

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007983.D
 Acq On : 22 Nov 2016 05:59
 Operator : UM/SJ
 Sample : H5694-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS1

Quant Time: Nov 22 07:12:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 05:49:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	565	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1872	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1203	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	114248	0.40	ng/ul	0.07
16) Chrysene-d12	21.30	240	2760	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	109113	0.40	ng/ul	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	601	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	1489	0.00	ng/ul	-0.01

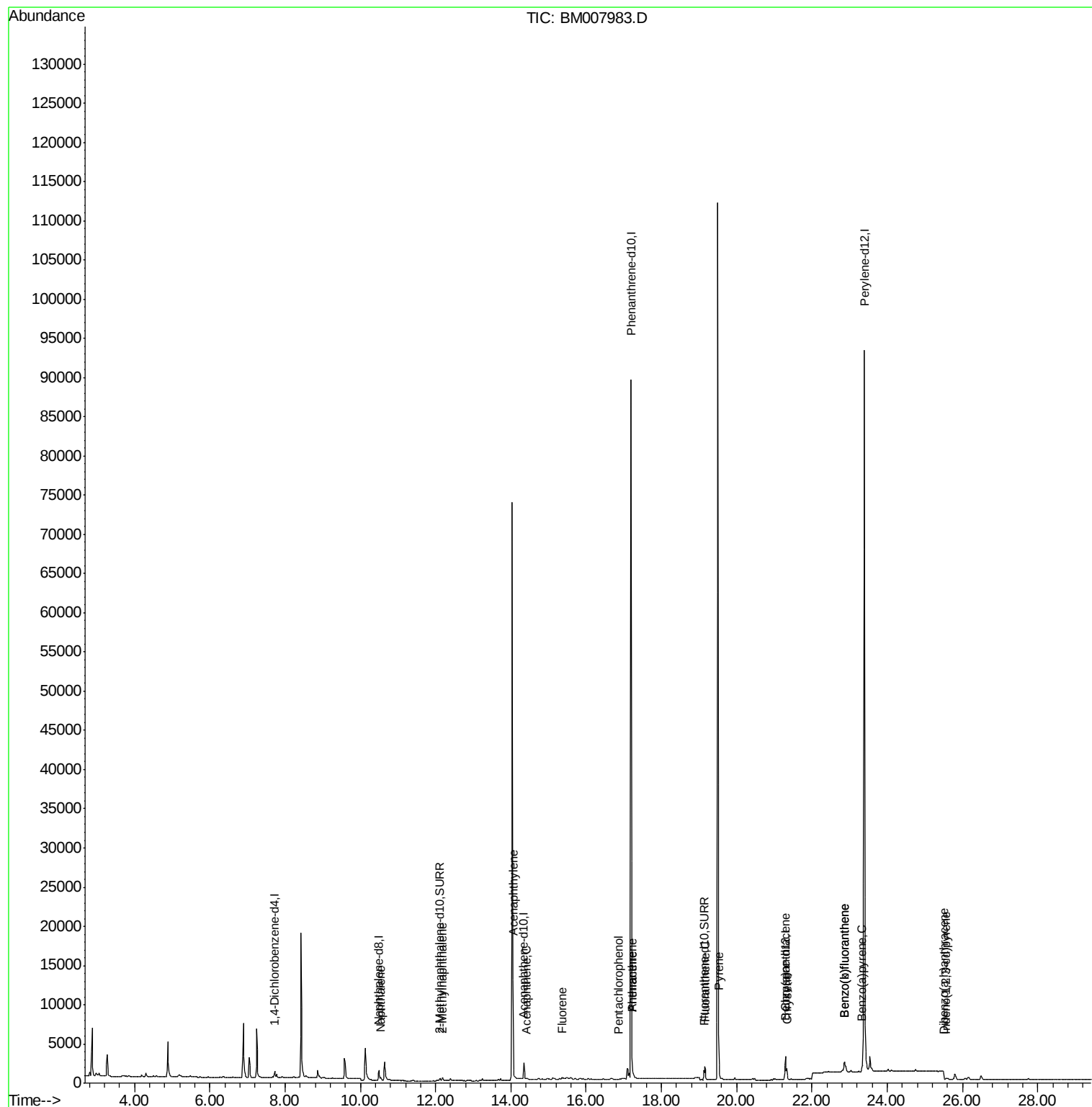
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	601	0.11	ng/ul#	78
5) 2-Methylnaphthalene	12.18	142	387	0.11	ng/ul	97
7) Acenaphthylene	14.06	152	136	0.02	ng/ul#	12
8) Acenaphthene	14.42	153	23	0.01	ng/ul#	72
9) Fluorene	15.36	166	260	0.05	ng/ul#	38
11) Pentachlorophenol	16.87	266	4	0.00	ng/ul#	20
12) Phenanthrene	17.23	178	258	0.00	ng/ul#	41
13) Anthracene	17.23	178	241	0.00	ng/ul#	42
15) Fluoranthene	19.16	202	1896	0.00	ng/ul	95
17) Pyrene	19.52	202	2471	0.26	ng/ul	95
18) Benzo(a)anthracene	21.29	228	1196	0.14	ng/ul#	87
19) Chrysene	21.34	228	1569	0.15	ng/ul#	92
21) Benzo(b)fluoranthene	22.87	252	1820	0.00	ng/ul#	70
22) Benzo(k)fluoranthene	22.87	252	2674	0.01	ng/ul#	68
23) Benzo(a)pyrene	23.34	252	1145	0.00	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.56	276	1100	0.00	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.51	278	1108	0.00	ng/ul#	1

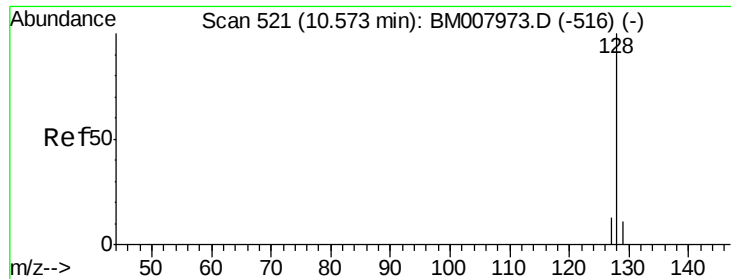
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

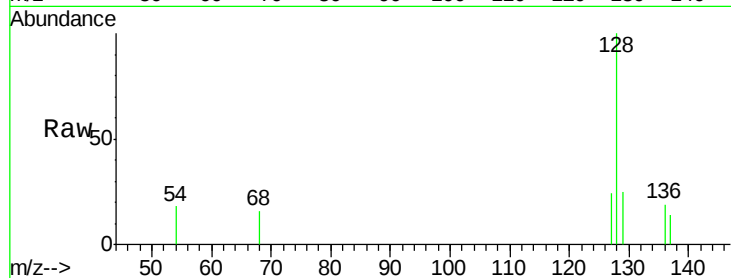
Tgt Ion:128 Resp: 601

Ion Ratio Lower Upper

128 100

129 24.5 11.3 16.9#

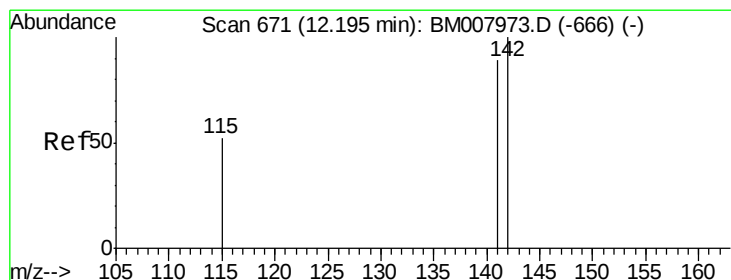
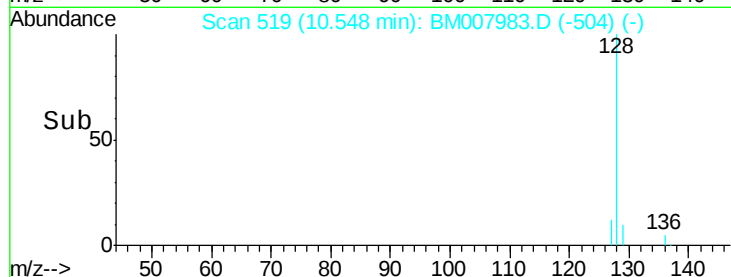
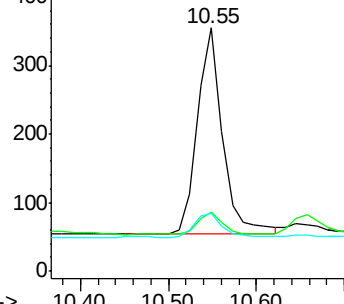
127 23.9 12.8 19.2#



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: 0.11 ng/ul

RT: 12.18 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM007983.D

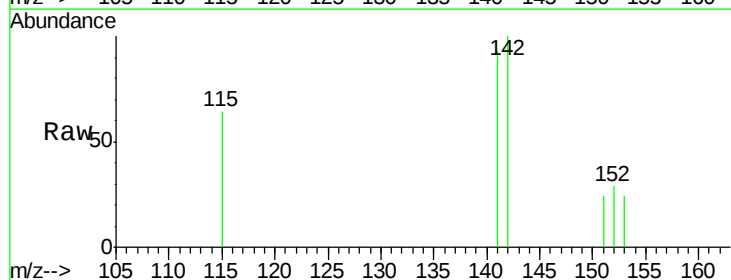
Acq: 22 Nov 2016 05:59

Tgt Ion:142 Resp: 387

Ion Ratio Lower Upper

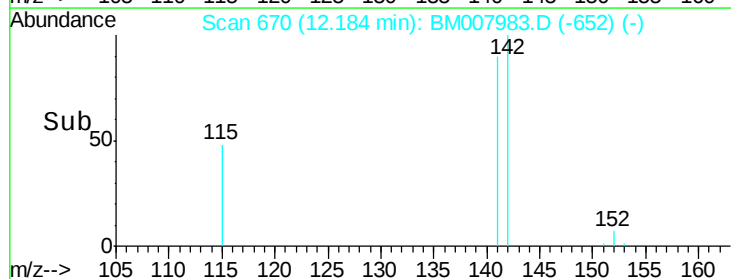
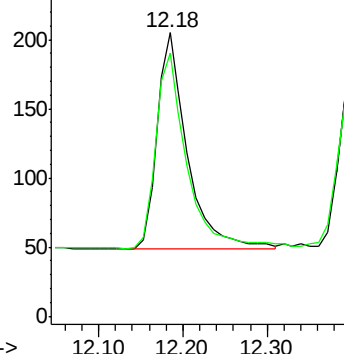
142 100

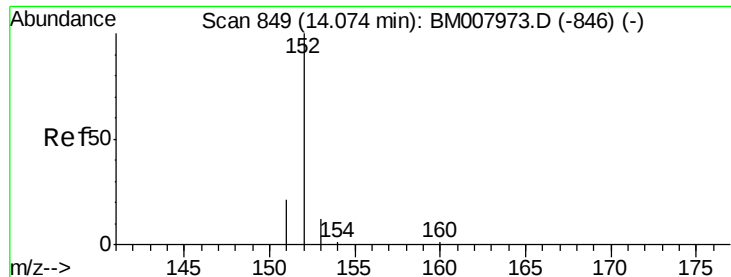
141 93.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

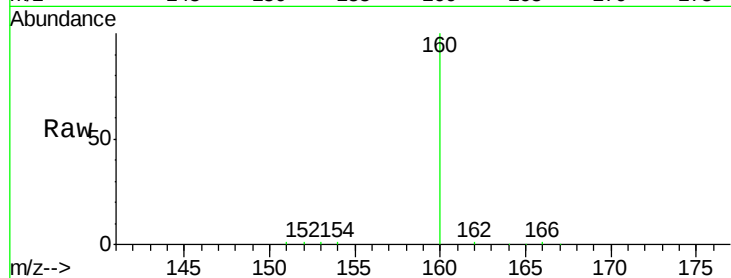
Tgt Ion:152 Resp: 136

Ion Ratio Lower Upper

152 100

151 58.9 17.1 25.7#

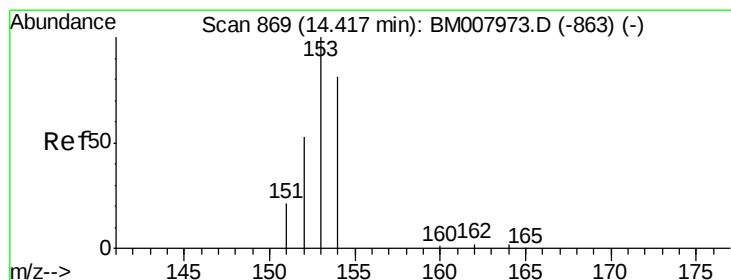
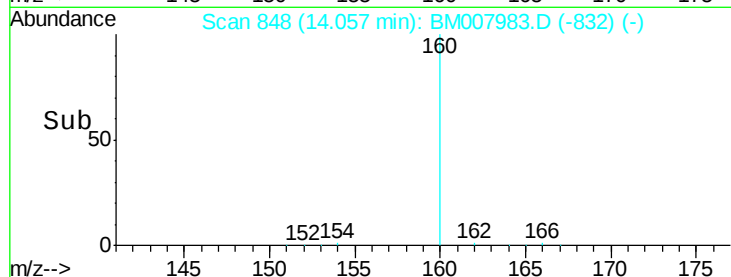
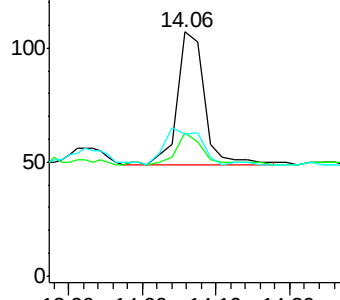
153 57.9 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

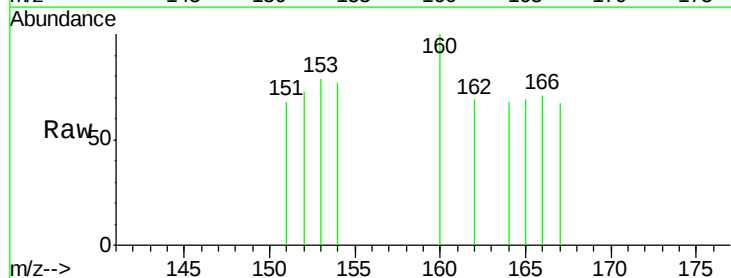
Tgt Ion:153 Resp: 23

Ion Ratio Lower Upper

153 100

152 93.2 40.3 60.5#

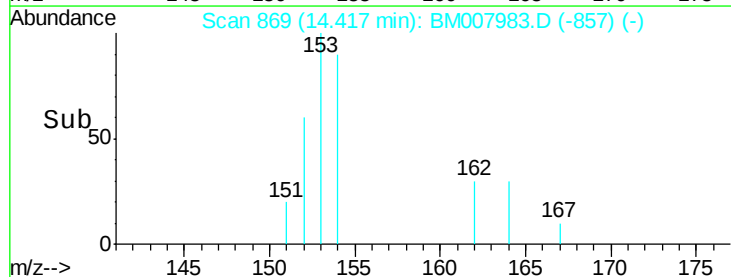
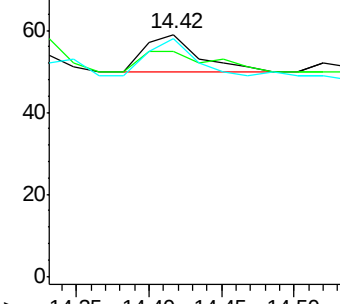
154 98.3 71.4 107.2

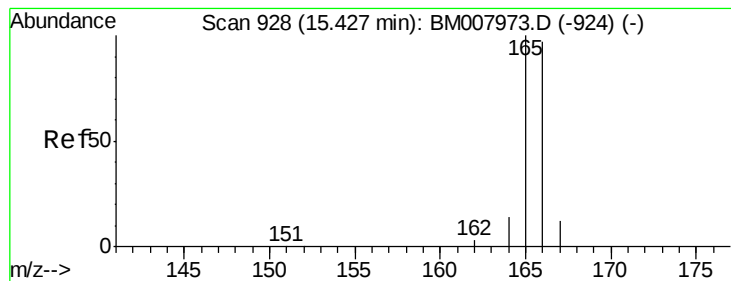


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.07 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

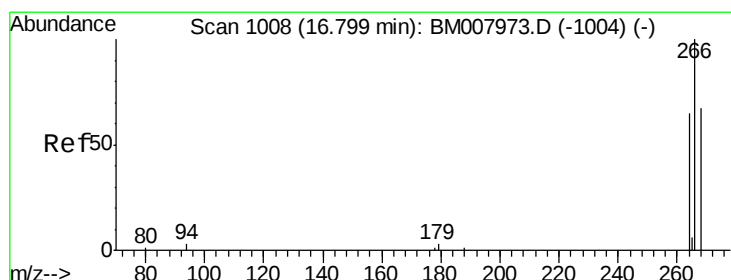
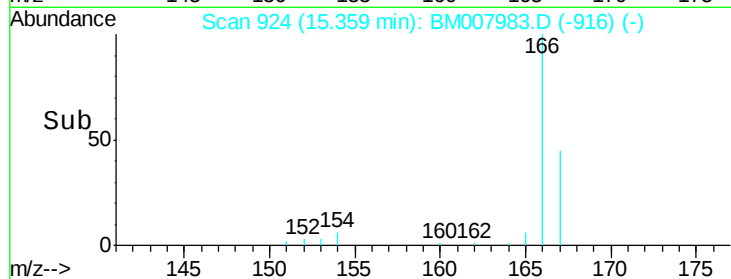
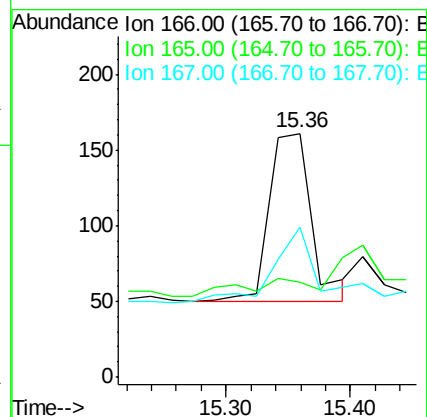
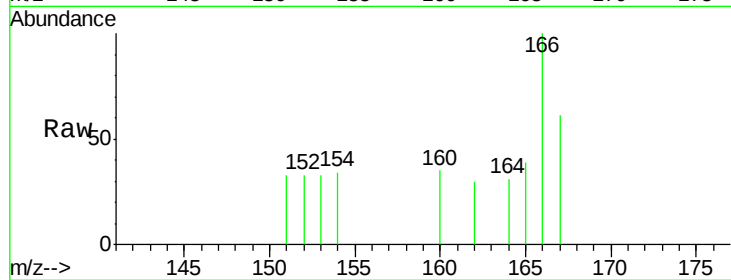
Tgt Ion:166 Resp: 260

Ion Ratio Lower Upper

166 100

165 39.1 73.4 110.2#

167 61.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.07 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

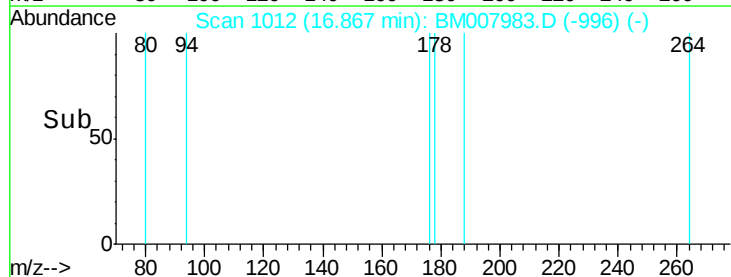
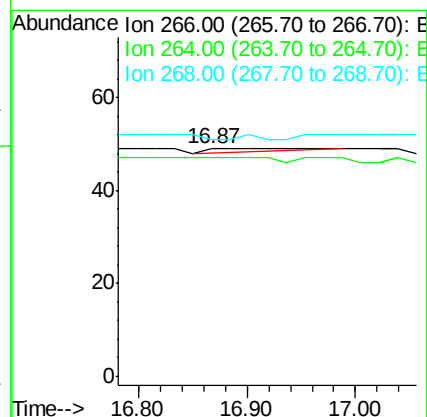
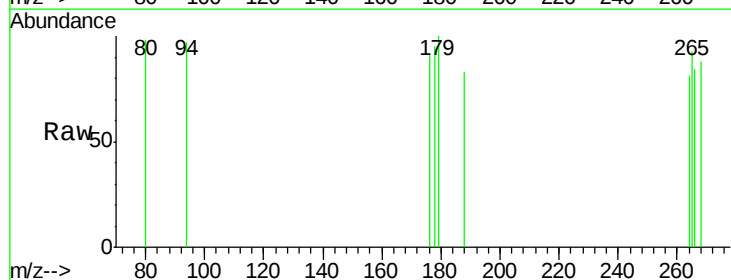
Tgt Ion:266 Resp: 4

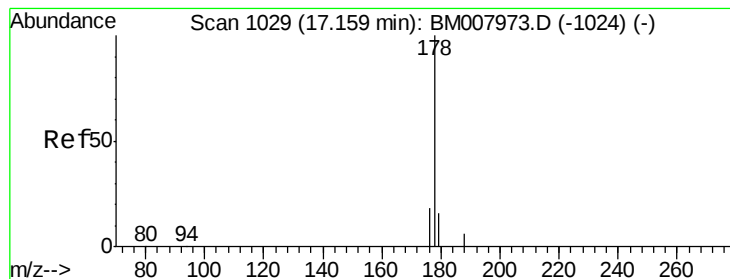
Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. 0.07 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

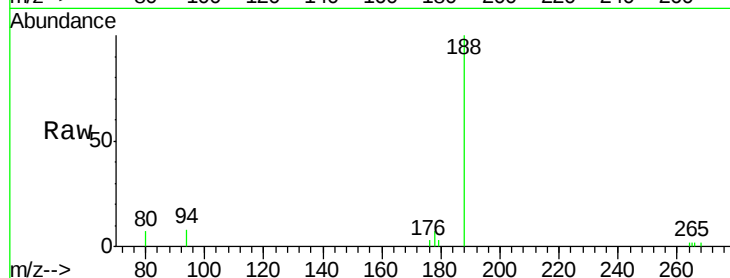
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 45.1 18.4 27.6#

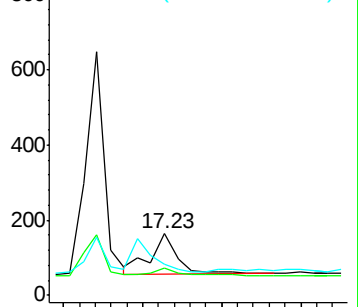
179 50.0 13.6 20.4#



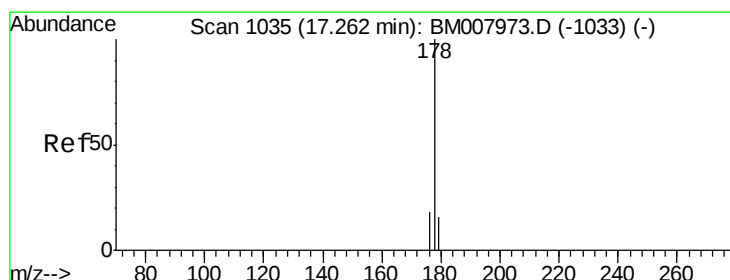
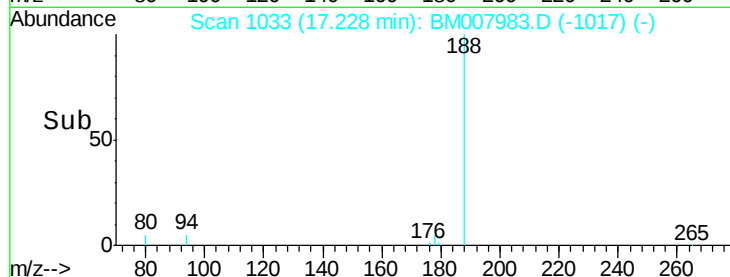
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

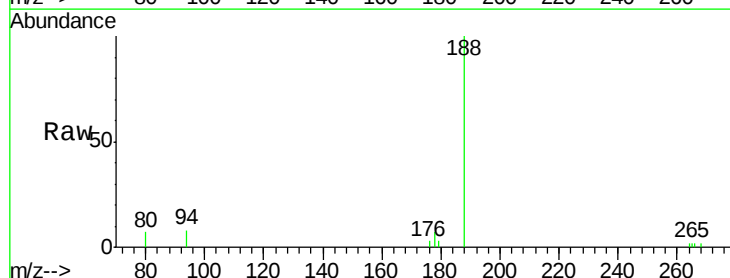
Tgt Ion:178 Resp: 241

Ion Ratio Lower Upper

178 100

176 45.1 18.1 27.1#

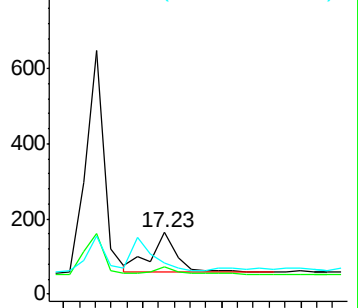
179 50.0 14.7 22.1#



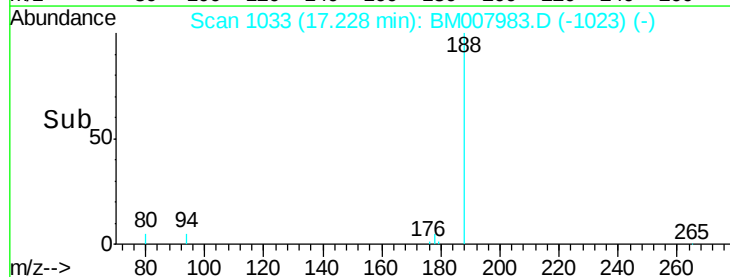
Abundance Ion 178.00 (177.70 to 178.70): E

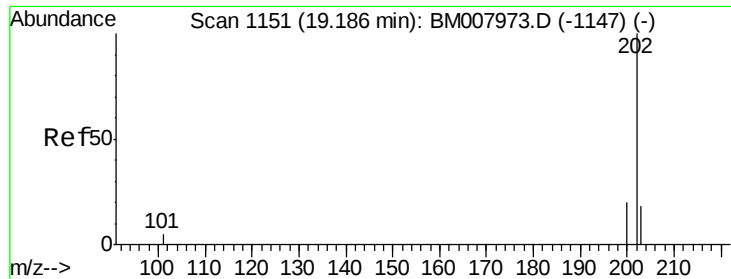
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

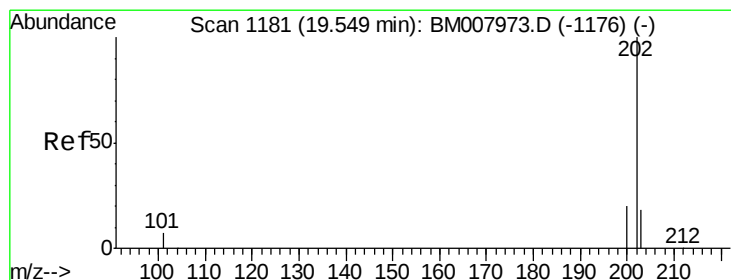
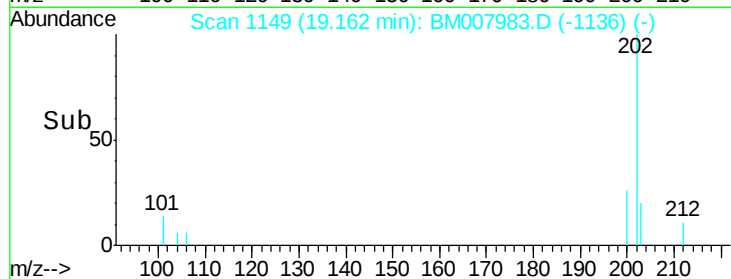
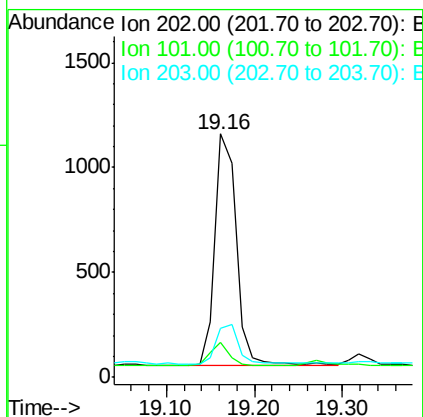
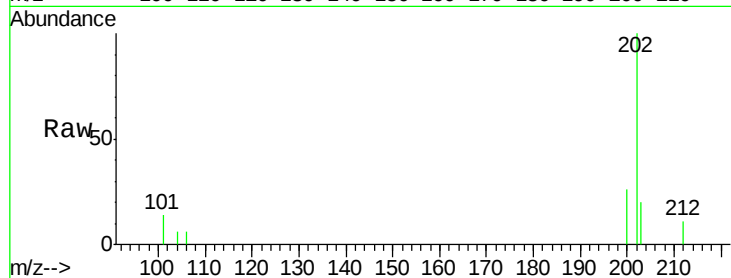




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

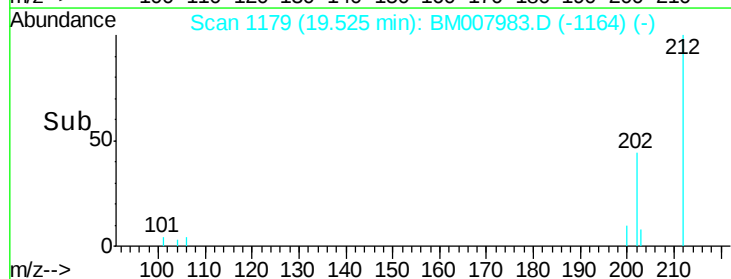
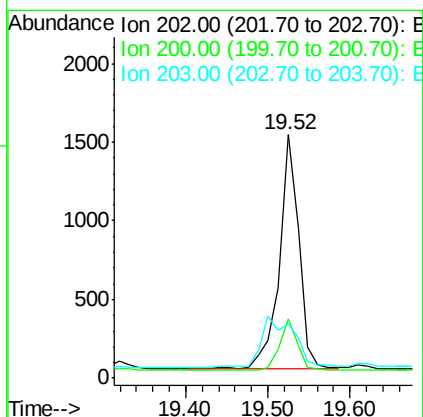
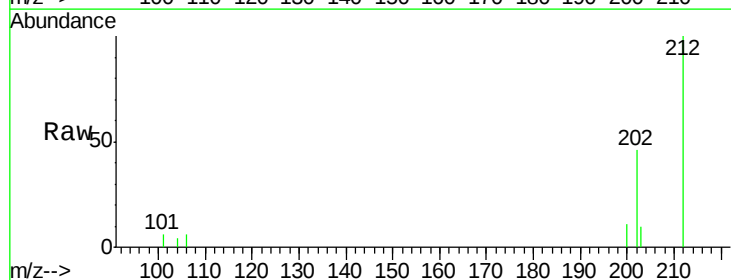
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JHSS1

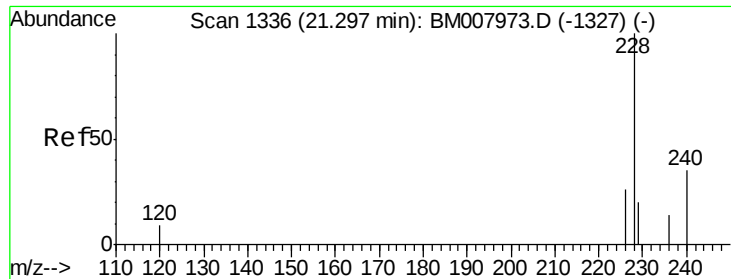
Tgt Ion:202 Resp: 1896
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.3
203 20.2 0.0 39.5



#17
Pyrene
Concen: 0.26 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

Tgt Ion:202 Resp: 2471
Ion Ratio Lower Upper
202 100
200 24.4 18.2 27.4
203 22.4 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

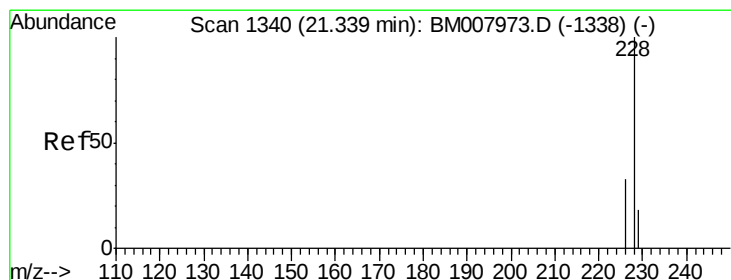
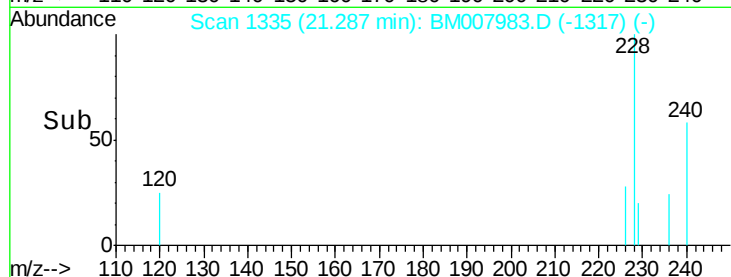
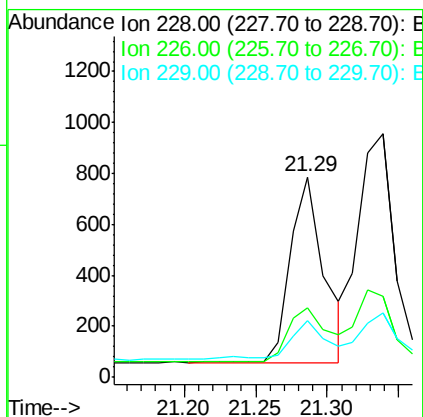
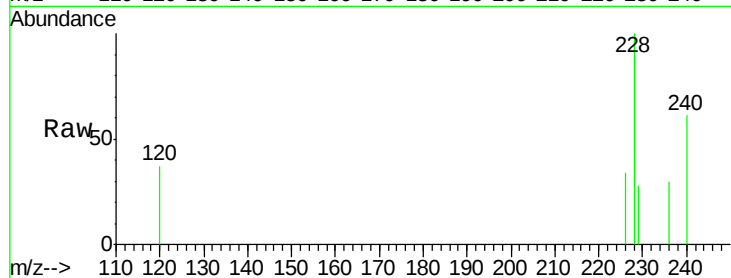
Tgt Ion:228 Resp: 1196

Ion Ratio Lower Upper

228 100

226 34.4 22.8 34.2#

229 28.5 17.0 25.6#



#19

Chrysene

Concen: 0.15 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

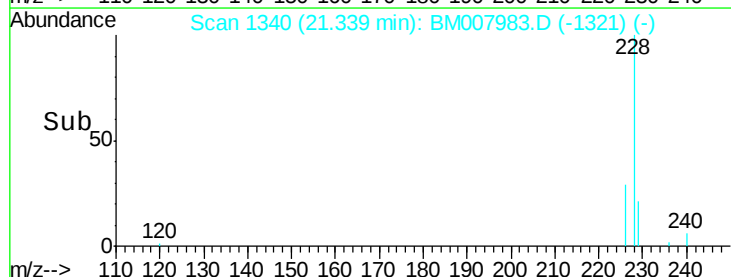
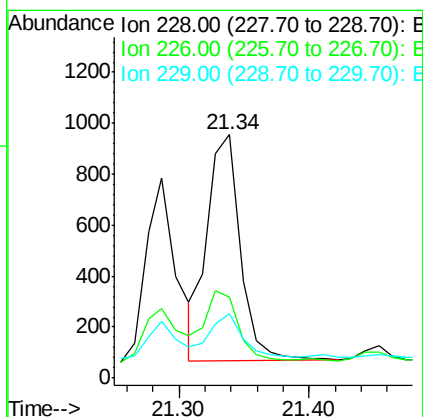
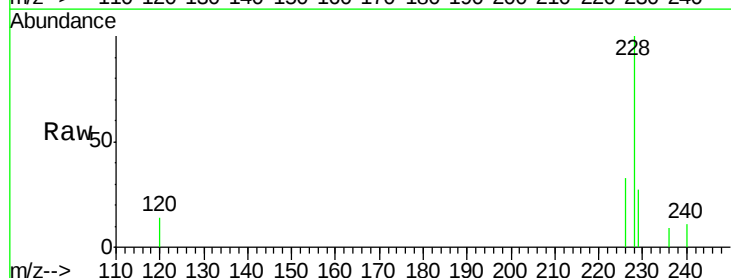
Tgt Ion:228 Resp: 1569

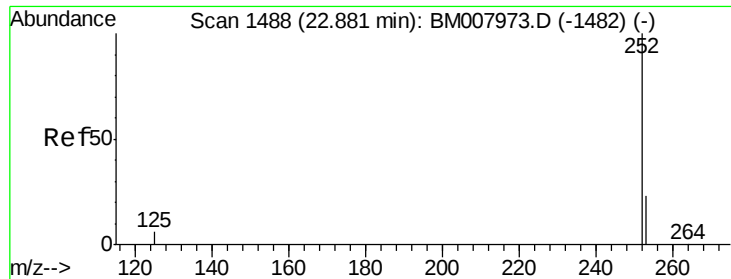
Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.0

229 26.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.87 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

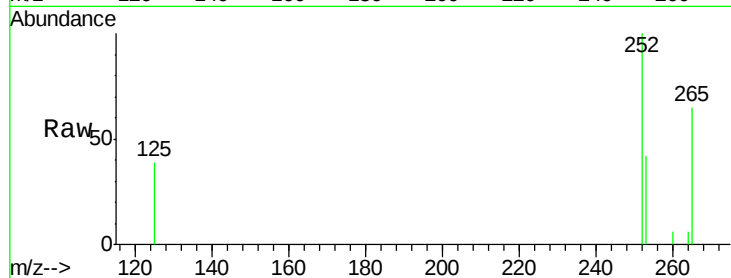
Tgt Ion:252 Resp: 1820

Ion Ratio Lower Upper

252 100

253 42.5 0.0 64.2

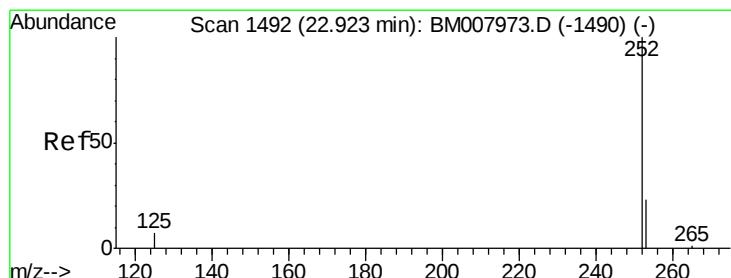
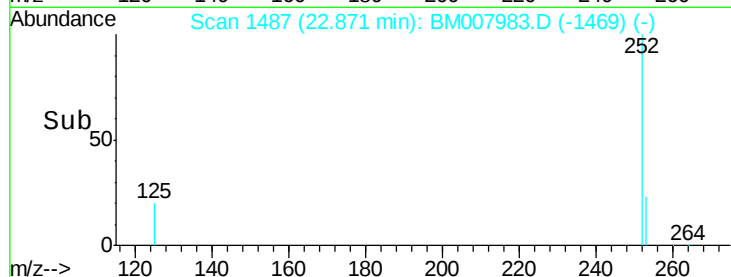
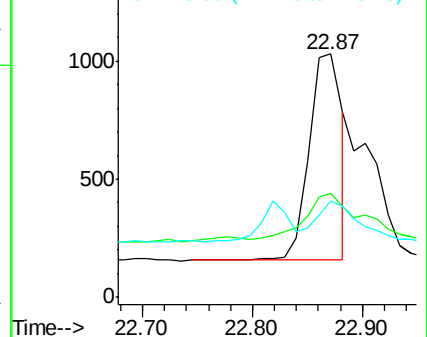
125 39.4 0.0 35.0#



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: 0.01 ng/u1

RT: 22.87 min Scan# 1487

Delta R.T. -0.05 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

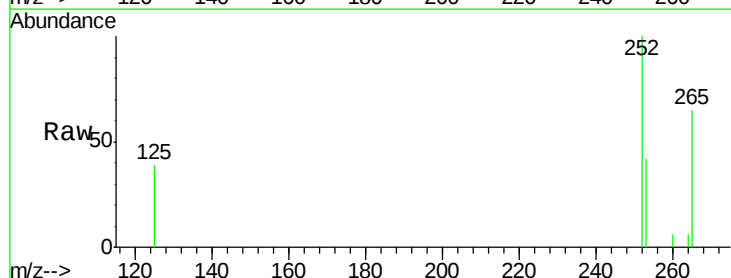
Tgt Ion:252 Resp: 2674

Ion Ratio Lower Upper

252 100

253 42.5 24.5 36.7#

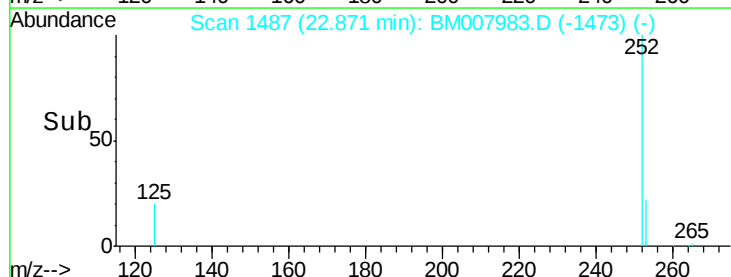
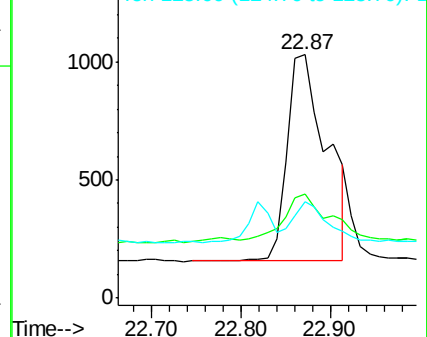
125 39.4 13.7 20.5#

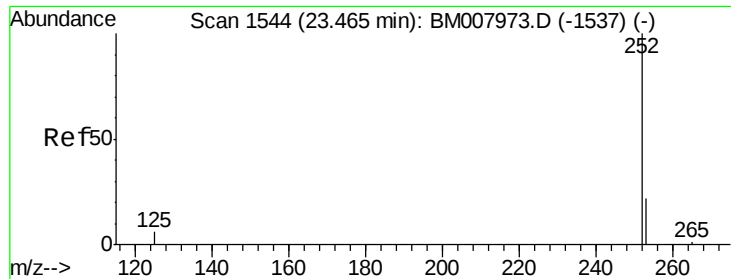


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. -0.13 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

Instrument :

BNA_M

ClientSampleId :

JHSS1

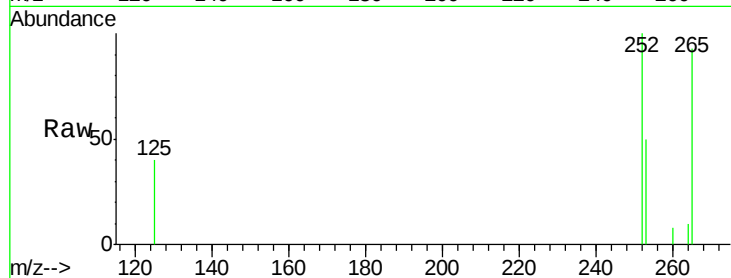
Tgt Ion: 252 Resp: 1145

Ion Ratio Lower Upper

252 100

253 50.5 28.5 42.7#

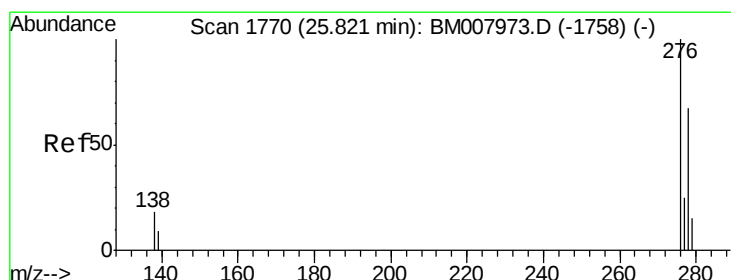
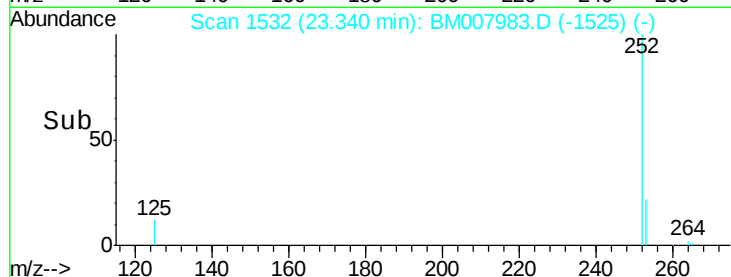
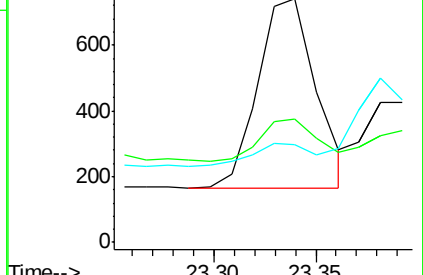
125 40.2 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.56 min Scan# 1745

Delta R.T. -0.26 min

Lab File: BM007983.D

Acq: 22 Nov 2016 05:59

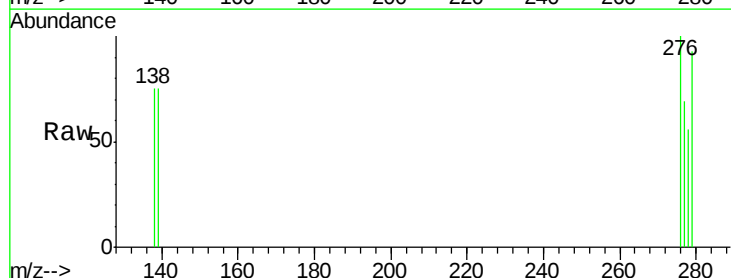
Tgt Ion: 276 Resp: 1100

Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

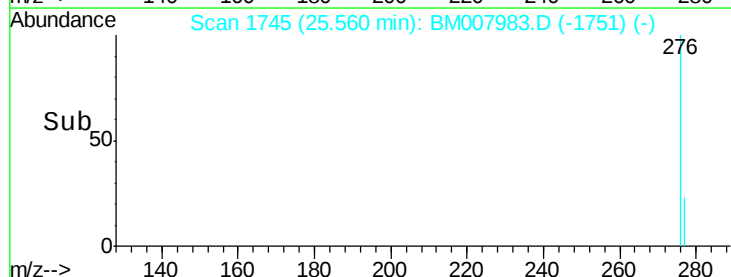
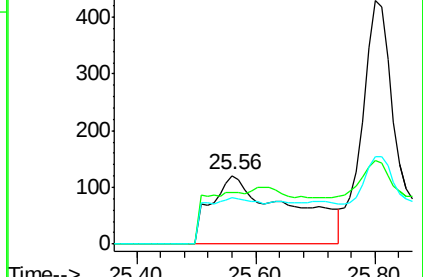
277 101.2 19.6 29.4#

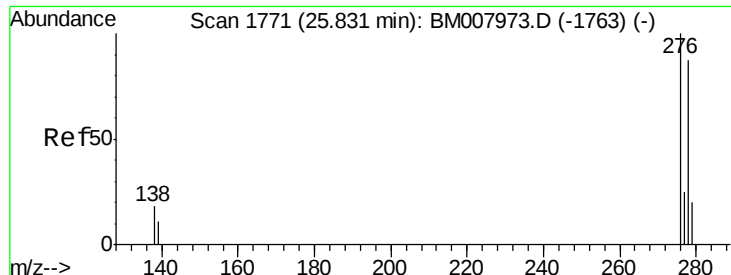


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

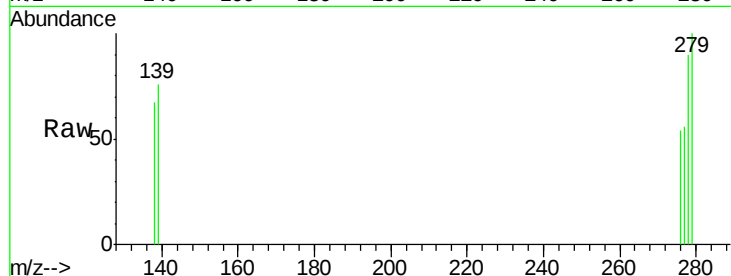
Ion 277.00 (276.70 to 277.70): E





#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.51 min Scan# 1740
Delta R.T. -0.32 min
Lab File: BM007983.D
Acq: 22 Nov 2016 05:59

Instrument :
BNA_M
ClientSampleId :
JHSS1



Tgt Ion: 278 Resp: 1108
Ion Ratio Lower Upper
278 100
139 84.5 17.4 26.0#
279 111.2 25.9 38.9#

