

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007092.D
 Acq On : 14 Aug 2016 06:11
 Operator : UM/SJ
 Sample : H4314-21
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJW9

Quant Time: Aug 15 13:37:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	247587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	974322	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	558266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1301888	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1673341	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	1830053	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	9672	1.71	ng/uL	0.00
5) Phenol-d5	6.97	99	260902	13.01	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	169910	14.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	210454	13.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	208235	12.62	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	110967	15.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	120129	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	238554	15.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	232705	12.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	748181	16.22	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	940968	16.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	91644	11.08	ng/ul	0.00
57) Fluorene-d10	15.43	176	707126	17.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	74911	10.41	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1138869	18.88	ng/ul	0.00
76) Pyrene-d10	19.57	212	1416624	20.06	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.49	264	1639589	19.59	ng/ul	-0.02

Target Compounds

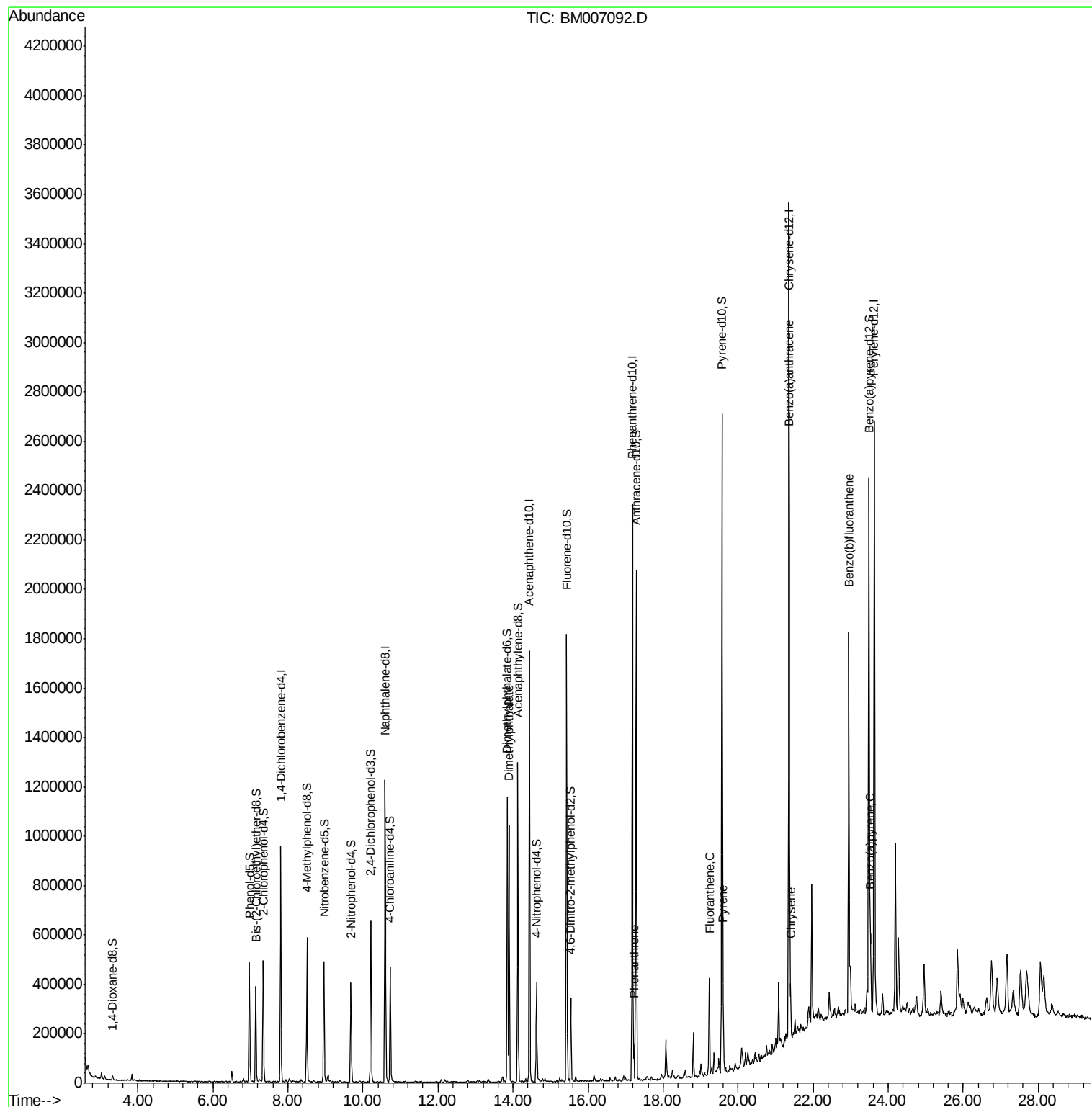
						Qvalue
44) Dimethylphthalate	13.89	163	653410	14.17	ng/ul	99
69) Phenanthrene	17.22	178	89934	1.28	ng/ul	99
74) Fluoranthene	19.23	202	240227	2.83	ng/ul	99
77) Pyrene	19.60	202	199308	2.15	ng/ul	98
80) Benzo(a)anthracene	21.34	228	124144	1.26	ng/ul	100
82) Chrysene	21.40	228	132245	1.46	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	172946	1.57	ng/ul#	92
88) Benzo(a)pyrene	23.53	252	106583	1.02	ng/ul#	94

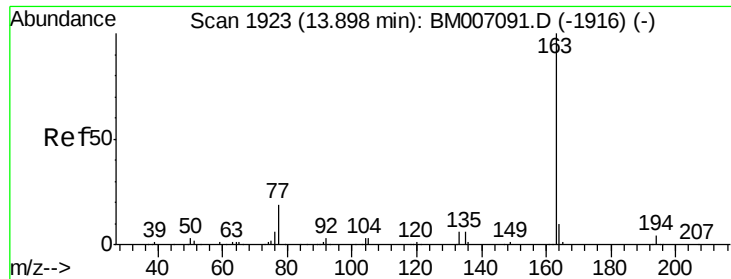
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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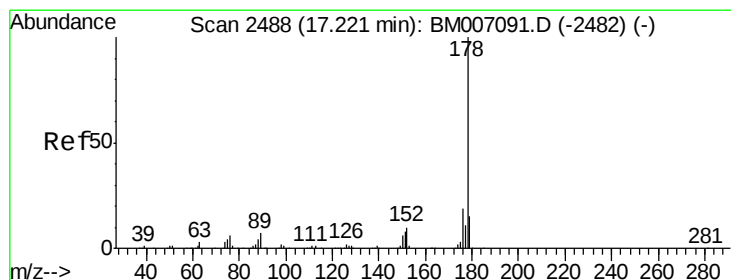
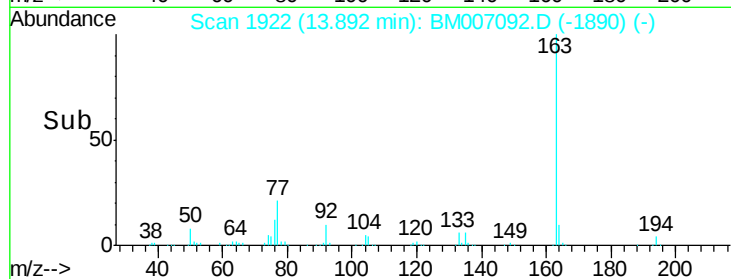
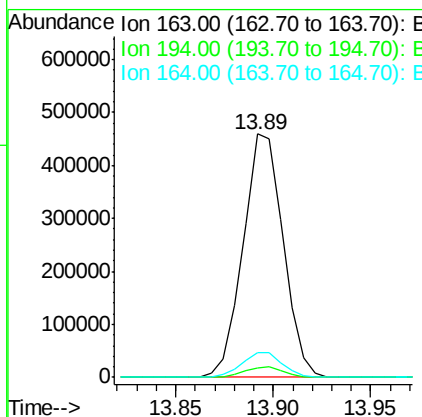
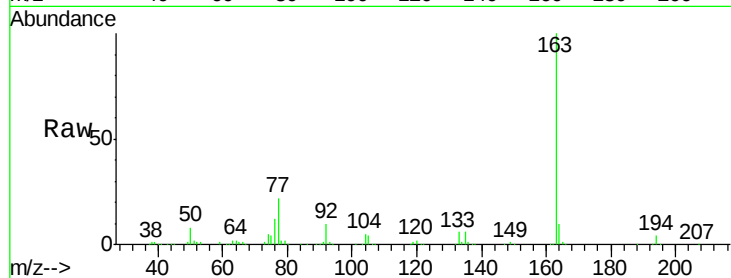




#44
Dimethylphthalate
Concen: 14.17 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM007092.D
Acq: 14 Aug 2016 06:11

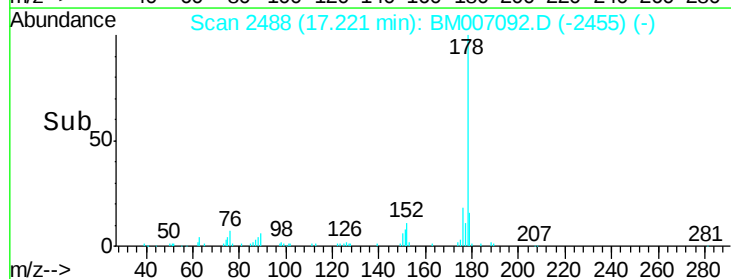
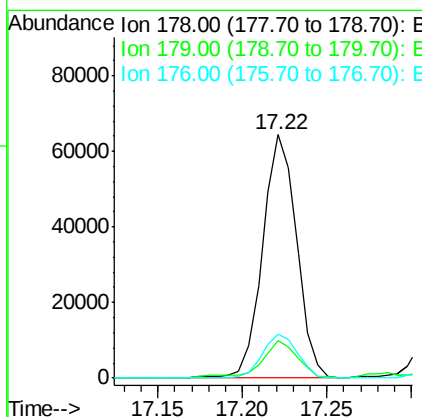
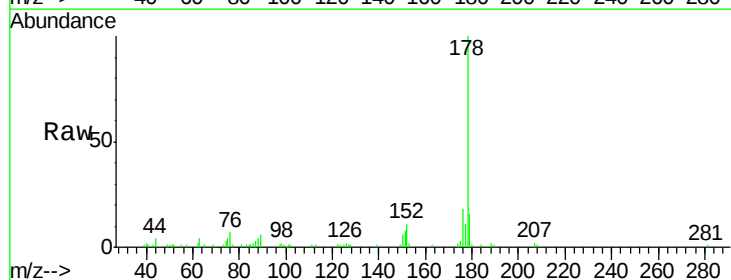
Instrument :
BNA_M
ClientSampleId :
BDJW9

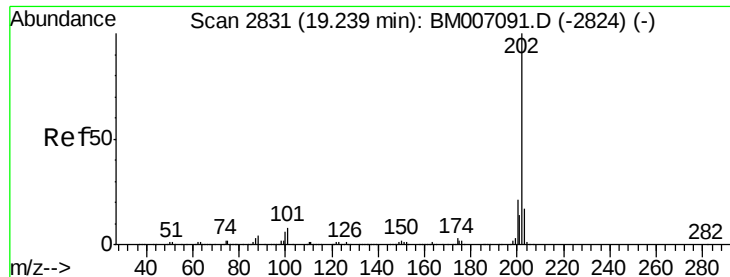
Tgt Ion:163 Resp: 653410
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 7.8 11.8



#69
Phenanthrene
Concen: 1.28 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM007092.D
Acq: 14 Aug 2016 06:11

Tgt Ion:178 Resp: 89934
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.2 15.1 22.7





#74

Fluoranthene

Concen: 2.83 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

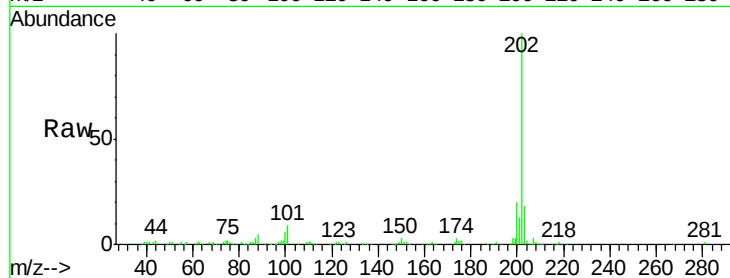
Instrument :

BNA_M

ClientSampleId :

BDJW9

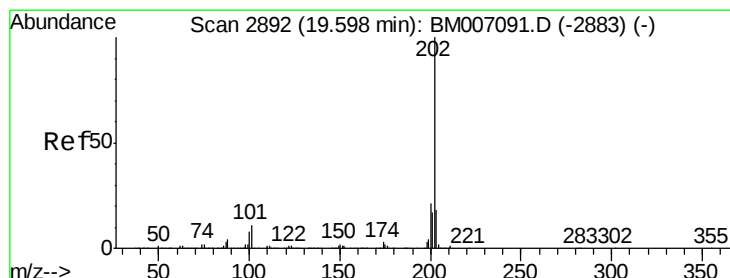
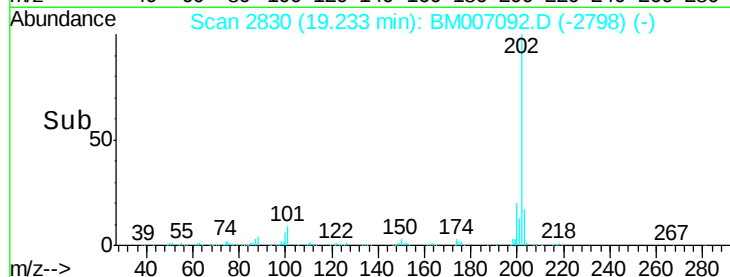
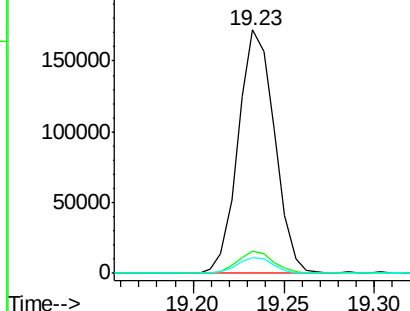
Tgt Ion:	202	Resp:	240227
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.9	10.3
100	6.4	5.4	8.0



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: 2.15 ng/ul

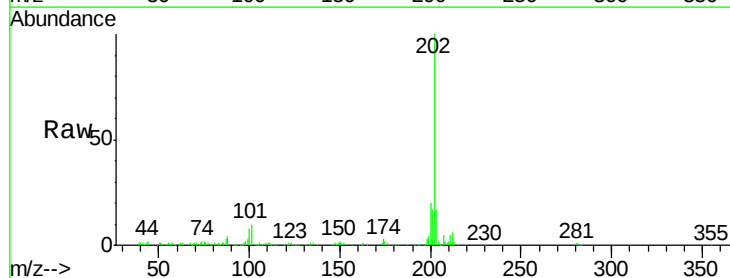
RT: 19.60 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

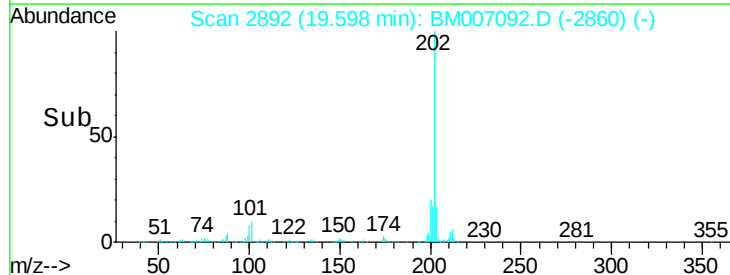
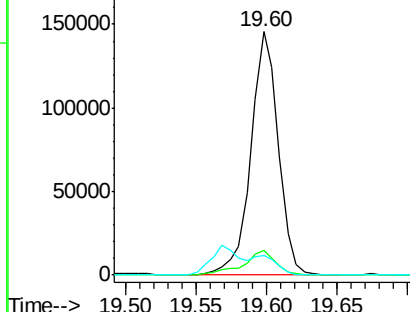
Tgt Ion:	202	Resp:	199308
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.4	12.6
100	7.8	6.9	10.3

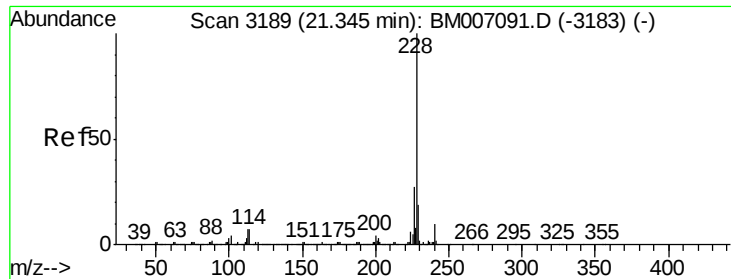


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.26 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

Instrument :

BNA_M

ClientSampleId :

BDJW9

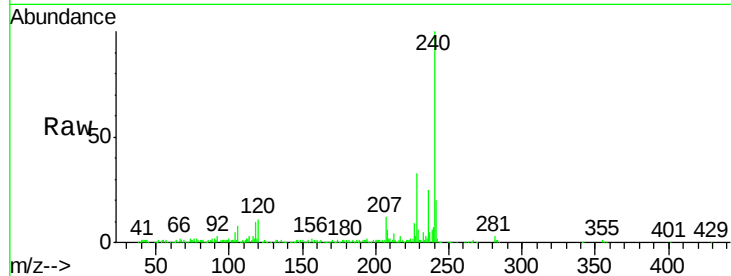
Tgt Ion:228 Resp: 124144

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

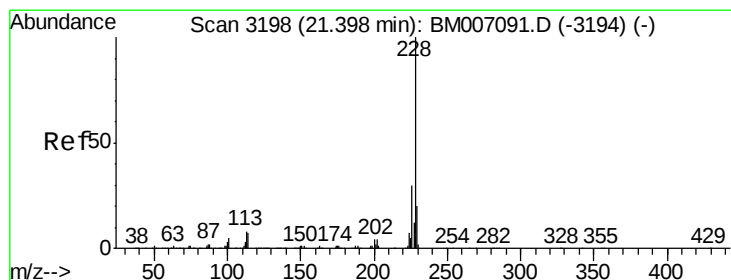
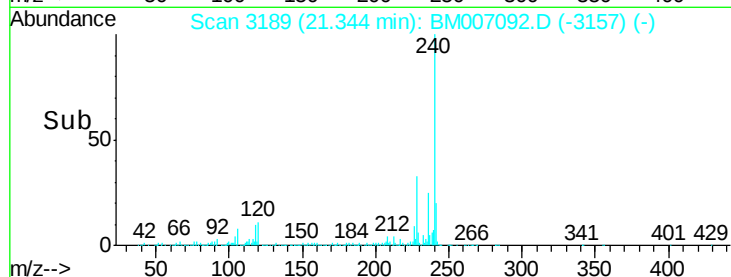
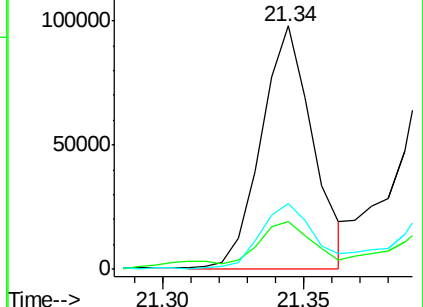
226 27.1 21.8 32.8



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: 1.46 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

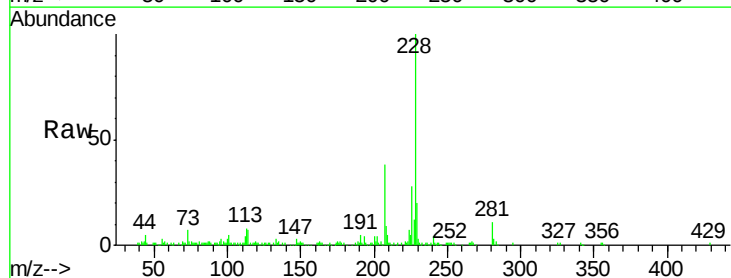
Tgt Ion:228 Resp: 132245

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

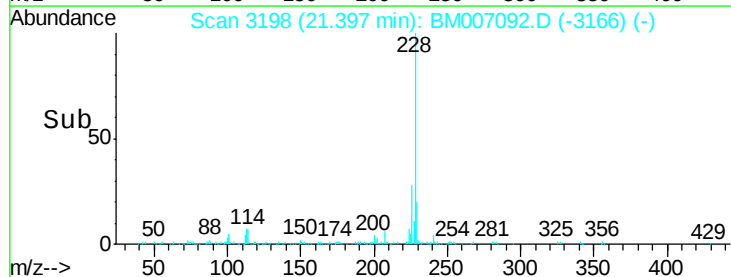
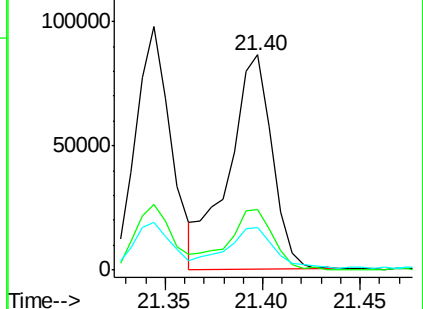
229 19.9 15.5 23.3

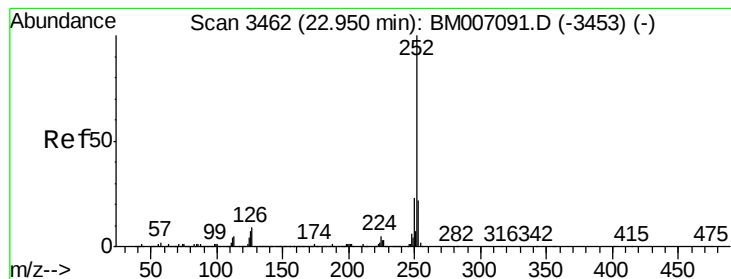


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.57 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

Instrument :

BNA_M

ClientSampleId :

BDJW9

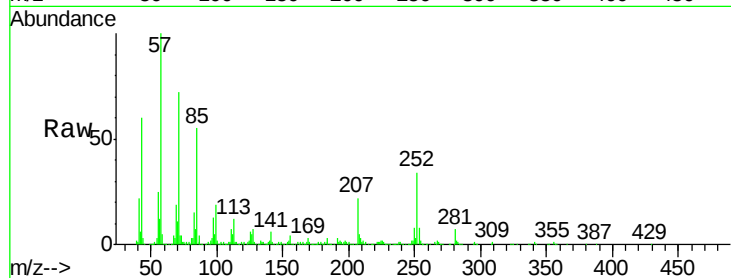
Tgt Ion:252 Resp: 172946

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

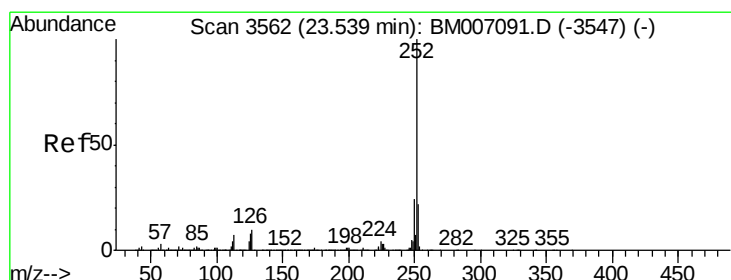
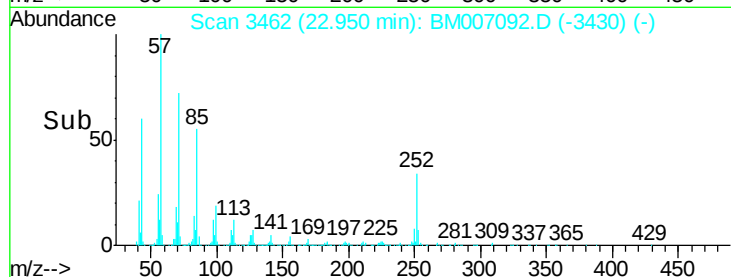
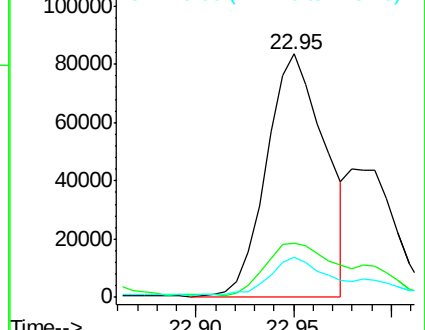
125 16.4 5.8 8.8#



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



#88

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.02 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

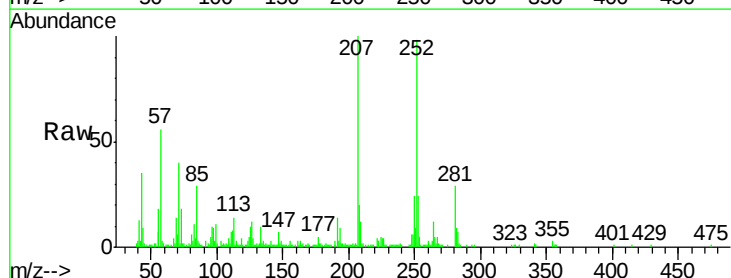
Tgt Ion:252 Resp: 106583

Ion Ratio Lower Upper

252 100

253 24.7 17.7 26.5

125 10.3 6.6 9.8#



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

