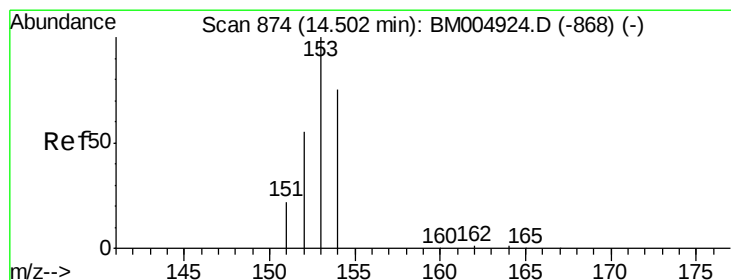
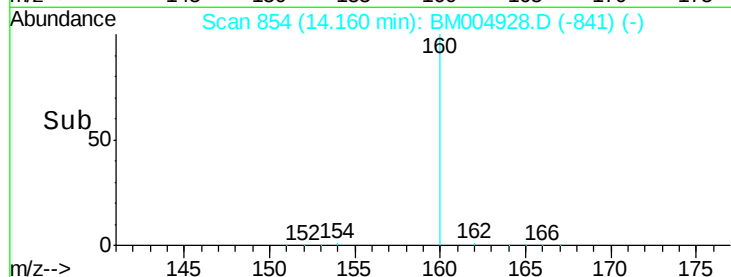
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

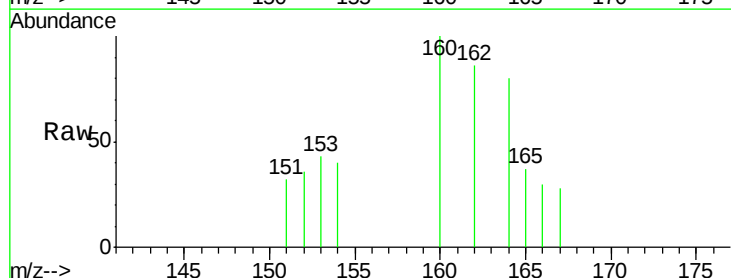
Tgt Ion:153 Resp: 111

Ion Ratio Lower Upper

153 100

152 83.7 33.9 50.9#

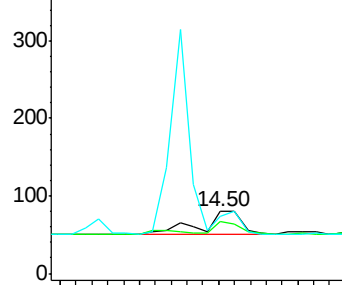
154 91.3 80.6 121.0



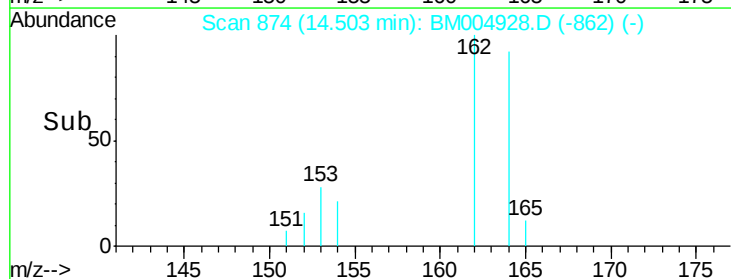
Abundance Ion 153.00 (152.70 to 153.70): E

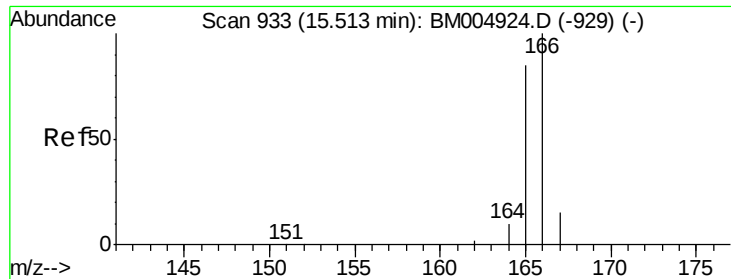
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

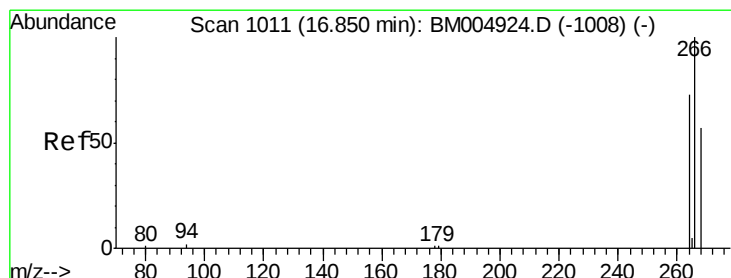
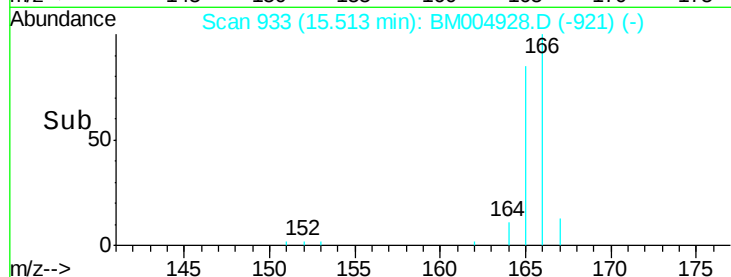
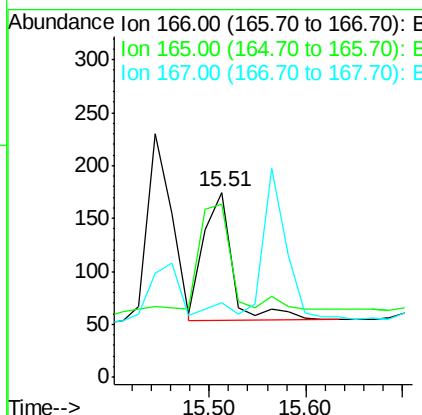
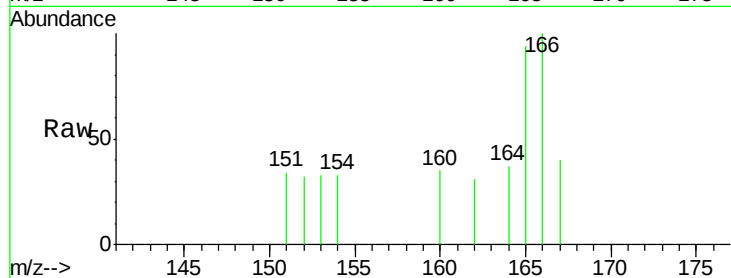




#11
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004928.D
 Acq: 08 Apr 2016 13:18

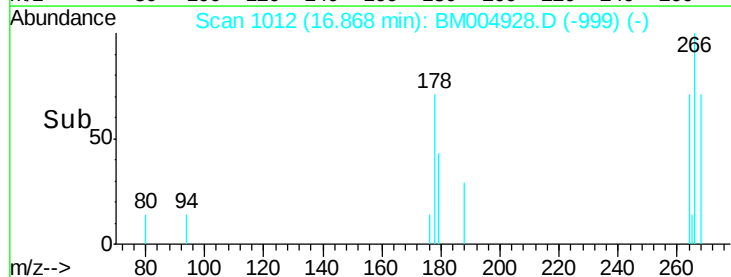
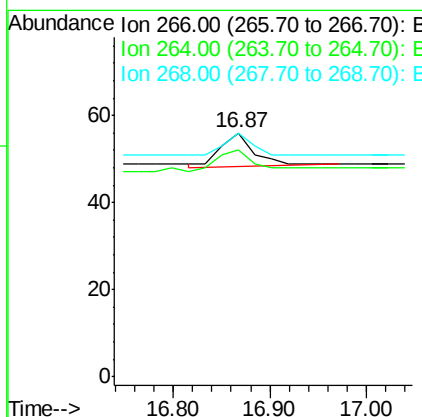
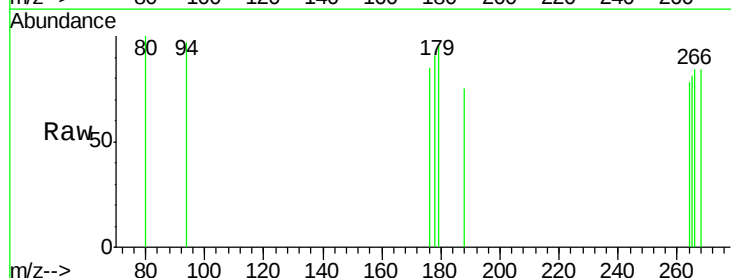
Instrument :
 BNA_M
 ClientSampleId :
 D9T84

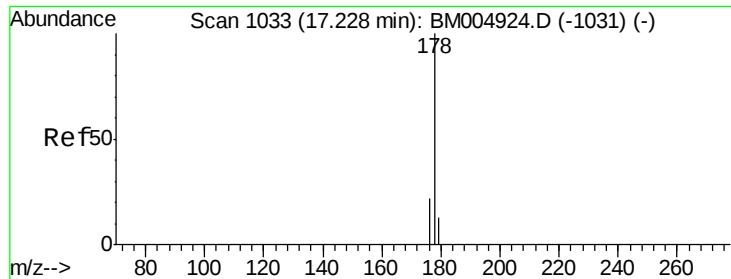
Tgt Ion:166 Resp: 248
 Ion Ratio Lower Upper
 166 100
 165 93.7 69.6 104.4
 167 40.0 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BM004928.D
 Acq: 08 Apr 2016 13:18

Tgt Ion:266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 95.0 51.8 77.8#
 268 45.0 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

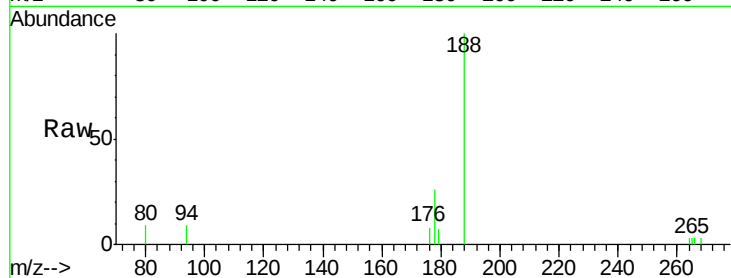
Tgt Ion:178 Resp: 853

Ion Ratio Lower Upper

178 100

176 32.2 13.0 19.4#

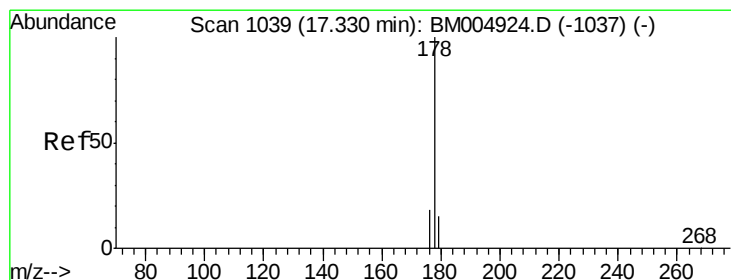
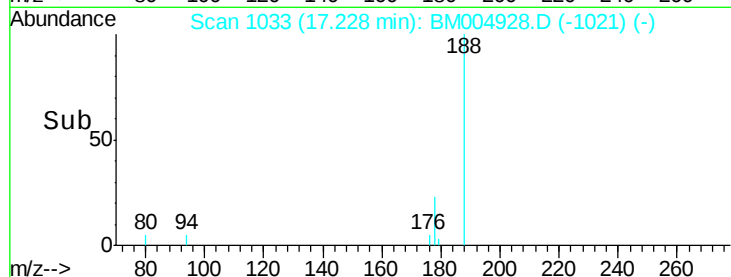
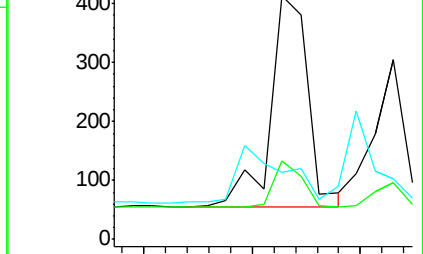
179 27.6 14.2 21.2#



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

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

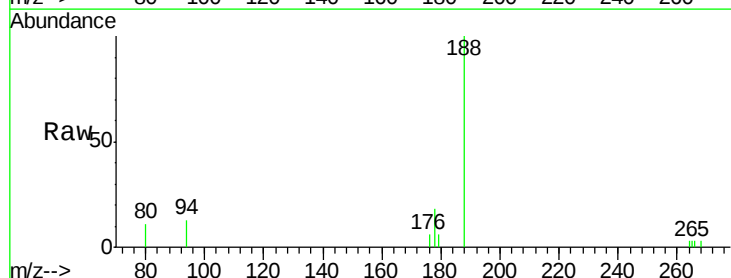
Tgt Ion:178 Resp: 499

Ion Ratio Lower Upper

178 100

176 31.8 14.0 21.0#

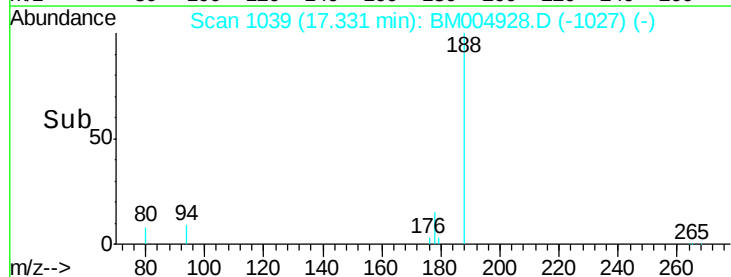
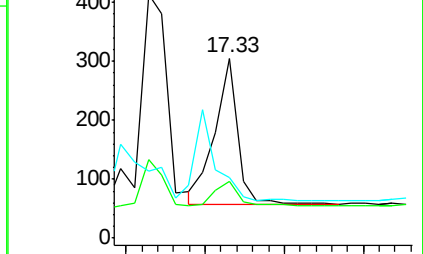
179 34.1 12.9 19.3#

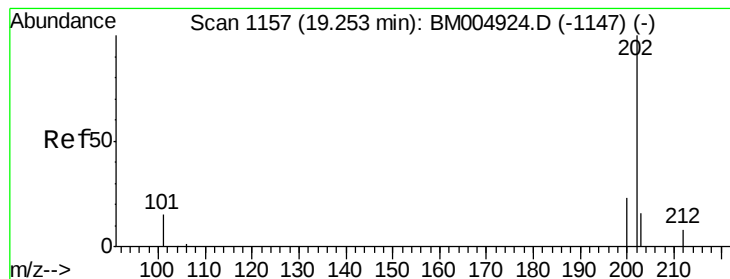


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

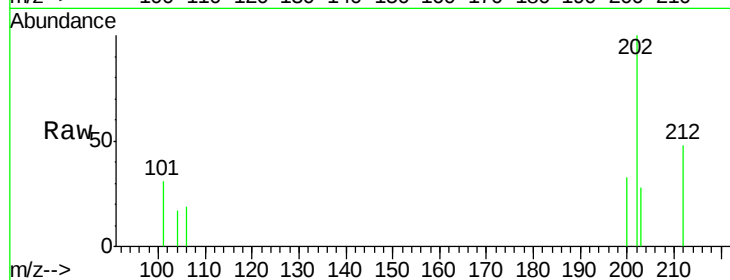
Tgt Ion:202 Resp: 631

Ion Ratio Lower Upper

202 100

101 31.0 0.0 29.6#

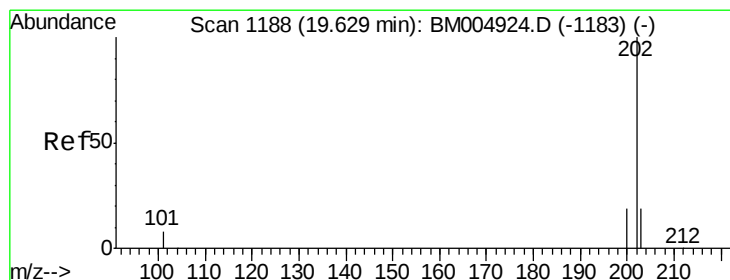
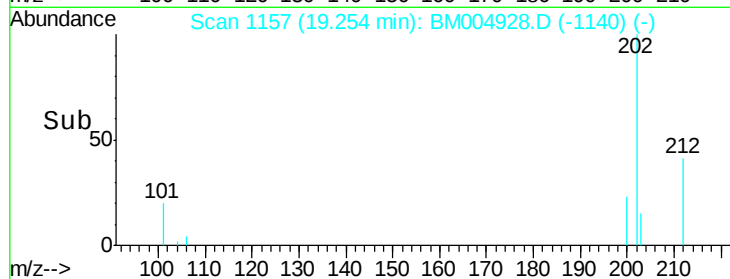
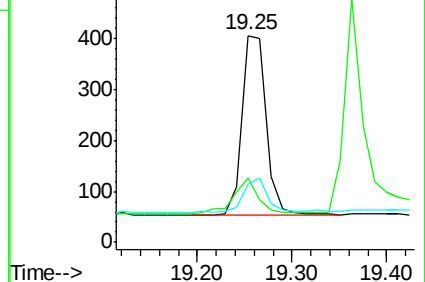
203 28.1 0.0 36.3



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



#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.62 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

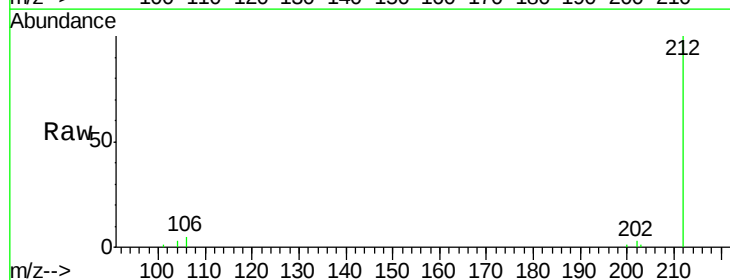
Tgt Ion:202 Resp: 1011

Ion Ratio Lower Upper

202 100

200 31.7 17.8 26.8#

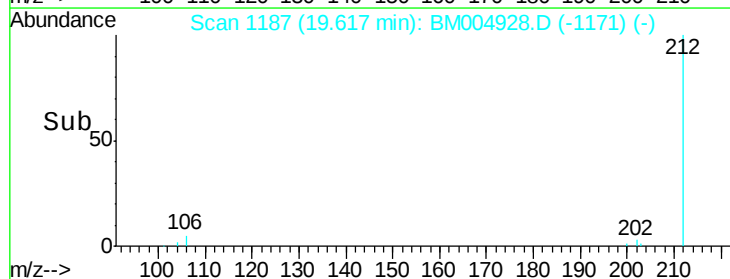
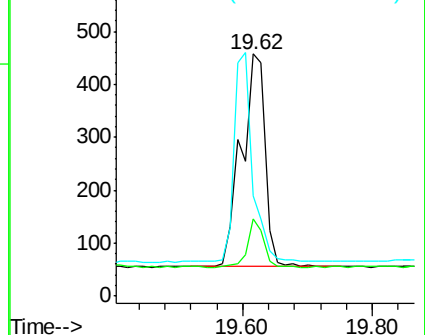
203 41.6 12.8 19.2#

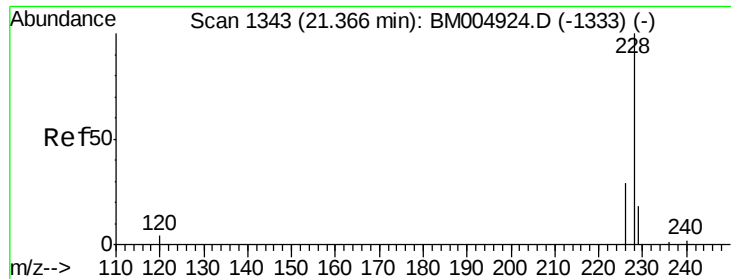


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

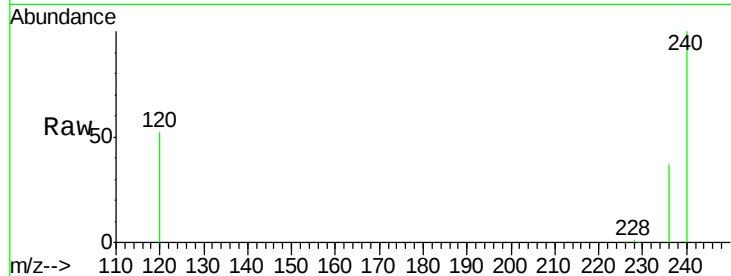
Tgt Ion:228 Resp: 1179

Ion Ratio Lower Upper

228 100

226 21.0 18.8 28.2

229 30.3 17.1 25.7#



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

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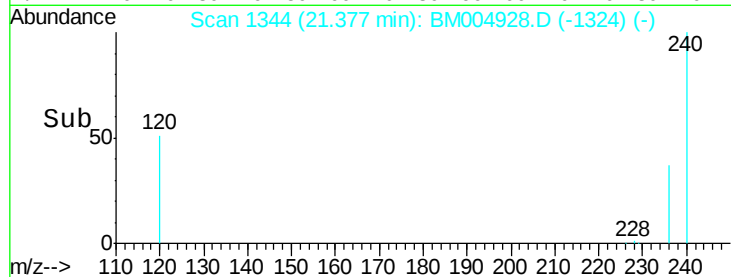
21.38

21.38

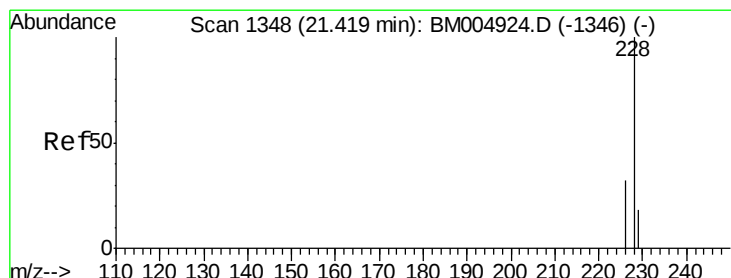
21.38

21.38

21.38



Time-->



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

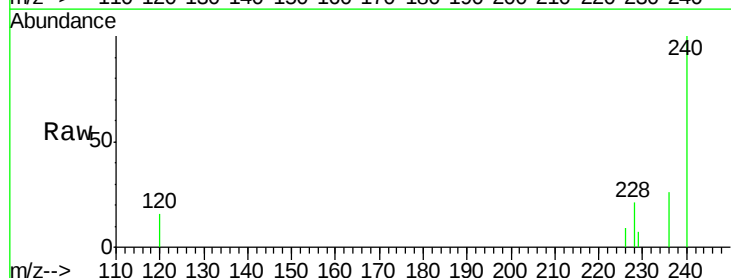
Tgt Ion:228 Resp: 351

Ion Ratio Lower Upper

228 100

226 42.4 21.2 31.8#

229 34.0 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

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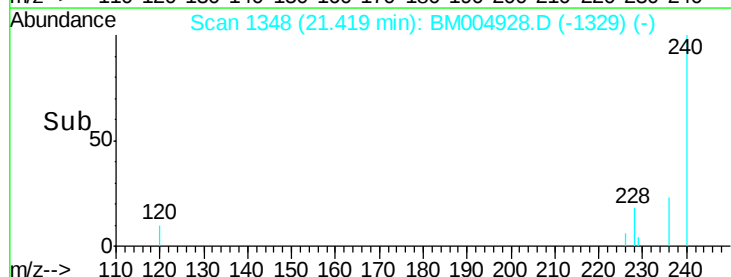
21.42

21.42

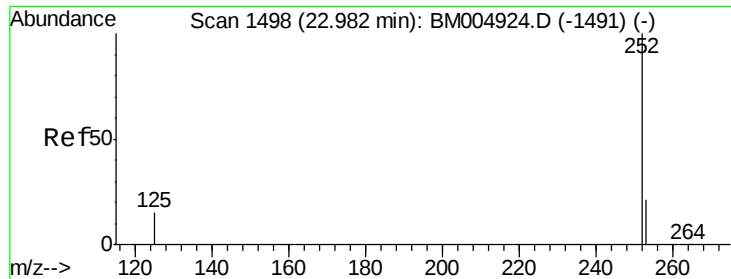
21.42

21.42

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Time-->



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.98 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

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BNA_M

ClientSampleId :

D9T84

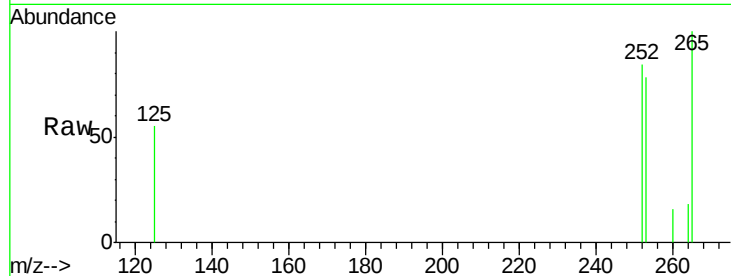
Tgt Ion:252 Resp: 396

Ion Ratio Lower Upper

252 100

253 92.3 0.0 45.4#

125 64.8 0.0 28.8#



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

22.98

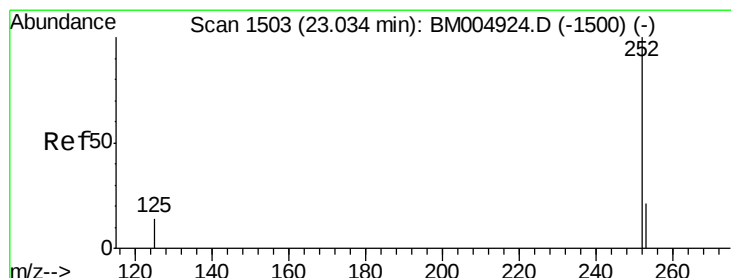
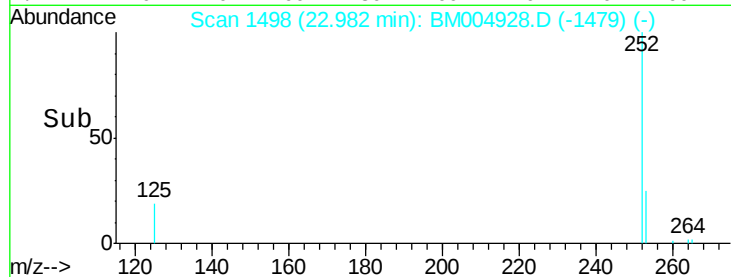
300

200

100

0

Time-->



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 23.03 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

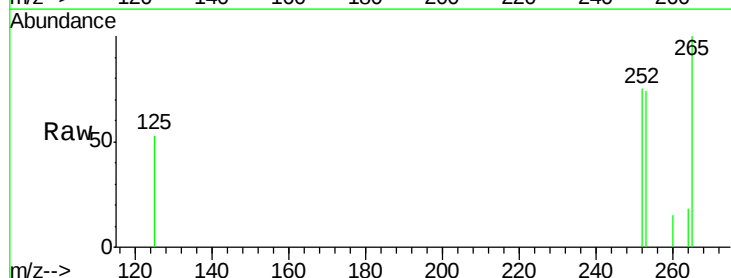
Tgt Ion:252 Resp: 276

Ion Ratio Lower Upper

252 100

253 99.3 19.8 29.8#

125 70.5 10.4 15.6#



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

23.03

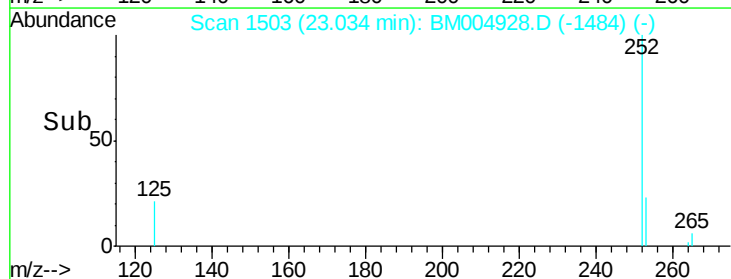
300

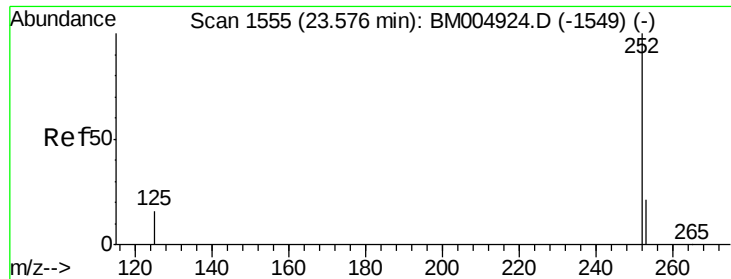
200

100

0

Time-->





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 1551

Delta R.T. -0.04 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

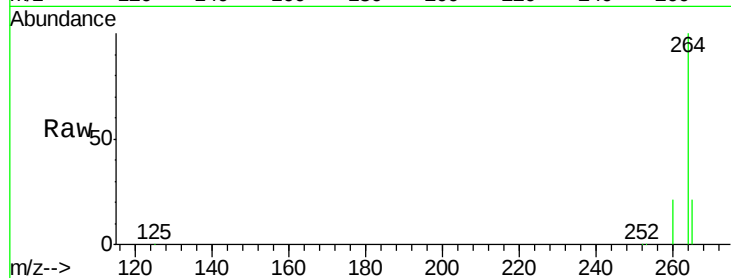
Tgt Ion: 252 Resp: 939

Ion Ratio Lower Upper

252 100

253 77.3 19.4 29.2#

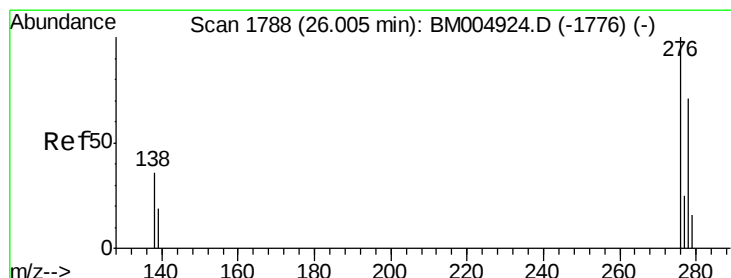
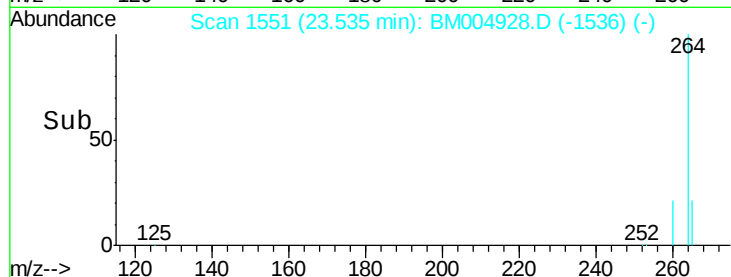
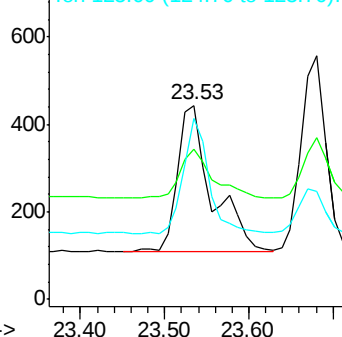
125 93.2 12.7 19.1#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

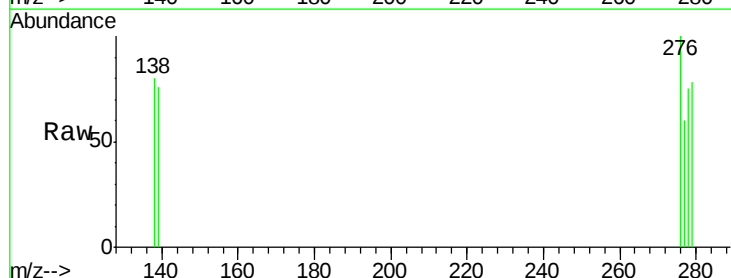
Tgt Ion: 276 Resp: 260

Ion Ratio Lower Upper

276 100

138 48.5 16.3 24.5#

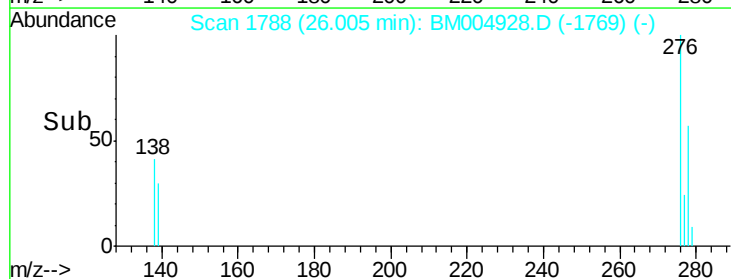
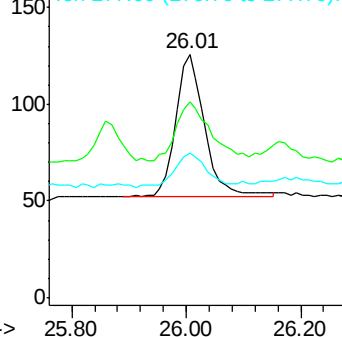
277 26.5 19.8 29.8

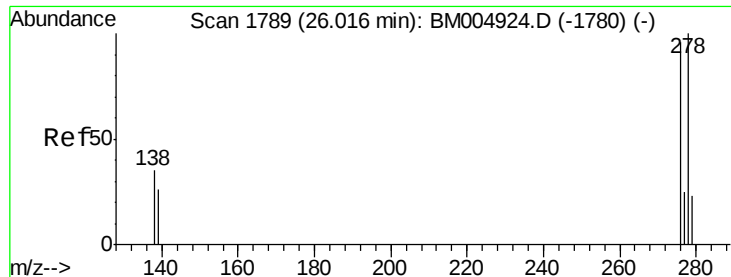


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 26.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Instrument :

BNA_M

ClientSampleId :

D9T84

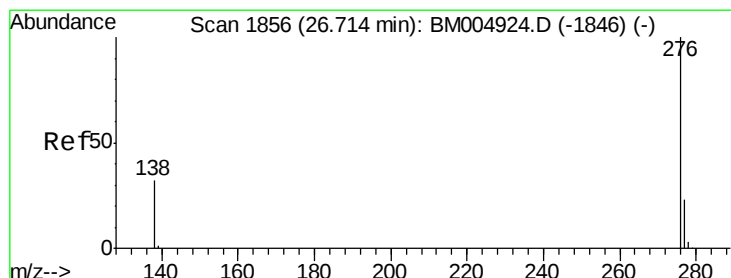
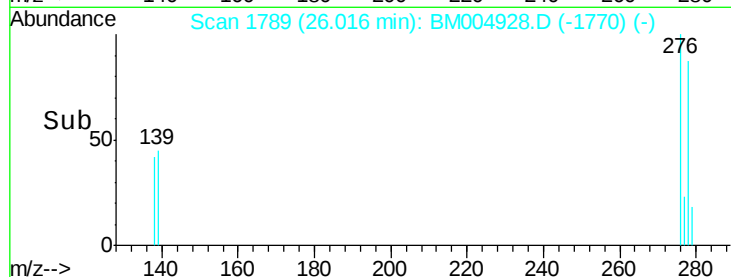
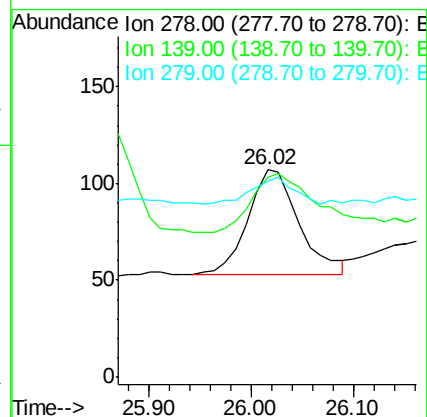
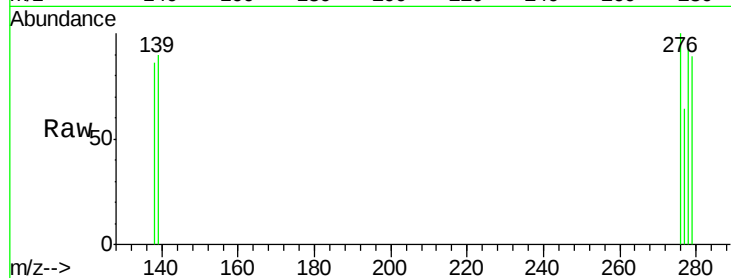
Tgt Ion: 278 Resp: 188

Ion Ratio Lower Upper

278 100

139 96.3 16.4 24.6#

279 94.4 20.2 30.2#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.71 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BM004928.D

Acq: 08 Apr 2016 13:18

Tgt Ion: 276 Resp: 216

Ion Ratio Lower Upper

276 100

277 66.7 18.9 28.3#

138 80.6 22.5 33.7#

