

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008679.D
 Acq On : 27 Dec 2016 18:37
 Operator : UM/SJ
 Sample : H6069-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H7DL

Quant Time: Dec 28 03:27:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.84
2) Naphthalene-d8	10.45	136	1198	0.40	ng/ul	-0.12
6) Acenaphthene-d10	14.30	164	653	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.06	188	1351	0.40	ng/ul	-0.07
16) Chrysene-d12	21.26	240	1639	0.40	ng/ul	-0.03
20) Perylene-d12	23.49	264	1548	0.40	ng/ul	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.87	152	6	0.00	ng/ul	-0.30
14) Fluoranthene-d10	19.10	212	342	0.09	ng/ul	-0.05

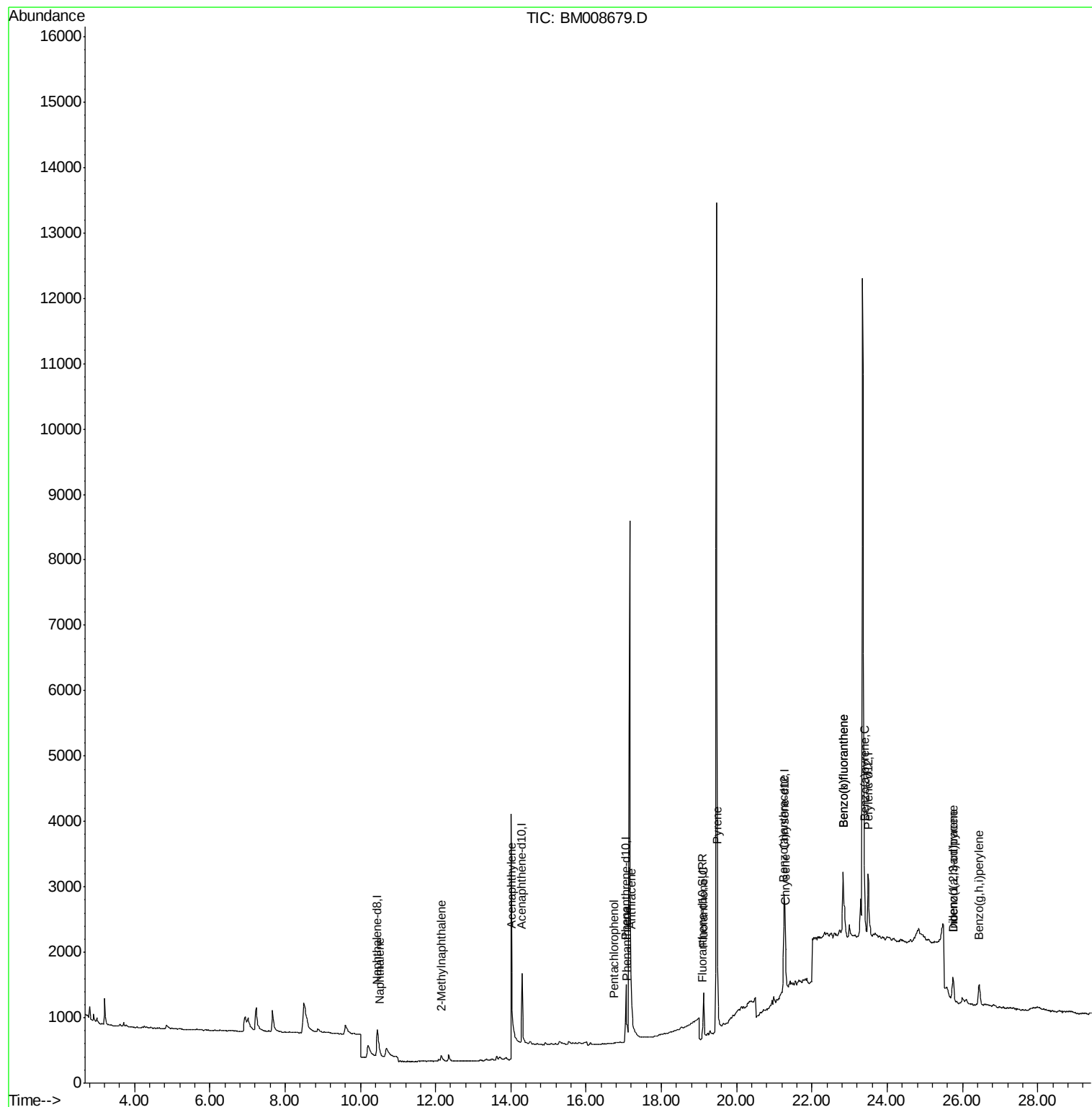
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	150	0.04	ng/ul#	1
5) 2-Methylnaphthalene	12.15	142	123	0.05	ng/ul	87
7) Acenaphthylene	14.02	152	226	0.08	ng/ul#	32
11) Pentachlorophenol	16.75	266	14	0.03	ng/ul#	31
12) Phenanthrene	17.09	178	269	0.07	ng/ul#	44
13) Anthracene	17.19	178	210	0.05	ng/ul#	33
15) Fluoranthene	19.12	202	985	0.19	ng/ul	67
17) Pyrene	19.48	202	1117	0.18	ng/ul#	75
18) Benzo(a)anthracene	21.25	228	1004	0.19	ng/ul#	28
19) Chrysene	21.30	228	575	0.10	ng/ul#	23
21) Benzo(b)fluoranthene	22.83	252	2154	0.35	ng/ul#	39
22) Benzo(k)fluoranthene	22.83	252	2139	0.36	ng/ul#	36
23) Benzo(a)pyrene	23.39	252	894	0.16	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.76	276	811	0.12	ng/ul	97
25) Dibenzo(a,h)anthracene	25.74	278	181	0.03	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	732	0.13	ng/ul#	31

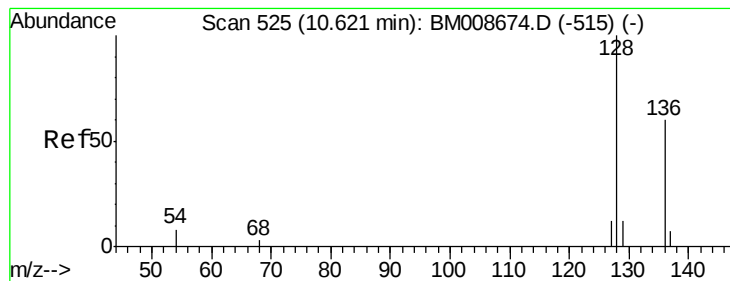
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.11 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

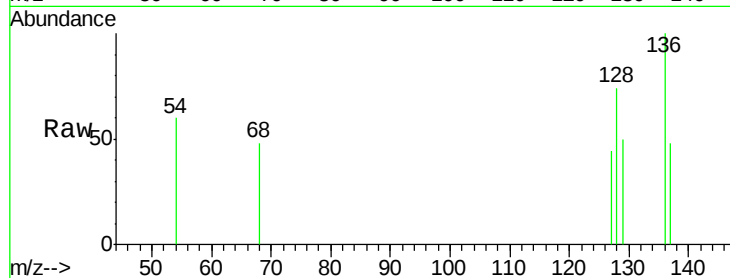
Tgt Ion:128 Resp: 150

Ion Ratio Lower Upper

128 100

129 67.7 11.3 16.9#

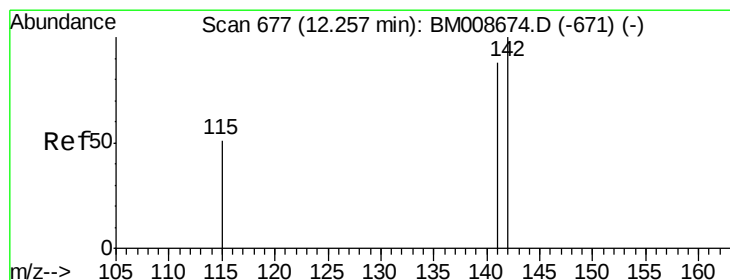
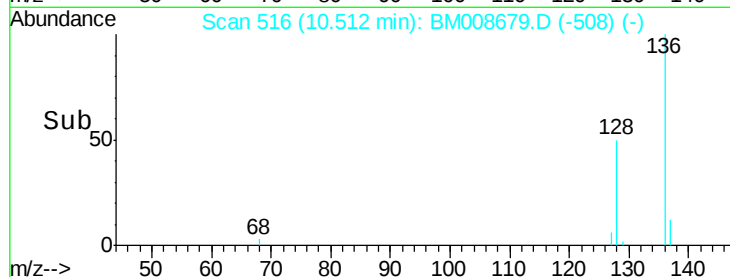
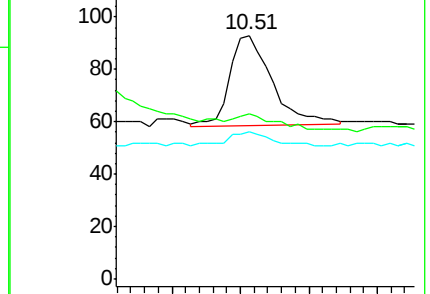
127 60.2 12.8 19.2#



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



#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.15 min Scan# 667

Delta R.T. -0.10 min

Lab File: BM008679.D

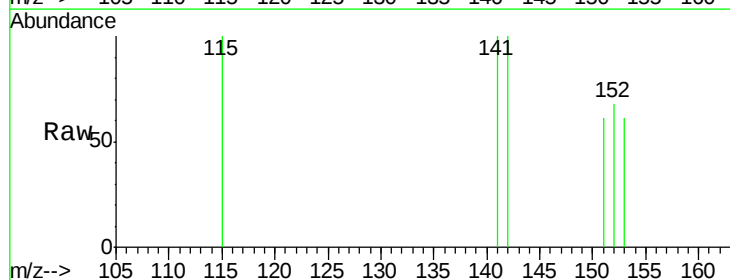
Acq: 27 Dec 2016 18:37

Tgt Ion:142 Resp: 123

Ion Ratio Lower Upper

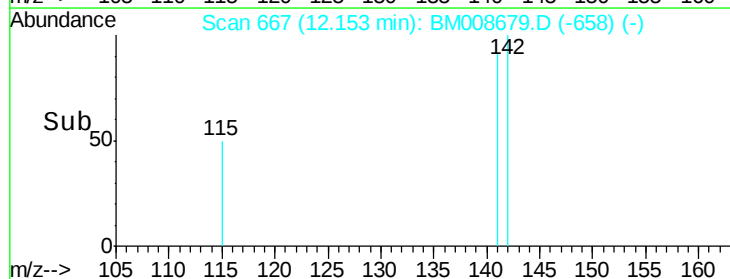
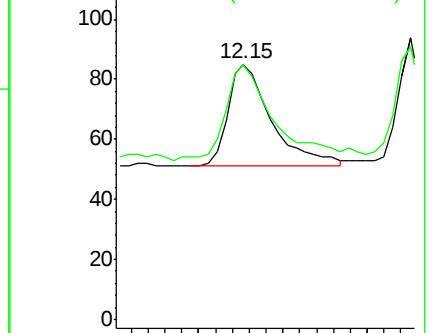
142 100

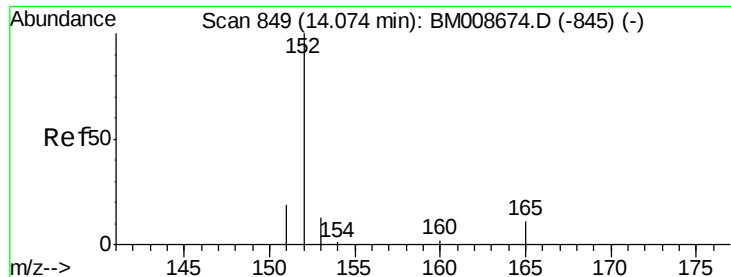
141 103.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.05 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

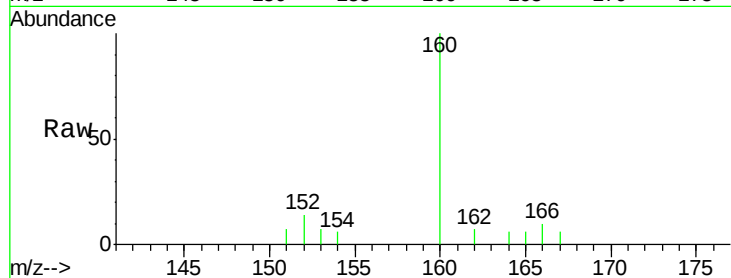
Tgt Ion:152 Resp: 226

Ion Ratio Lower Upper

152 100

151 50.0 17.1 25.7#

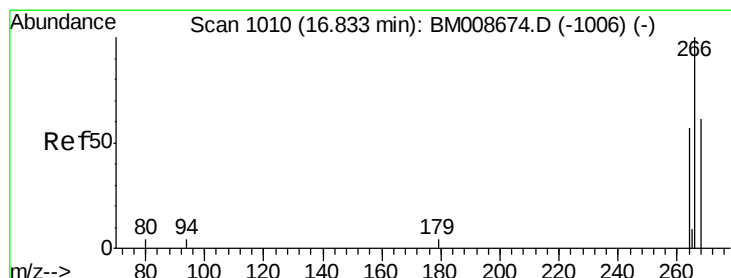
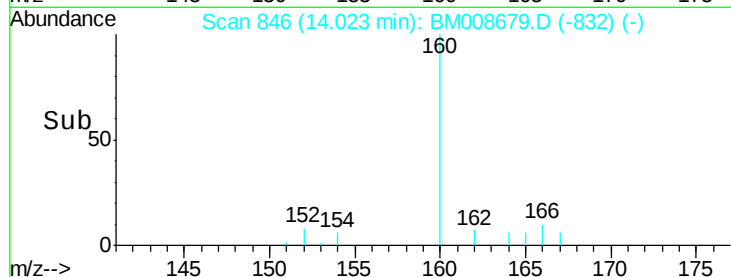
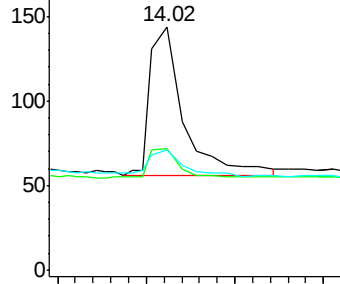
153 49.3 12.8 19.2#



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



#11

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.09 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

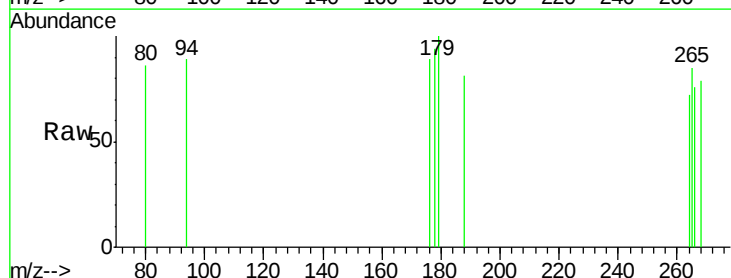
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

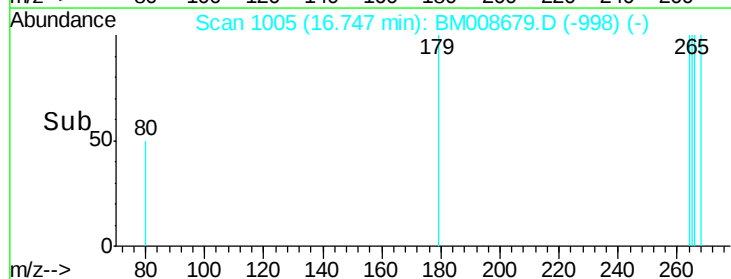
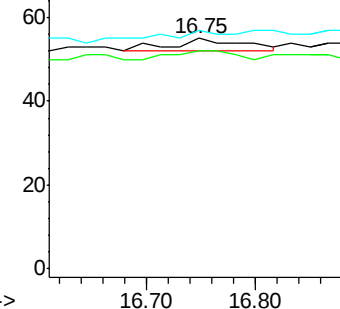
268 157.1 49.8 74.8#

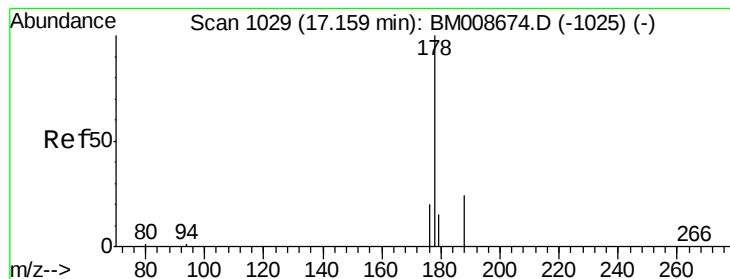


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.07 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.07 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

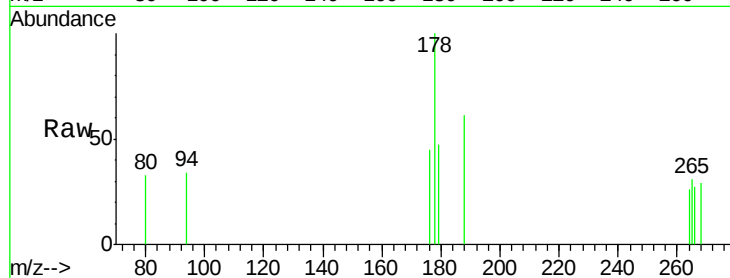
Tgt Ion:178 Resp: 269

Ion Ratio Lower Upper

178 100

176 45.3 18.4 27.6#

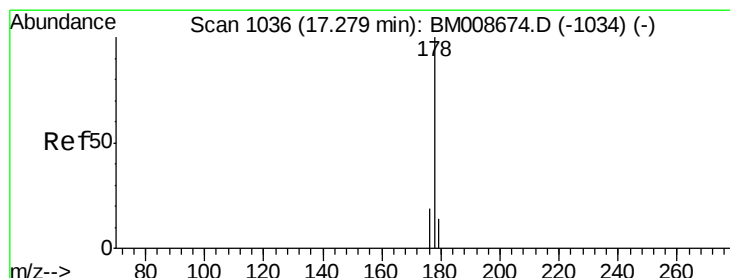
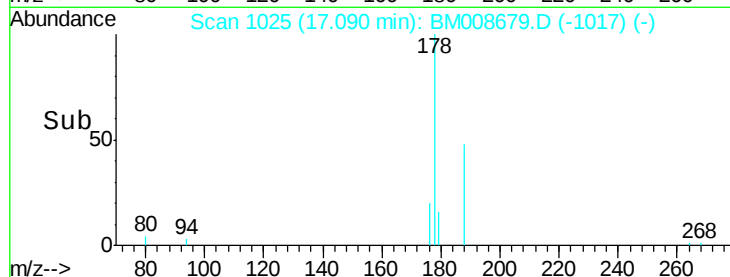
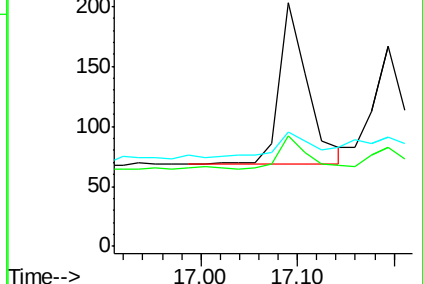
179 46.8 13.6 20.4#



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



#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.09 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

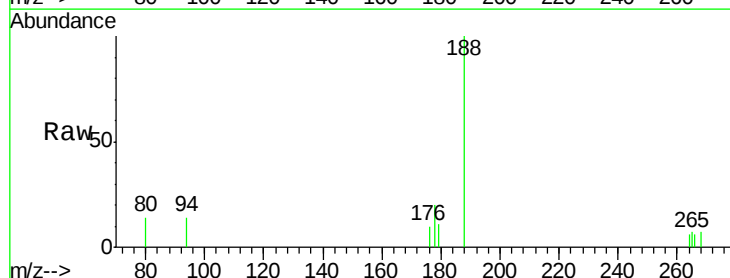
Tgt Ion:178 Resp: 210

Ion Ratio Lower Upper

178 100

176 49.7 18.1 27.1#

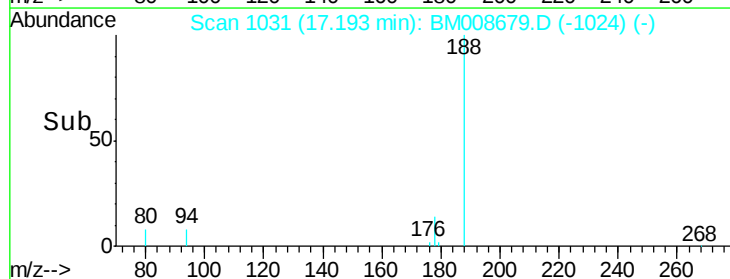
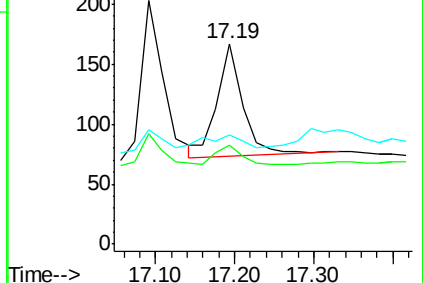
179 54.5 14.7 22.1#

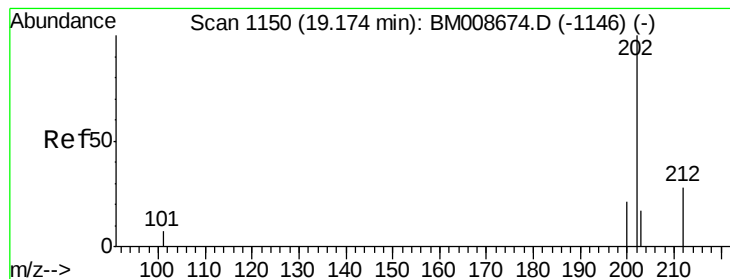


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.19 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.05 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

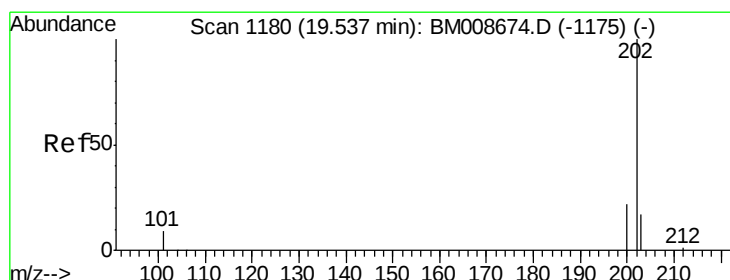
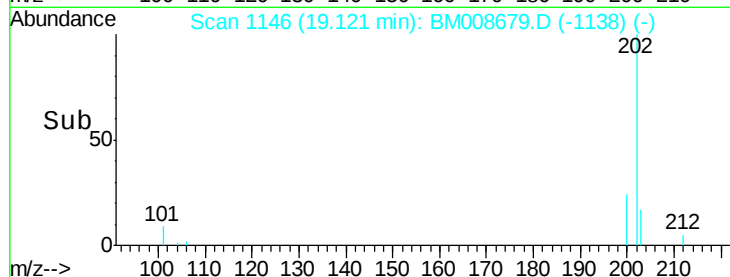
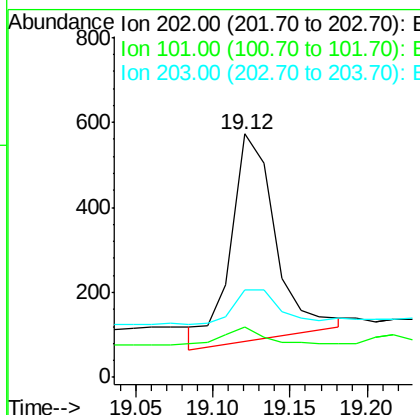
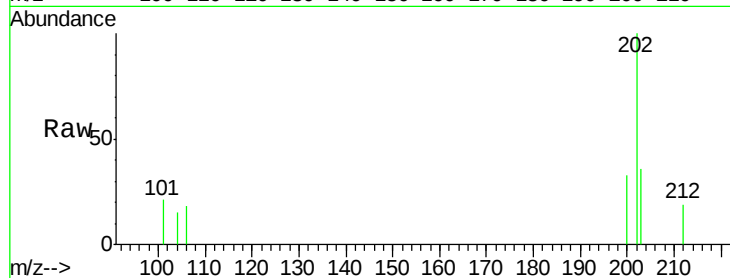
Instrument :

BNA_M

ClientSampleId :

DA7H7DL

Tgt Ion:	202	Resp:	985
Ion	Ratio	Lower	Upper
202	100		
101	20.6	0.0	30.3
203	35.8	0.0	39.5



#17

Pyrene

Concen: 0.18 ng/ul

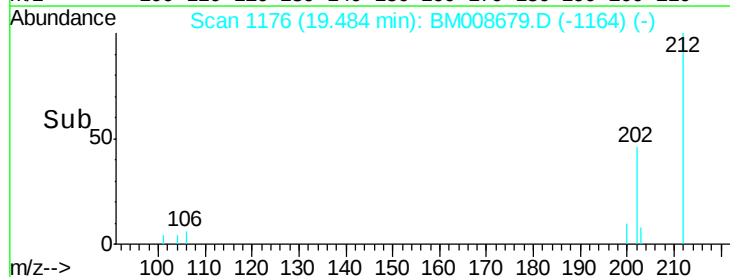
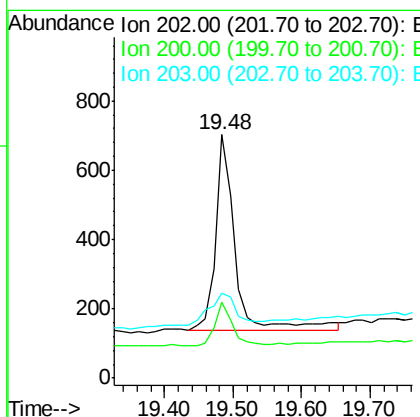
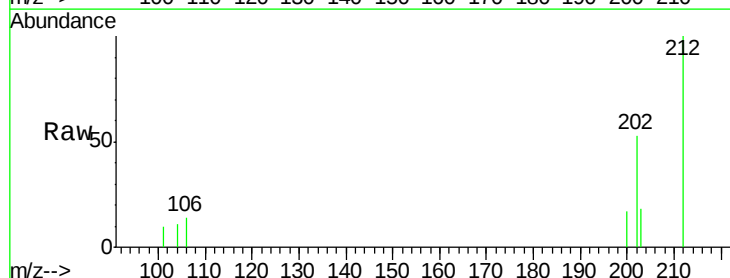
RT: 19.48 min Scan# 1176

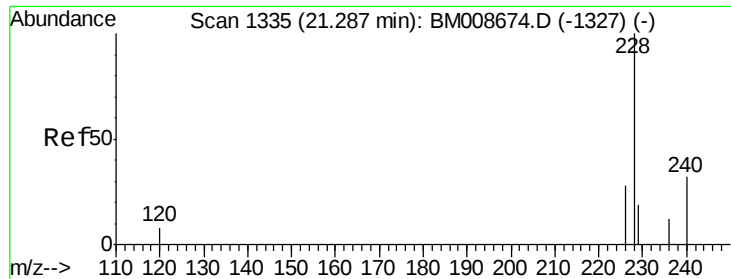
Delta R.T. -0.05 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Tgt Ion:	202	Resp:	1117
Ion	Ratio	Lower	Upper
202	100		
200	31.4	18.2	27.4#
203	35.0	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.19 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

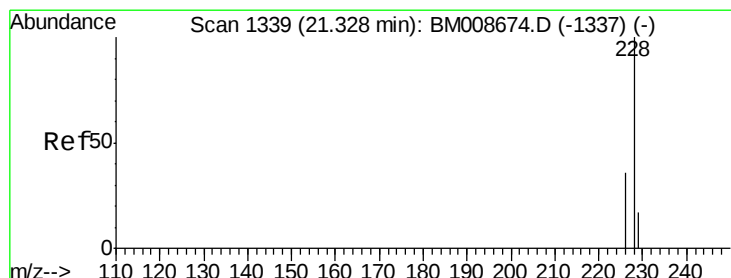
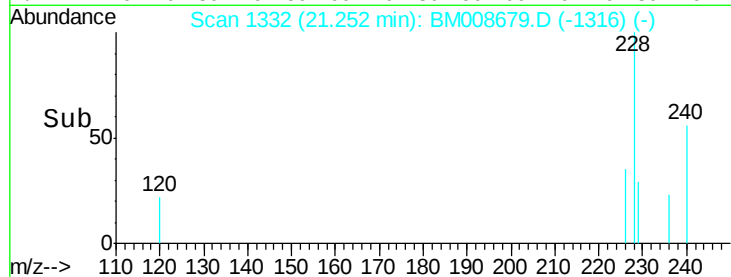
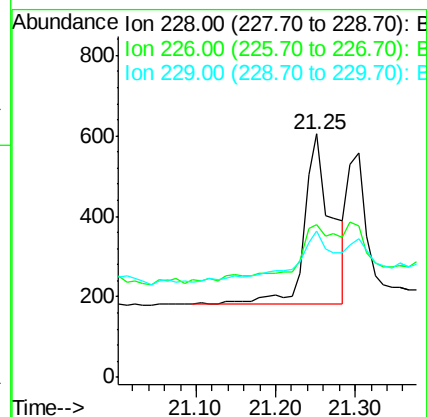
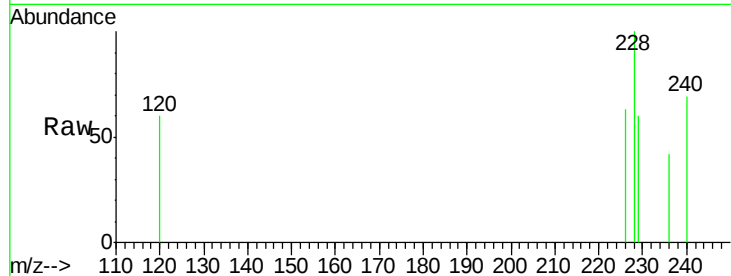
Tgt Ion:228 Resp: 1004

Ion Ratio Lower Upper

228 100

226 62.6 22.8 34.2#

229 60.0 17.0 25.6#



#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

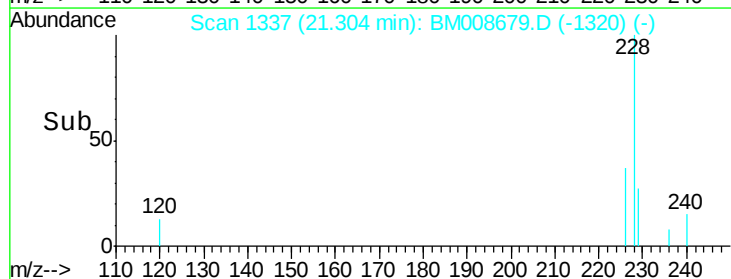
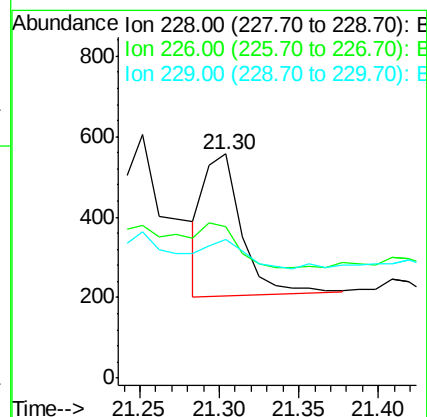
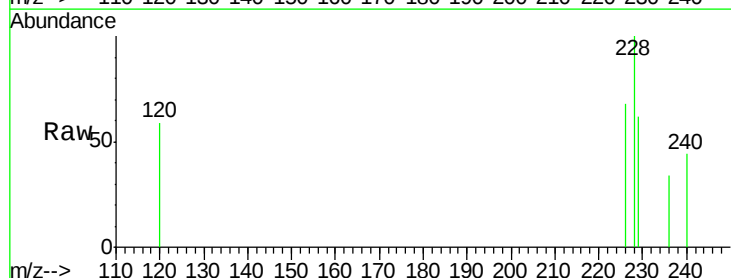
Tgt Ion:228 Resp: 575

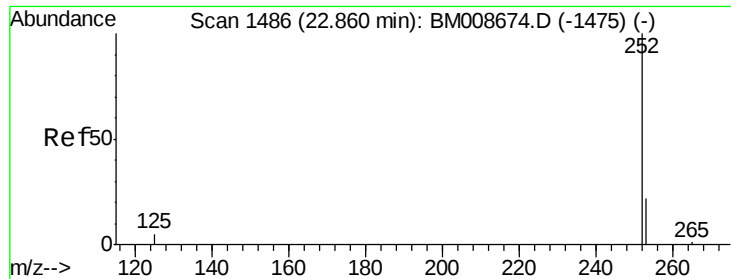
Ion Ratio Lower Upper

228 100

226 67.7 23.4 35.0#

229 61.9 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.35 ng/u1

RT: 22.83 min Scan# 1483

Delta R.T. -0.03 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

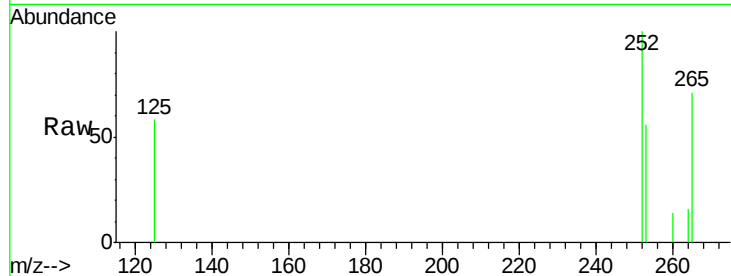
Tgt Ion:252 Resp: 2154

Ion Ratio Lower Upper

252 100

253 56.0 0.0 64.2

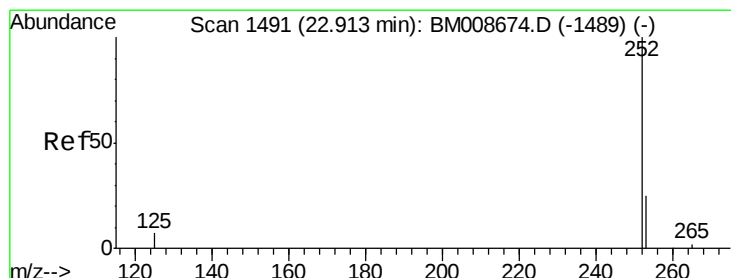
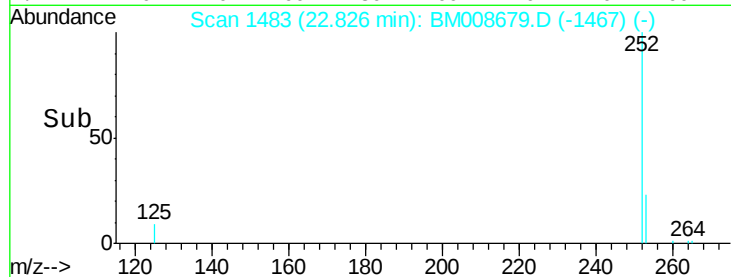
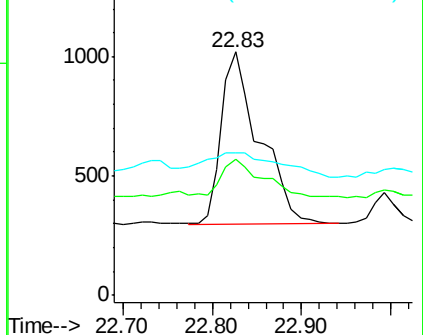
125 58.3 0.0 35.0#



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: 0.36 ng/u1

RT: 22.83 min Scan# 1483

Delta R.T. -0.09 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

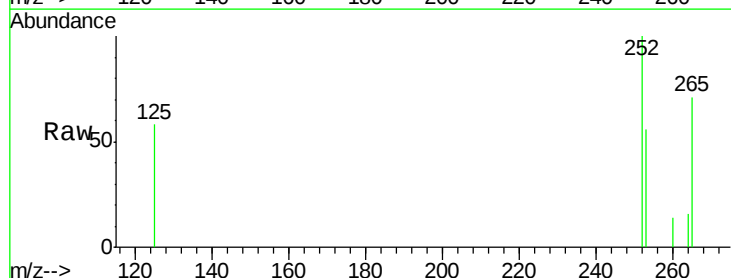
Tgt Ion:252 Resp: 2139

Ion Ratio Lower Upper

252 100

253 56.0 24.5 36.7#

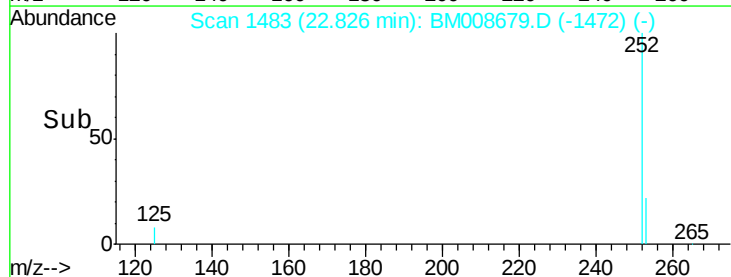
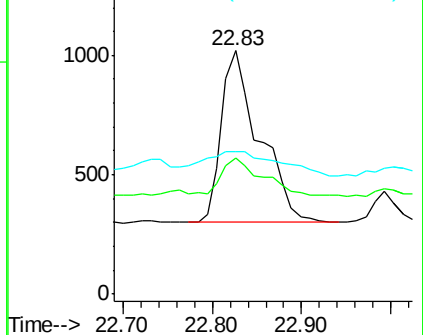
125 58.3 13.7 20.5#

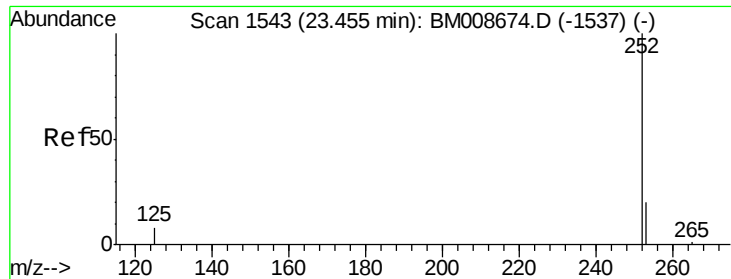


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.16 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.07 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

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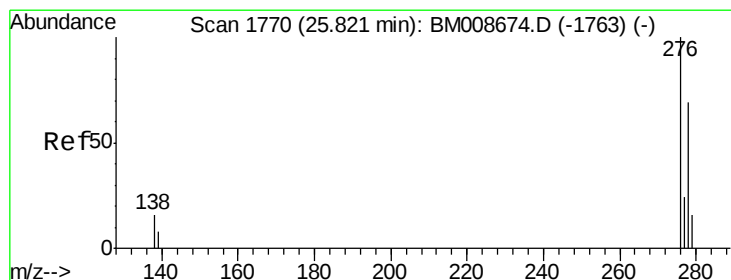
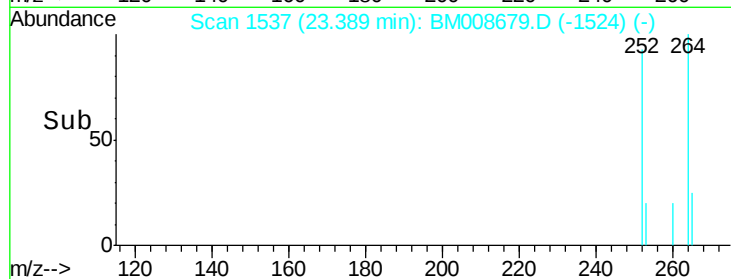
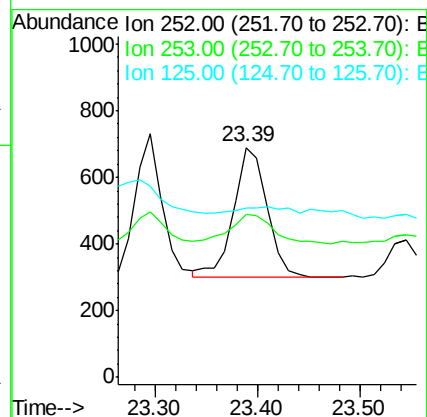
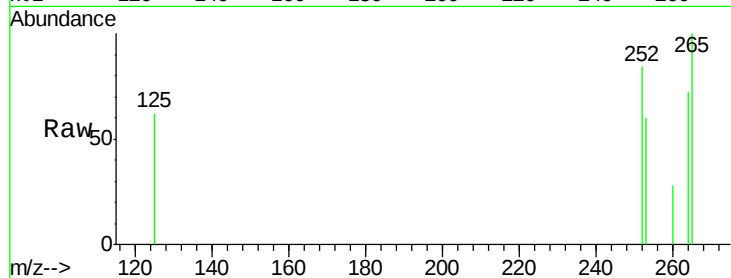
Tgt Ion: 252 Resp: 894

Ion Ratio Lower Upper

252 100

253 71.2 28.5 42.7#

125 73.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.07 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

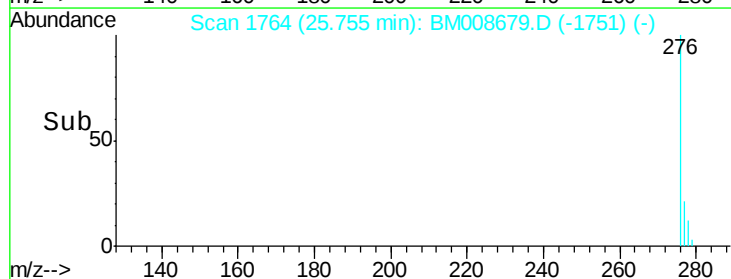
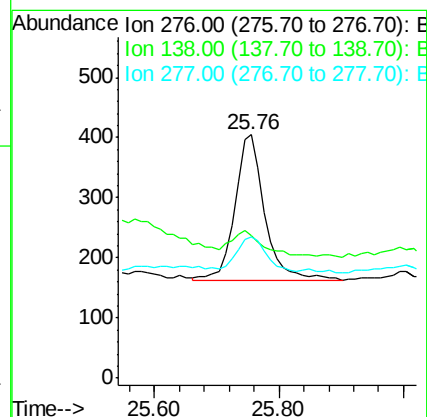
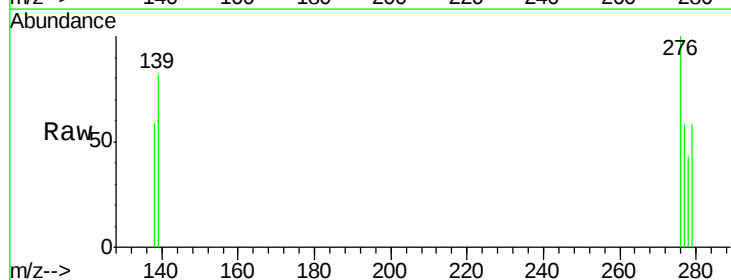
Tgt Ion: 276 Resp: 811

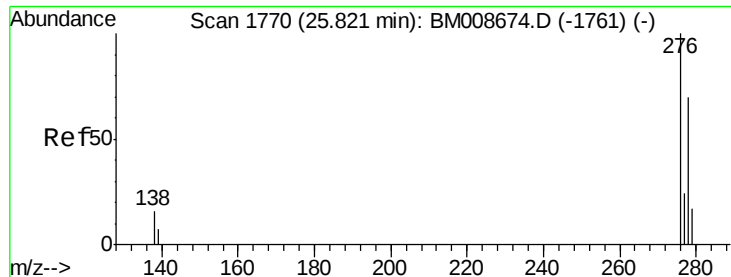
Ion Ratio Lower Upper

276 100

138 22.9 19.1 28.7

277 22.3 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 25.74 min Scan# 1763

Delta R.T. -0.08 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Instrument :

BNA_M

ClientSampleId :

DA7H7DL

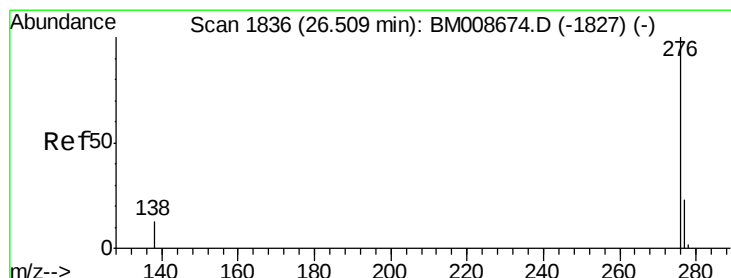
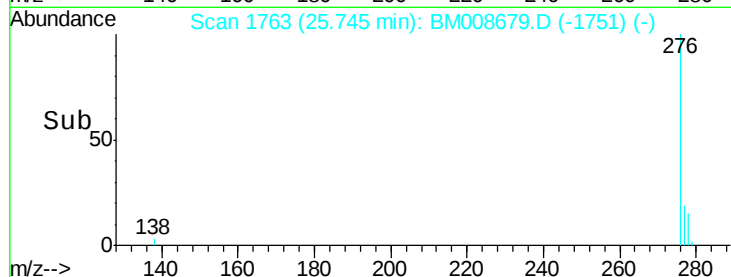
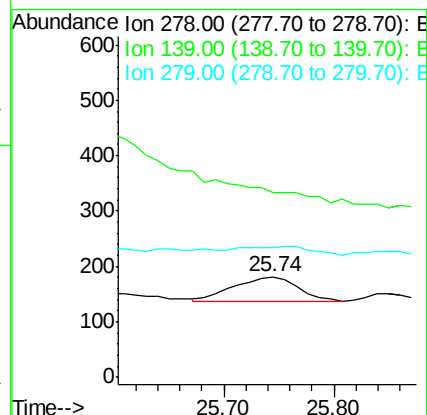
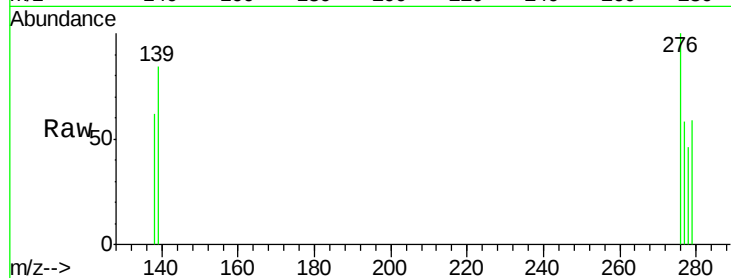
Tgt Ion: 278 Resp: 181

Ion Ratio Lower Upper

278 100

139 183.5 17.4 26.0#

279 128.6 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.13 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. -0.07 min

Lab File: BM008679.D

Acq: 27 Dec 2016 18:37

Tgt Ion: 276 Resp: 732

Ion Ratio Lower Upper

276 100

277 61.1 21.8 32.8#

138 62.8 20.5 30.7#

