

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006925.D
 Acq On : 06 Aug 2016 06:21
 Operator : UM/SJ
 Sample : H4278-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJS2

Quant Time: Aug 06 07:01:50 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	160284	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	700006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	395426	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	913111	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1051228	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1045398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9637	3.31	ng/uL	0.00
5) Phenol-d5	6.77	99	375088	31.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	268280	34.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	290486	31.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	259527	27.05	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	154247	32.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	172335	30.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	293222	24.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	359838	29.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1072392	32.92	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1288210	32.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	122977	17.22	ng/ul	-0.01
57) Fluorene-d10	15.22	176	934074	30.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	131219	22.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	1416313	32.30	ng/ul	0.00
76) Pyrene-d10	19.37	212	1701509	31.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1704159	33.47	ng/ul	0.00

Target Compounds

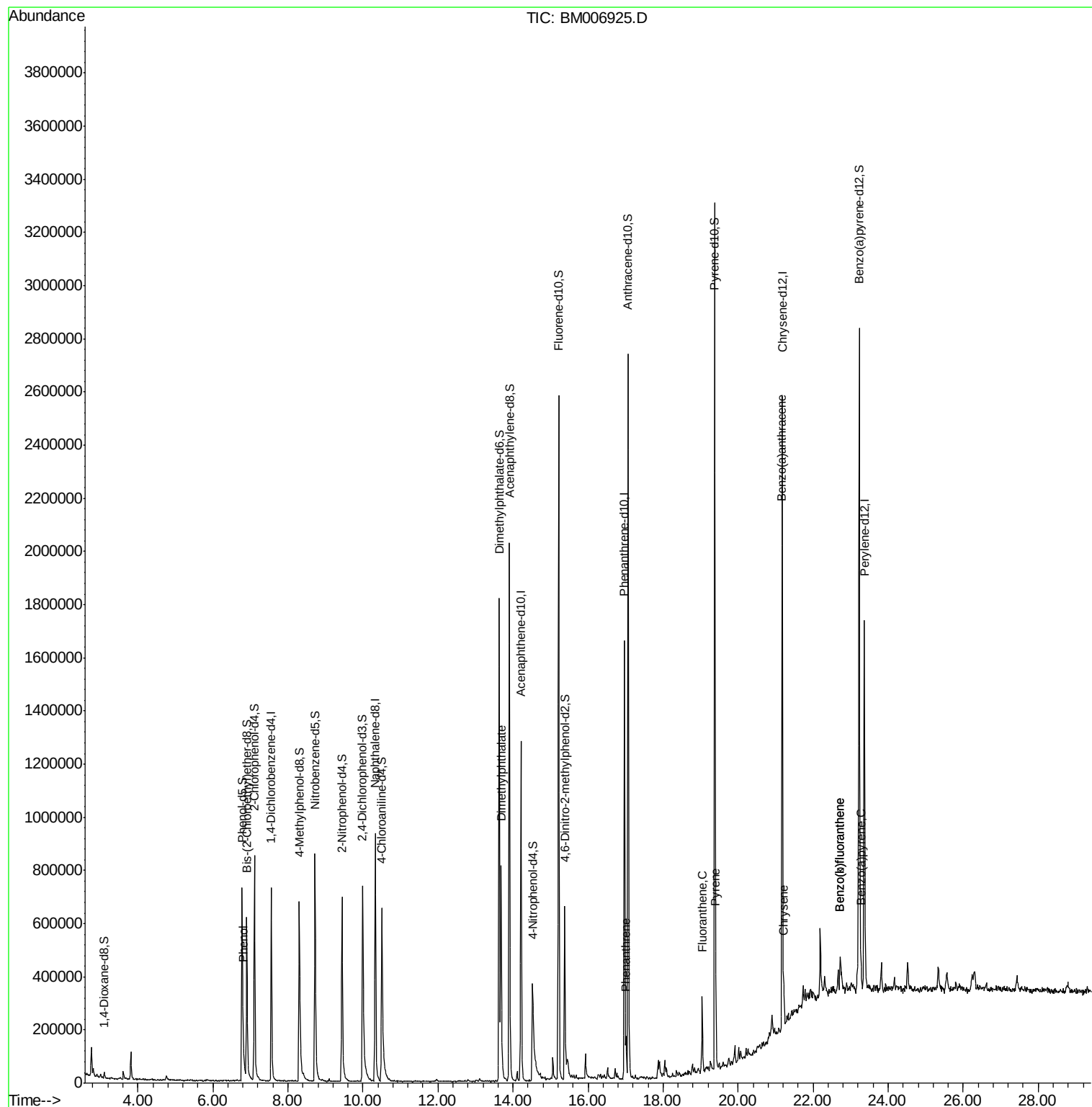
						Qvalue
6) Phenol	6.80	94	19694	1.58	ng/ul#	67
44) Dimethylphthalate	13.68	163	427571	13.21	ng/ul	99
69) Phenanthrene	17.01	178	74212	1.47	ng/ul	97
74) Fluoranthene	19.04	202	157460	2.44	ng/ul#	97
77) Pyrene	19.41	202	171807	2.49	ng/ul#	91
80) Benzo(a)anthracene	21.17	228	94119	1.47	ng/ul	99
82) Chrysene	21.22	228	84635	1.50	ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	98931	1.50	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	98931	1.54	ng/ul#	95
88) Benzo(a)pyrene	23.27	252	80779	1.29	ng/ul#	96

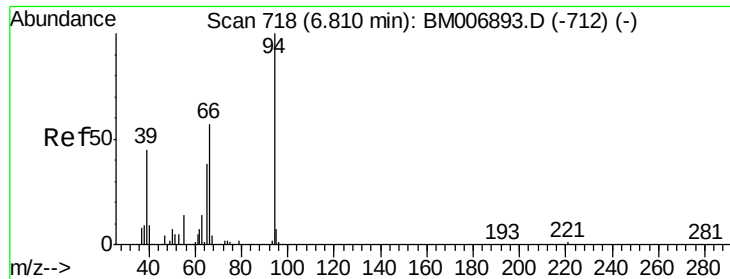
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.58 ng/ul

RT: 6.80 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

ClientSampleId :

BDJS2

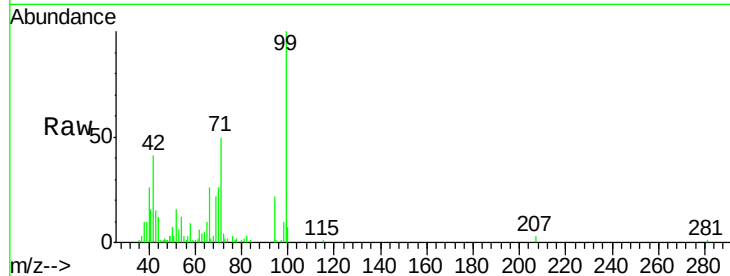
Tgt Ion: 94 Resp: 19694

Ion Ratio Lower Upper

94 100

65 44.9 39.3 58.9

66 118.5 60.7 91.1#

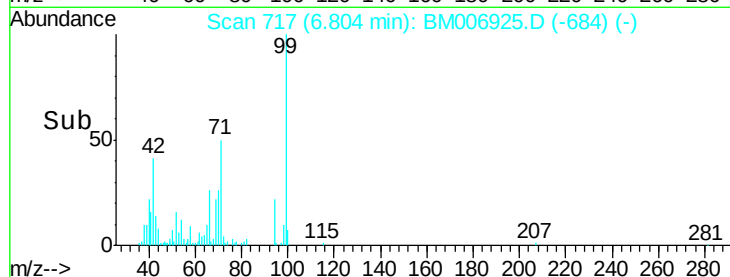


Abundance Ion 94.00 (93.70 to 94.70): BM006893.D (-712) (-)

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

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

Time-->

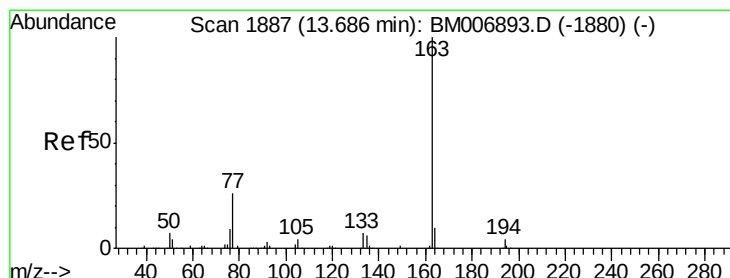


Abundance Ion 94.00 (93.70 to 94.70): BM006925.D (-684) (-)

Ion 65.00 (64.70 to 65.70): BM006925.D (-684) (-)

Ion 66.00 (65.70 to 66.70): BM006925.D (-684) (-)

Time-->



#44

Dimethylphthalate

Concen: 13.21 ng/ul

RT: 13.68 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

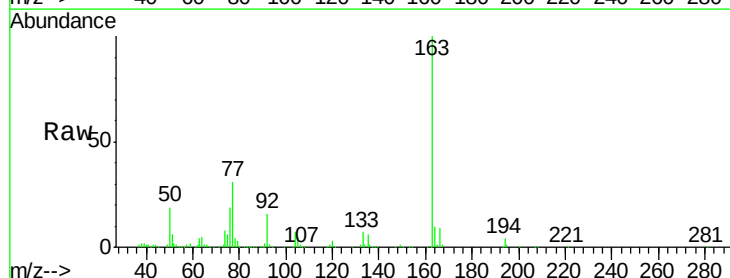
Tgt Ion: 163 Resp: 427571

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 10.4 8.6 12.8

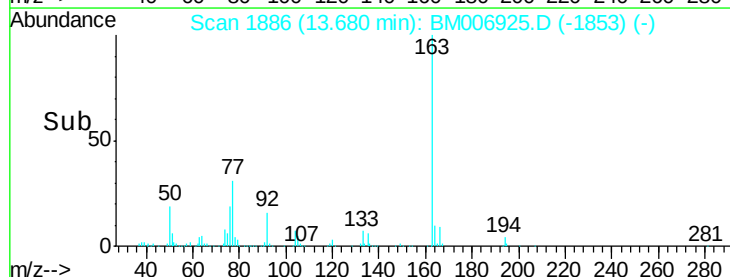


Abundance Ion 163.00 (162.70 to 163.70): BM006893.D (-1880) (-)

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

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

Time-->

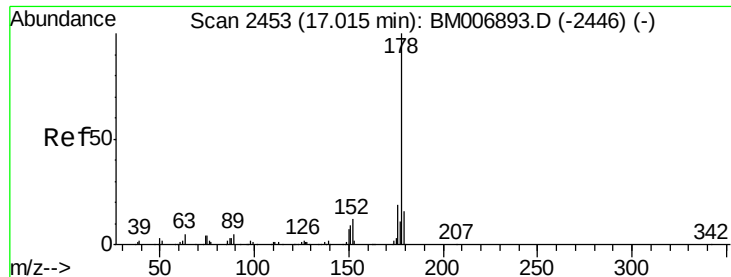


Abundance Ion 163.00 (162.70 to 163.70): BM006925.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BM006925.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BM006925.D (-1853) (-)

Time-->



#69

Phenanthrene

Concen: 1.47 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

ClientSampleId :

BDJS2

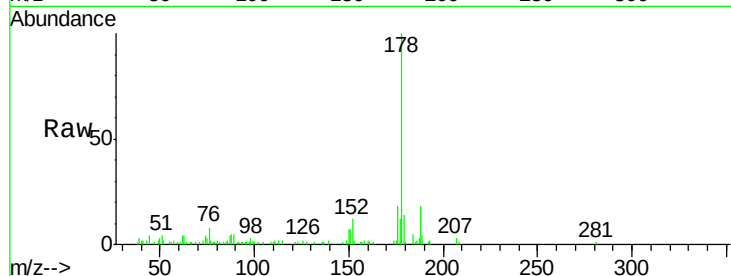
Tgt Ion:178 Resp: 74212

Ion Ratio Lower Upper

178 100

179 13.8 12.2 18.2

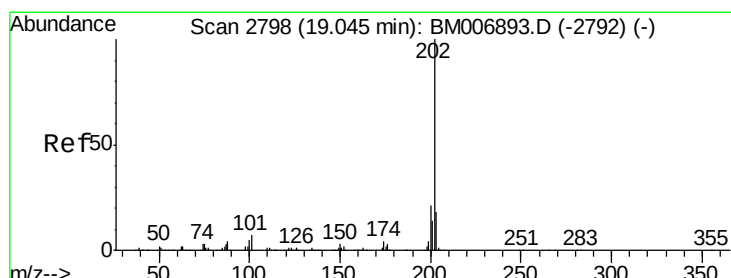
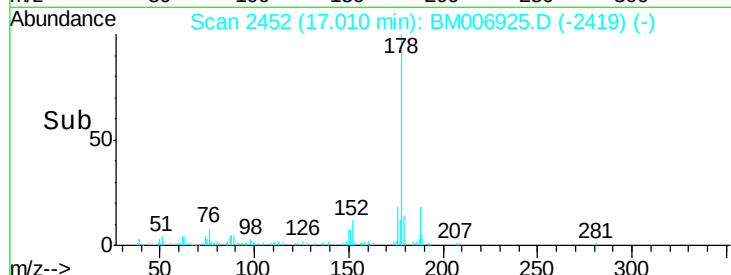
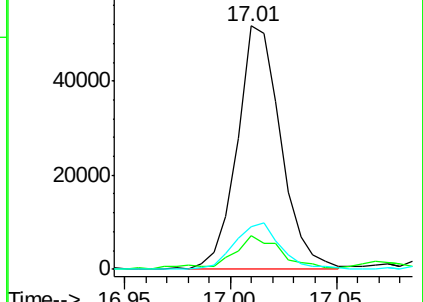
176 17.7 15.2 22.8



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: 2.44 ng/ul

RT: 19.04 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

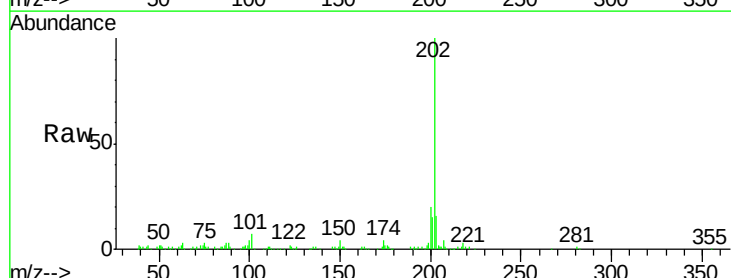
Tgt Ion:202 Resp: 157460

Ion Ratio Lower Upper

202 100

101 6.7 4.1 6.1#

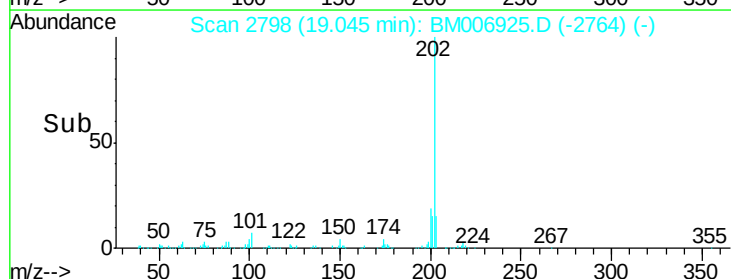
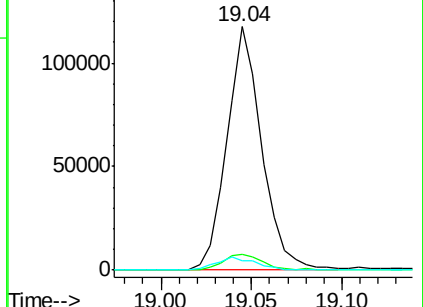
100 3.7 3.0 4.6

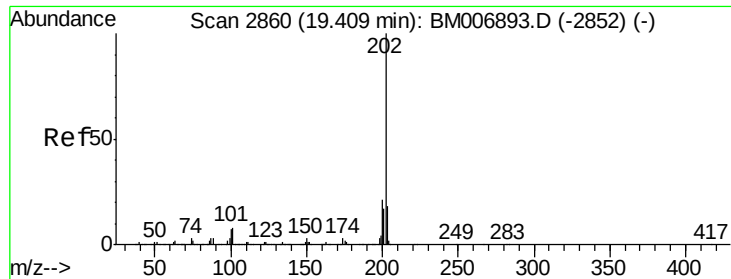


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.49 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

ClientSampleId :

BDJS2

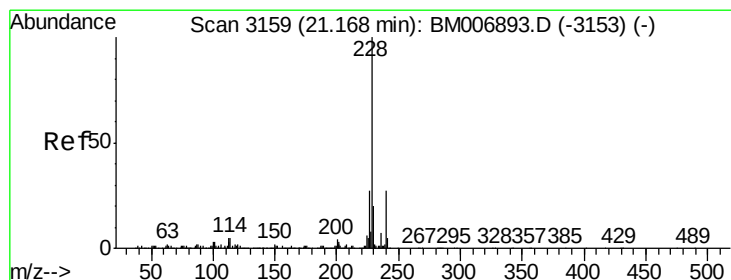
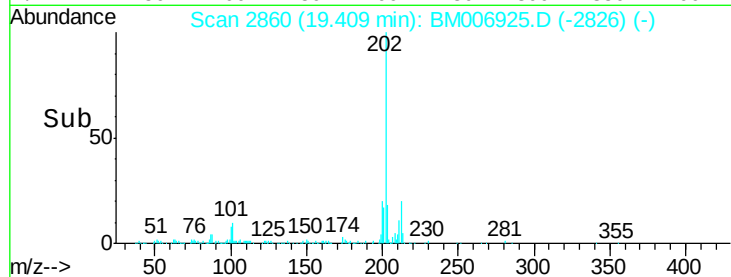
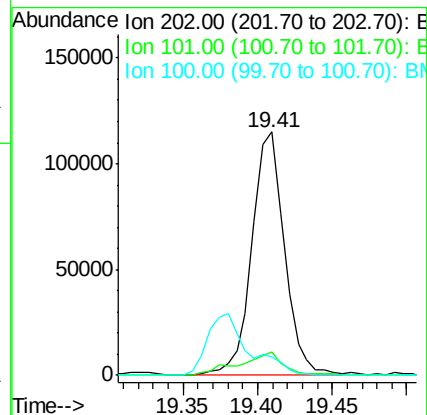
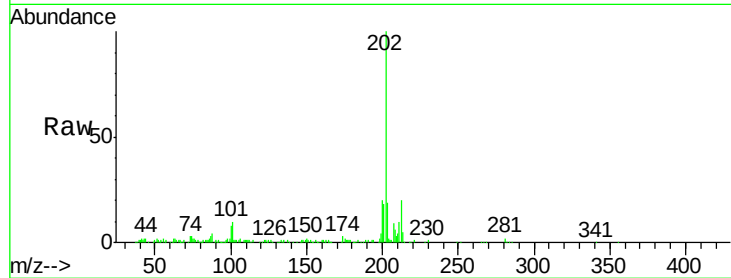
Tgt Ion: 202 Resp: 171807

Ion Ratio Lower Upper

202 100

101 9.8 4.6 6.8#

100 7.6 4.5 6.7#



#80

Benzo(a)anthracene

Concen: 1.47 ng/ul

RT: 21.17 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

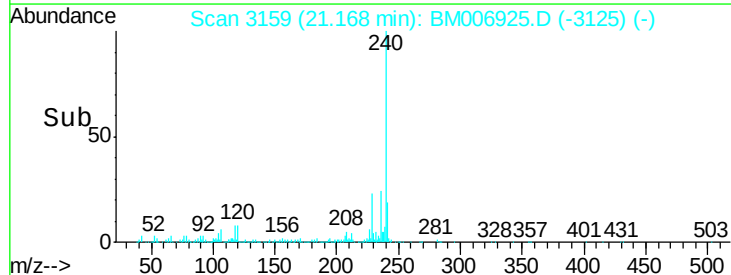
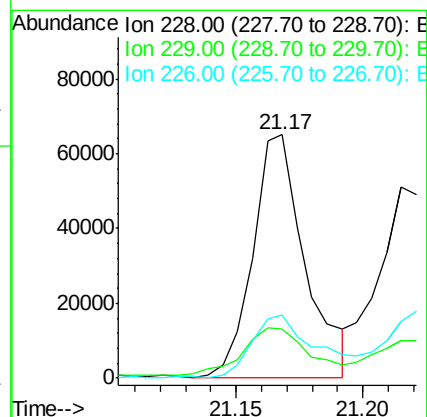
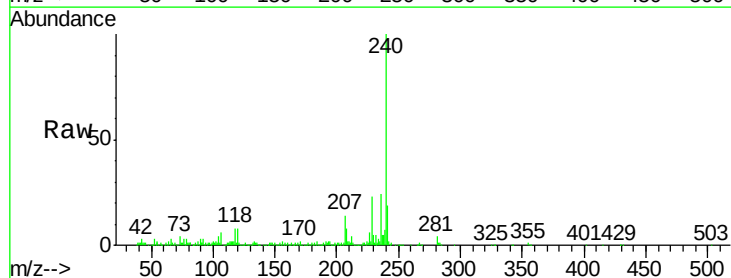
Tgt Ion: 228 Resp: 94119

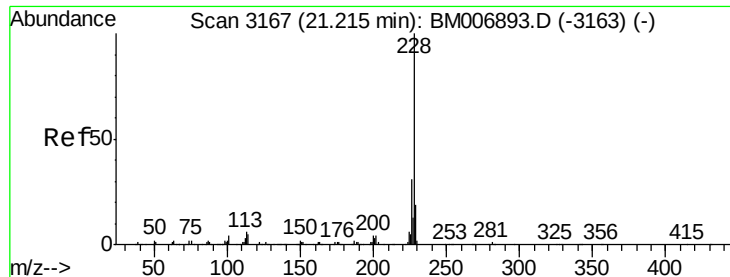
Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 26.1 21.3 31.9





#82

Chrysene

Concen: 1.50 ng/ul

RT: 21.22 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

BNA_M

ClientSampleId :

BDJS2

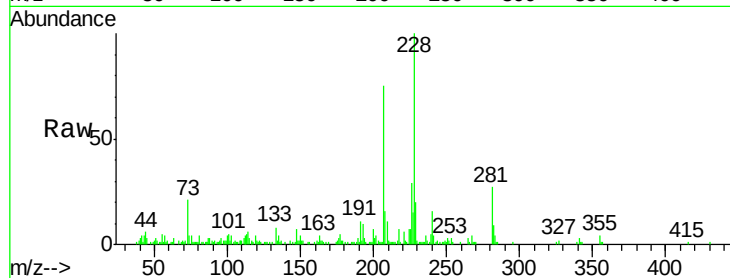
Tgt Ion:228 Resp: 84635

Ion Ratio Lower Upper

228 100

226 29.4 22.8 34.2

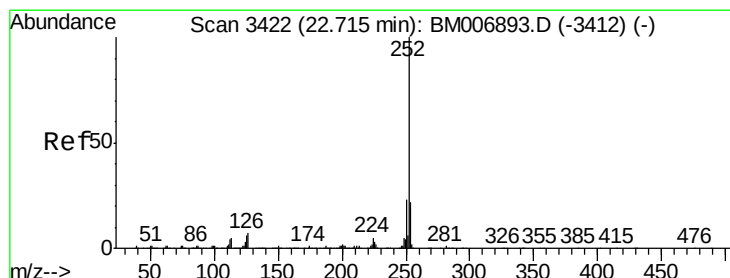
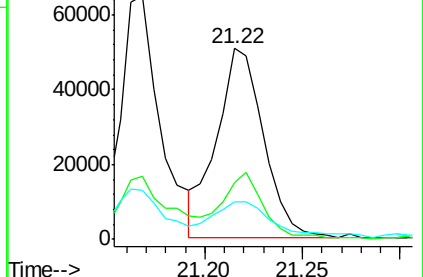
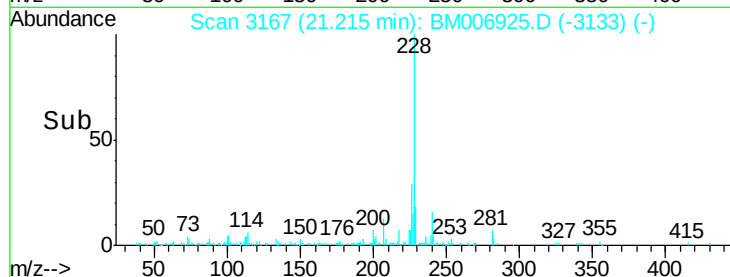
229 19.5 15.4 23.2



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: 1.50 ng/ul

RT: 22.72 min Scan# 3423

Delta R.T. 0.01 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

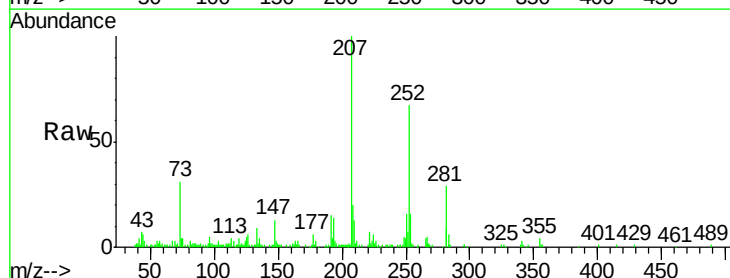
Tgt Ion:252 Resp: 98931

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

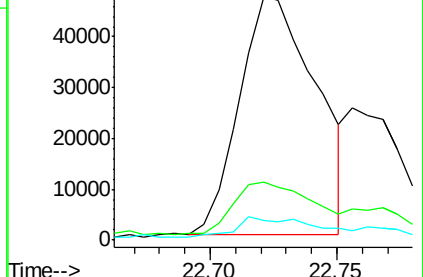
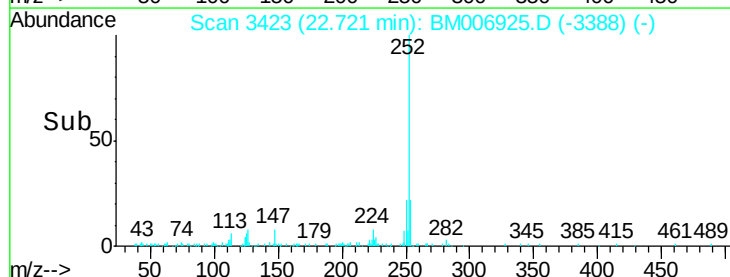
125 8.1 2.9 4.3#

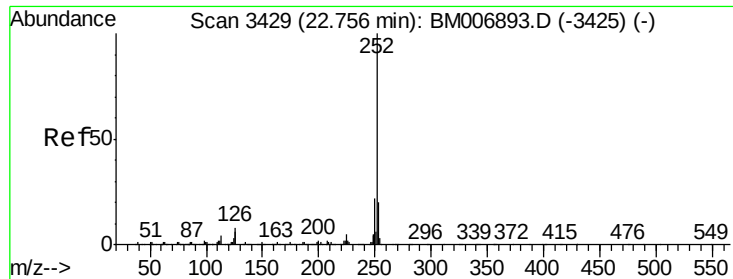


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.54 ng/ul

RT: 22.72 min Scan# 3423

Delta R.T. -0.04 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Instrument :

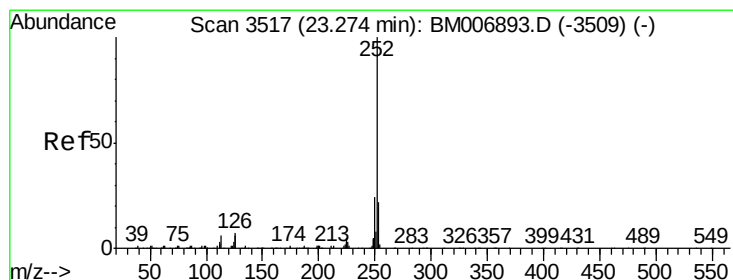
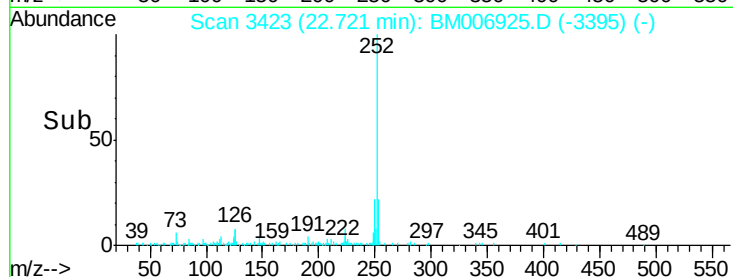
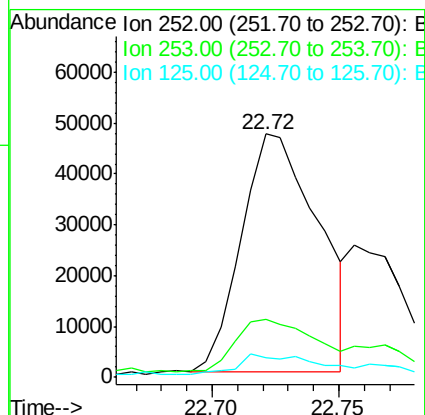
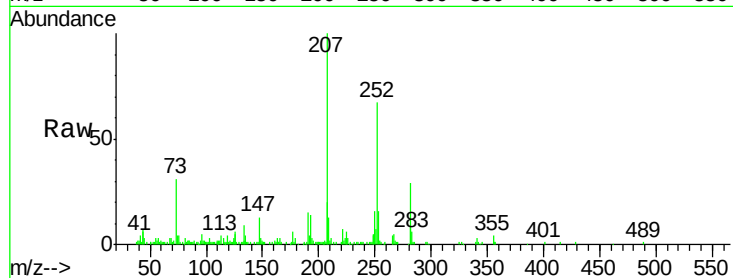
BNA_M

ClientSampleId :

BDJS2

Tgt Ion:252 Resp: 98931

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	8.1	3.0	4.6#



#88

Benzo(a)pyrene

Concen: 1.29 ng/ul

RT: 23.27 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM006925.D

Acq: 06 Aug 2016 06:21

Tgt Ion:252 Resp: 80779

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	8.9	2.9	4.3#

