

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008495.D
 Acq On : 21 Dec 2016 00:41
 Operator : UM/SJ
 Sample : H6039-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S5

Quant Time: Dec 21 10:25:54 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 21 02:43:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	518	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.26	136	4857	0.40	ng/ul	-0.22
6) Acenaphthene-d10	14.06	164	2179	0.40	ng/ul	-0.26
10) Phenanthrene-d10	16.76	188	451	0.40	ng/ul	-0.31
16) Chrysene-d12	20.90	240	16	0.40	ng/ul	-0.37
20) Perylene-d12	23.07	264	6	0.40	ng/ul	-0.43

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.84	152	74	0.01	ng/ul	-0.24
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

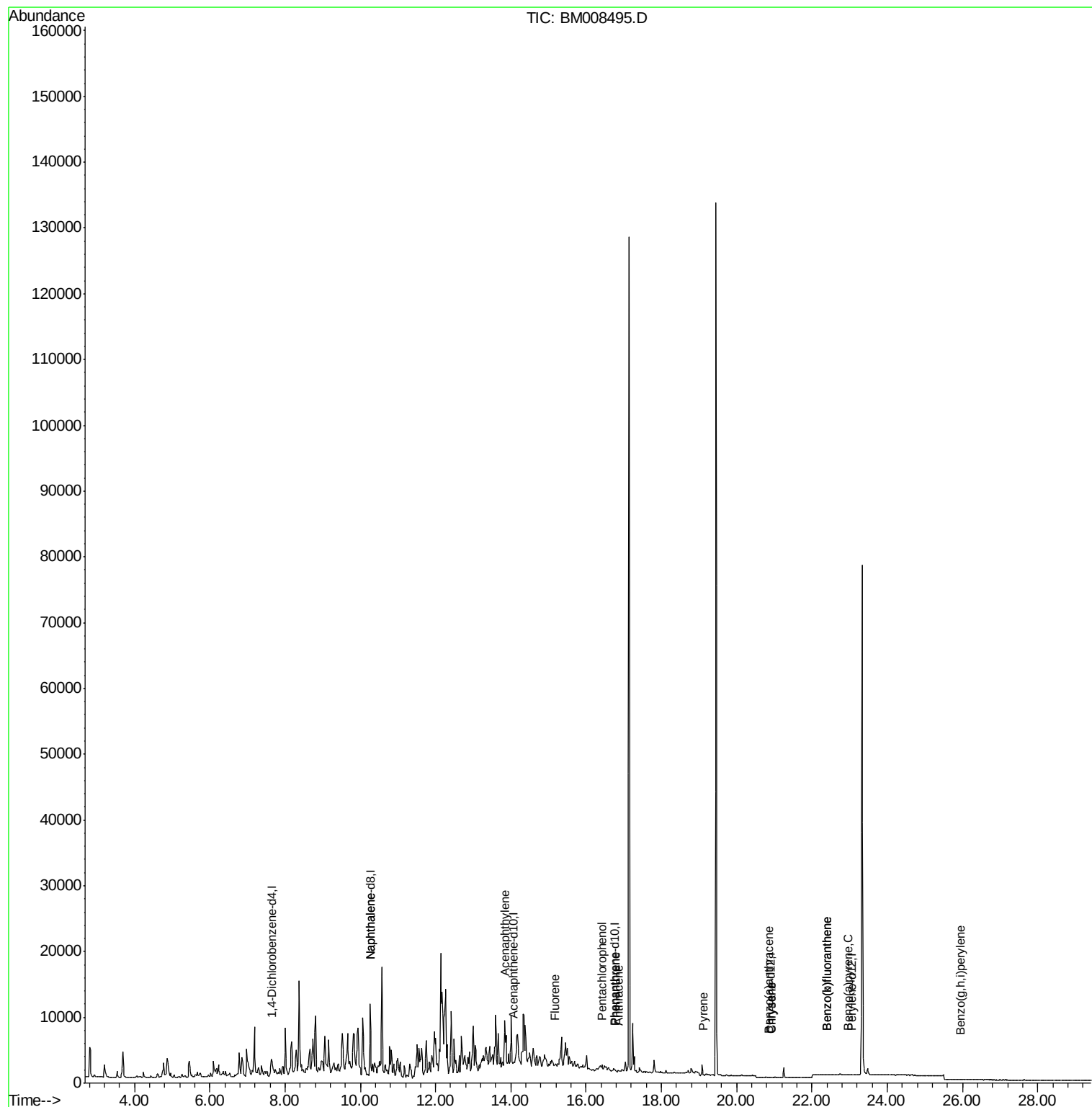
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.26	128	3914	0.29	ng/ul#	1
7) Acenaphthylene	13.84	152	884	0.09	ng/ul#	1
9) Fluorene	15.17	166	204	0.02	ng/ul#	1
11) Pentachlorophenol	16.42	266	4	0.03	ng/ul#	20
12) Phenanthrene	16.78	178	149	0.11	ng/ul#	1
13) Anthracene	16.87	178	114	0.09	ng/ul#	1
17) Pyrene	19.11	202	3236	52.32	ng/ul#	1
18) Benzo(a)anthracene	20.85	228	31	0.59	ng/ul#	1
19) Chrysene	20.92	228	19	0.33	ng/ul#	1
21) Benzo(b)fluoranthene	22.39	252	12	0.51	ng/ul#	1
22) Benzo(k)fluoranthene	22.39	252	14	0.61	ng/ul#	1
23) Benzo(a)pyrene	22.96	252	26	1.19	ng/ul#	1
26) Benzo(g,h,i)perylene	25.95	276	4	0.18	ng/ul#	1

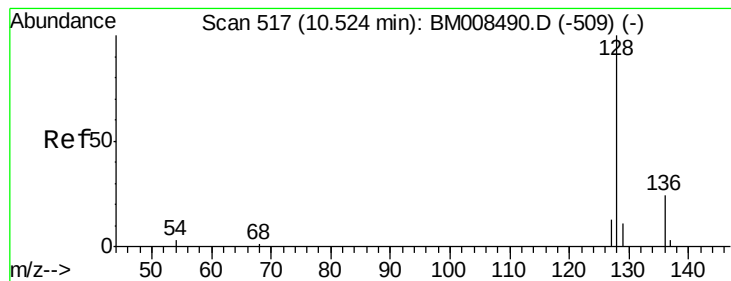
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.29 ng/ul

RT: 10.26 min Scan# 495

Delta R.T. -0.27 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

Instrument :

BNA_M

ClientSampleId :

DA8S5

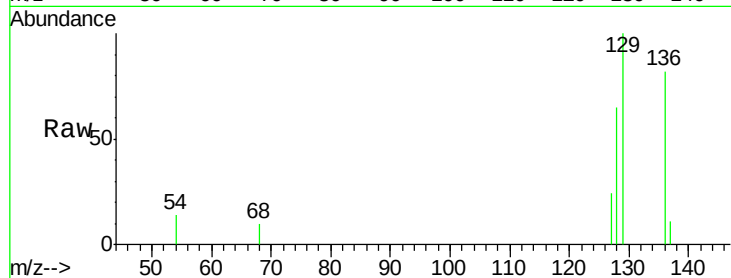
Tgt Ion:128 Resp: 3914

Ion Ratio Lower Upper

128 100

129 155.0 11.3 16.9#

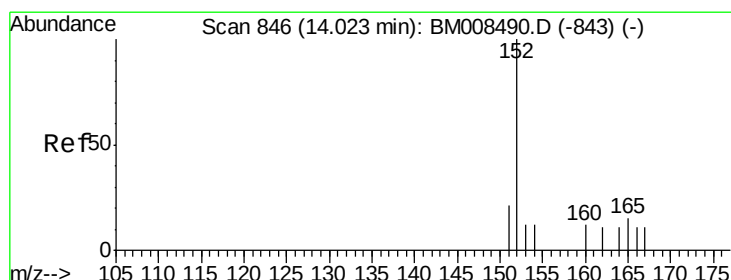
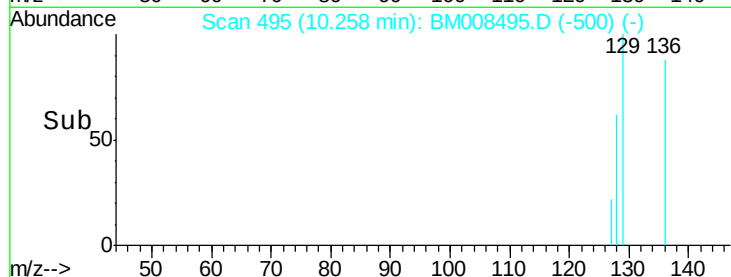
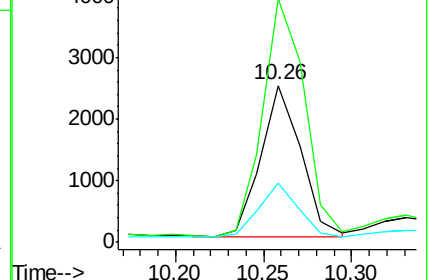
127 37.6 12.8 19.2#



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



#7

Acenaphthylene

Concen: 0.09 ng/ul

RT: 13.84 min Scan# 829

Delta R.T. -0.18 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

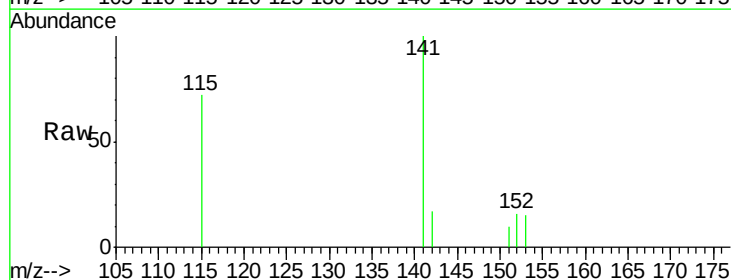
Tgt Ion:152 Resp: 884

Ion Ratio Lower Upper

152 100

151 59.7 17.1 25.7#

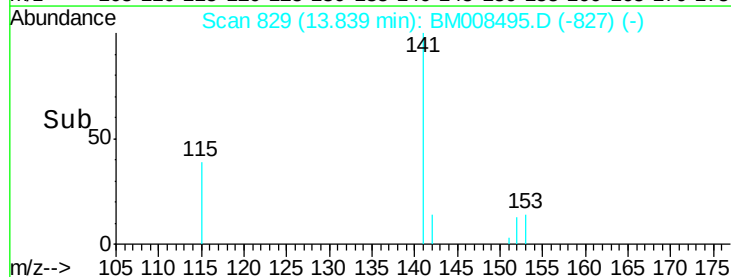
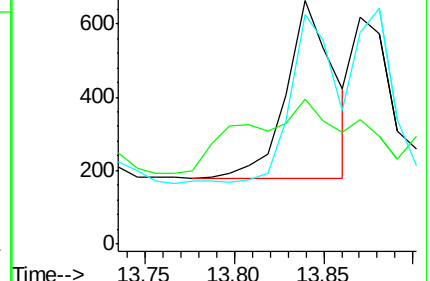
153 94.4 12.8 19.2#

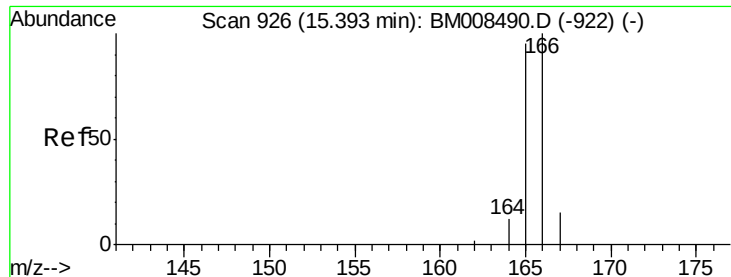


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.17 min Scan# 913

Delta R.T. -0.22 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

Instrument :

BNA_M

ClientSampleId :

DA8S5

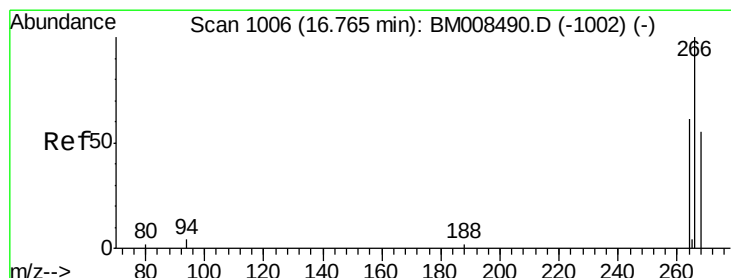
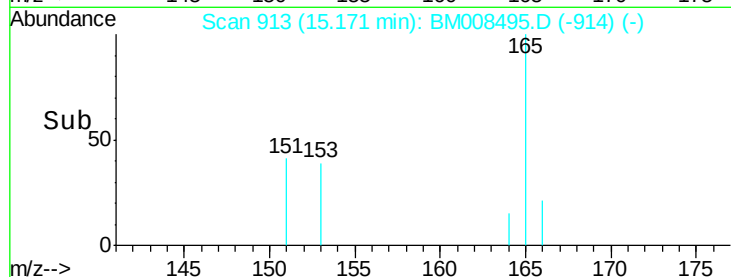
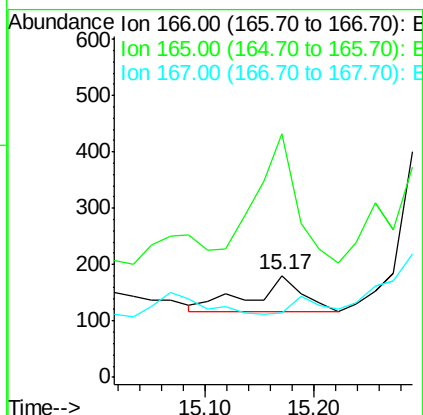
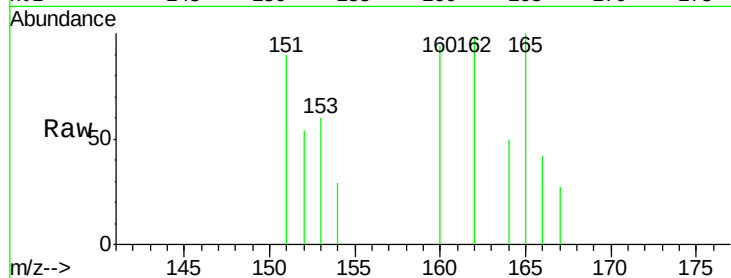
Tgt Ion:166 Resp: 204

Ion Ratio Lower Upper

166 100

165 238.7 73.4 110.2#

167 63.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.42 min Scan# 986

Delta R.T. -0.34 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

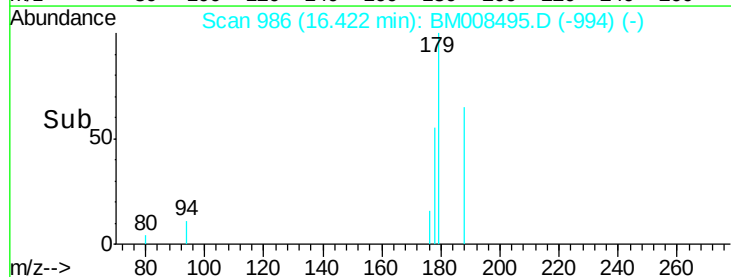
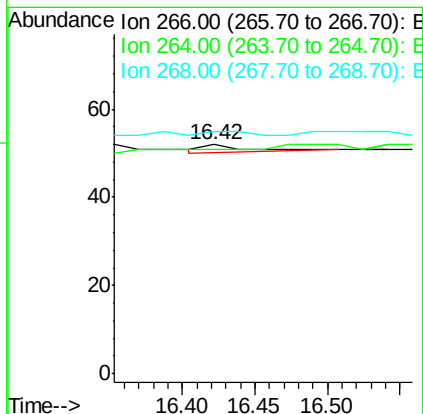
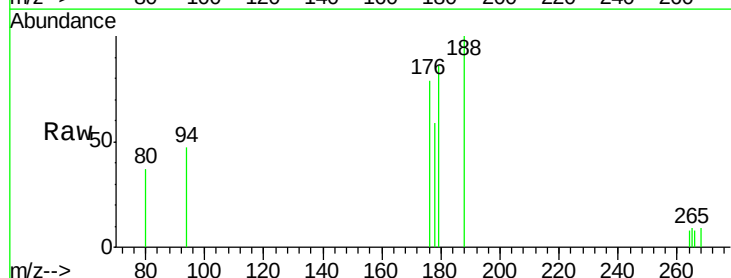
Tgt Ion:266 Resp: 4

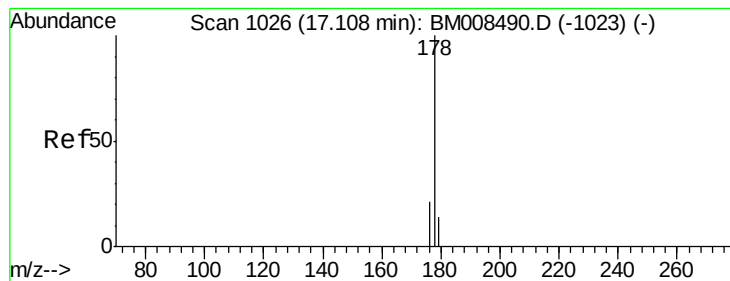
Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.11 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. -0.33 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

Instrument :

BNA_M

ClientSampleId :

DA8S5

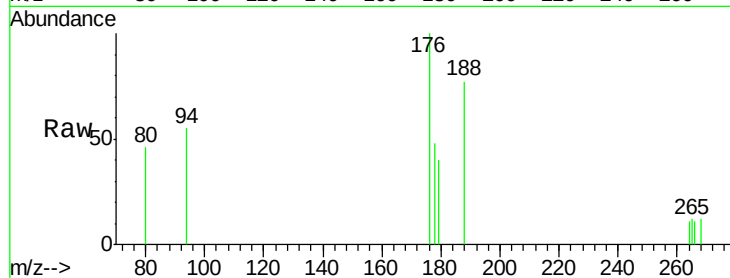
Tgt Ion:178 Resp: 149

Ion Ratio Lower Upper

178 100

176 209.2 18.4 27.6#

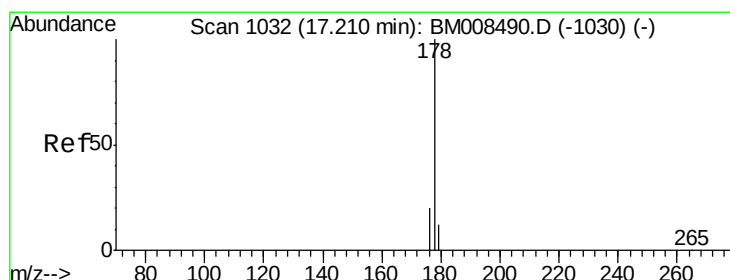
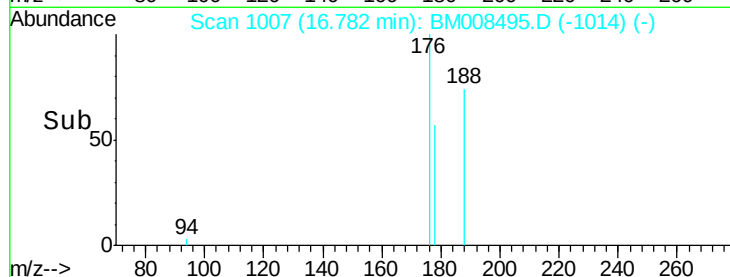
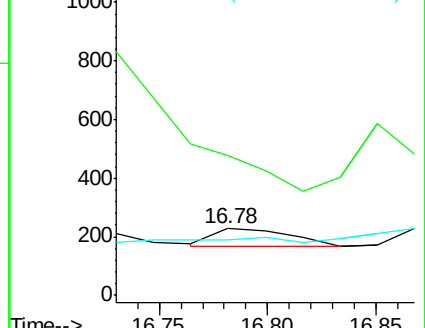
179 82.9 13.6 20.4#



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: 0.09 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.34 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

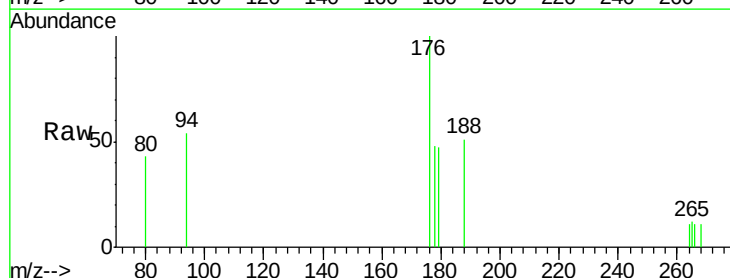
Tgt Ion:178 Resp: 114

Ion Ratio Lower Upper

178 100

176 210.0 18.1 27.1#

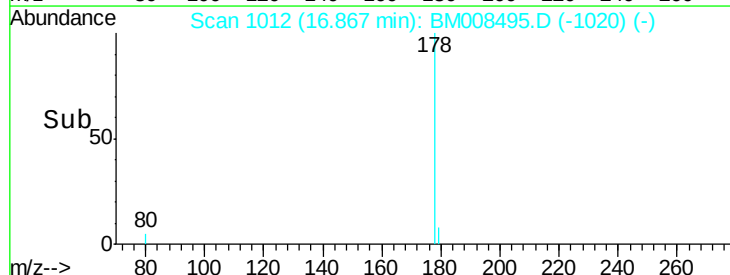
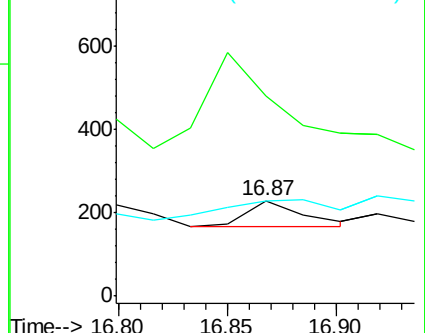
179 99.6 14.7 22.1#

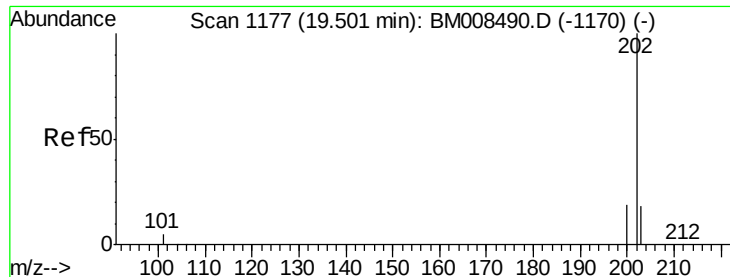


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

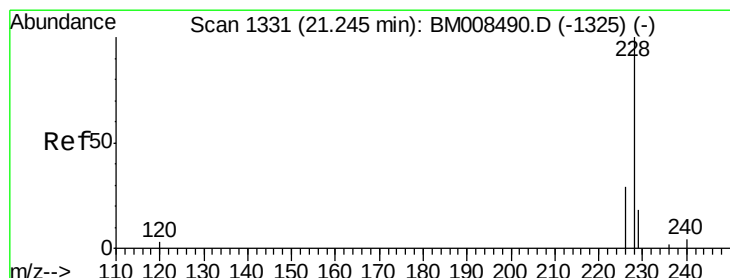
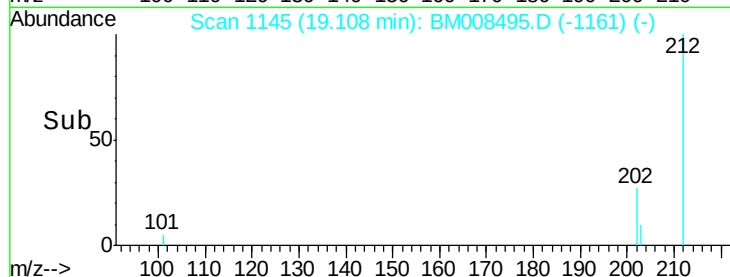
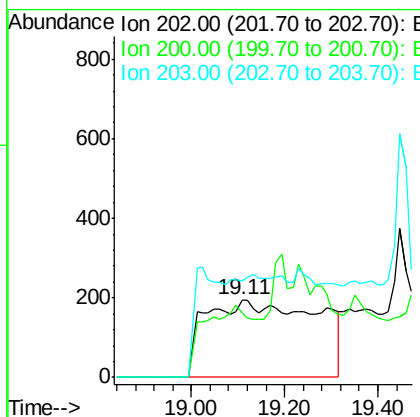
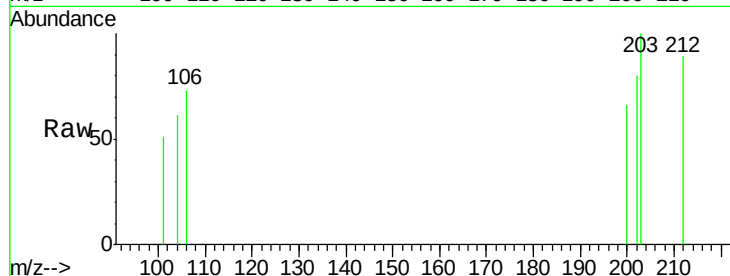




#17
 Pyrene
 Concen: 52.32 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.39 min
 Lab File: BM008495.D
 Acq: 21 Dec 2016 00:41

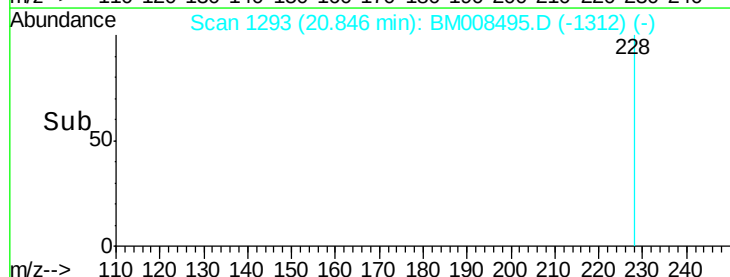
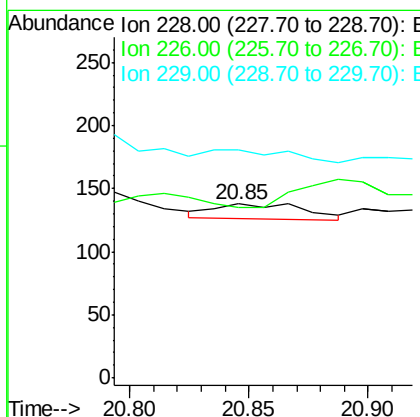
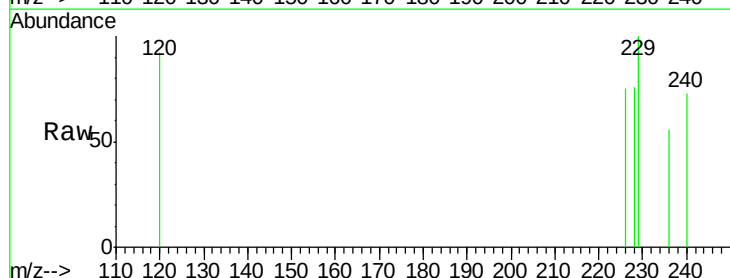
Instrument :
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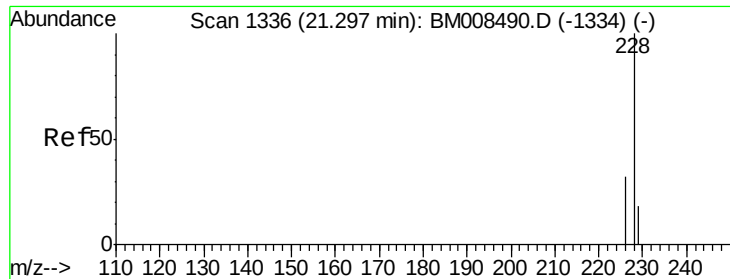
Tgt Ion:202 Resp: 3236
 Ion Ratio Lower Upper
 202 100
 200 82.1 18.2 27.4#
 203 124.5 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.59 ng/ul
 RT: 20.85 min Scan# 1293
 Delta R.T. -0.40 min
 Lab File: BM008495.D
 Acq: 21 Dec 2016 00:41

Tgt Ion:228 Resp: 31
 Ion Ratio Lower Upper
 228 100
 226 97.8 22.8 34.2#
 229 131.2 17.0 25.6#





#19

Chrysene

Concen: 0.33 ng/ul

RT: 20.92 min Scan# 1300

Delta R.T. -0.38 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

Instrument :

BNA_M

ClientSampleId :

DA8S5

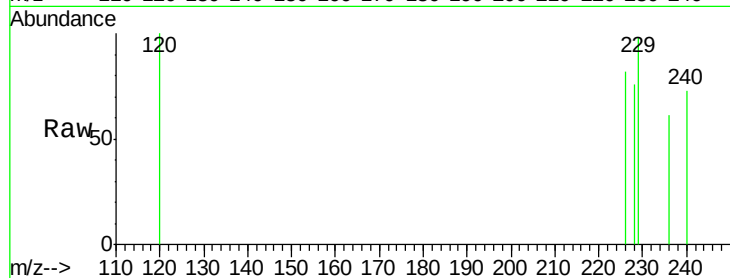
Tgt Ion:228 Resp: 19

Ion Ratio Lower Upper

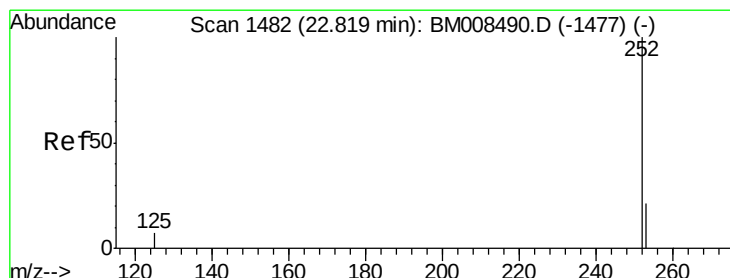
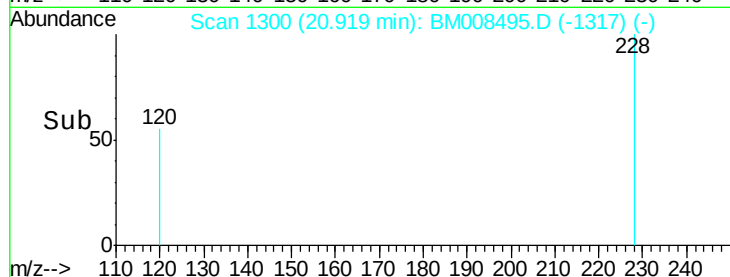
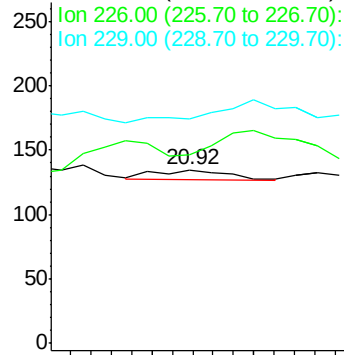
228 100

226 108.1 23.4 35.0#

229 128.9 17.7 26.5#



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



#21

Benzo(b)fluoranthene

Concen: 0.51 ng/ul

RT: 22.39 min Scan# 1441

Delta R.T. -0.43 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

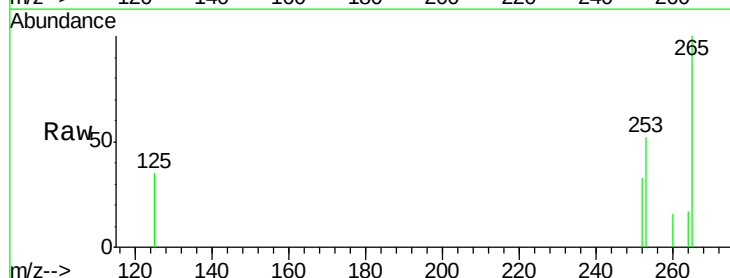
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

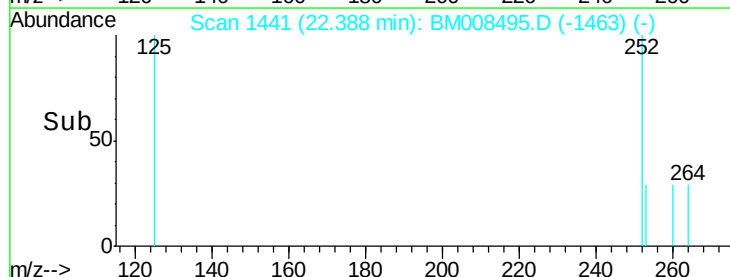
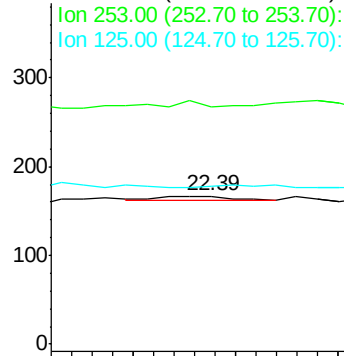
252 100

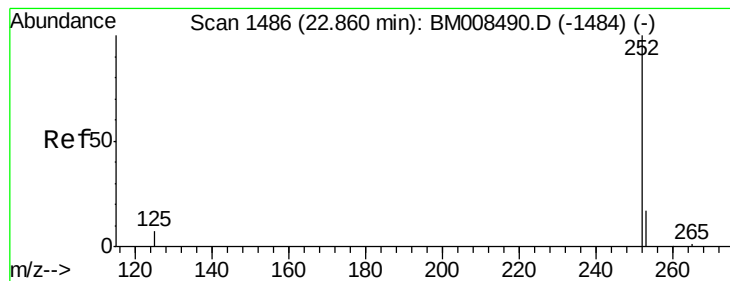
253 159.9 0.0 64.2#

125 106.6 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: 0.61 ng/ul

RT: 22.39 min Scan# 1441

Delta R.T. -0.47 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

Instrument :

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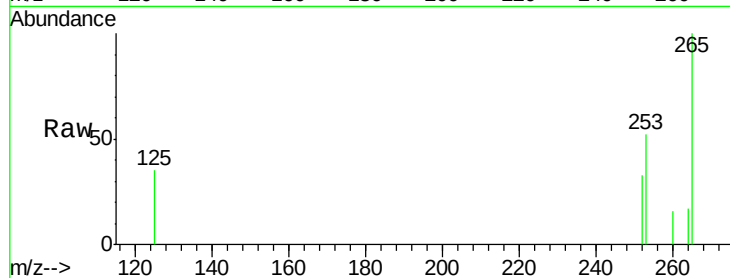
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 159.9 24.5 36.7#

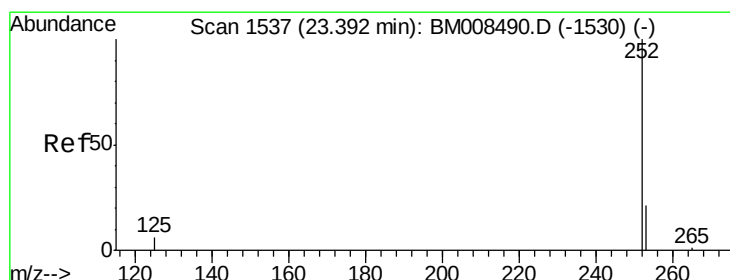
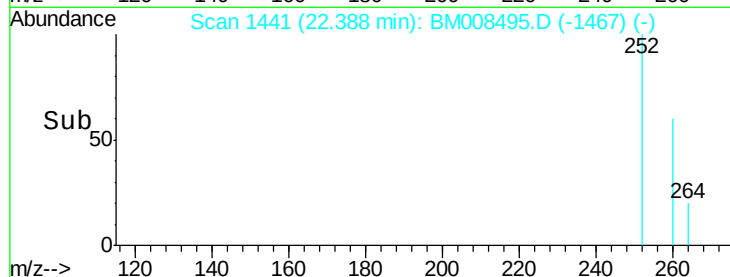
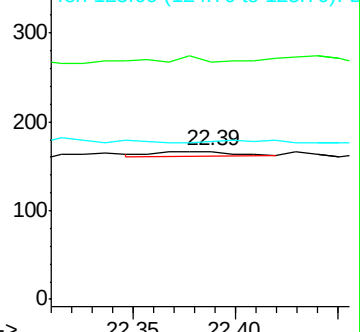
125 106.6 13.7 20.5#



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: 1.19 ng/ul

RT: 22.96 min Scan# 1496

Delta R.T. -0.43 min

Lab File: BM008495.D

Acq: 21 Dec 2016 00:41

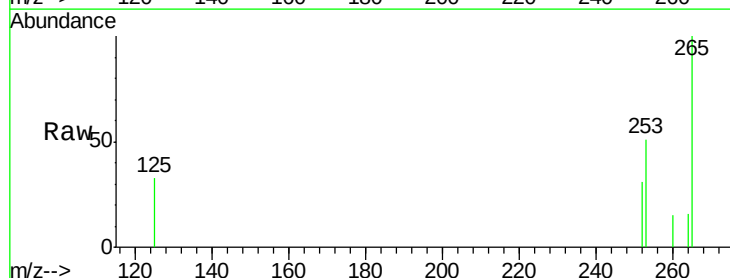
Tgt Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

253 161.0 28.5 42.7#

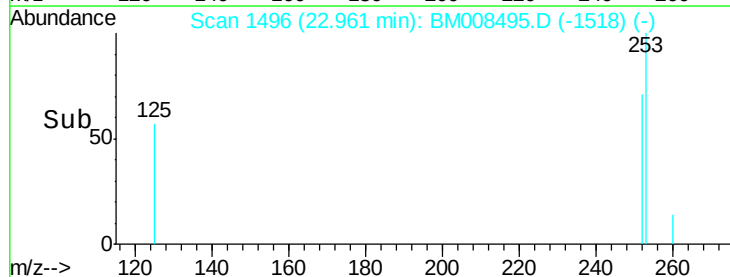
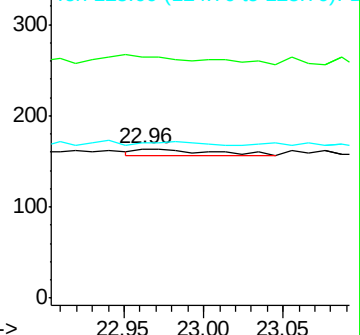
125 103.7 18.1 27.1#

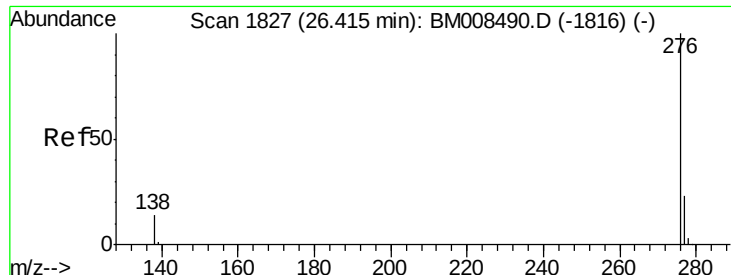


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.18 ng/ul

RT: 25.95 min Scan# 1783

Delta R.T. -0.46 min

Lab File: BM008495.D

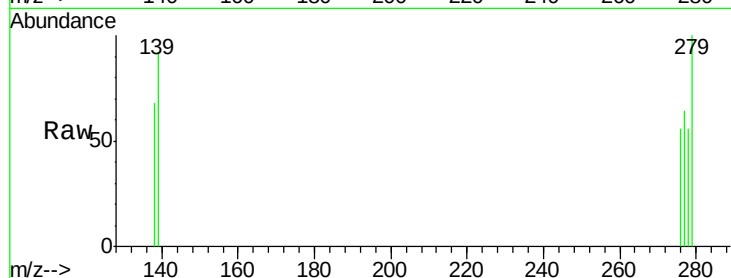
Acq: 21 Dec 2016 00:41

Instrument :

BNA_M

ClientSampleId :

DA8S5



Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
277	115.4	21.8	32.8#
138	123.1	20.5	30.7#

