

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008458.D
 Acq On : 20 Dec 2016 01:13
 Operator : UM/SJ
 Sample : H5970-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA854

Quant Time: Dec 20 03:45:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 03:40:00 2016
 Response via : Initial Calibration

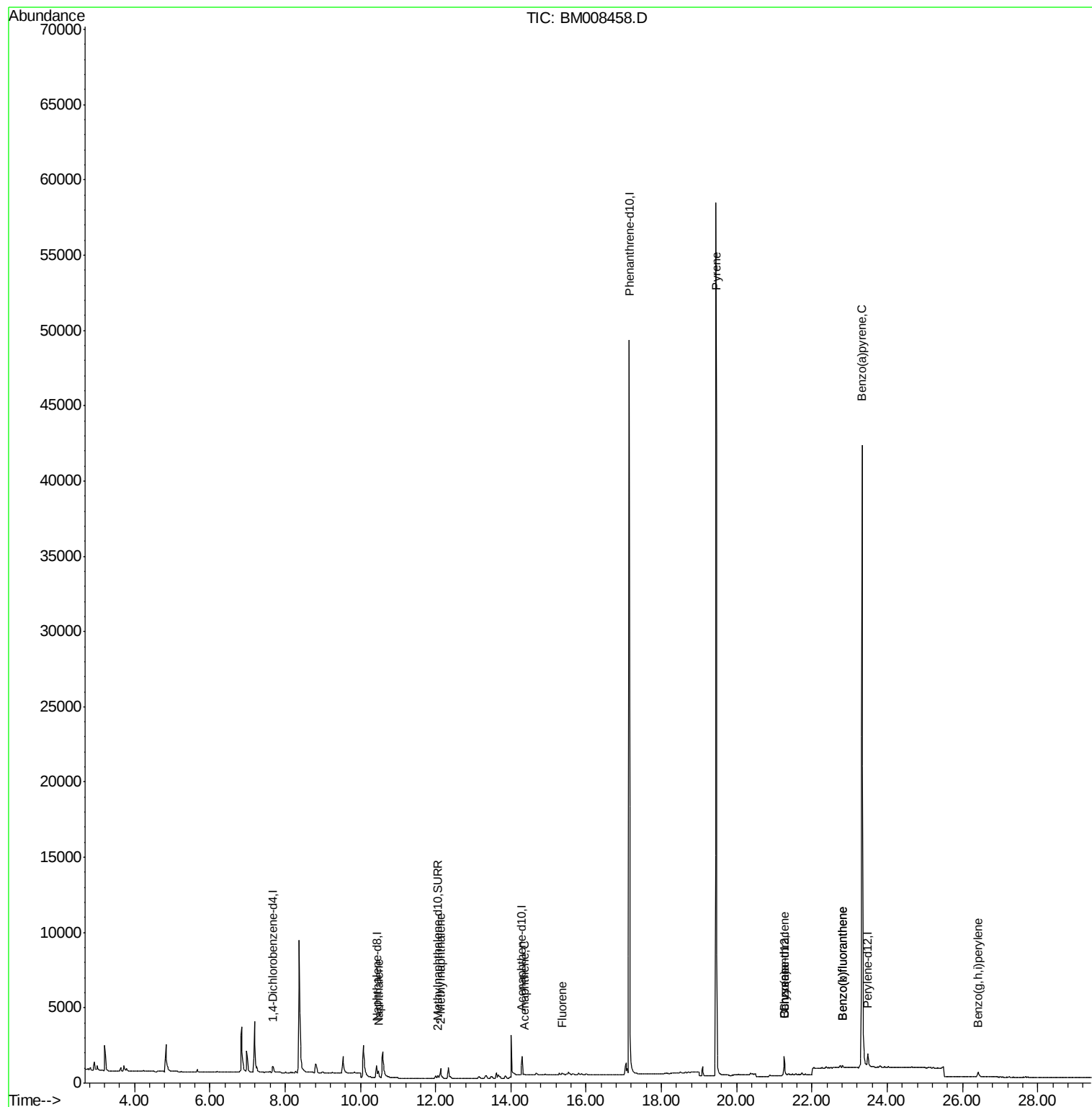
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	360	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.44	136	1211	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	730	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	68170	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1401	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1505	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	362	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.10	212	895	0.00	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.49	128	747	0.22	ng/ul#	80
5) 2-Methylnaphthalene	12.13	142	722	0.31	ng/ul	100
8) Acenaphthene	14.35	153	51	0.02	ng/ul#	77
9) Fluorene	15.36	166	128	0.05	ng/ul#	73
17) Pyrene	19.45	202	313	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	181	0.04	ng/ul#	1
19) Chrysene	21.27	228	176	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	369	0.06	ng/ul#	10
22) Benzo(k)fluoranthene	22.82	252	369	0.06	ng/ul#	6
23) Benzo(a)pyrene	23.33	252	365	0.07	ng/ul#	12
26) Benzo(g,h,i)perylene	26.41	276	727	0.13	ng/ul#	78

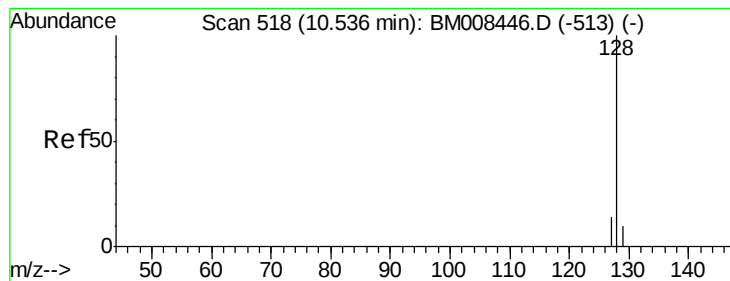
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.22 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.05 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

Instrument :

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ClientSampleId :

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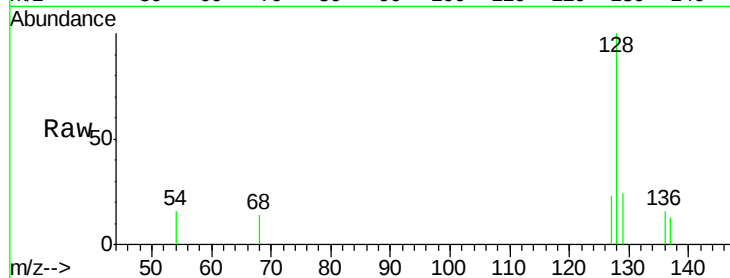
Tgt Ion:128 Resp: 747

Ion Ratio Lower Upper

128 100

129 23.6 11.3 16.9#

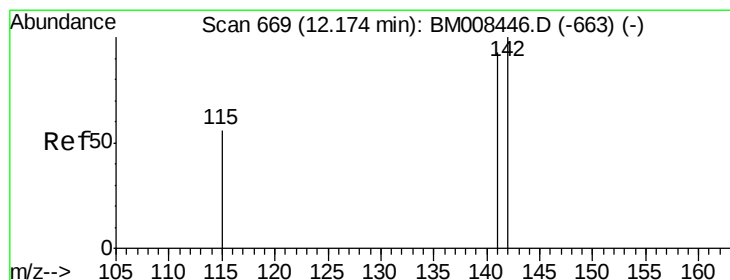
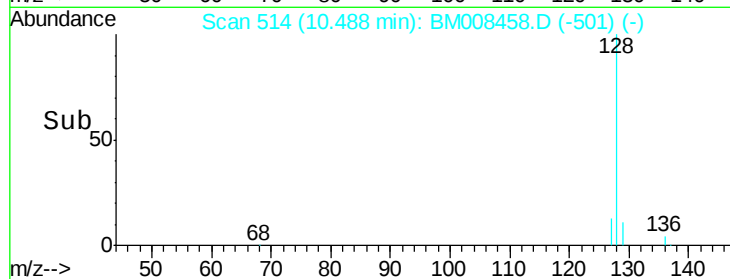
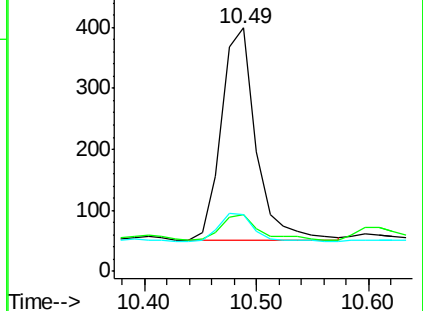
127 23.1 12.8 19.2#



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: 0.31 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.04 min

Lab File: BM008458.D

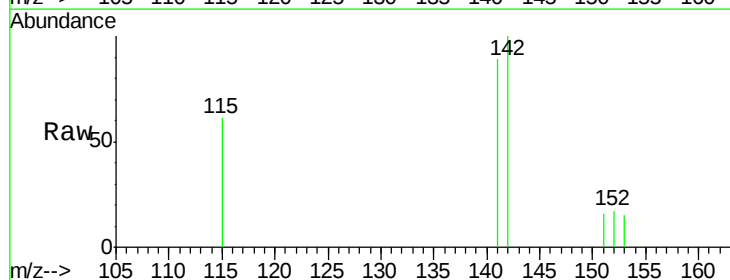
Acq: 20 Dec 2016 01:13

Tgt Ion:142 Resp: 722

Ion Ratio Lower Upper

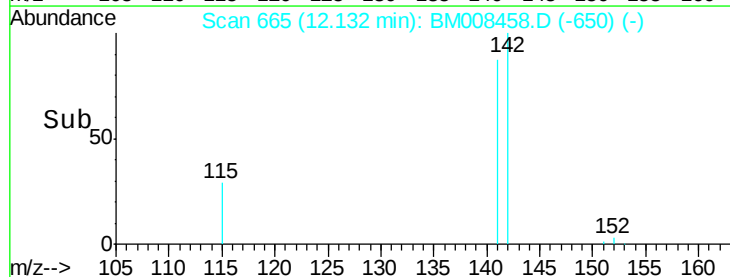
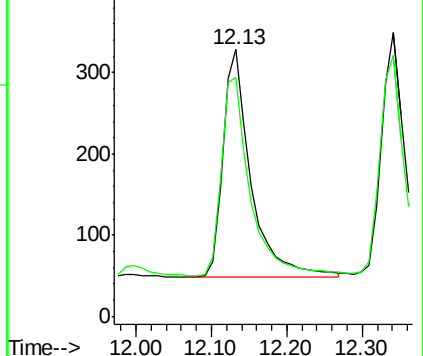
142 100

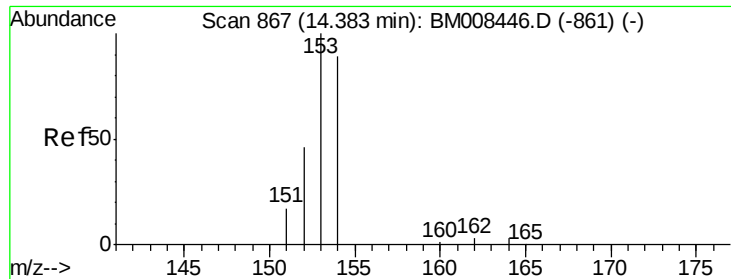
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

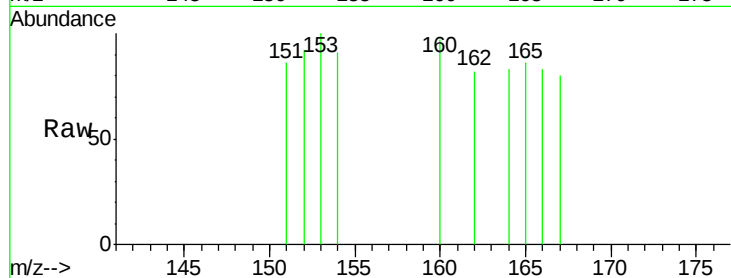
Instrument :

BNA_M

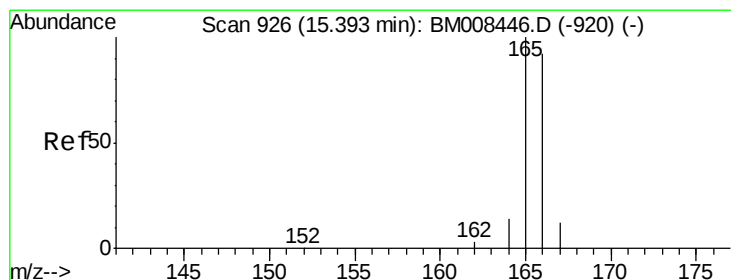
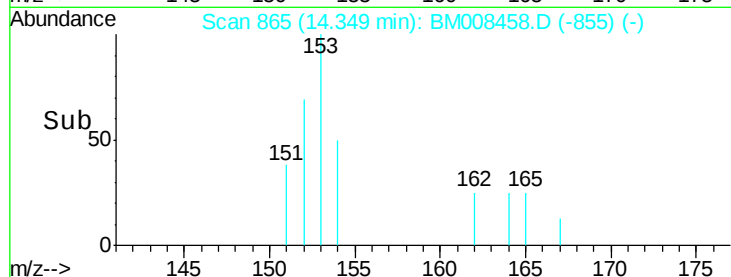
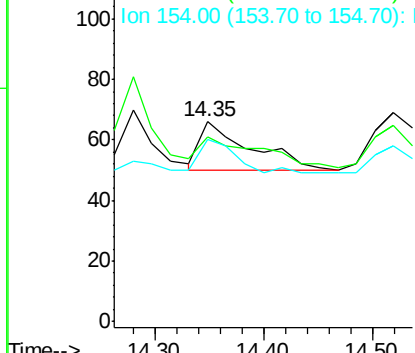
ClientSampled :

DA854

Tgt Ion:	153	Resp:	51
Ion	Ratio	Lower	Upper
153	100		
152	92.4	40.3	60.5#
154	90.9	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

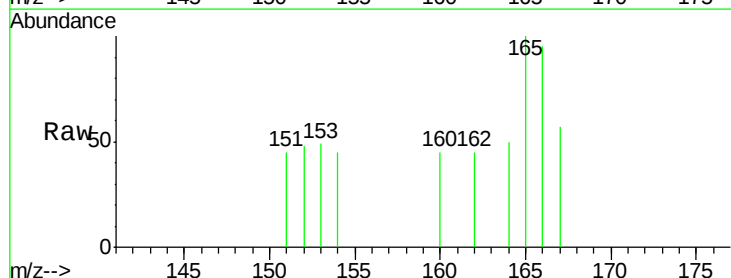
RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

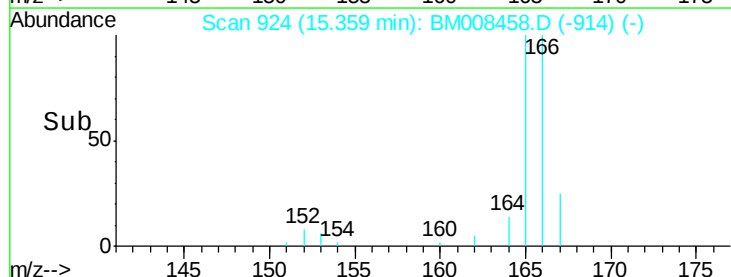
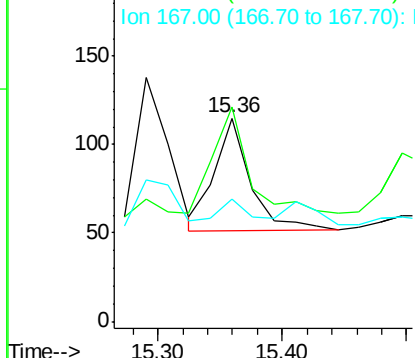
Lab File: BM008458.D

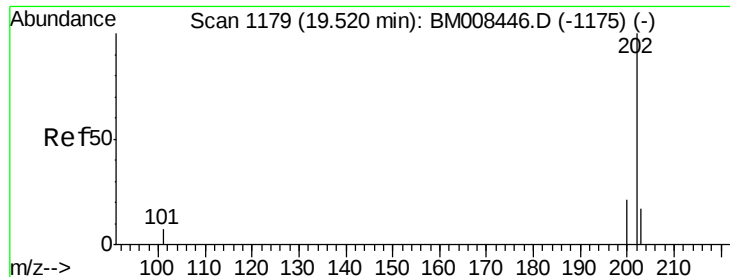
Acq: 20 Dec 2016 01:13

Tgt Ion:	166	Resp:	128
Ion	Ratio	Lower	Upper
166	100		
165	105.2	73.4	110.2
167	60.0	14.6	22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

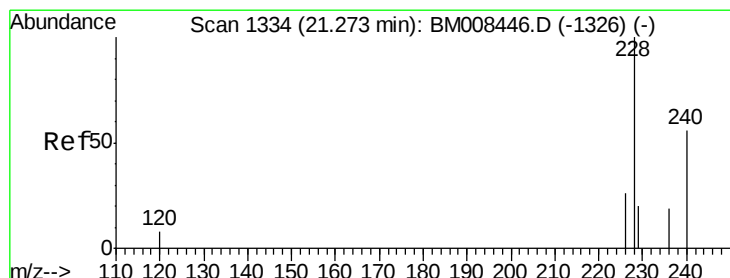
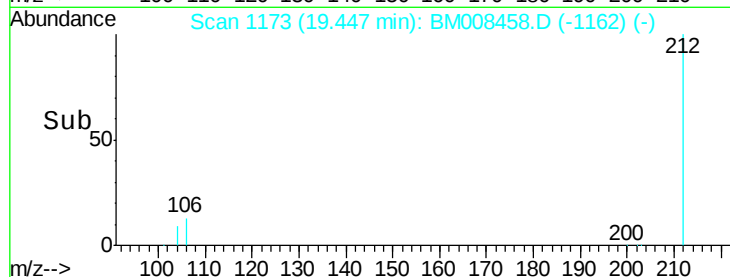
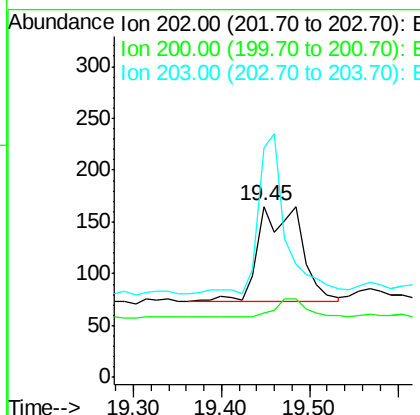
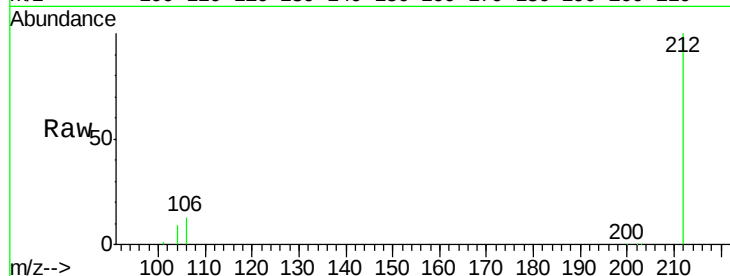




#17
 Pyrene
 Concen: 0.06 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.07 min
 Lab File: BM008458.D
 Acq: 20 Dec 2016 01:13

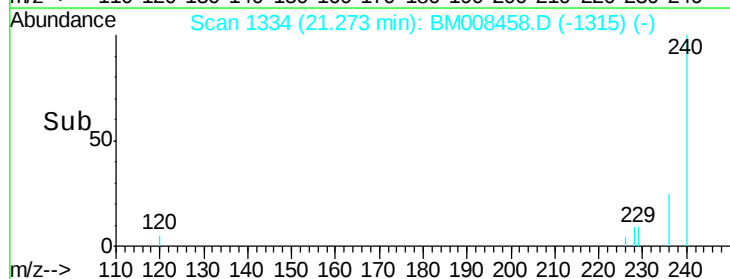
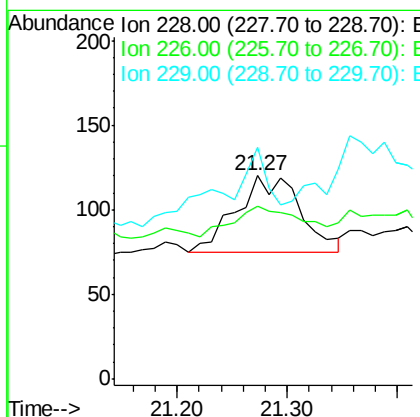
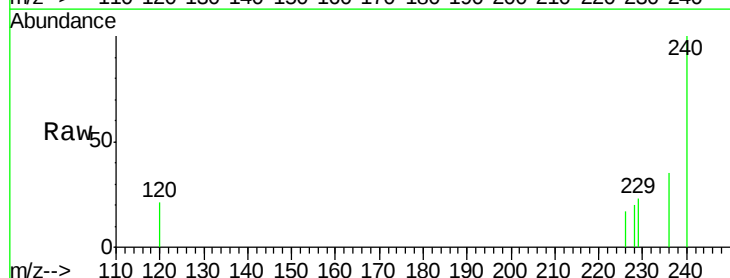
Instrument :
 BNA_M
 ClientSampled :
 DA854

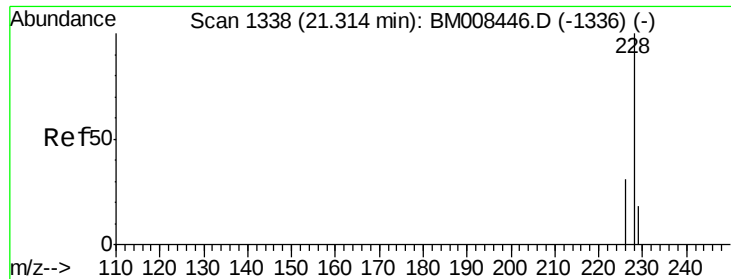
Tgt Ion: 202 Resp: 313
 Ion Ratio Lower Upper
 202 100
 200 37.6 18.2 27.4#
 203 133.9 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.27 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BM008458.D
 Acq: 20 Dec 2016 01:13

Tgt Ion: 228 Resp: 181
 Ion Ratio Lower Upper
 228 100
 226 85.0 22.8 34.2#
 229 114.2 17.0 25.6#





#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

Instrument :

BNA_M

ClientSampleId :

DA854

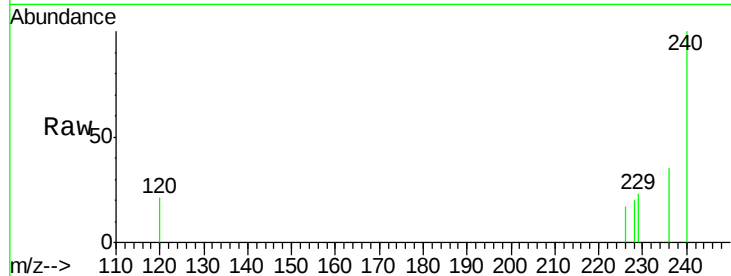
Tgt Ion:228 Resp: 176

Ion Ratio Lower Upper

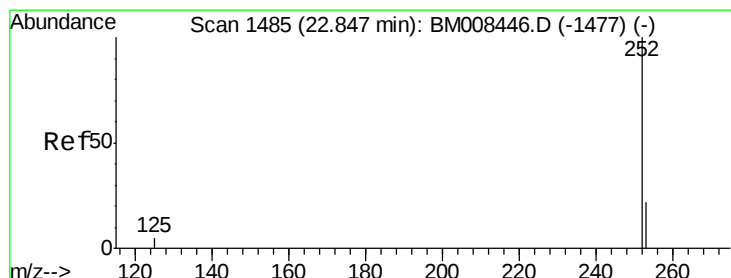
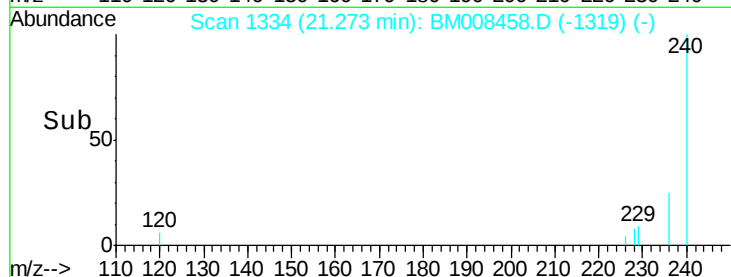
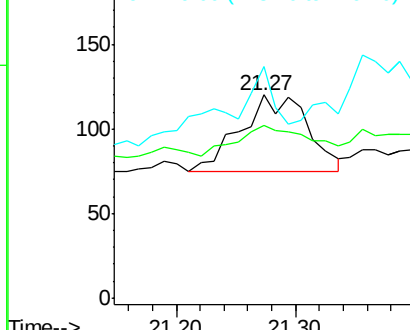
228 100

226 85.0 23.4 35.0#

229 114.2 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: 0.06 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

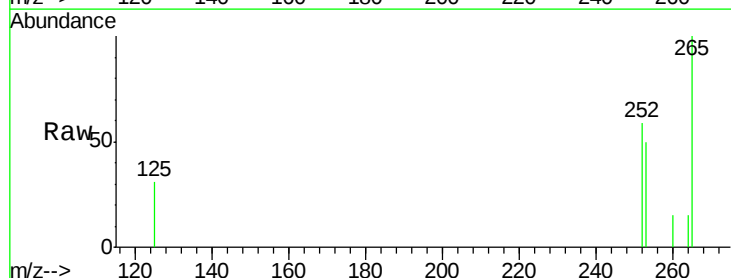
Tgt Ion:252 Resp: 369

Ion Ratio Lower Upper

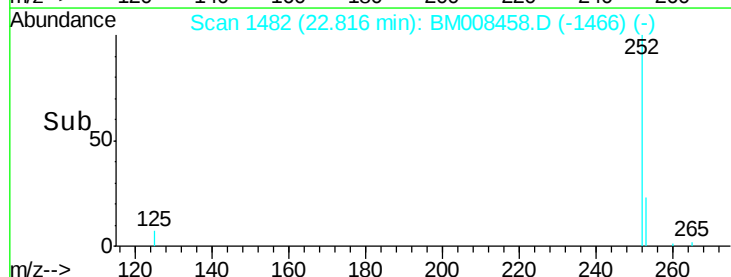
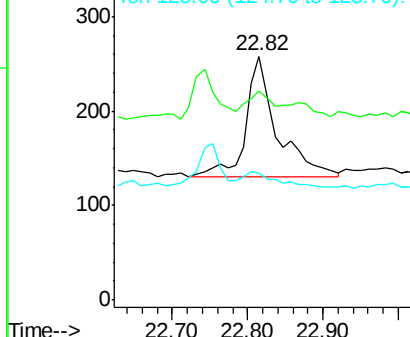
252 100

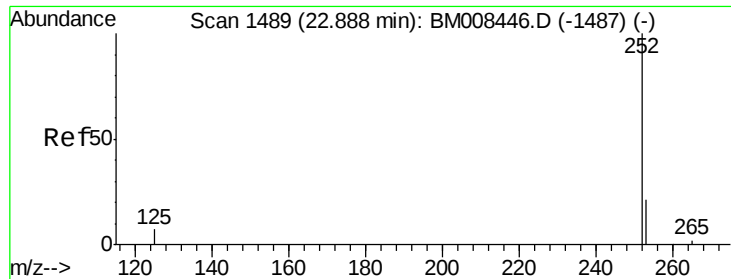
253 85.7 0.0 64.2#

125 52.3 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: 0.06 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

Instrument :

BNA_M

ClientSampleId :

DA854

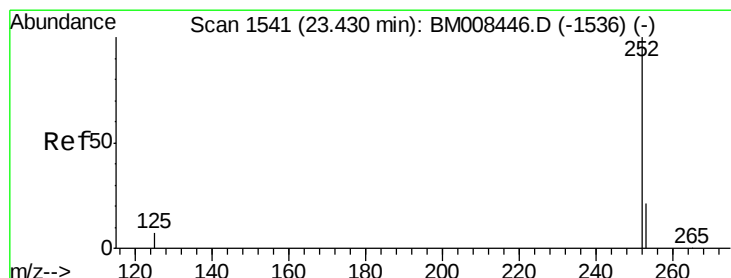
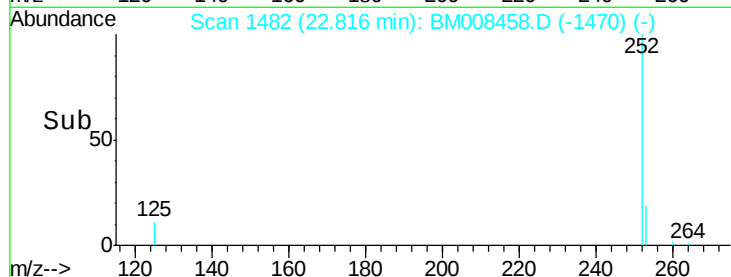
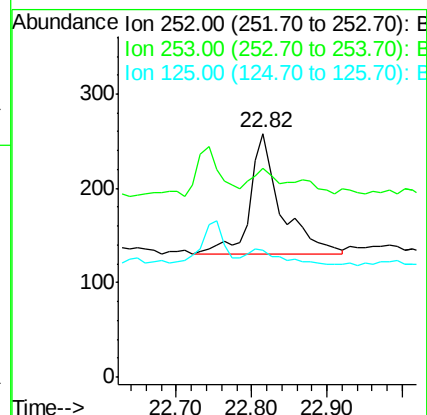
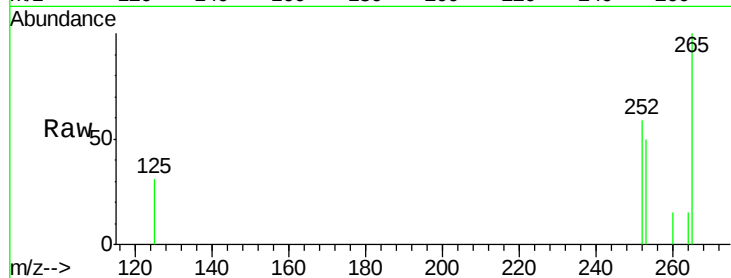
Tgt Ion:252 Resp: 369

Ion Ratio Lower Upper

252 100

253 85.7 24.5 36.7#

125 52.3 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.10 min

Lab File: BM008458.D

Acq: 20 Dec 2016 01:13

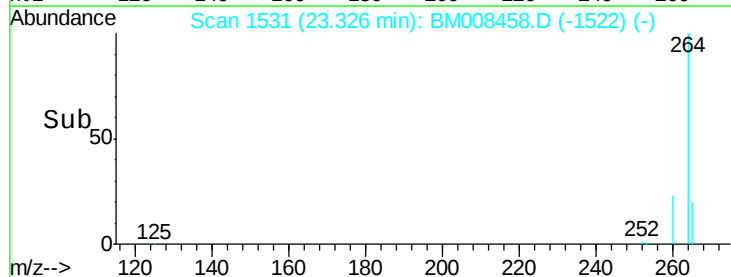
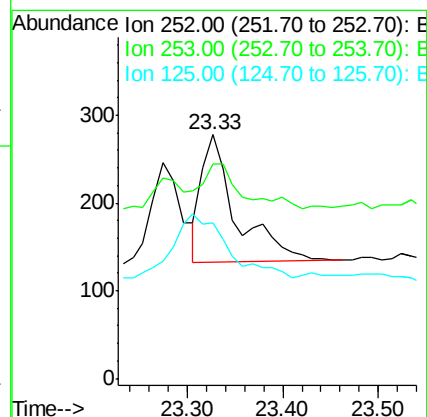
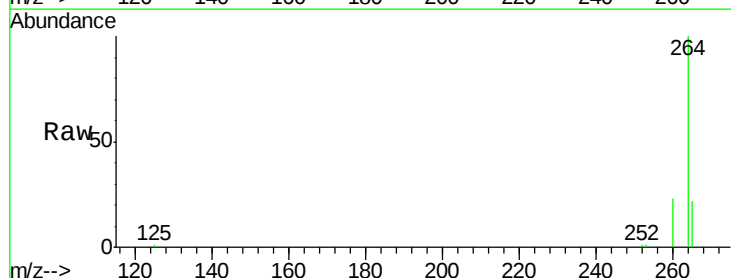
Tgt Ion:252 Resp: 365

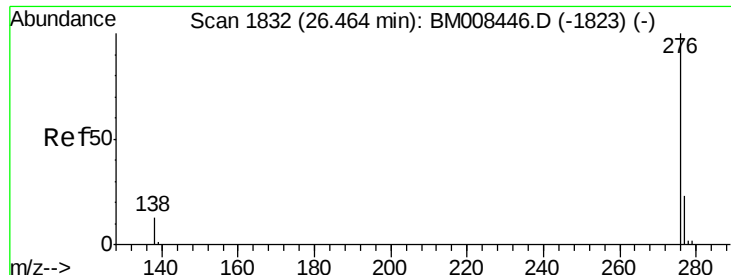
Ion Ratio Lower Upper

252 100

253 88.1 28.5 42.7#

125 63.7 18.1 27.1#





#26

Benzo(g,h,i)perylene

Concen: 0.13 ng/ul

RT: 26.41 min Scan# 1827

Delta R.T. -0.05 min

Lab File: BM008458.D

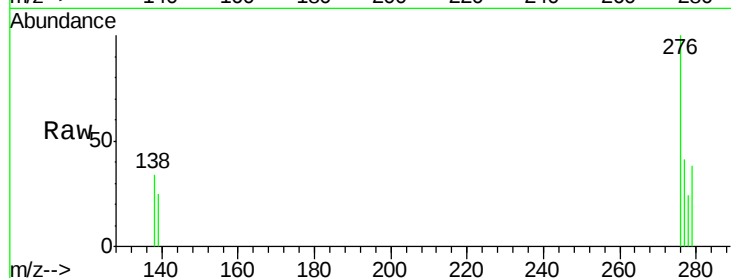
Acq: 20 Dec 2016 01:13

Instrument :

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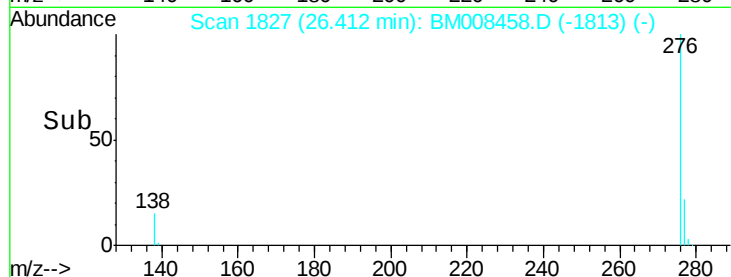
Tgt Ion: 276 Resp: 727

Ion Ratio Lower Upper

276 100

277 40.8 21.8 32.8#

138 34.2 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

