

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 10:24:42 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	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

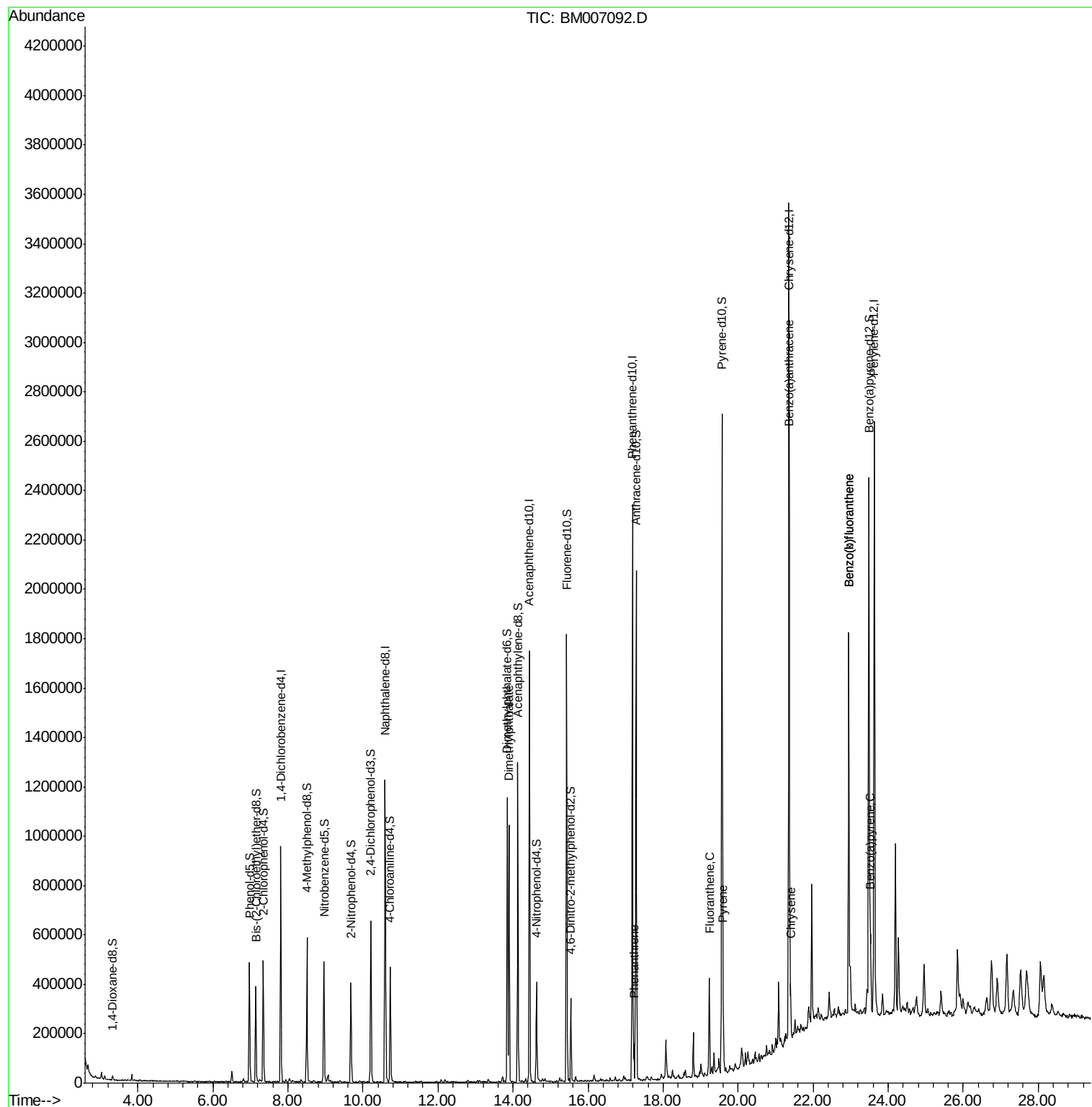
						Qvalue
44) Dimethylphthalate	13.89	163	653410	14.17	ng/ul	99
69) Phenanthrene	17.22	178	89934	1.28	ng/ul	99
74) Fluoranthene	19.23	202	240227	2.83	ng/ul	99
77) Pyrene	19.60	202	199308	2.15	ng/ul	98
80) Benzo(a)anthracene	21.34	228	124144	1.26	ng/ul	100
82) Chrysene	21.40	228	132245	1.46	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	172946	1.57	ng/ul#	92
86) Benzo(k)fluoranthene	22.95	252	172946	1.67	ng/ul#	93
88) Benzo(a)pyrene	23.53	252	106583	1.02	ng/ul#	94

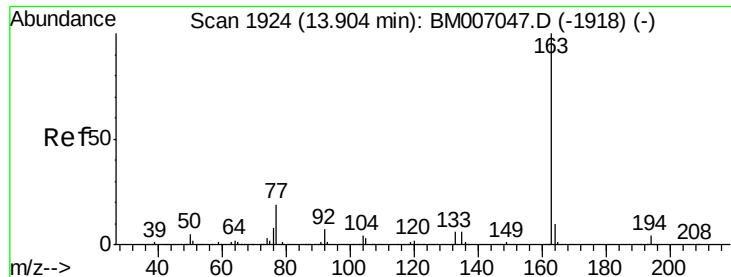
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

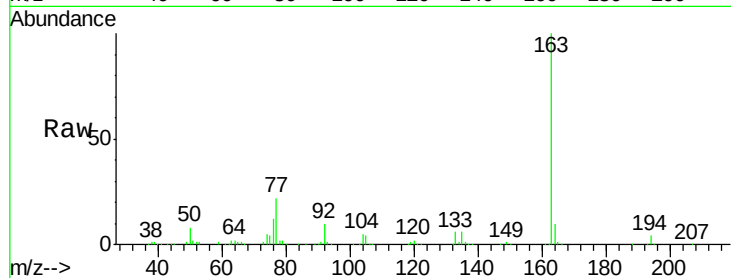
Tgt Ion:163 Resp: 653410

Ion Ratio Lower Upper

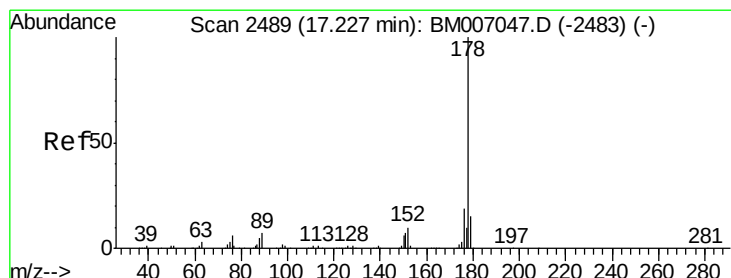
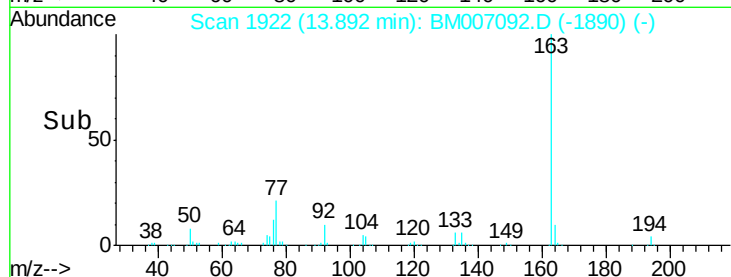
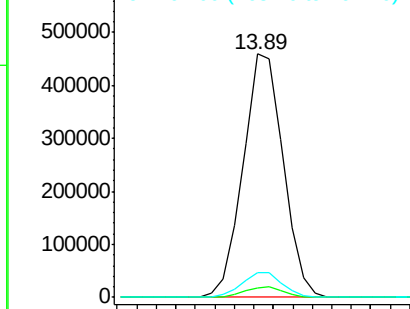
163 100

194 4.1 3.4 5.2

164 10.2 7.8 11.8



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: 1.28 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

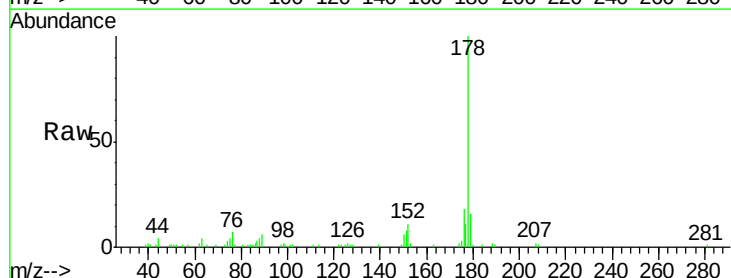
Tgt Ion:178 Resp: 89934

Ion Ratio Lower Upper

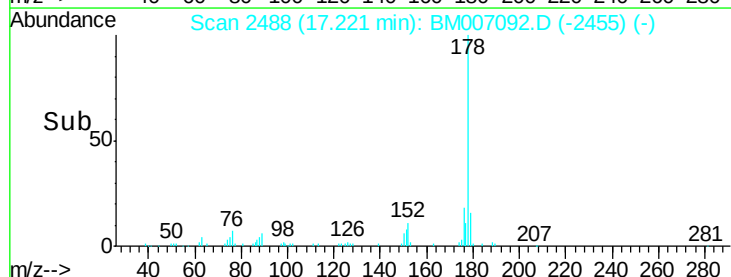
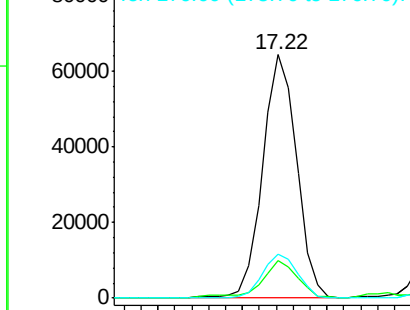
178 100

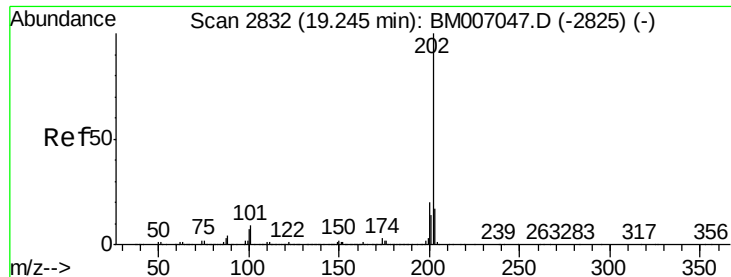
179 15.6 12.2 18.2

176 18.2 15.1 22.7



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: 2.83 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

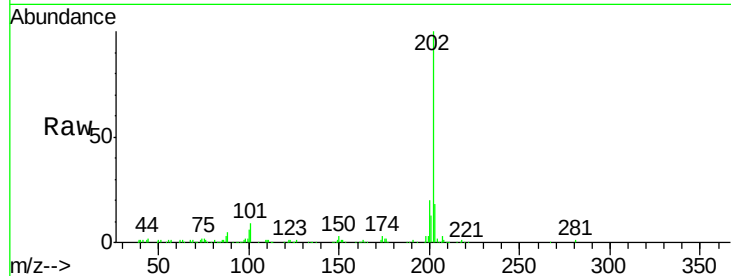
Instrument :

BNA_M

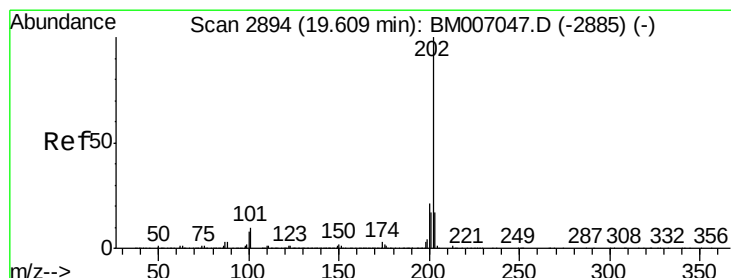
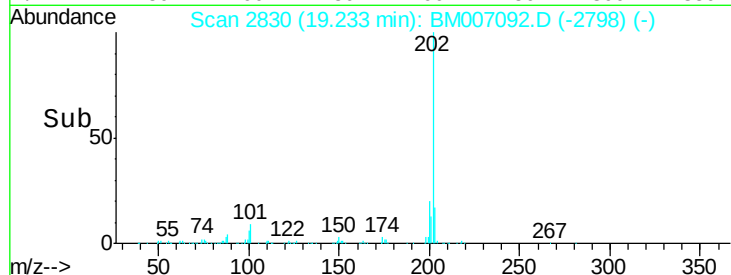
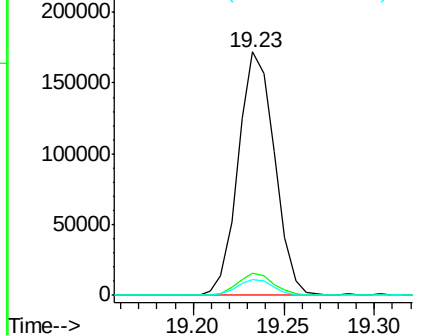
ClientSampleId :

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

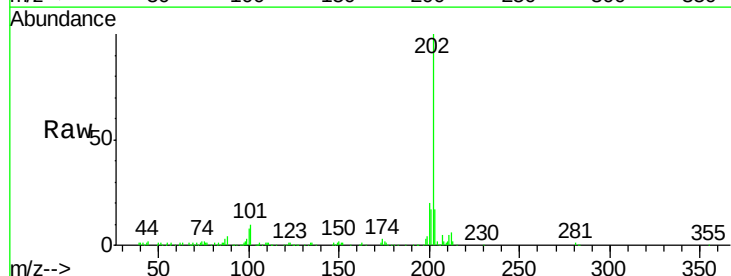
RT: 19.60 min Scan# 2892

Delta R.T. -0.01 min

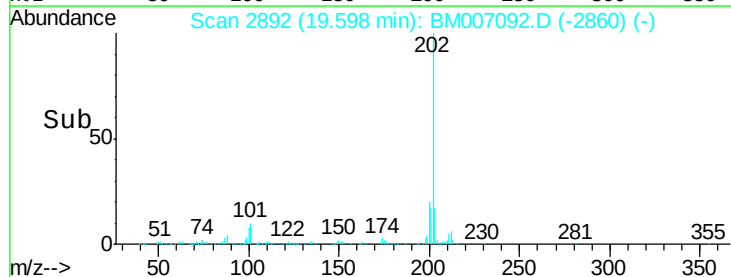
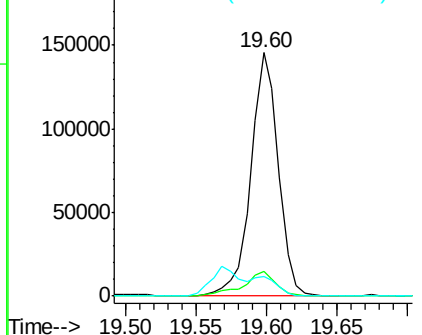
Lab File: BM007092.D

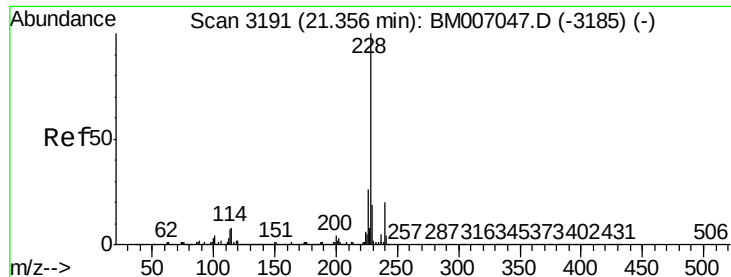
Acq: 14 Aug 2016 06:11

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

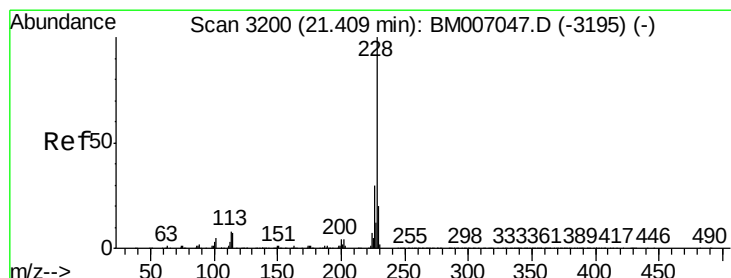
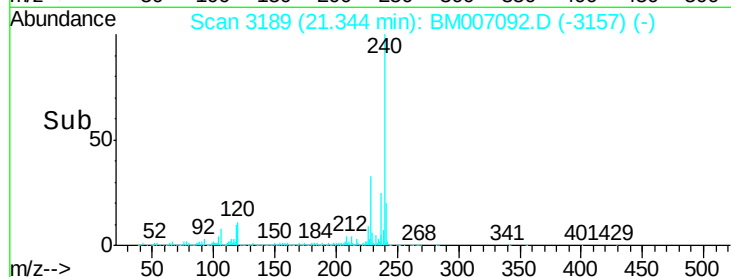
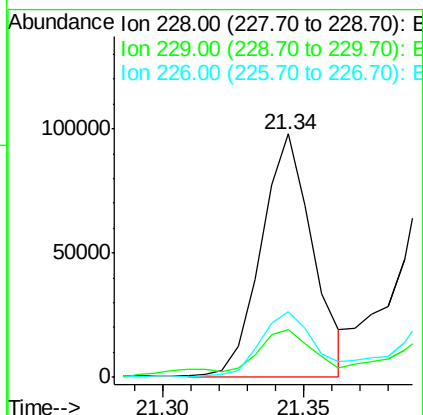
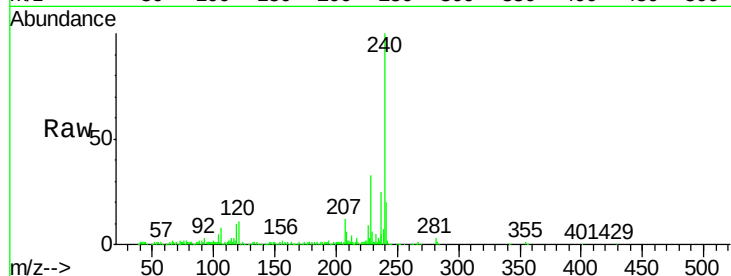
Instrument :

BNA_M

ClientSampled :

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



#82

Chrysene

Concen: 1.46 ng/ul

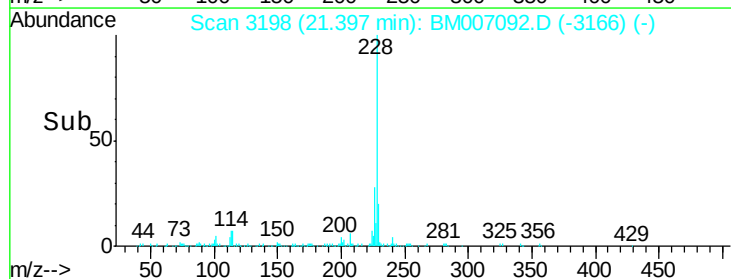
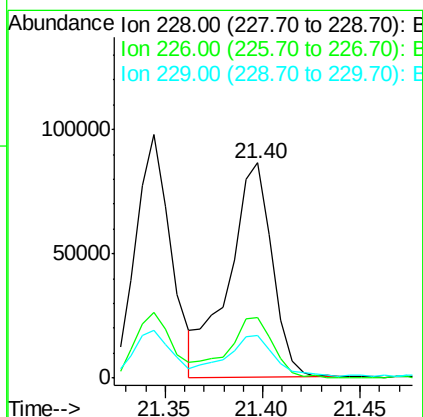
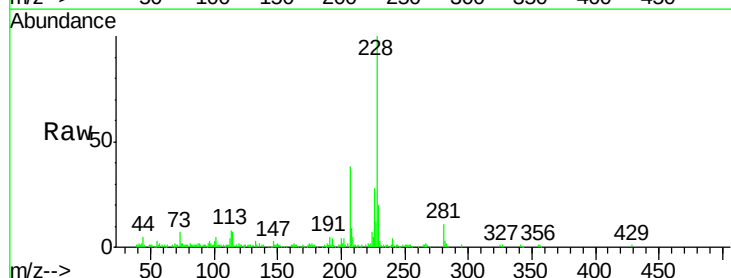
RT: 21.40 min Scan# 3198

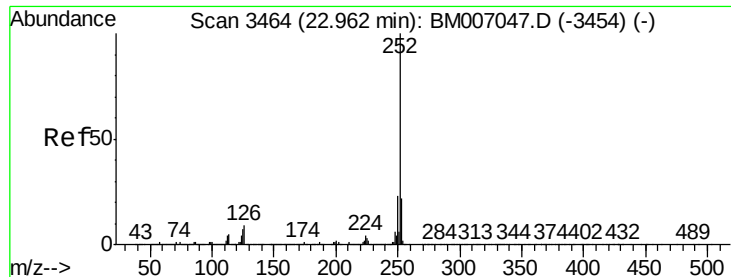
Delta R.T. -0.01 min

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





#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

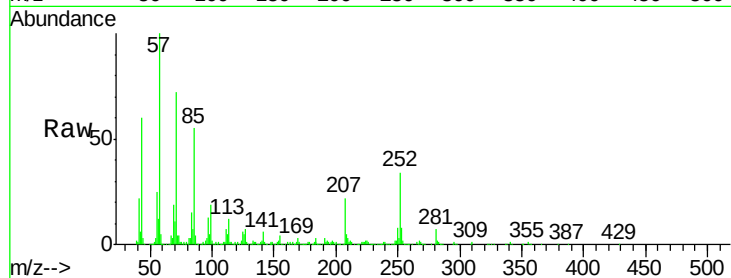
Tgt Ion:252 Resp: 172946

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

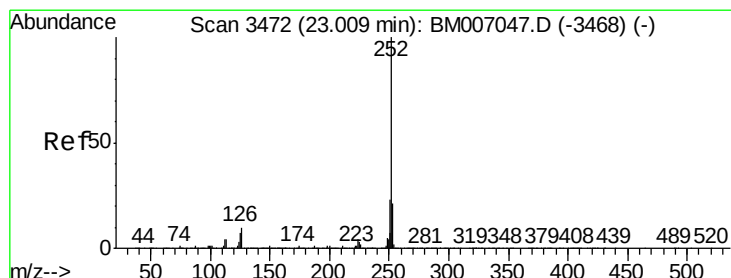
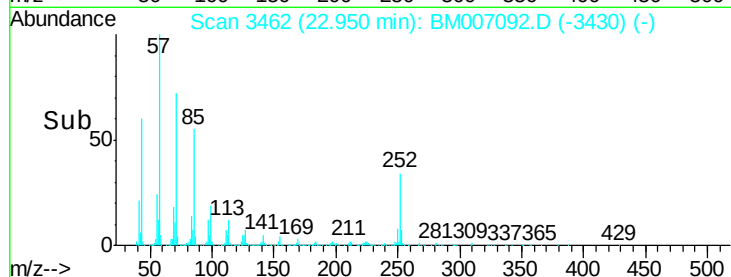
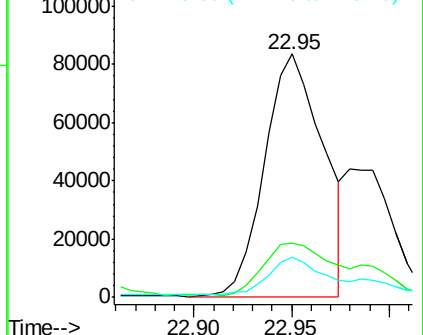
125 16.4 5.8 8.8#



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



#86

Benzo(k)fluoranthene

Concen: 1.67 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.06 min

Lab File: BM007092.D

Acq: 14 Aug 2016 06:11

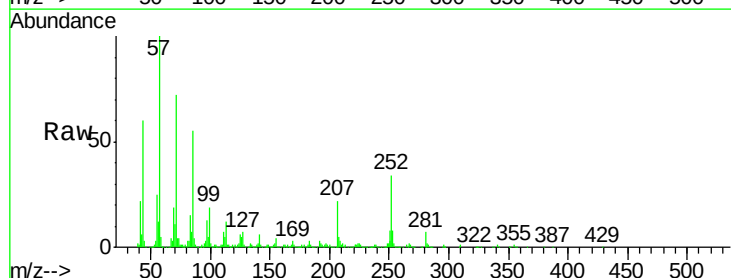
Tgt Ion:252 Resp: 172946

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

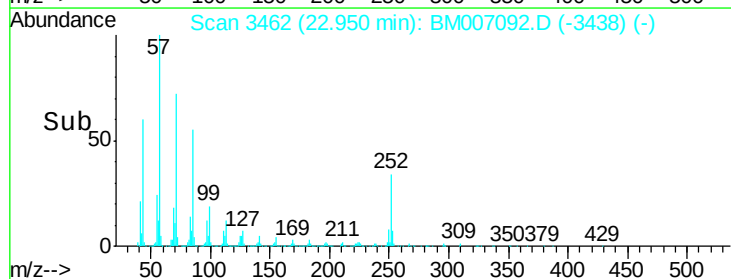
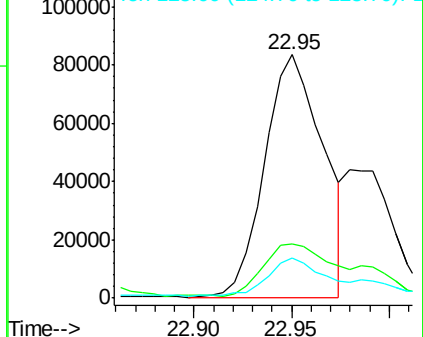
125 16.4 5.7 8.5#

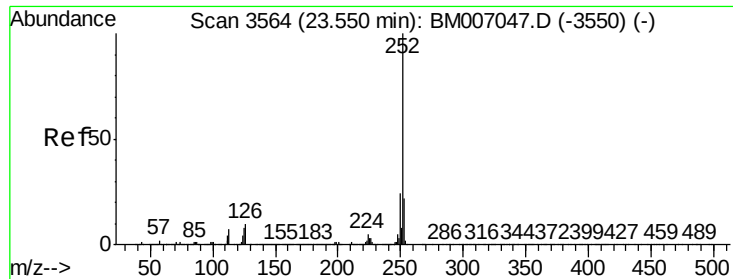


Abundance Ion 252.00 (251.70 to 252.70): E

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

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ClientSampleId :

BDJW9

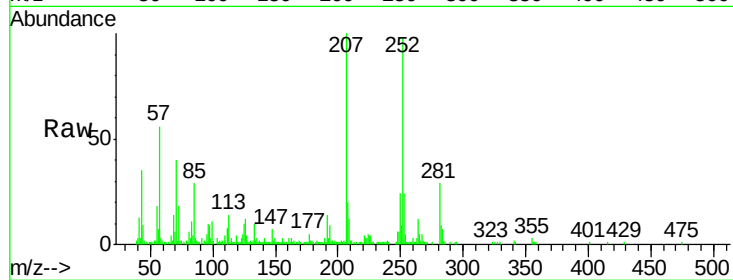
Tgt Ion: 252 Resp: 106583

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

