

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007096.D
 Acq On : 14 Aug 2016 08:00
 Operator : UM/SJ
 Sample : H4387-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

Quant Time: Aug 15 10:25:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	317390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1293053	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	740929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1725398	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2117349	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2373833	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	13824	1.90	ng/uL	0.00
5) Phenol-d5	6.97	99	338342	13.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	212682	14.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	265442	12.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	251996	11.91	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	141760	15.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	162668	16.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	311162	14.80	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	227759	9.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	877885	14.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1014367	13.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	187010	17.04	ng/ul	0.00
57) Fluorene-d10	15.43	176	808005	15.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	153289	16.08	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1611248	20.16	ng/ul	0.00
76) Pyrene-d10	19.57	212	2192970	24.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2678499	24.67	ng/ul	0.00

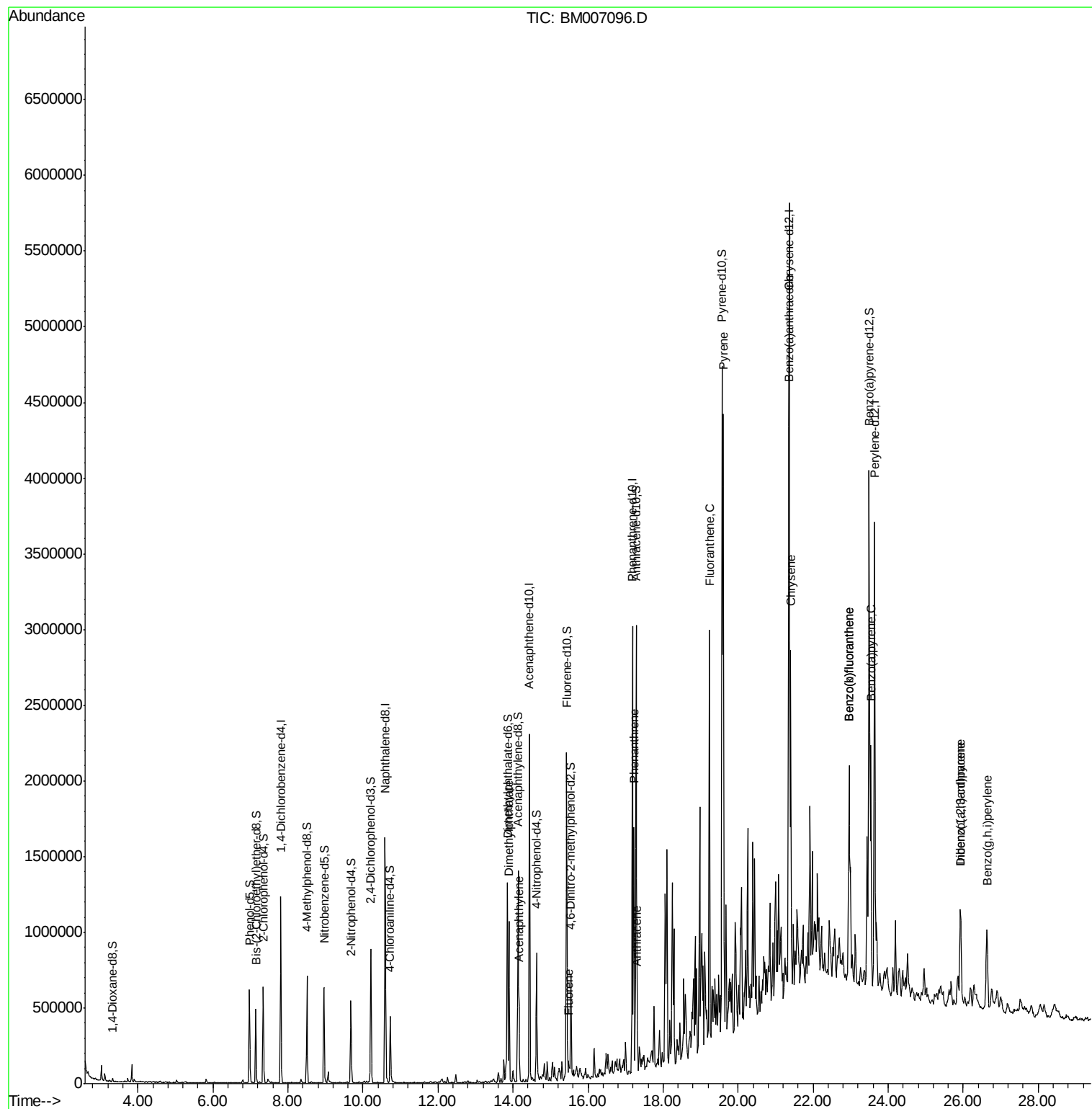
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.90	163	593191	9.69	ng/ul	99
47) Acenaphthylene	14.16	152	313831	4.15	ng/ul	99
58) Fluorene	15.49	166	64526	1.10	ng/ul#	93
69) Phenanthrene	17.22	178	978915	10.55	ng/ul	100
71) Anthracene	17.32	178	252570	2.65	ng/ul	98
74) Fluoranthene	19.24	202	1475391	13.11	ng/ul	99
77) Pyrene	19.60	202	2388981	20.41	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1121384	8.96	ng/ul	93
82) Chrysene	21.40	228	1277674	11.18	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	1580213	11.05	ng/ul	97
86) Benzo(k)fluoranthene	22.96	252	1580310	11.77	ng/ul	98
88) Benzo(a)pyrene	23.54	252	1075847	7.94	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	677749	4.08	ng/ul	100
90) Dibenzo(a,h)anthracene	25.94	278	197188	1.41	ng/ul#	90
91) Benzo(g,h,i)perylene	26.63	276	709069	5.05	ng/ul	99

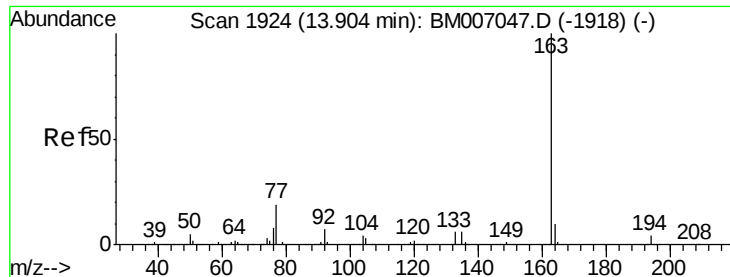
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007096.D
Acq On : 14 Aug 2016 08:00
Operator : UM/SJ
Sample : H4387-02
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS001-2430-01

Quant Time: Aug 15 10:25:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.69 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

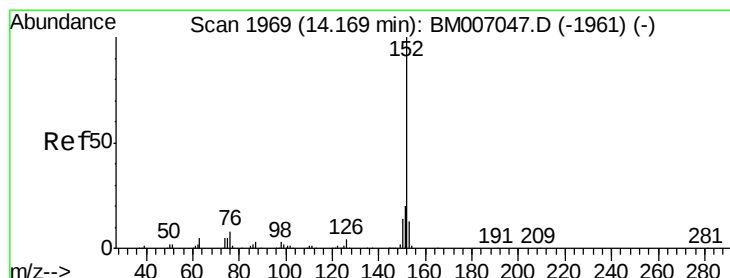
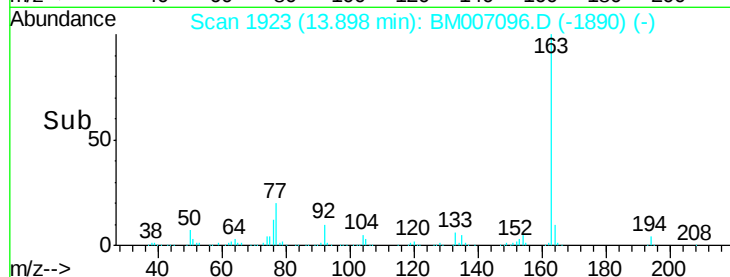
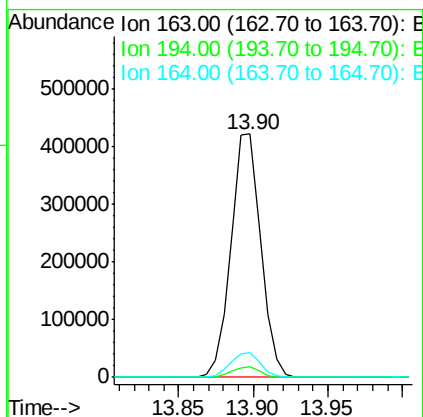
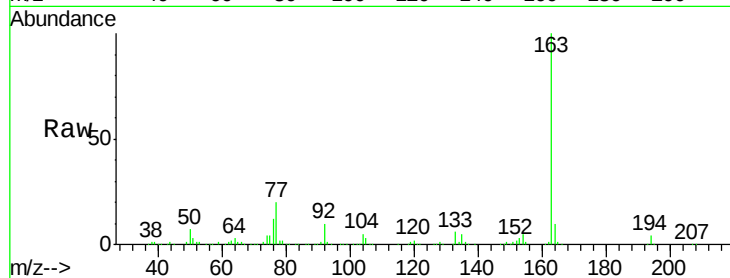
Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

Tgt Ion:	163	Resp:	593191
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.1	7.8	11.8



#47

Acenaphthylene

Concen: 4.15 ng/ul

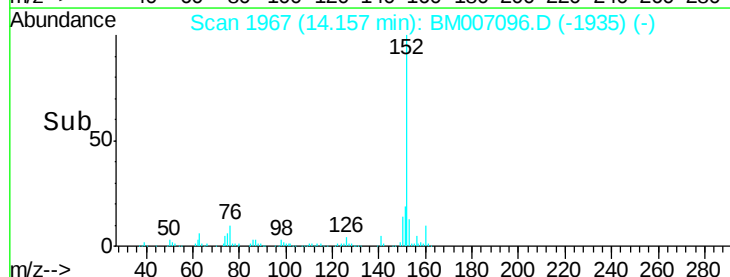
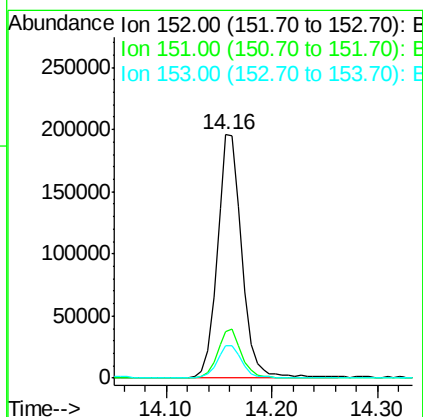
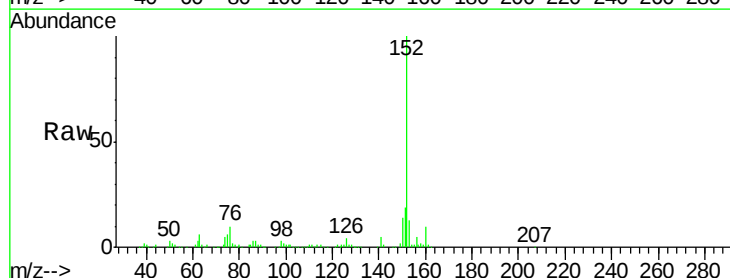
RT: 14.16 min Scan# 1967

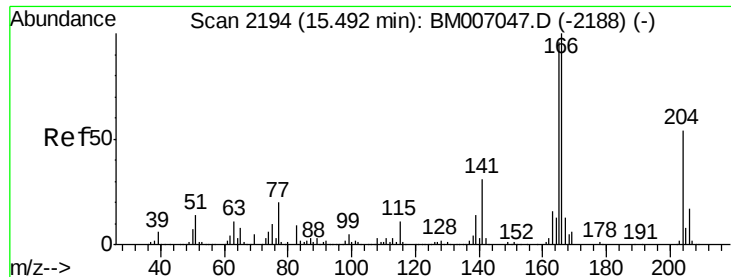
Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Tgt Ion:	152	Resp:	313831
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.0	24.0
153	13.4	11.0	16.6





#58

Fluorene

Concen: 1.10 ng/ul

RT: 15.49 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

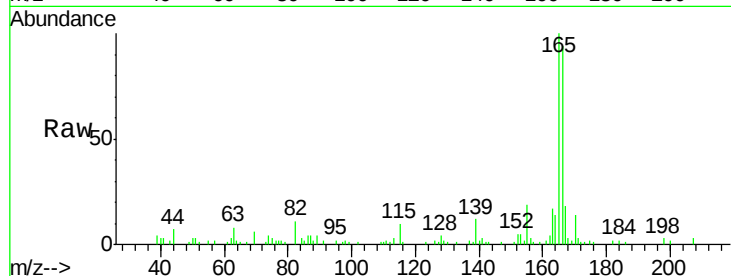
Tgt Ion:166 Resp: 64526

Ion Ratio Lower Upper

166 100

165 105.8 79.9 119.9

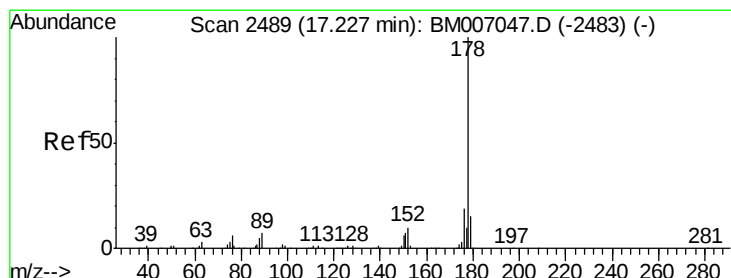
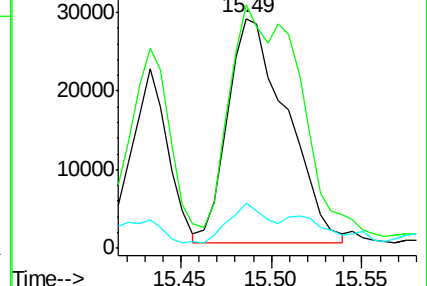
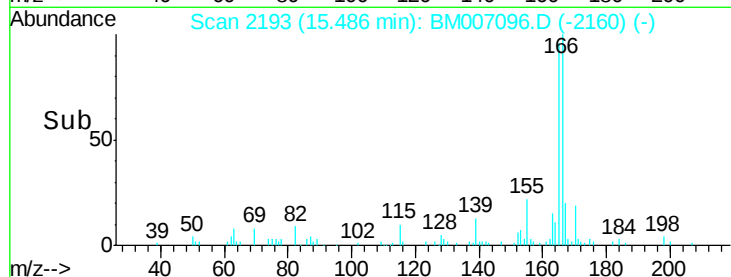
167 19.4 10.5 15.7#



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



#69

Phenanthrene

Concen: 10.55 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

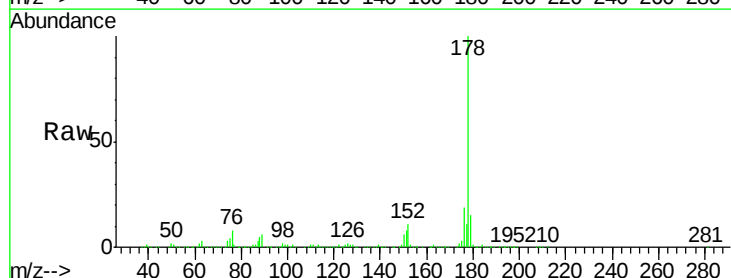
Tgt Ion:178 Resp: 978915

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

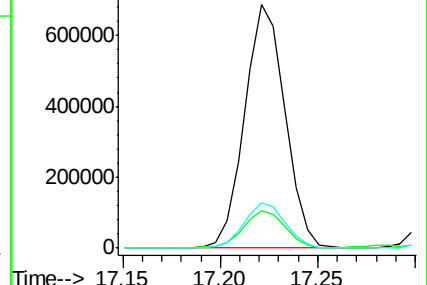
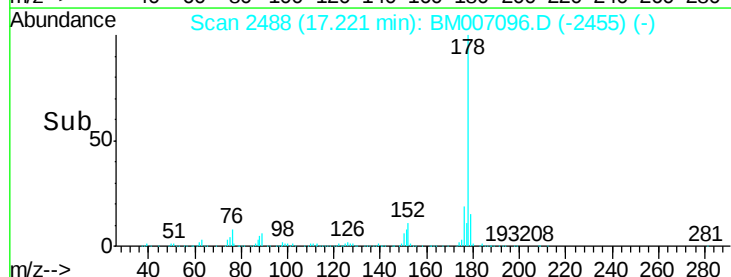
176 18.8 15.1 22.7

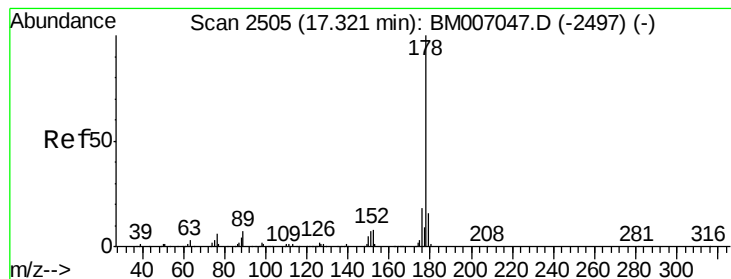


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.65 ng/ul

RT: 17.32 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

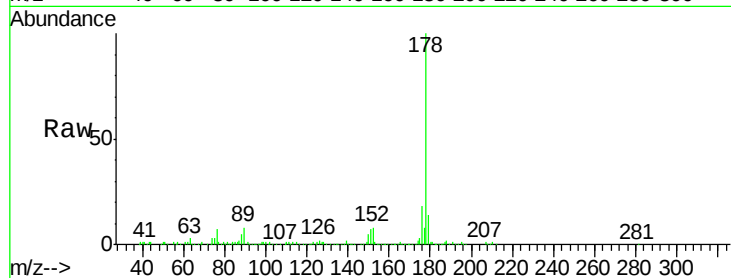
Tgt Ion:178 Resp: 252570

Ion Ratio Lower Upper

178 100

179 14.0 12.1 18.1

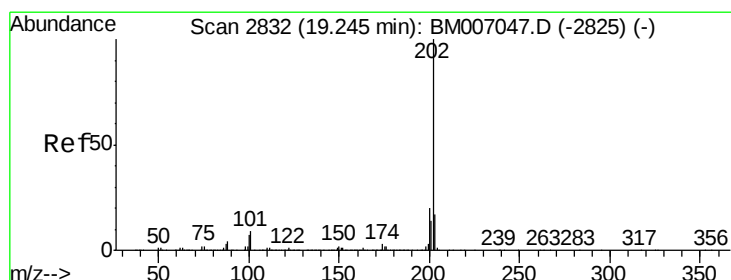
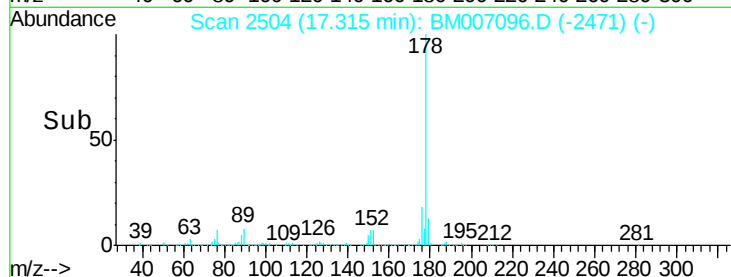
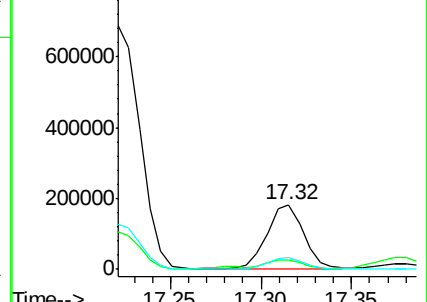
176 17.7 14.5 21.7



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: 13.11 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

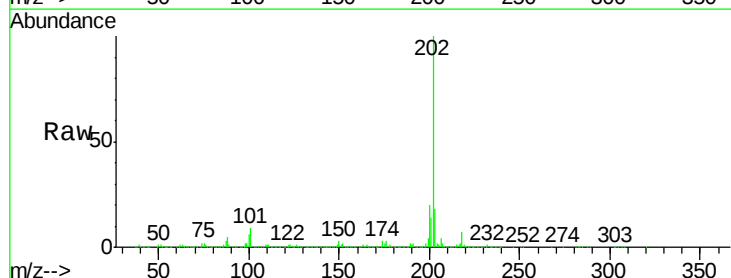
Tgt Ion:202 Resp: 1475391

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

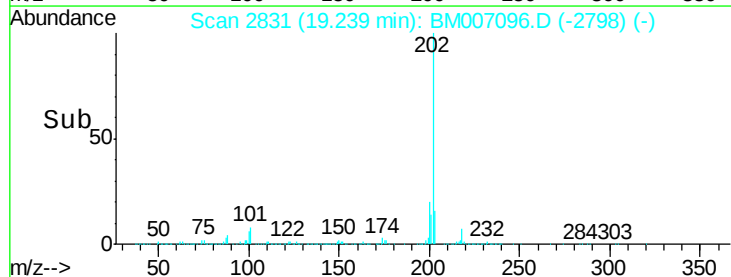
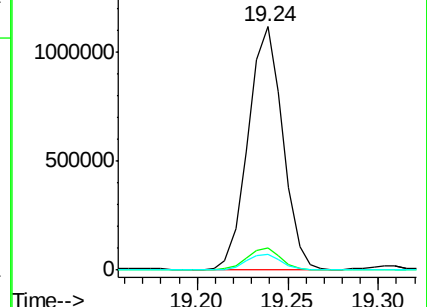
100 6.4 5.4 8.0

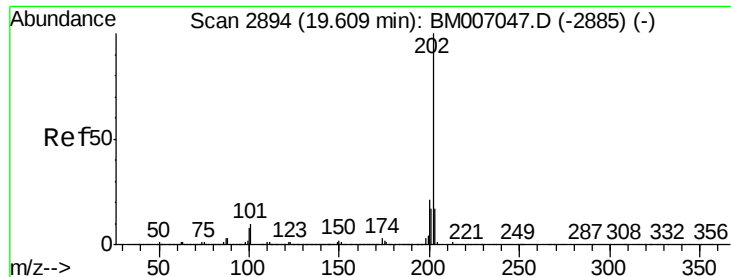


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

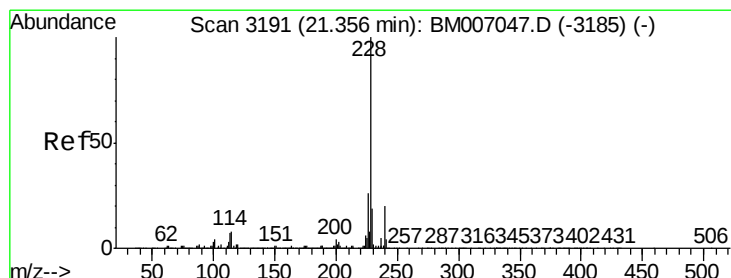
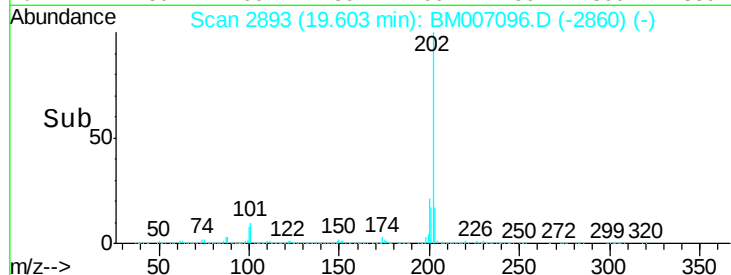
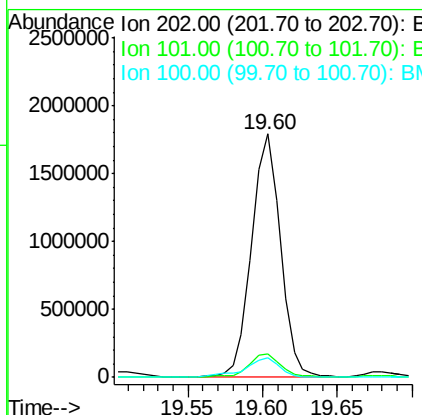
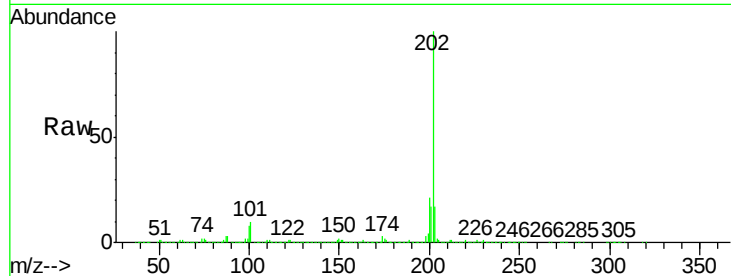




#77
 Pyrene
 Concen: 20.41 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

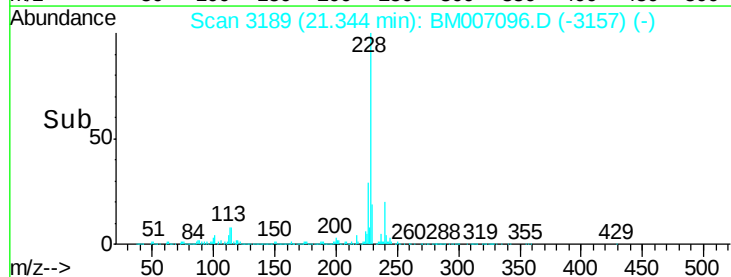
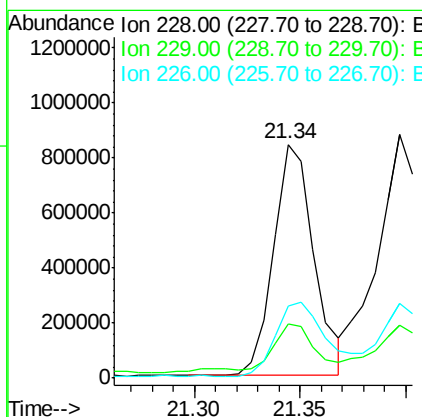
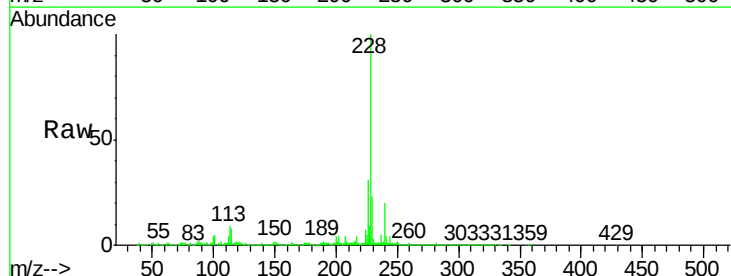
Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

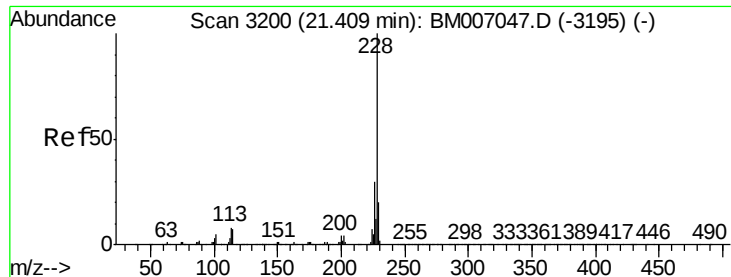
Tgt Ion:202 Resp: 2388981
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.4 12.6
 100 7.9 6.9 10.3



#80
 Benzo(a)anthracene
 Concen: 8.96 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Tgt Ion:228 Resp: 1121384
 Ion Ratio Lower Upper
 228 100
 229 23.0 15.6 23.4
 226 30.6 21.8 32.8





#82

Chrysene

Concen: 11.18 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

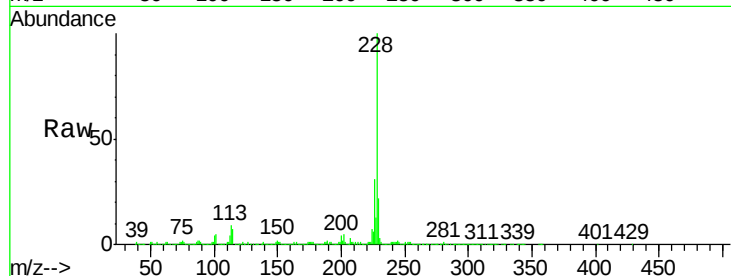
Tgt Ion:228 Resp: 1277674

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

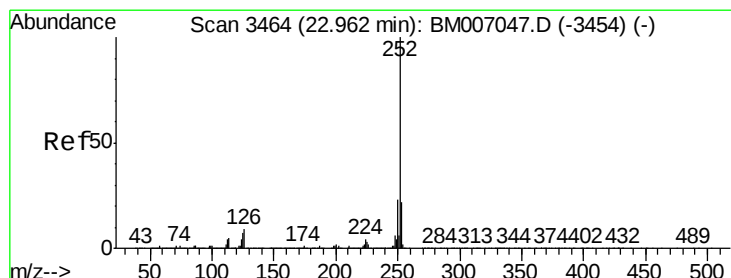
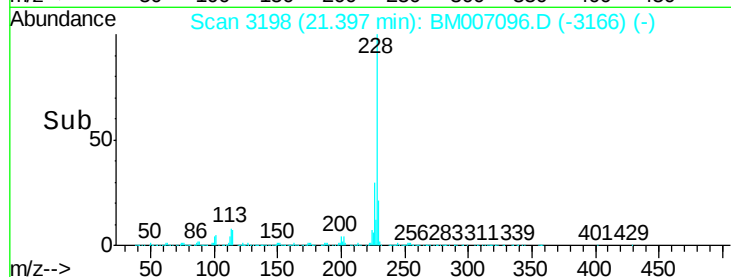
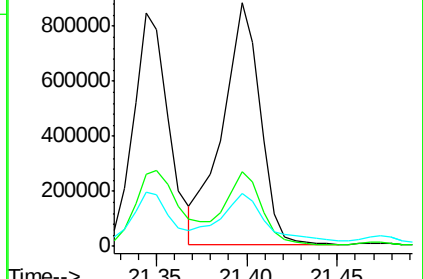
229 22.0 15.5 23.3



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: 11.05 ng/ul

RT: 22.96 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

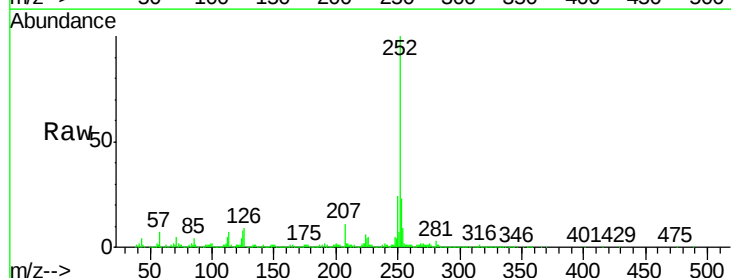
Tgt Ion:252 Resp: 1580213

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

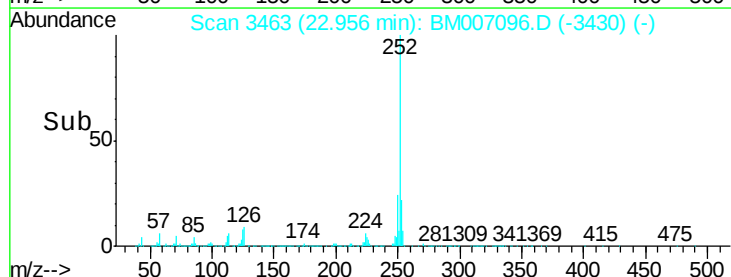
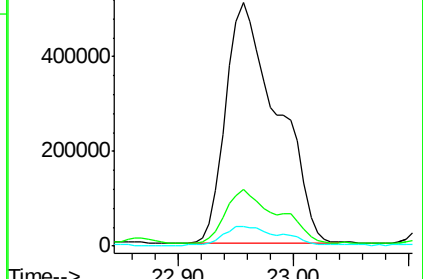
125 8.1 5.8 8.8

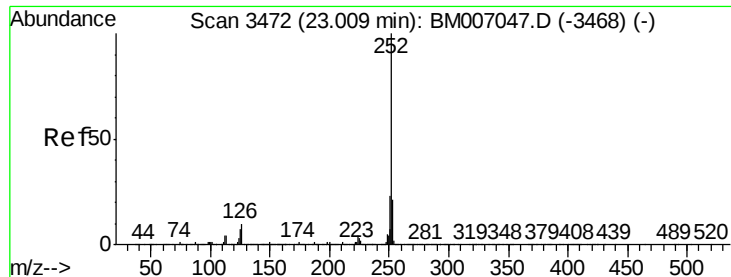


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 11.77 ng/ul

RT: 22.96 min Scan# 3463

Delta R.T. -0.05 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

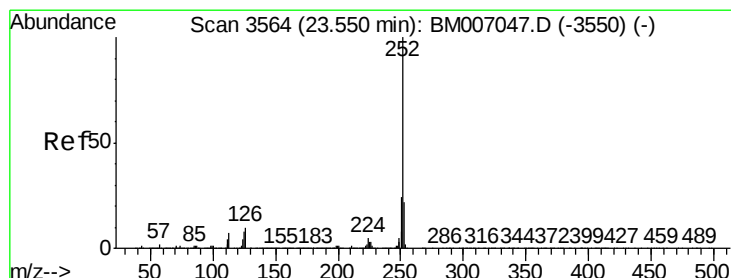
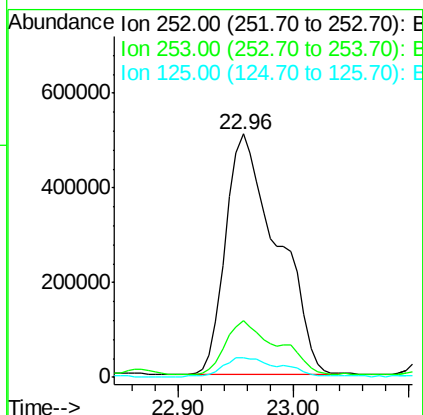
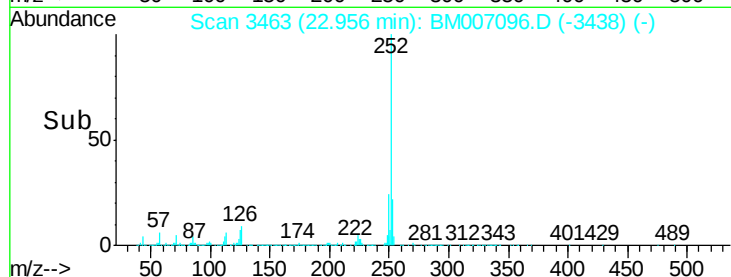
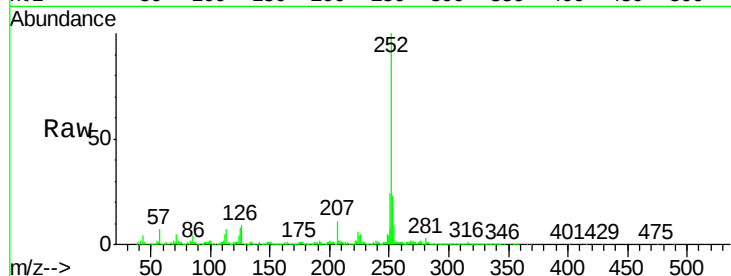
Tgt Ion:252 Resp: 1580310

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 8.1 5.7 8.5



#88

Benzo(a)pyrene

Concen: 7.94 ng/ul

RT: 23.54 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

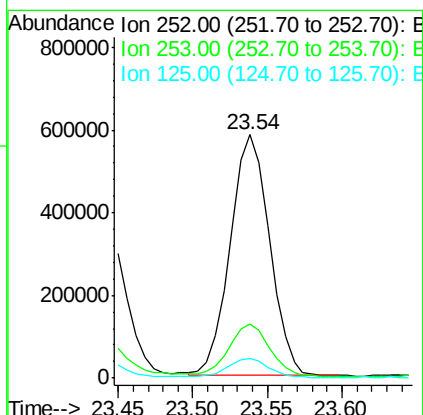
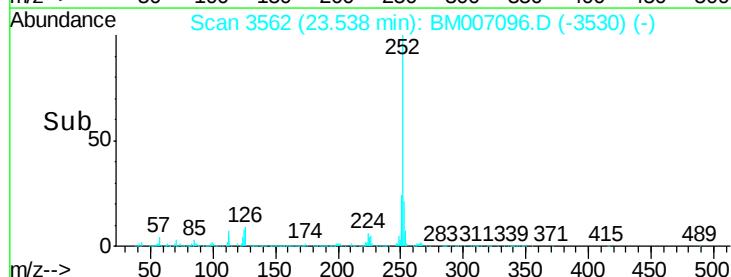
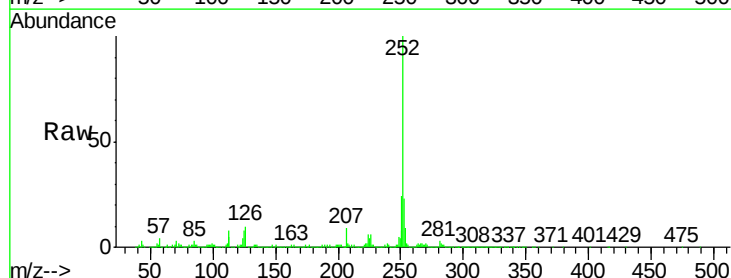
Tgt Ion:252 Resp: 1075847

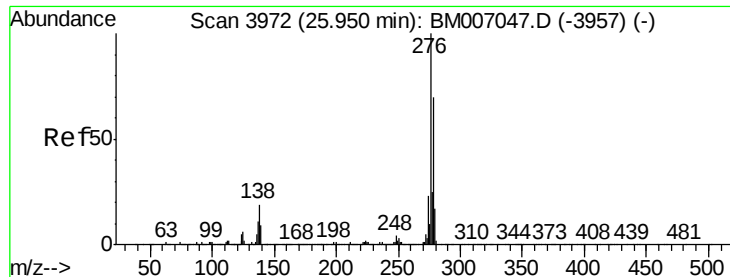
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 8.2 6.6 9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.08 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

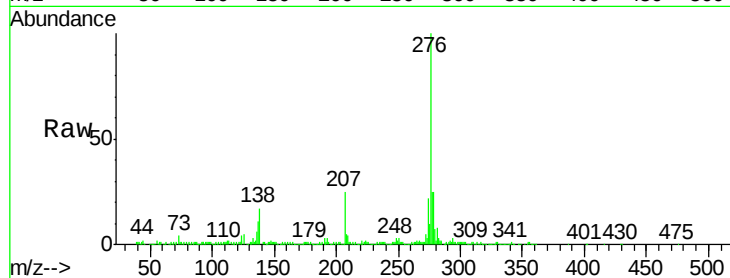
Tgt Ion:276 Resp: 677749

Ion Ratio Lower Upper

276 100

138 17.2 13.9 20.9

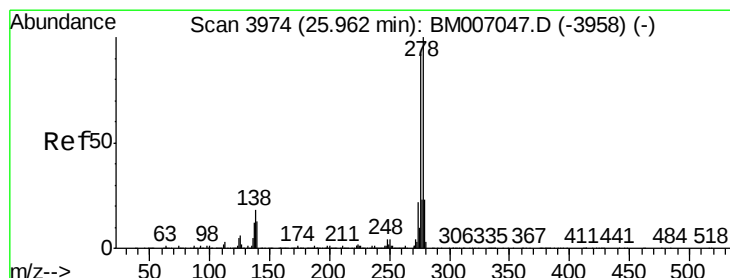
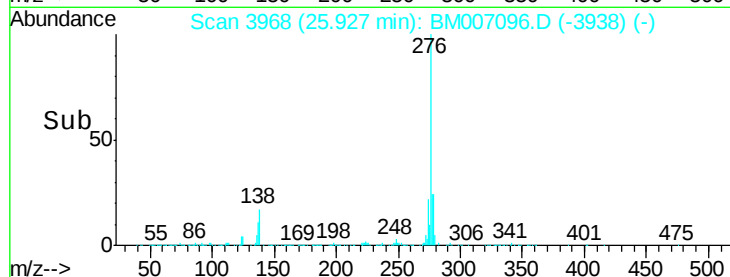
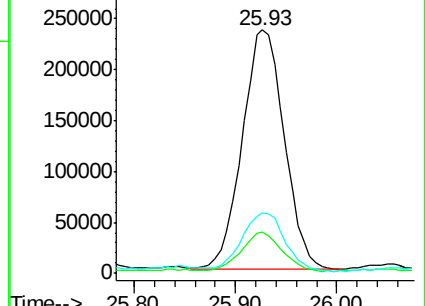
277 25.1 20.1 30.1



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



#90

Dibenzo(a,h)anthracene

Concen: 1.41 ng/ul

RT: 25.94 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

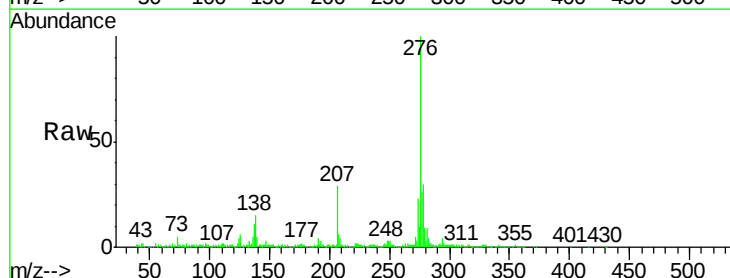
Tgt Ion:278 Resp: 197188

Ion Ratio Lower Upper

278 100

139 15.9 9.5 14.3#

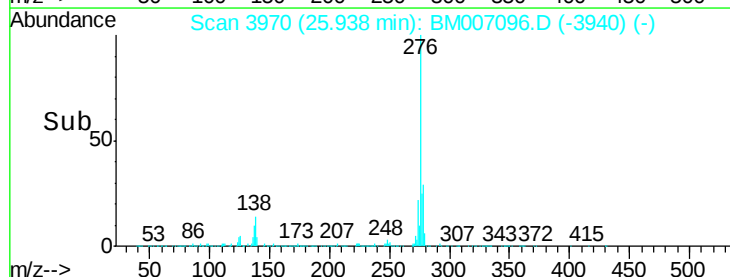
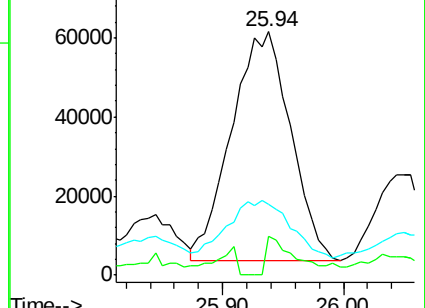
279 29.1 19.1 28.7#

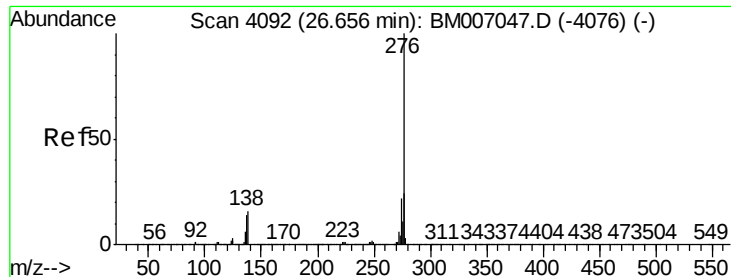


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.05 ng/ul

RT: 26.63 min Scan# 4088

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

Tgt Ion: 276 Resp: 709069

Ion Ratio Lower Upper

276 100

138 16.1 13.5 20.3

277 24.6 19.3 28.9

