

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006929.D
 Acq On : 06 Aug 2016 08:46
 Operator : UM/SJ
 Sample : H4278-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJS9

Quant Time: Aug 08 01:19:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 06 00:33:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	183450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	752139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	436384	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	980241	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1122028	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1109635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2828	0.85	ng/uL	0.00
5) Phenol-d5	6.78	99	245166	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	146781	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	173007	16.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	160749	14.64	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	100854	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	104741	17.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	226741	17.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	205832	15.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	909040	25.29	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1066582	24.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	94765	12.02	ng/ul	0.00
57) Fluorene-d10	15.22	176	794607	23.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	92487	14.46	ng/ul	0.00
70) Anthracene-d10	17.07	188	1201435	25.52	ng/ul	0.00
76) Pyrene-d10	19.37	212	1414640	24.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1374481	25.44	ng/ul	0.00

Target Compounds

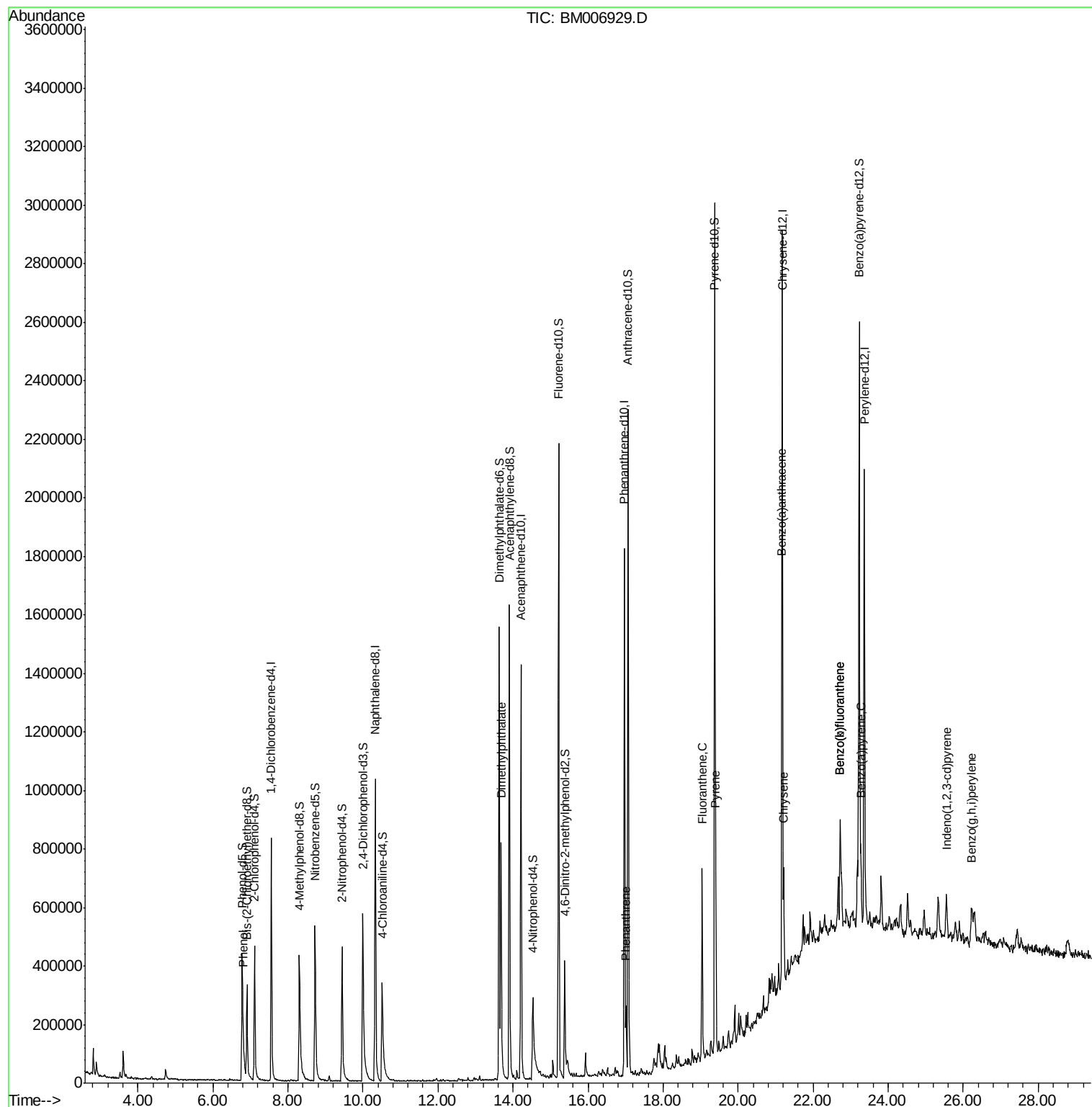
						Qvalue
6) Phenol	6.80	94	18959	1.33	ng/ul#	76
44) Dimethylphthalate	13.68	163	447198	12.52	ng/ul	99
69) Phenanthrene	17.01	178	124965	2.31	ng/ul	99
74) Fluoranthene	19.04	202	393006	5.67	ng/ul#	93
77) Pyrene	19.41	202	381816	5.17	ng/ul#	93
80) Benzo(a)anthracene	21.16	228	206976	3.03	ng/ul	97
82) Chrysene	21.22	228	228651	3.81	ng/ul	94
85) Benzo(b)fluoranthene	22.72	252	307191	4.39	ng/ul#	94
86) Benzo(k)fluoranthene	22.72	252	307191	4.50	ng/ul#	93
88) Benzo(a)pyrene	23.27	252	197670	2.98	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.55	276	136314	1.73	ng/ul	97
91) Benzo(g,h,i)perylene	26.22	276	134351	2.10	ng/ul#	96

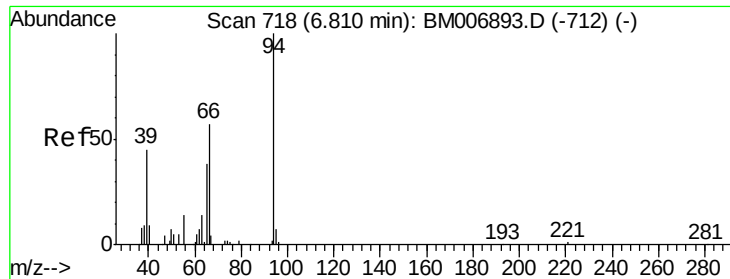
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.33 ng/ul

RT: 6.80 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

ClientSampleId :

BDJS9

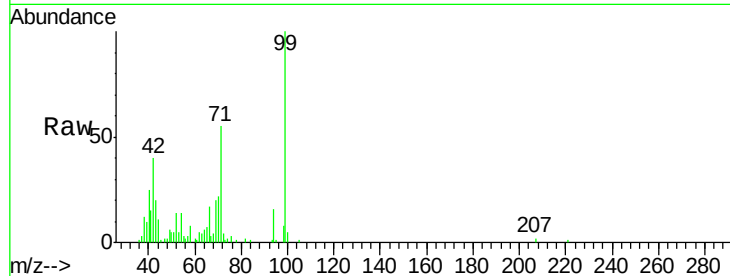
Tgt Ion: 94 Resp: 18959

Ion Ratio Lower Upper

94 100

65 44.4 39.3 58.9

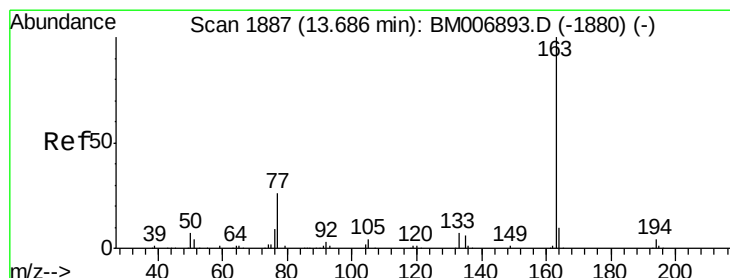
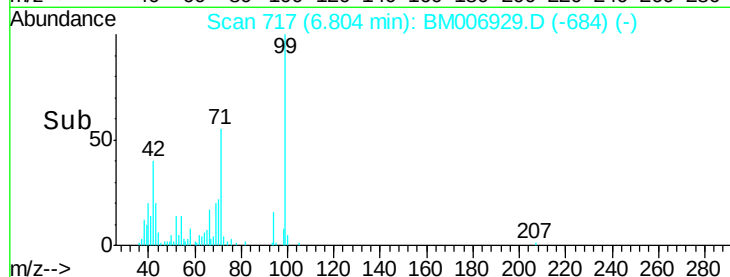
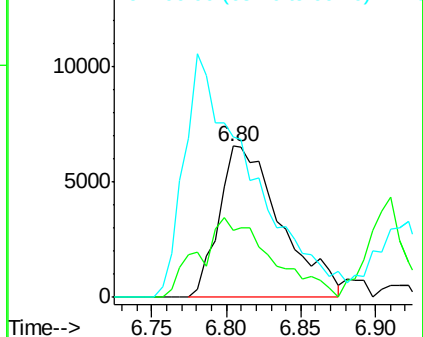
66 106.1 60.7 91.1#



Abundance Ion 94.00 (93.70 to 94.70): BM006893.D (-712) (-)

Ion 65.00 (64.70 to 65.70): BM006893.D (-712) (-)

Ion 66.00 (65.70 to 66.70): BM006893.D (-712) (-)



#44

Dimethylphthalate

Concen: 12.52 ng/ul

RT: 13.68 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

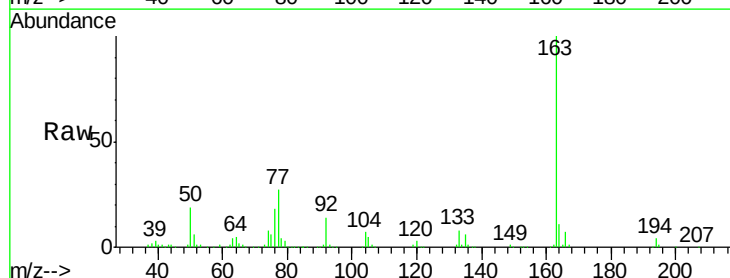
Tgt Ion: 163 Resp: 447198

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

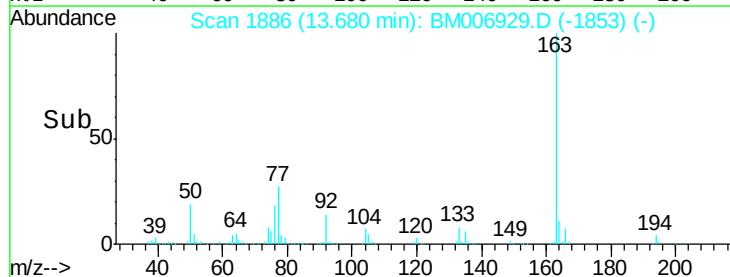
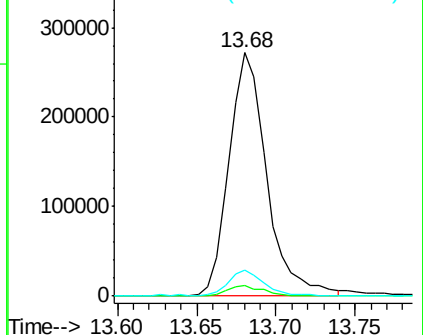
164 10.9 8.6 12.8

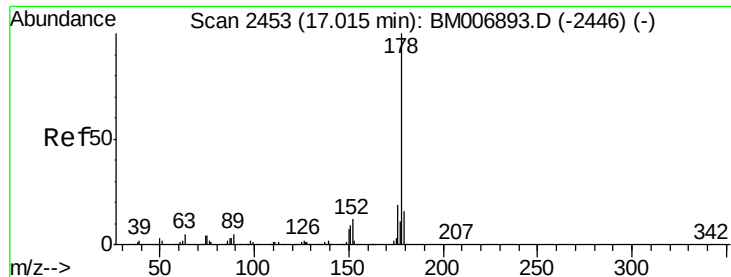


Abundance Ion 163.00 (162.70 to 163.70): BM006893.D (-1880) (-)

Ion 194.00 (193.70 to 194.70): BM006893.D (-1880) (-)

Ion 164.00 (163.70 to 164.70): BM006893.D (-1880) (-)





#69

Phenanthrene

Concen: 2.31 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

ClientSampleId :

BDJS9

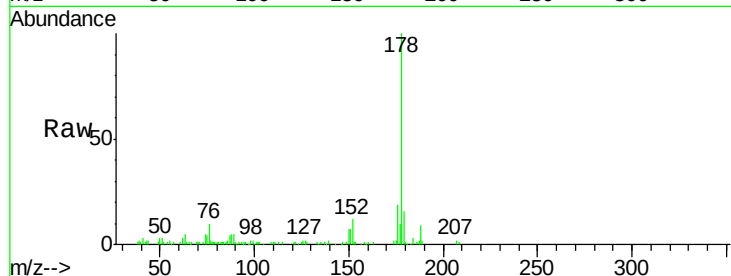
Tgt Ion:178 Resp: 124965

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

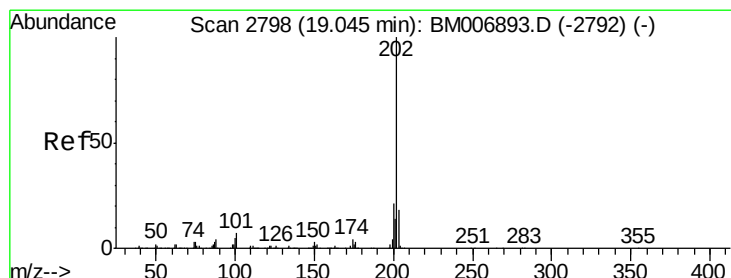
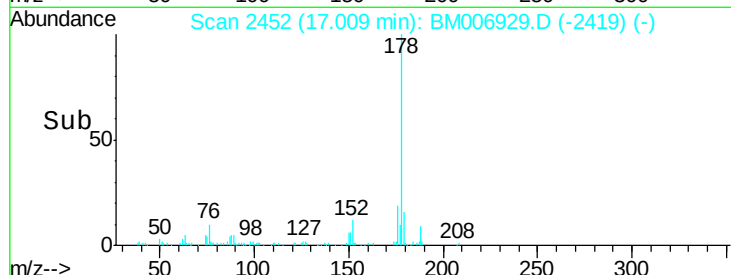
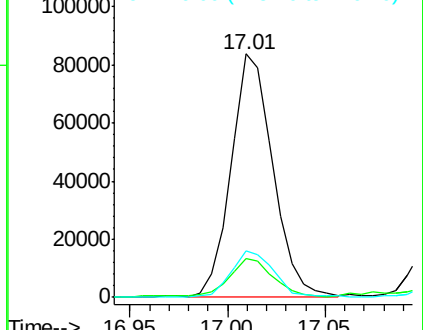
176 19.2 15.2 22.8



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: 5.67 ng/ul

RT: 19.04 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

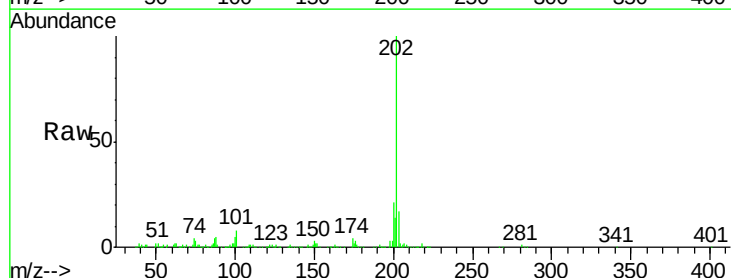
Tgt Ion:202 Resp: 393006

Ion Ratio Lower Upper

202 100

101 8.0 4.1 6.1#

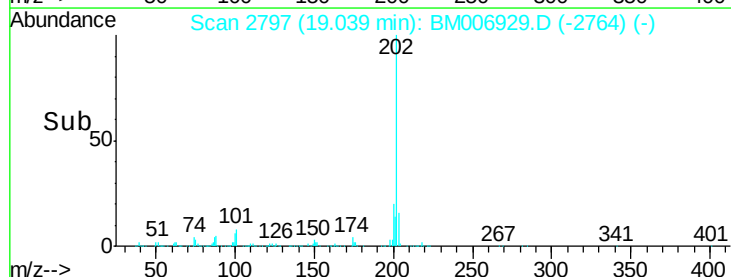
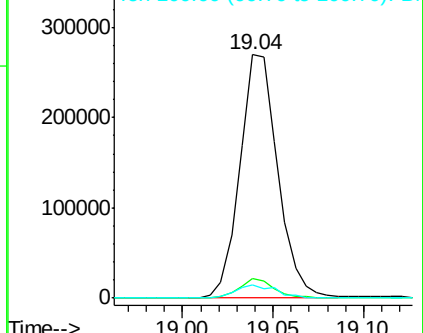
100 5.5 3.0 4.6#

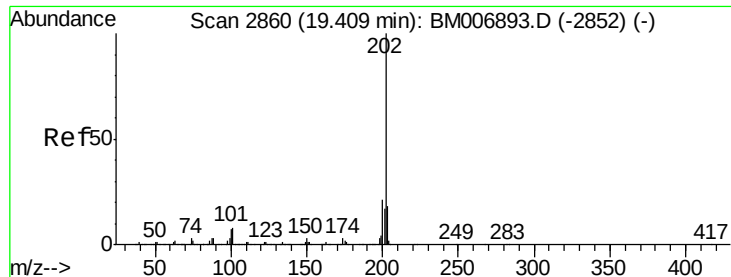


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.17 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

ClientSampleId :

BDJS9

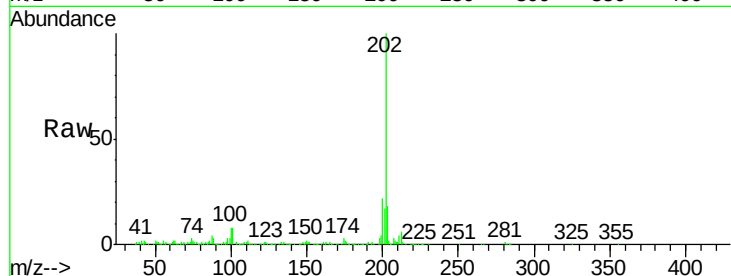
Tgt Ion:202 Resp: 381816

Ion Ratio Lower Upper

202 100

101 8.1 4.6 6.8#

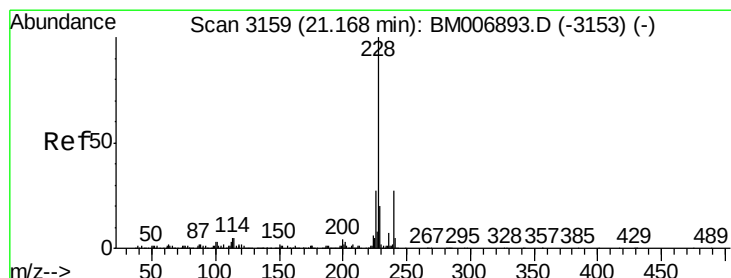
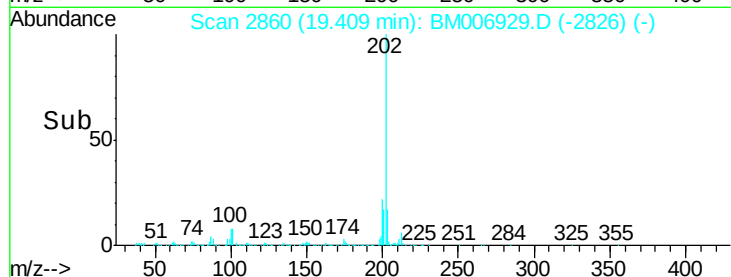
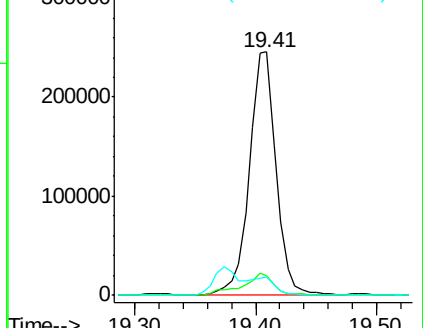
100 7.7 4.5 6.7#



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: 3.03 ng/ul

RT: 21.16 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

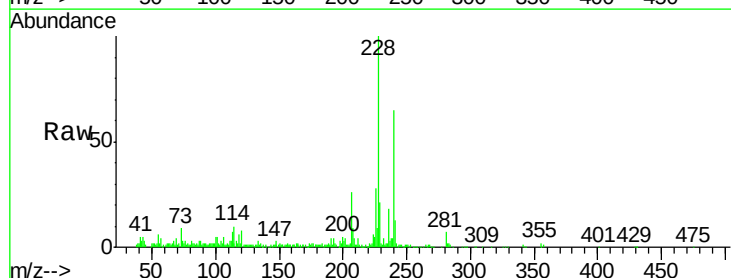
Tgt Ion:228 Resp: 206976

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

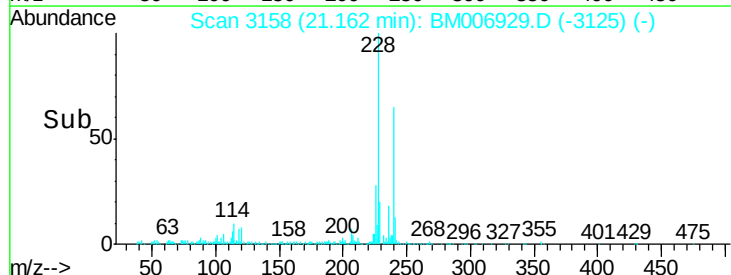
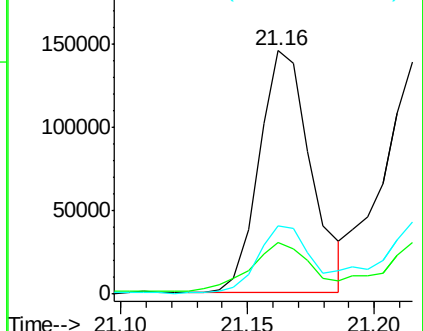
226 28.2 21.3 31.9

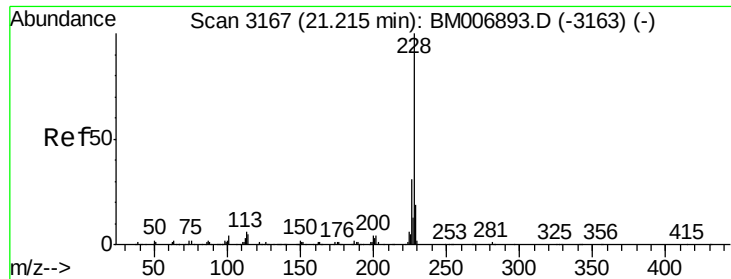


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.81 ng/ul

RT: 21.22 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

ClientSampleId :

BDJS9

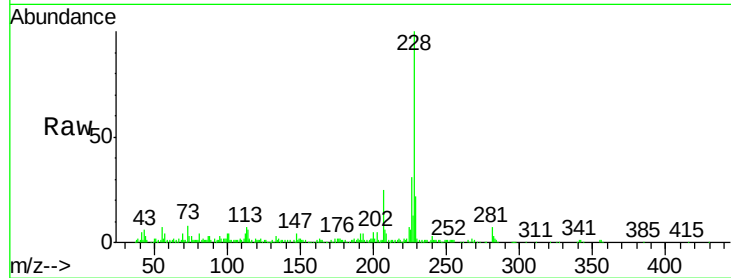
Tgt Ion: 228 Resp: 228651

Ion Ratio Lower Upper

228 100

226 31.3 22.8 34.2

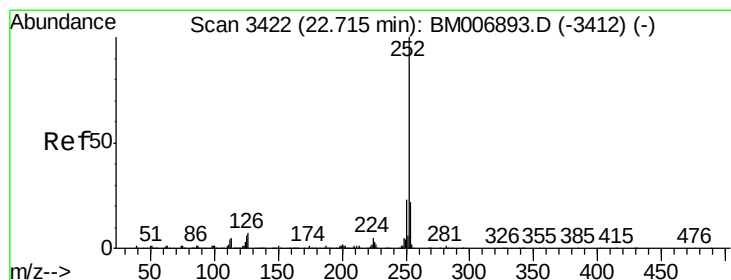
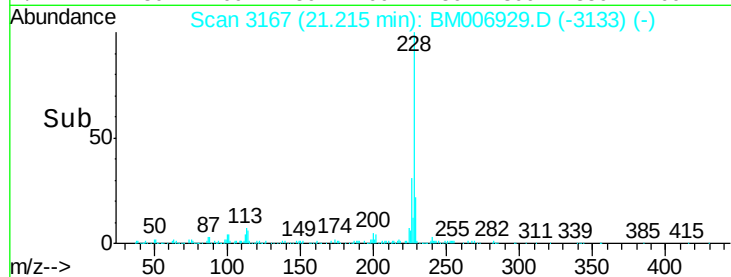
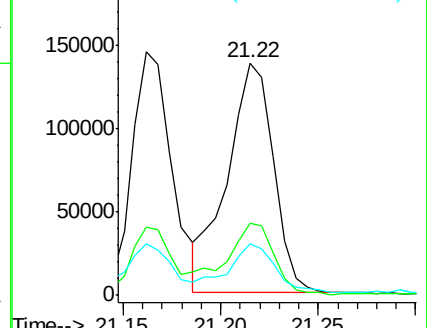
229 22.3 15.4 23.2



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: 4.39 ng/ul

RT: 22.72 min Scan# 3423

Delta R.T. 0.01 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

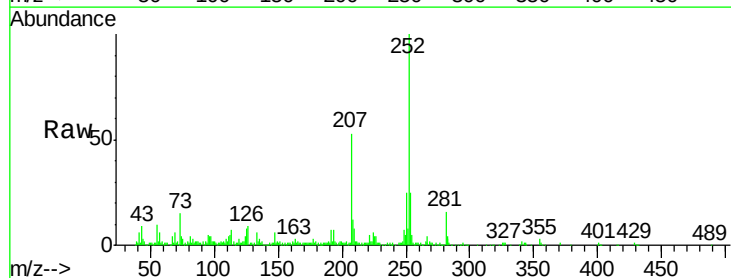
Tgt Ion: 252 Resp: 307191

Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

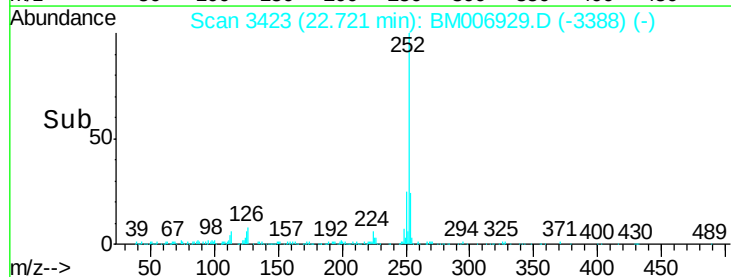
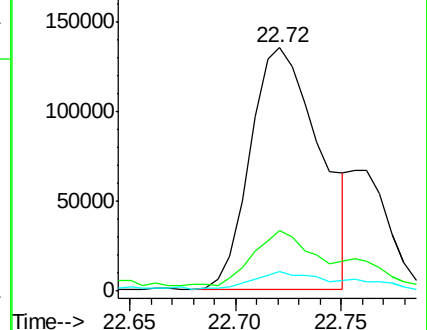
125 7.8 2.9 4.3#

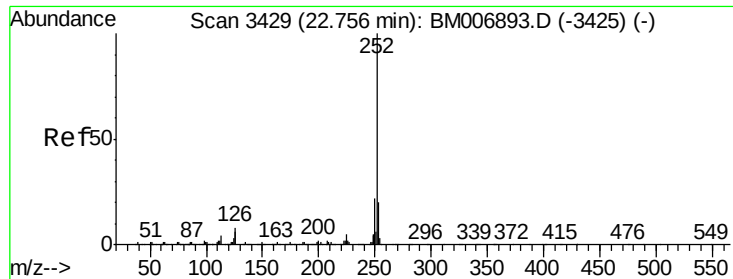


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

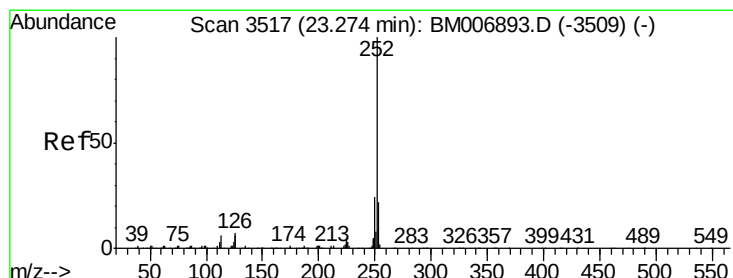
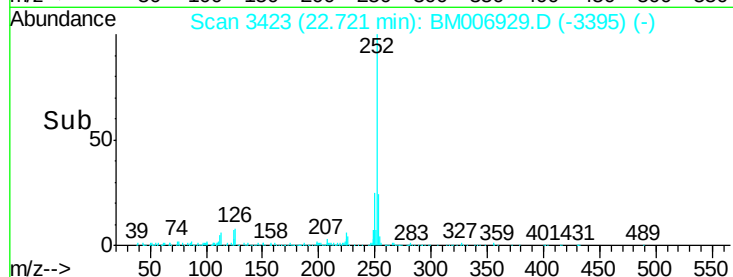
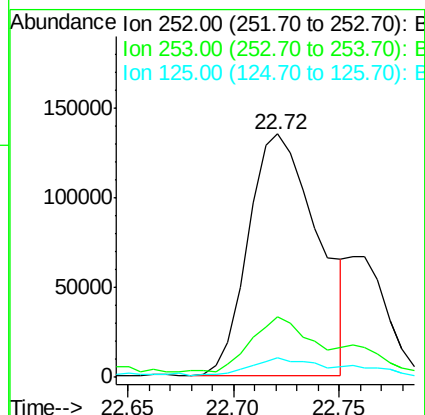
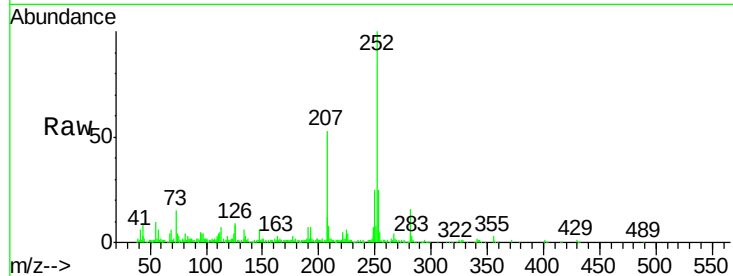




#86
Benzo(k)fluoranthene
Concen: 4.50 ng/ul
RT: 22.72 min Scan# 3423
Delta R.T. -0.04 min
Lab File: BM006929.D
Acq: 06 Aug 2016 08:46

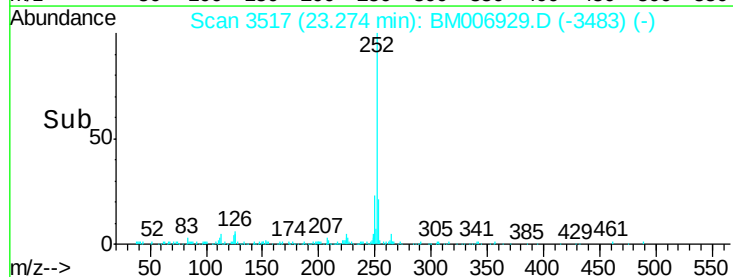
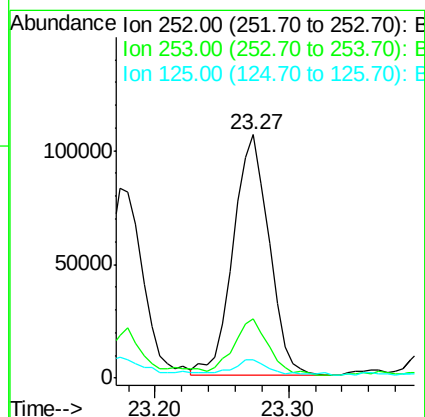
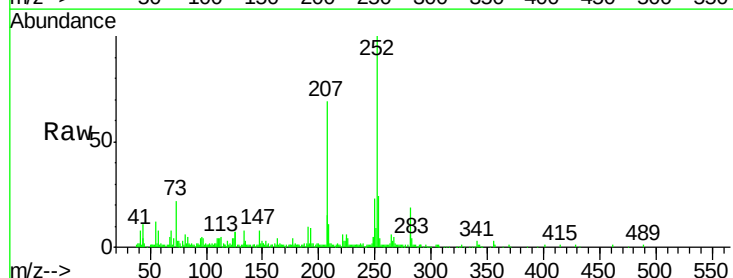
Instrument :
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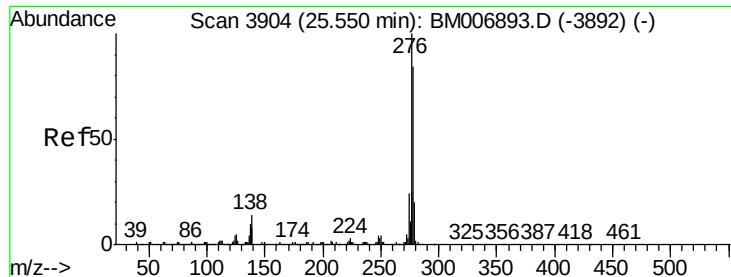
Tgt Ion:252 Resp: 307191
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 7.8 3.0 4.6#



#88
Benzo(a)pyrene
Concen: 2.98 ng/ul
RT: 23.27 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM006929.D
Acq: 06 Aug 2016 08:46

Tgt Ion:252 Resp: 197670
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.4
125 7.5 2.9 4.3#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.73 ng/ul

RT: 25.55 min Scan# 3904

Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

Instrument :

BNA_M

ClientSampleId :

BDJS9

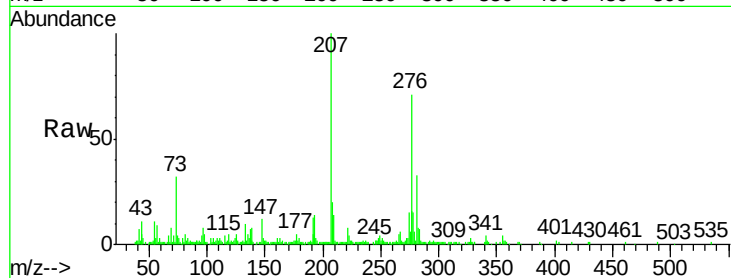
Tgt Ion:276 Resp: 136314

Ion Ratio Lower Upper

276 100

138 11.6 8.5 12.7

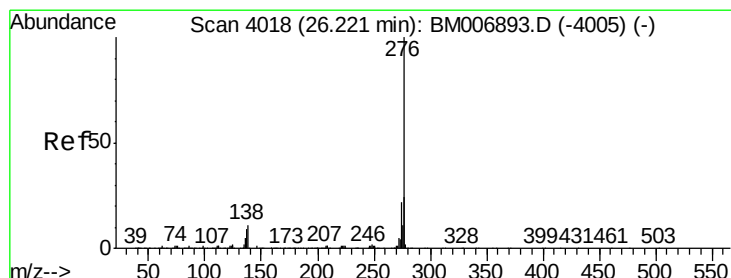
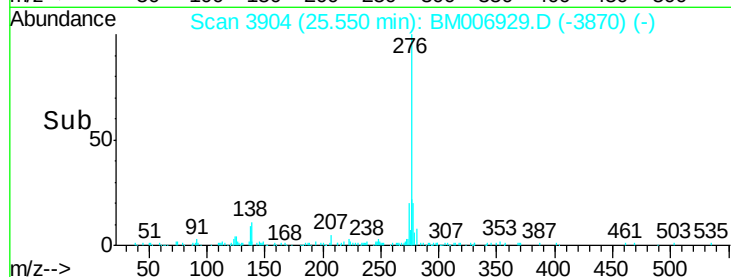
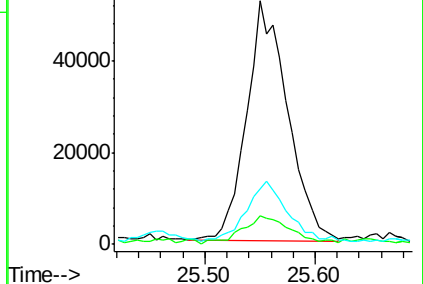
277 22.9 19.4 29.0



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(g,h,i)perylene

Concen: 2.10 ng/ul

RT: 26.22 min Scan# 4018

Delta R.T. 0.00 min

Lab File: BM006929.D

Acq: 06 Aug 2016 08:46

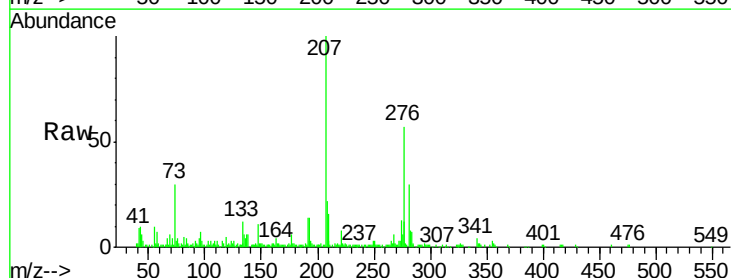
Tgt Ion:276 Resp: 134351

Ion Ratio Lower Upper

276 100

138 10.4 5.5 8.3#

277 21.7 18.4 27.6



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

