

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071616\
 Data File : BM006508.D
 Acq On : 17 Jul 2016 09:57
 Operator : UM/SJ
 Sample : H3959-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 07:43:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 18 07:39:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	678308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	387775	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	906045	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1038257	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1093508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9725	2.58	ng/uL	0.00
5) Phenol-d5	6.79	99	425681	32.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	277839	35.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	346309	32.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	345715	33.44	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	169947	33.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	188159	32.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	332072	30.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	463505	40.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1069527	33.70	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1335574	34.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	137792	24.99	ng/ul	0.00
57) Fluorene-d10	15.26	176	949737	33.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	105452	20.12	ng/ul	0.00
70) Anthracene-d10	17.12	188	1469862	34.32	ng/ul	0.00
76) Pyrene-d10	19.42	212	1671541	35.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1765628	35.31	ng/ul	0.00

Target Compounds

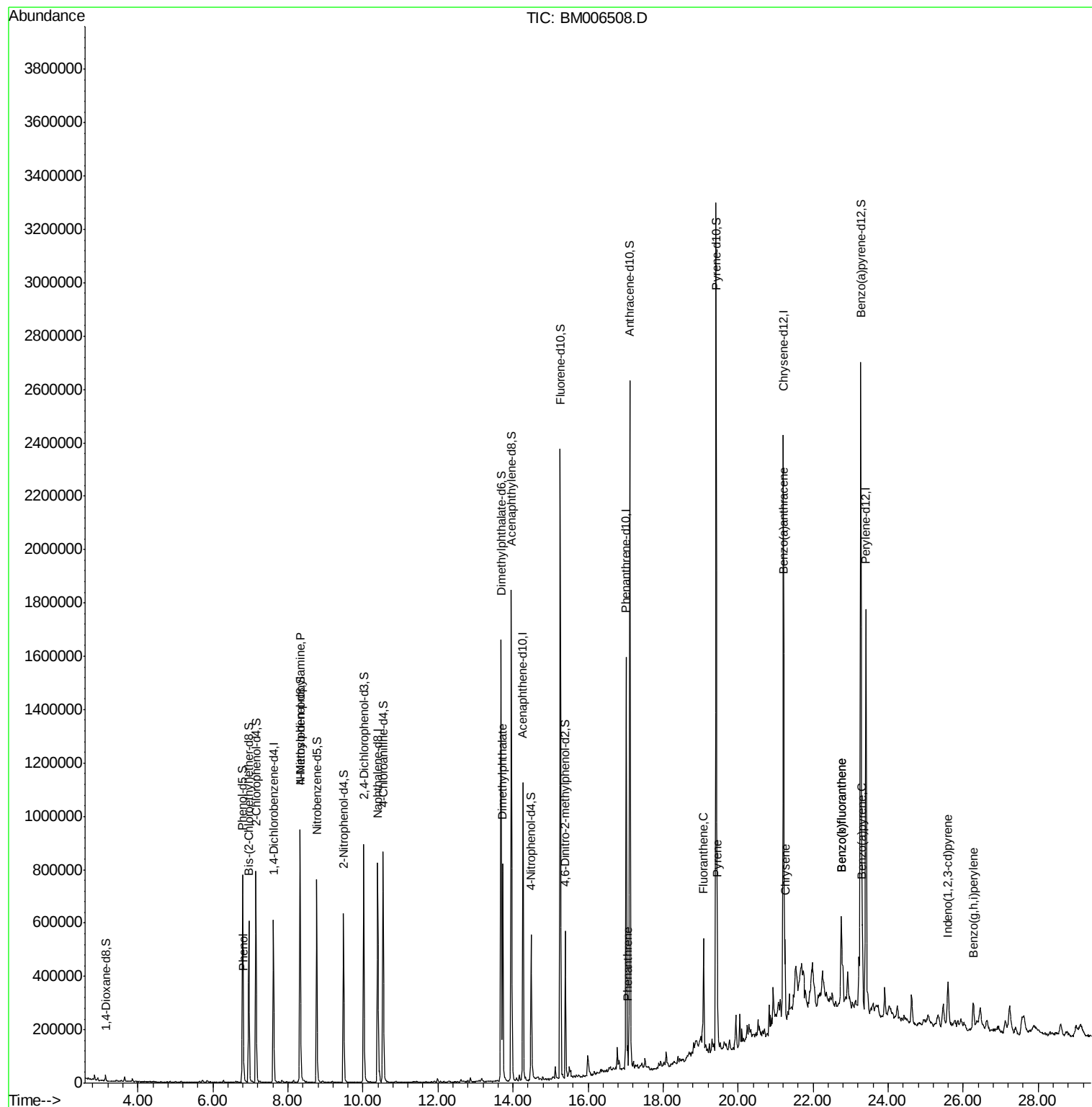
						Ovalue
6) Phenol	6.82	94	19269	1.40	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.32	70	9574	1.11	ng/ul#	1
44) Dimethylphthalate	13.73	163	509989	15.84	ng/ul	99
69) Phenanthrene	17.06	178	49900	1.00	ng/ul	98
74) Fluoranthene	19.08	202	232617	4.02	ng/ul	99
77) Pyrene	19.44	202	219251	3.54	ng/ul	100
80) Benzo(a)anthracene	21.20	228	168209	2.65	ng/ul	97
82) Chrysene	21.25	228	189453	3.18	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	266964	4.08	ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	266964	4.34	ng/ul	98
88) Benzo(a)pyrene	23.31	252	201561	3.22	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	133242	1.83	ng/ul	93
91) Benzo(g,h,i)perylene	26.27	276	121554	1.89	ng/ul	96

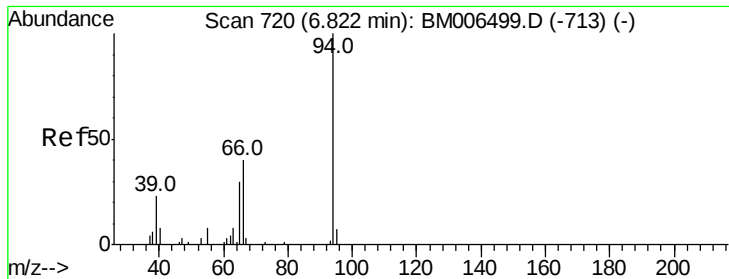
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.40 ng/ul

RT: 6.82 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

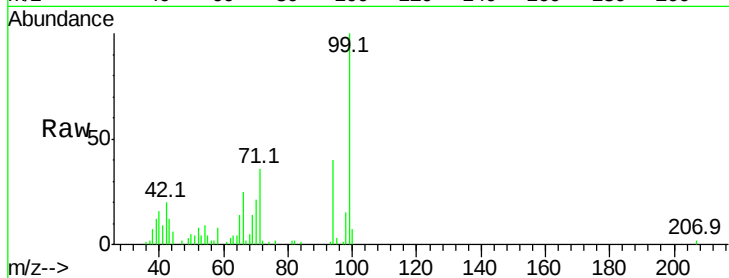
Tot Ion: 94 Resp: 19269

Ion Ratio Lower Upper

94 100

65 35.8 25.8 38.8

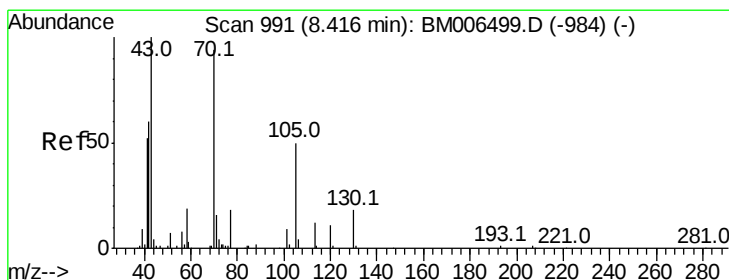
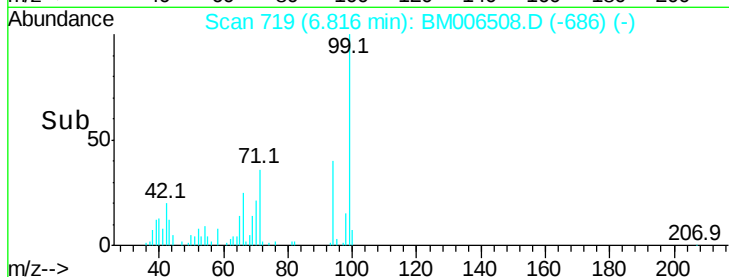
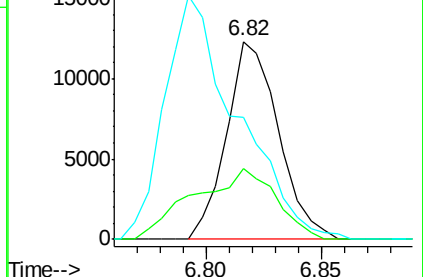
66 61.4 35.7 53.5#



Abundance Ion 94.00 (93.70 to 94.70): BM006499.D (-713) (-)

Ion 65.00 (64.70 to 65.70): BM006499.D (-713) (-)

Ion 66.00 (65.70 to 66.70): BM006499.D (-713) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.11 ng/ul

RT: 8.32 min Scan# 975

Delta R.T. -0.09 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Tgt Ion: 70 Resp: 9574

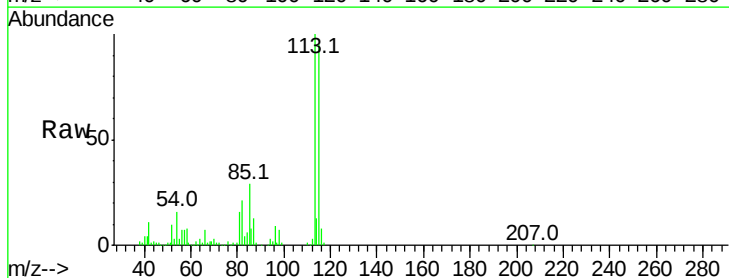
Ion Ratio Lower Upper

70 100

42 420.8 50.6 75.8#

101 0.0 7.9 11.9#

130 0.0 15.8 23.6#

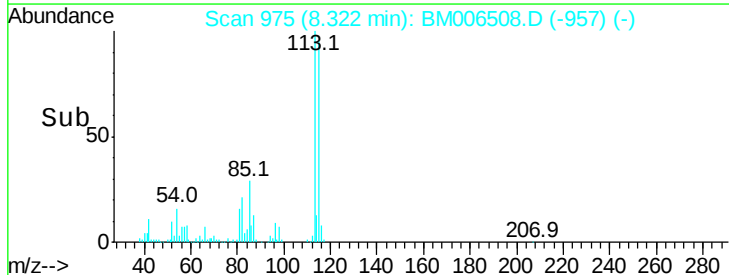
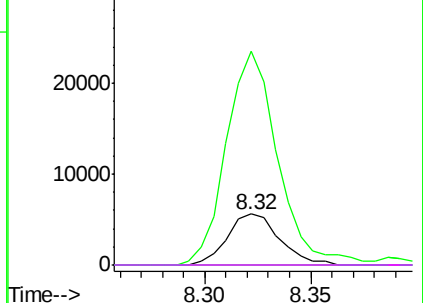


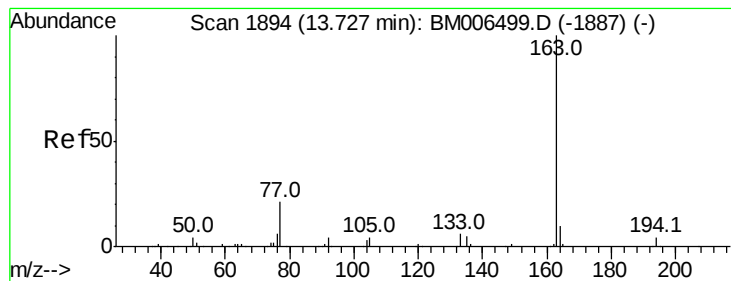
Abundance Ion 70.00 (69.70 to 70.70): BM006499.D (-984) (-)

Ion 42.00 (41.70 to 42.70): BM006499.D (-984) (-)

Ion 101.00 (100.70 to 101.70): BM006499.D (-984) (-)

Ion 130.00 (129.70 to 130.70): BM006499.D (-984) (-)





#44

Dimethylphthalate

Concen: 15.84 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

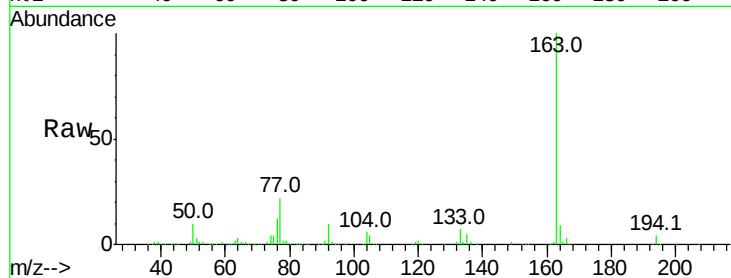
Tot Ion:163 Resp: 509989

Ion Ratio Lower Upper

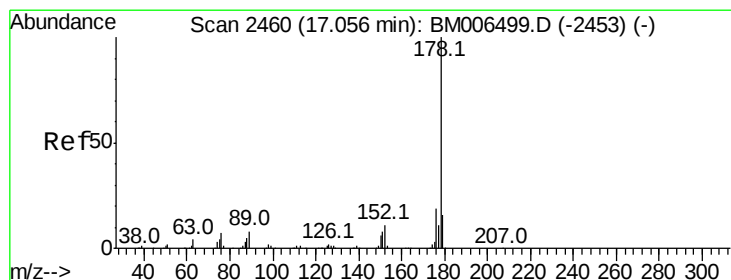
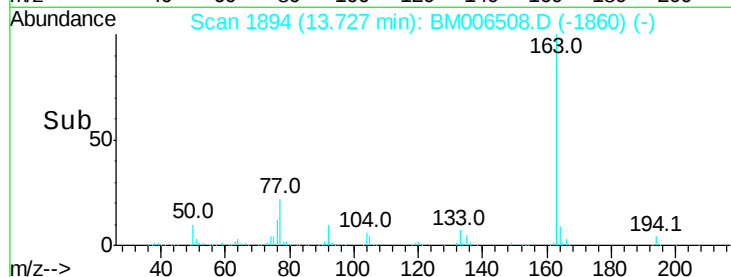
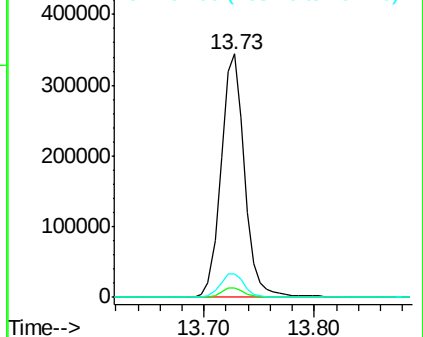
163 100

194 3.8 3.4 5.0

164 9.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.00 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

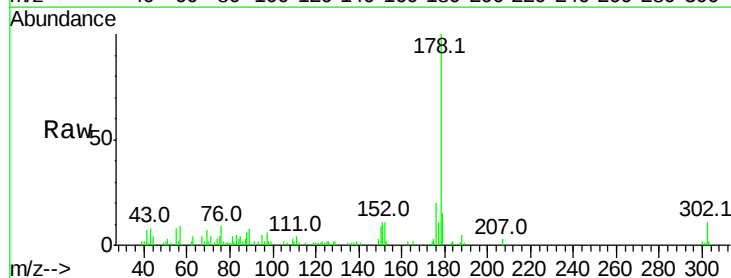
Tgt Ion:178 Resp: 49900

Ion Ratio Lower Upper

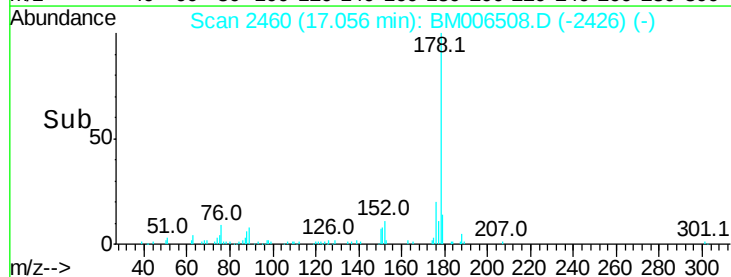
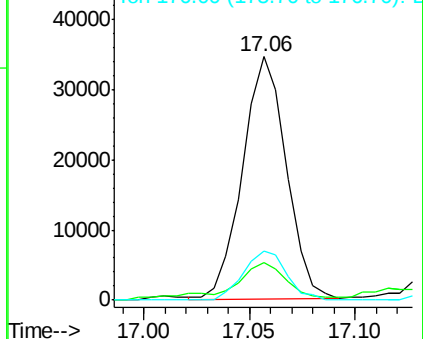
178 100

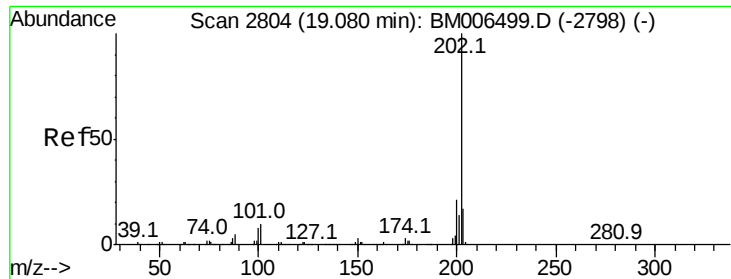
179 15.2 11.9 17.9

176 20.3 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.02 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM006508.D

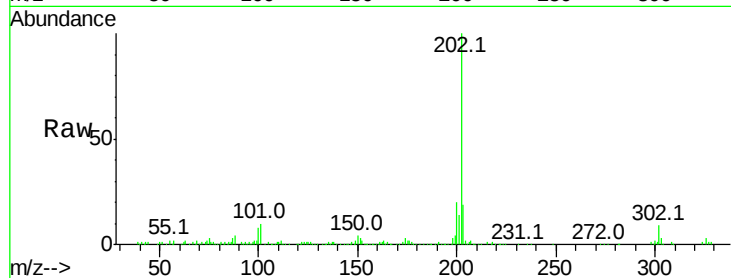
Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

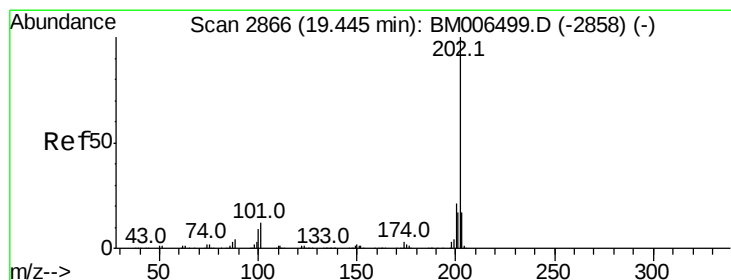
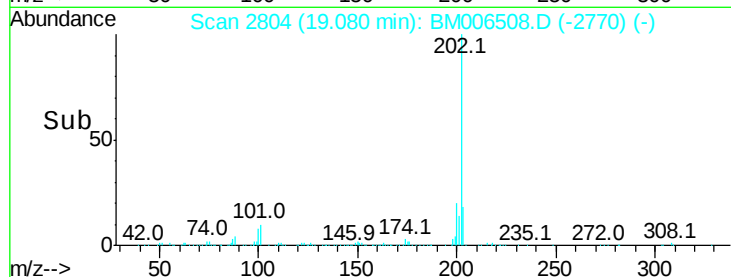
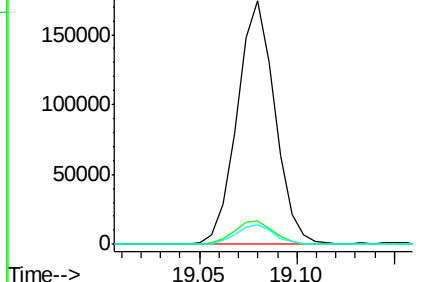
Tot Ion:	202	Resp:	232617
Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
100	7.8	6.4	9.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 3.54 ng/ul

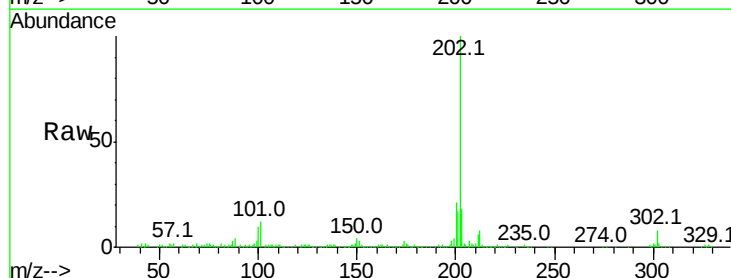
RT: 19.44 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

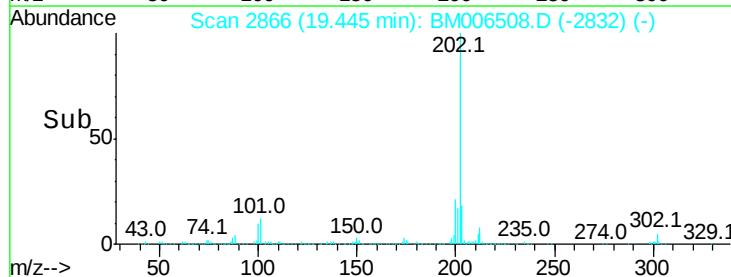
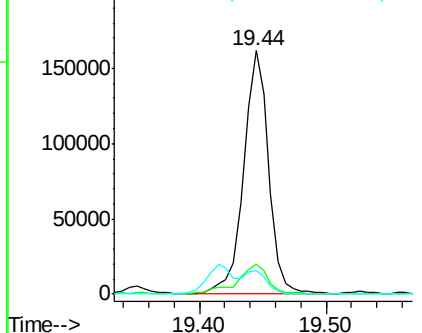
Tgt Ion:	202	Resp:	219251
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.8	7.9	11.9

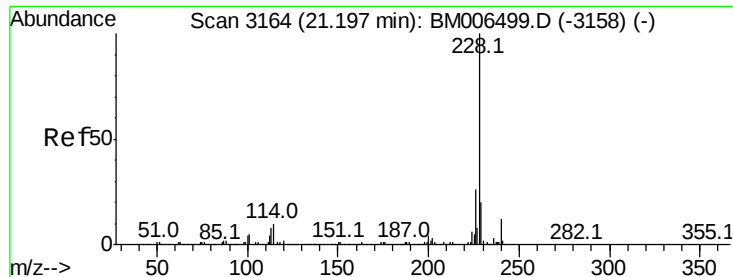


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.65 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

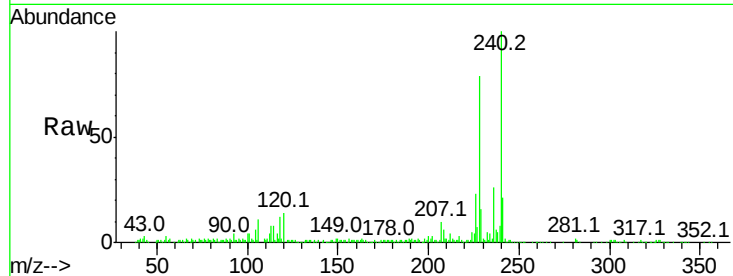
Tot Ion:228 Resp: 168209

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	28.8	21.4	32.2

228 100

229 19.9 15.6 23.4

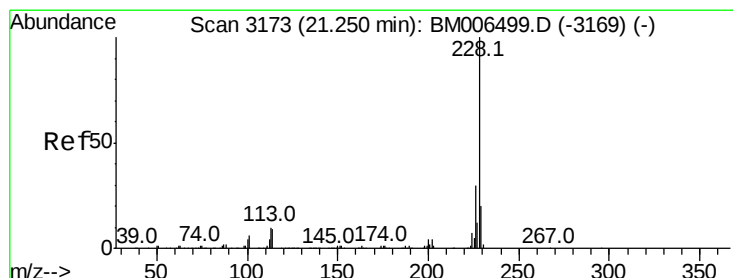
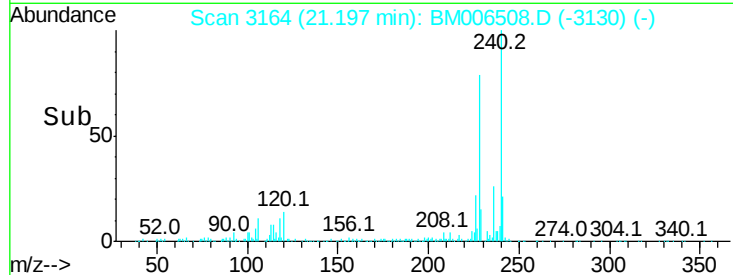
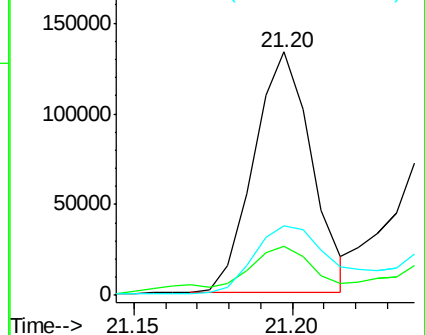
226 28.8 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 3.18 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

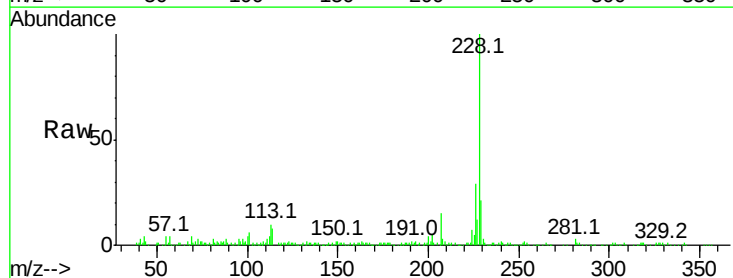
Tgt Ion:228 Resp: 189453

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	21.5	15.8	23.8

228 100

226 29.2 23.3 34.9

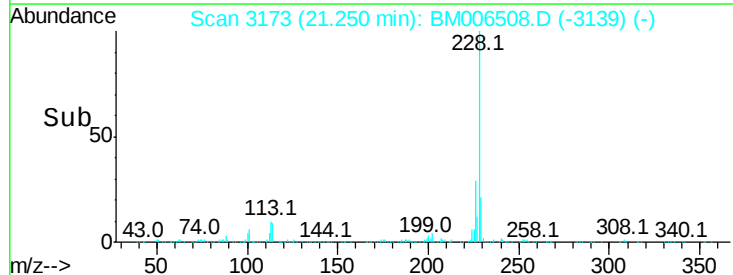
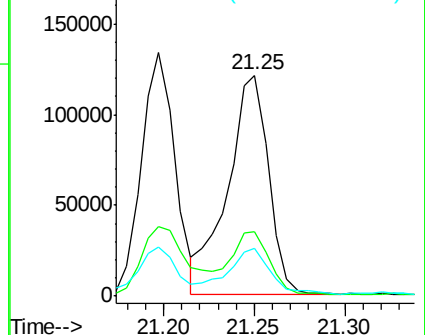
229 21.5 15.8 23.8

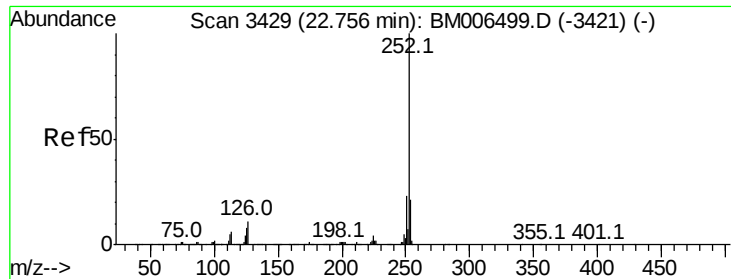


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.08 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM006508.D

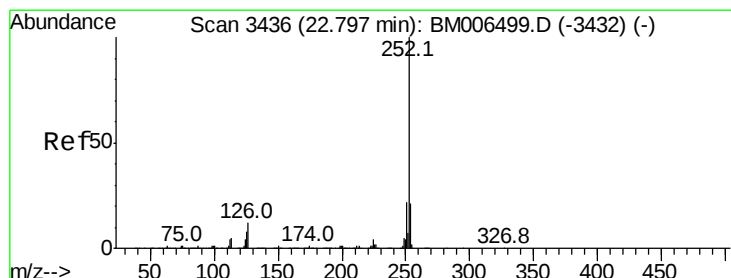
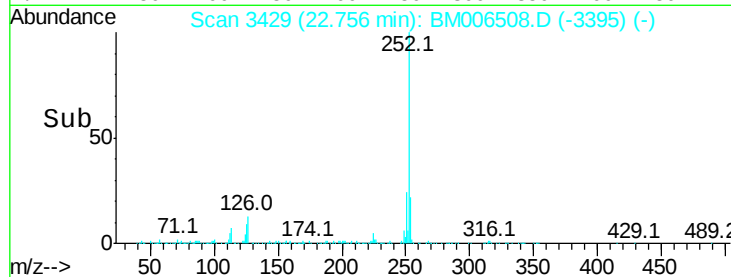
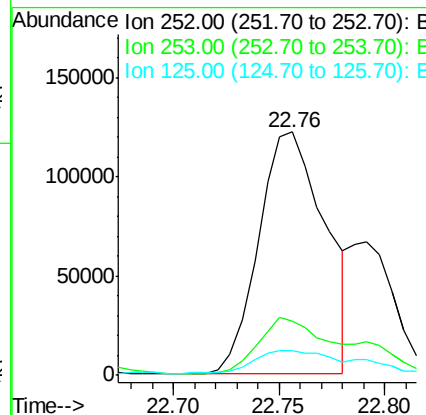
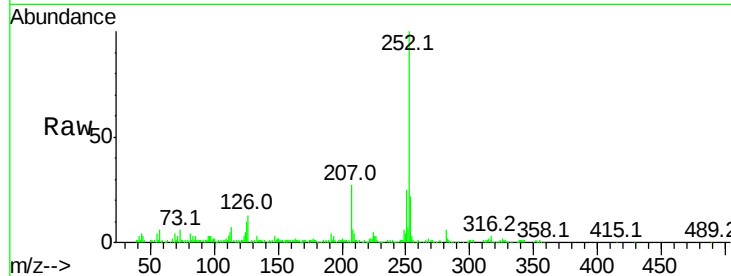
Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	266964
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.4 26.2
125	10.2	6.7 10.1#



#86

Benzo(k)fluoranthene

Concen: 4.34 ng/ul

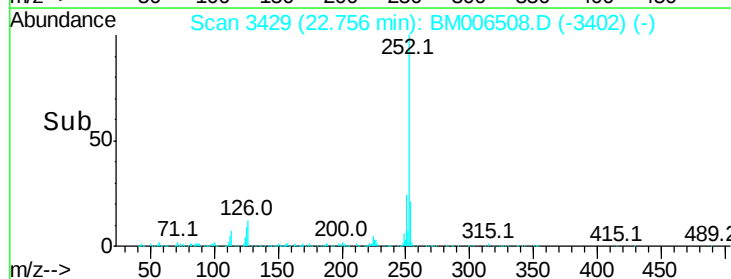
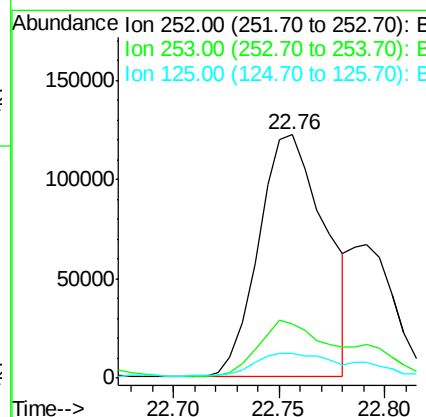
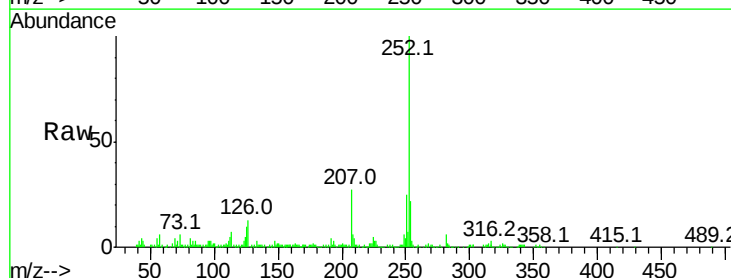
RT: 22.76 min Scan# 3429

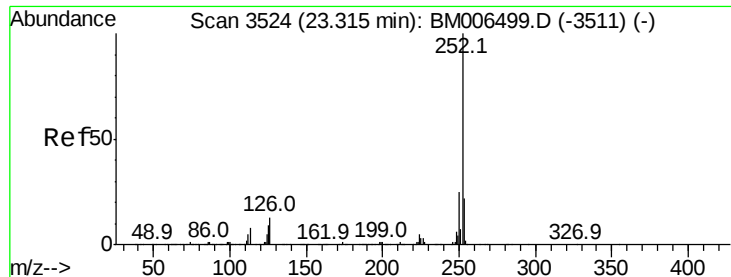
Delta R.T. -0.04 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Tgt Ion:252	Resp:	266964
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.3 25.9
125	10.2	7.0 10.4





#88

Benzo(a)pyrene

Concen: 3.22 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

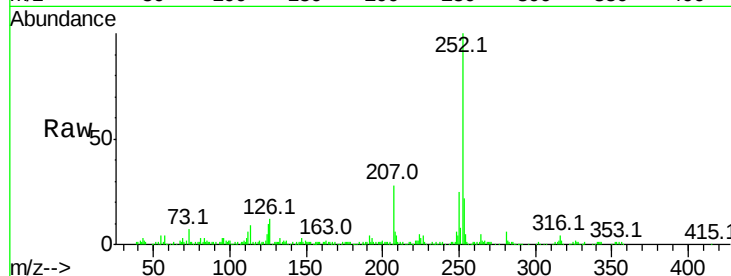
Tot Ion:252 Resp: 201561

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

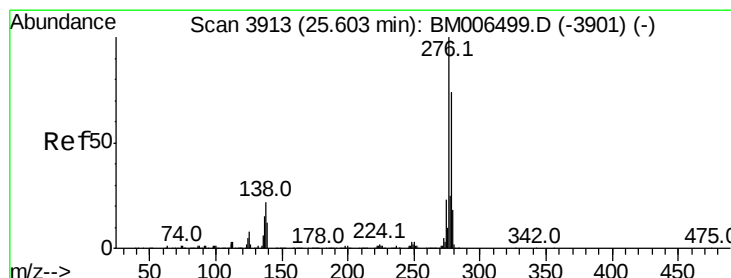
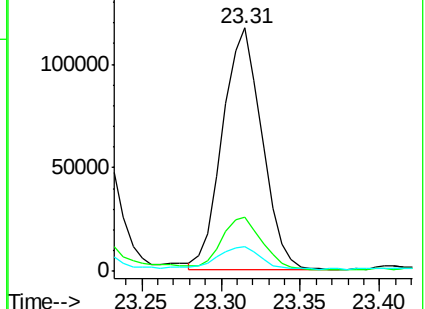
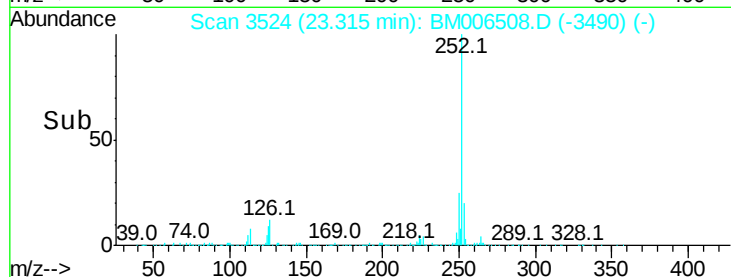
125 10.1 7.6 11.4



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.83 ng/ul

RT: 25.60 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

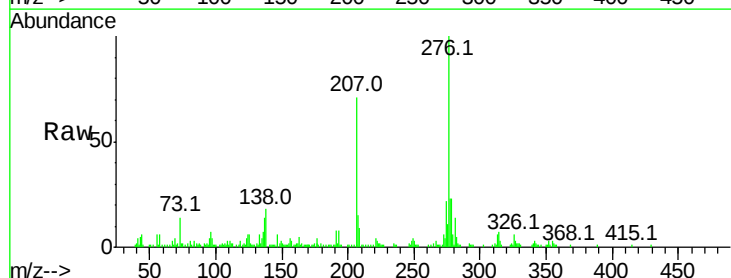
Tgt Ion:276 Resp: 133242

Ion Ratio Lower Upper

276 100

138 17.8 17.8 26.6

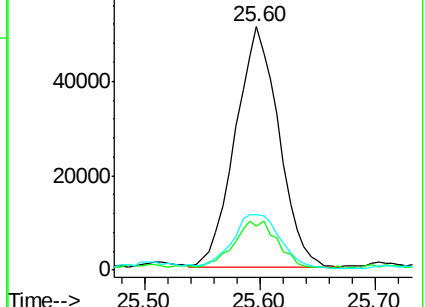
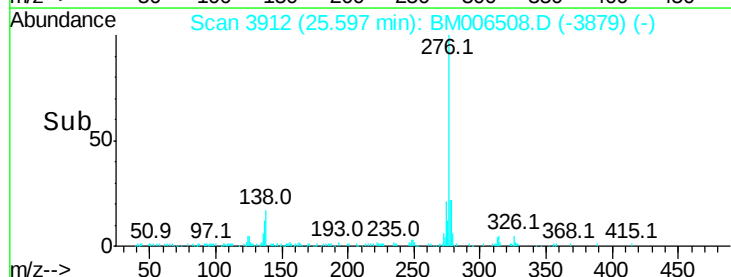
277 22.8 20.1 30.1

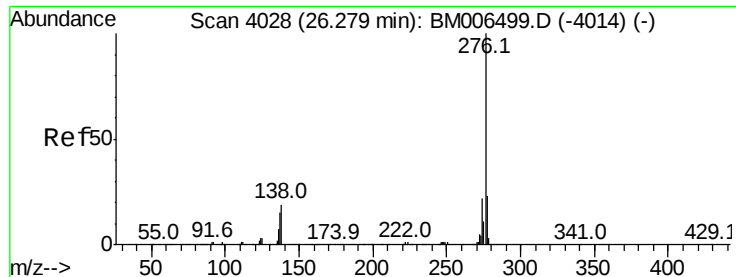


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

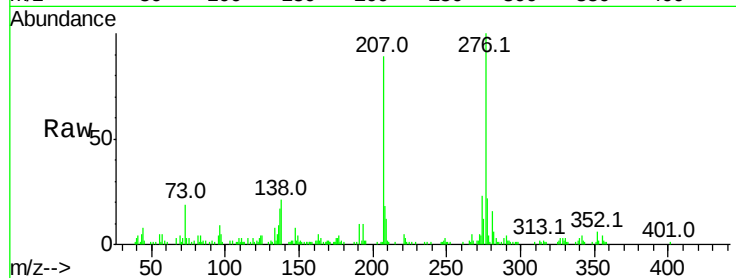




#91
 Benzo(a,h,i)perylene
 Concen: 1.89 ng/ul
 RT: 26.27 min Scan# 4027
 Delta R.T. -0.01 min
 Lab File: BM006508.D
 Acq: 17 Jul 2016 09:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.0	22.4
277	21.5	19.0	28.4



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

