

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008562.D
 Acq On : 22 Dec 2016 19:01
 Operator : UM/SJ
 Sample : H5996-08RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA871RE

Quant Time: Dec 23 04:16:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

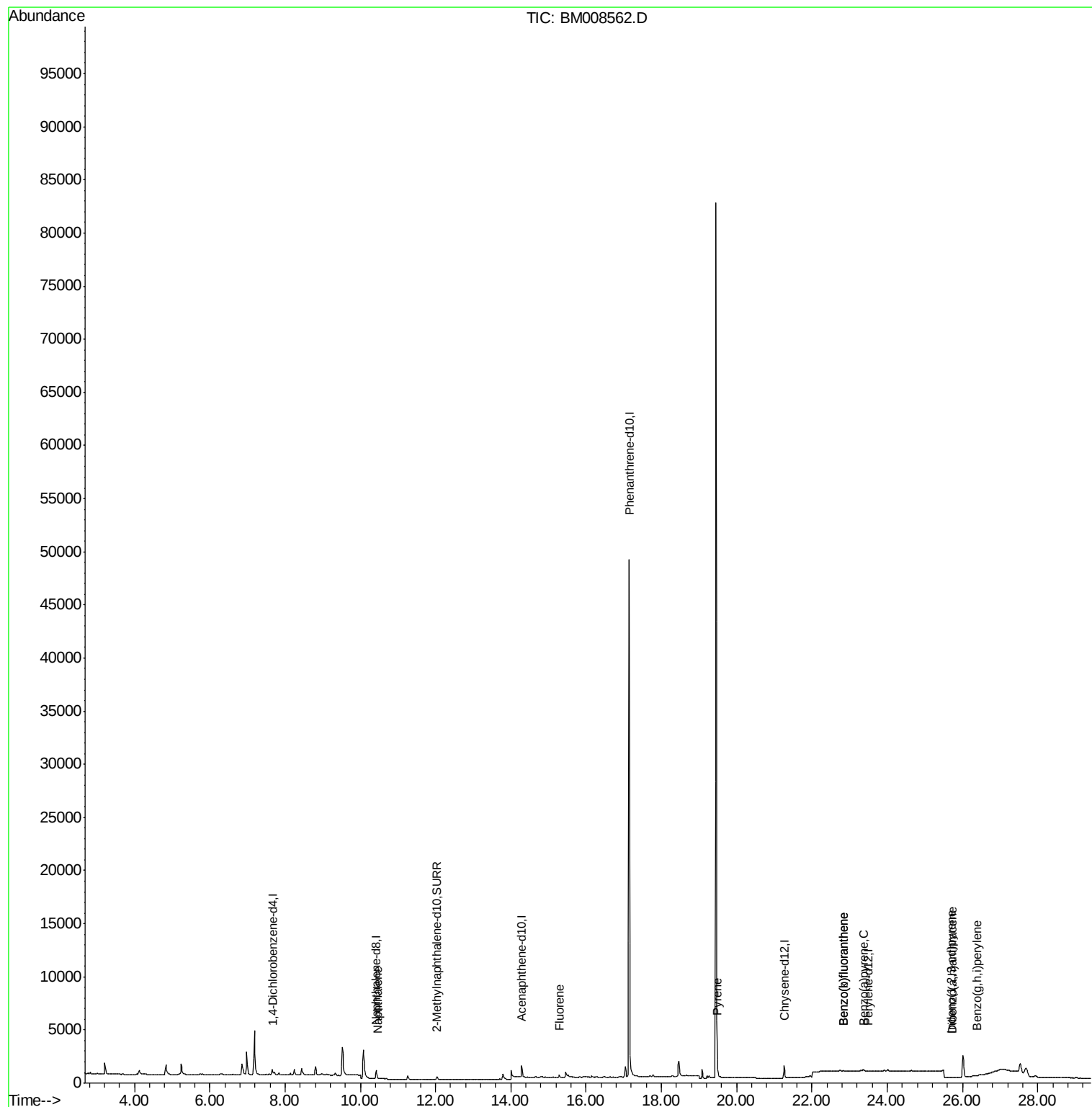
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	384	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1257	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	766	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	66439	0.40	ng/ul	0.07
16) Chrysene-d12	21.26	240	1425	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	11	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	518	0.27	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.48	128	79	0.02	ng/ul#	1
9) Fluorene	15.29	166	205	0.07	ng/ul#	39
17) Pyrene	19.48	202	1250	0.23	ng/ul#	81
21) Benzo(b)fluoranthene	22.83	252	95	2.19	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	96	2.27	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	12	0.30	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.71	276	31	0.65	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.73	278	16	0.42	ng/ul#	1
26) Benzo(g,h,i)perylene	26.39	276	41	1.00	ng/ul#	1

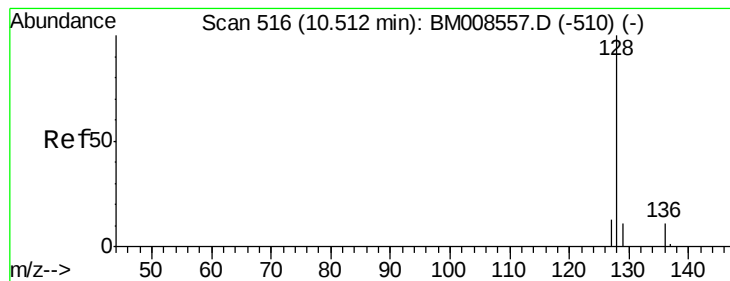
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.04 min

Lab File: BM008562.D

Acq: 22 Dec 2016 19:01

Instrument :

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ClientSampleId :

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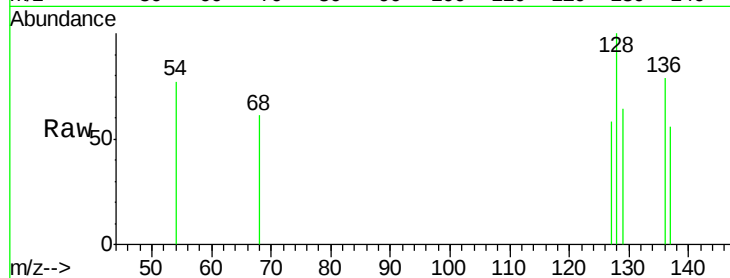
Tgt Ion:128 Resp: 79

Ion Ratio Lower Upper

128 100

129 63.5 11.3 16.9#

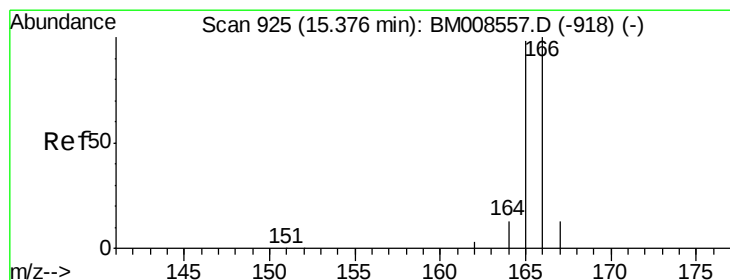
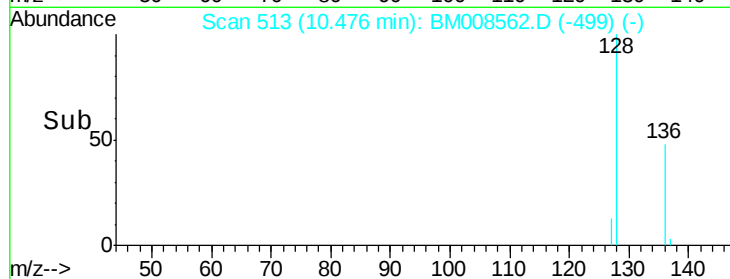
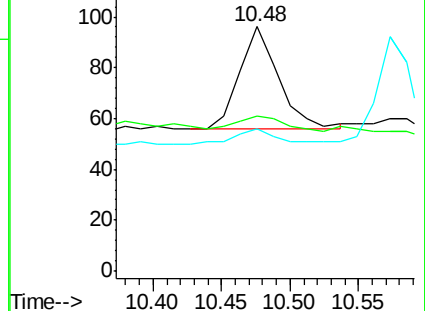
127 58.3 12.8 19.2#



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



#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.09 min

Lab File: BM008562.D

Acq: 22 Dec 2016 19:01

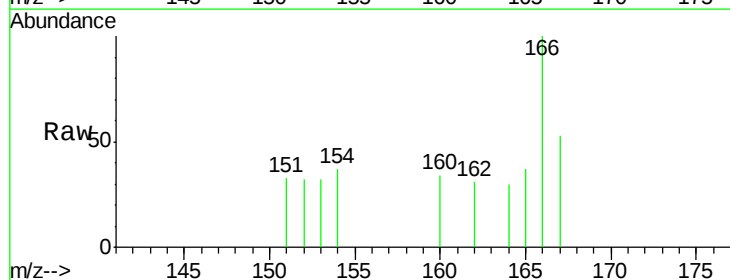
Tgt Ion:166 Resp: 205

Ion Ratio Lower Upper

166 100

165 37.3 73.4 110.2#

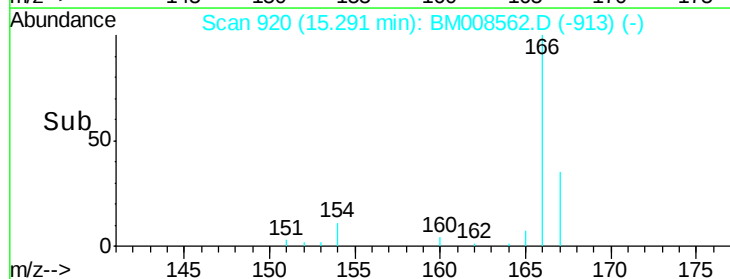
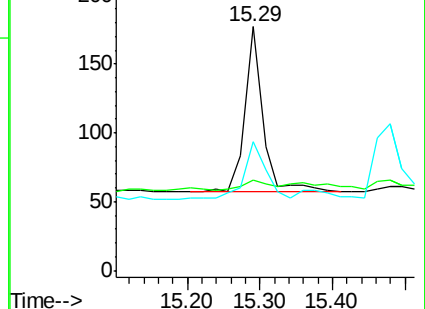
167 53.1 14.6 22.0#

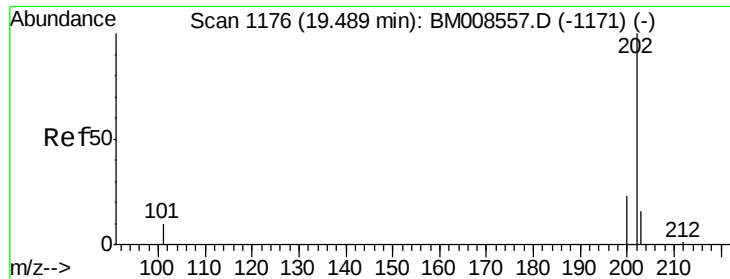


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

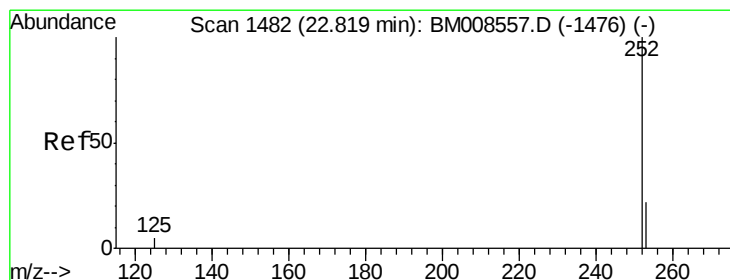
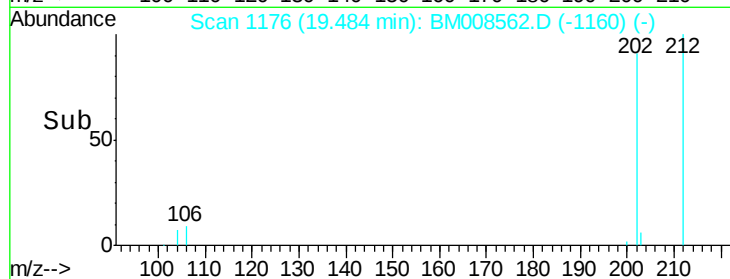
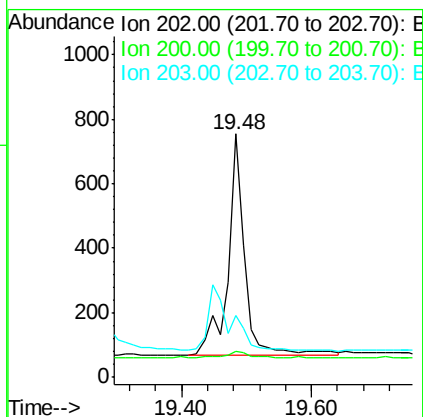
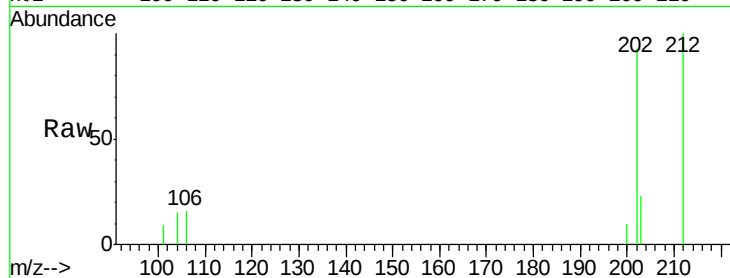




#17
 Pyrene
 Concen: 0.23 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BM008562.D
 Acq: 22 Dec 2016 19:01

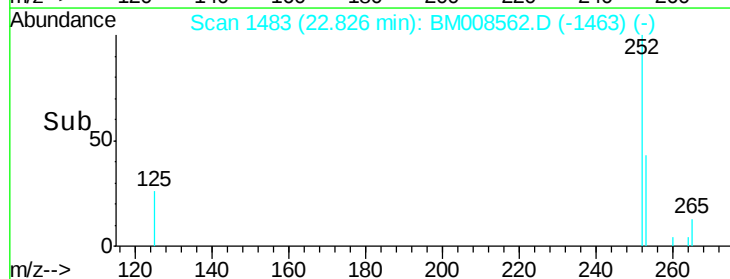
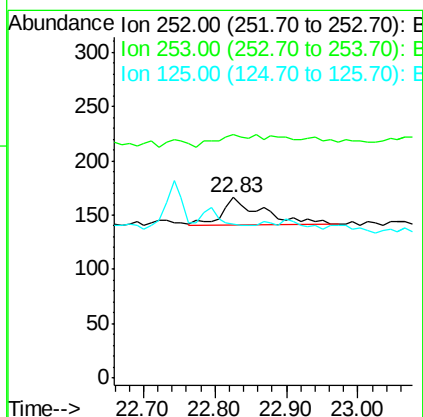
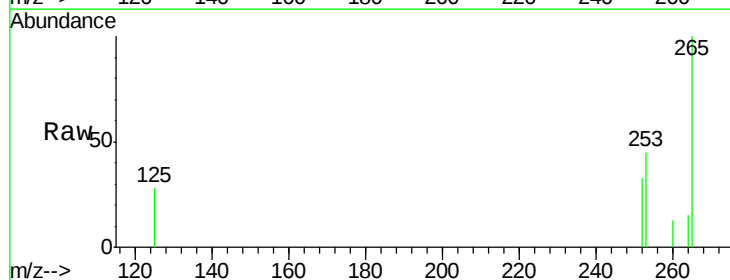
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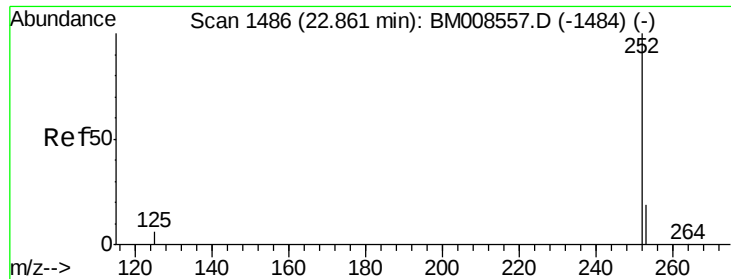
Tgt Ion: 202 Resp: 1250
 Ion Ratio Lower Upper
 202 100
 200 10.6 18.2 27.4#
 203 25.2 15.6 23.4#



#21
 Benzo(b)fluoranthene
 Concen: 2.19 ng/ul
 RT: 22.83 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BM008562.D
 Acq: 22 Dec 2016 19:01

Tgt Ion: 252 Resp: 95
 Ion Ratio Lower Upper
 252 100
 253 134.9 0.0 64.2#
 125 85.5 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 2.27 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.03 min

Lab File: BM008562.D

Acq: 22 Dec 2016 19:01

Instrument :

BNA_M

ClientSampleId :

DA871RE

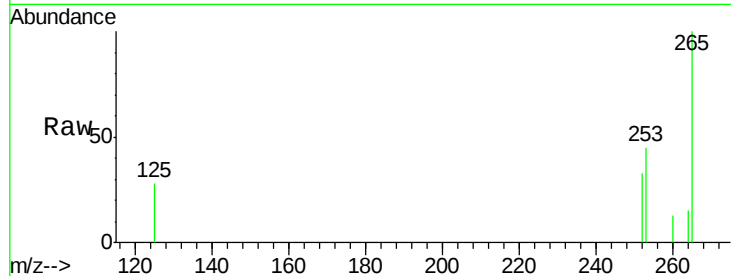
Tgt Ion:252 Resp: 96

Ion Ratio Lower Upper

252 100

253 134.9 24.5 36.7#

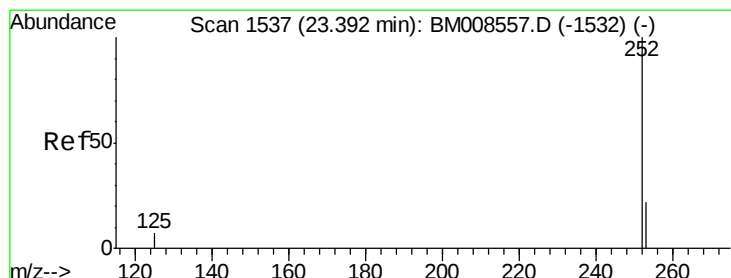
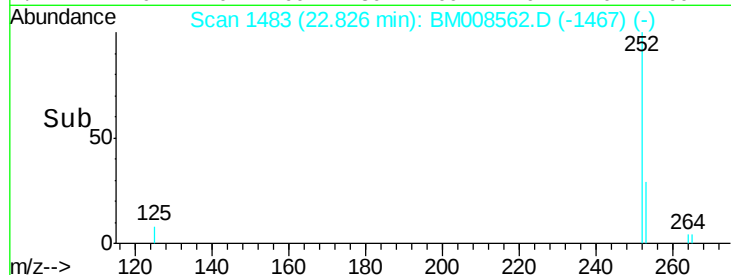
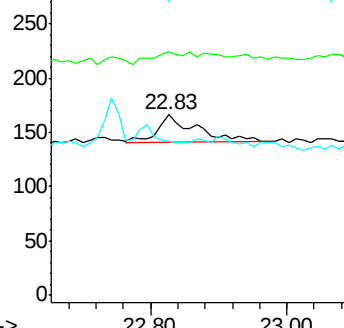
125 85.5 13.7 20.5#



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: 0.30 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM008562.D

Acq: 22 Dec 2016 19:01

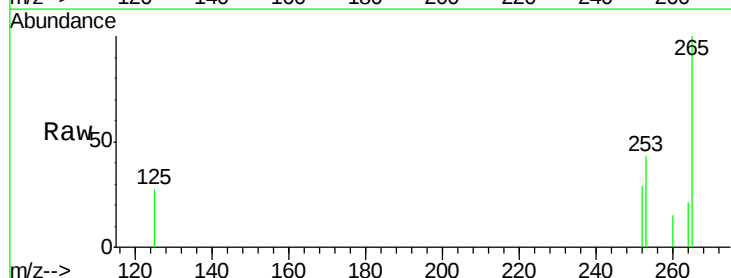
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 150.7 28.5 42.7#

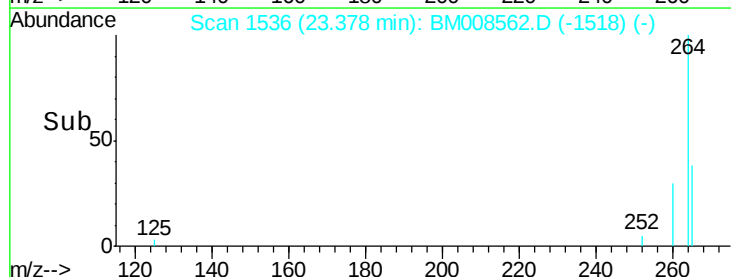
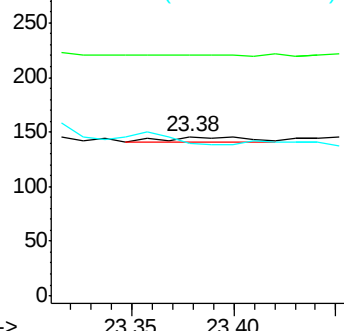
125 95.9 18.1 27.1#

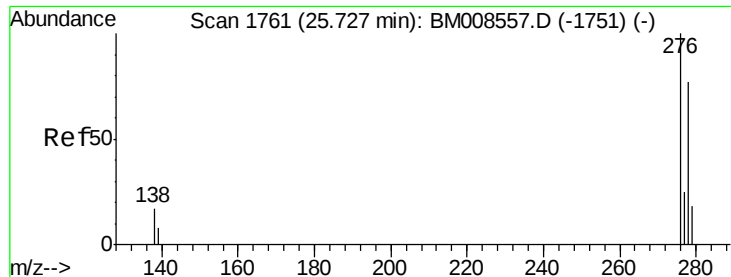


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.65 ng/ul

RT: 25.71 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM008562.D

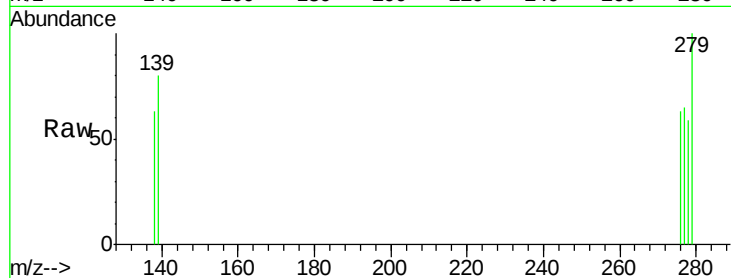
Acq: 22 Dec 2016 19:01

Instrument :

BNA_M

ClientSampleId :

DA871RE



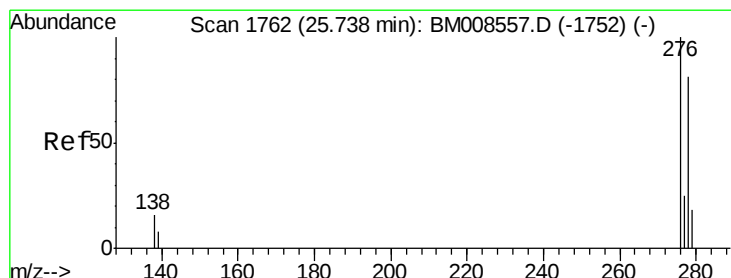
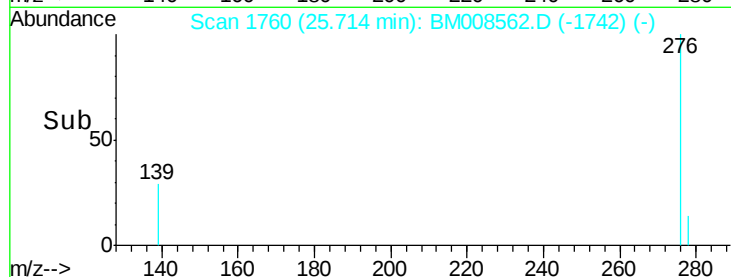
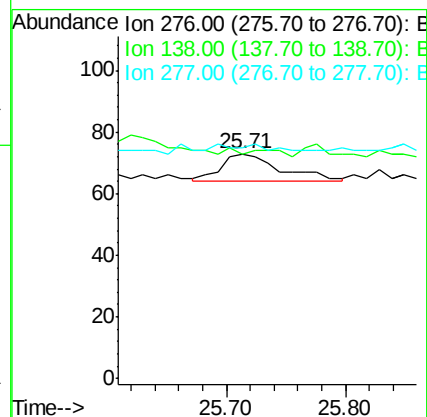
Tgt Ion: 276 Resp: 31

Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

277 0.0 19.6 29.4#



#25

Dibenzo(a,h)anthracene

Concen: 0.42 ng/ul

RT: 25.73 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BM008562.D

Acq: 22 Dec 2016 19:01

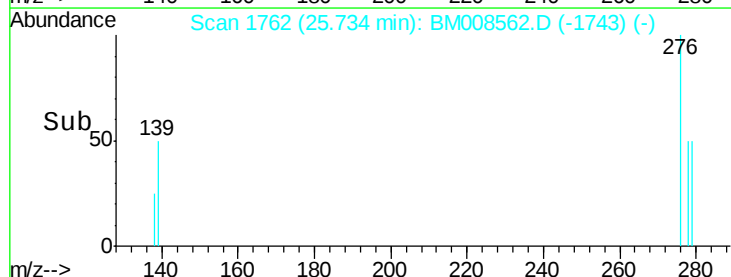
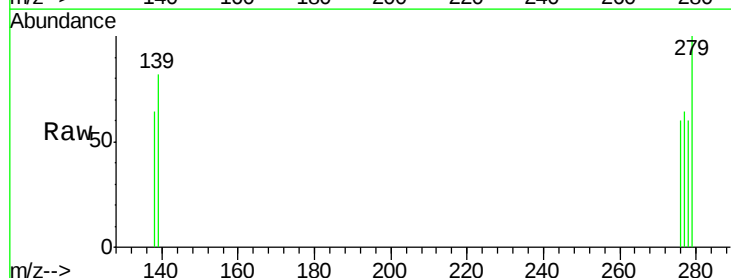
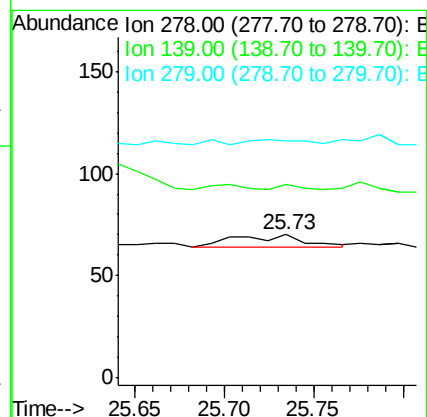
Tgt Ion: 278 Resp: 16

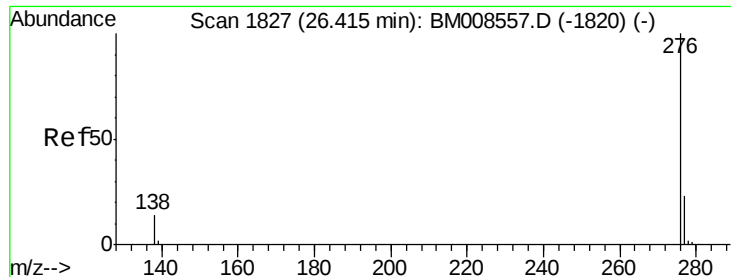
Ion Ratio Lower Upper

278 100

139 135.7 17.4 26.0#

279 165.7 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.00 ng/ul

RT: 26.39 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM008562.D

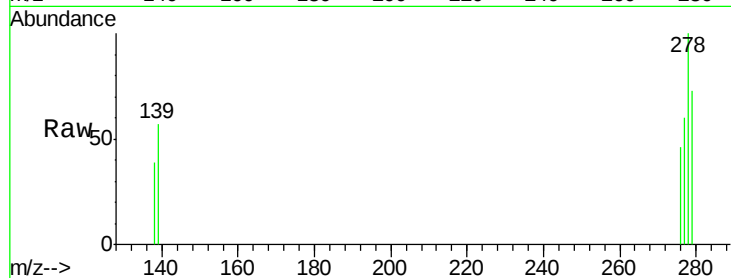
Acq: 22 Dec 2016 19:01

Instrument :

BNA_M

ClientSampleId :

DA871RE



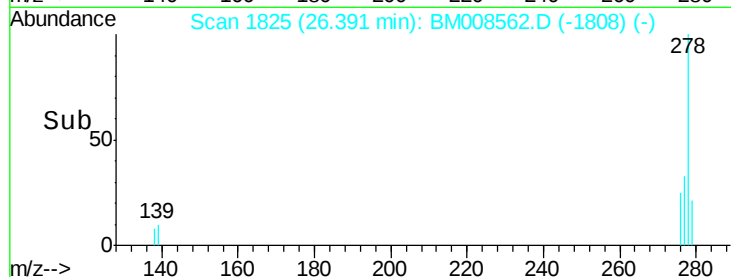
Tgt Ion: 276 Resp: 41

Ion Ratio Lower Upper

276 100

277 131.1 21.8 32.8#

138 85.6 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

