

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007211.D
 Acq On : 18 Aug 2016 19:27
 Operator : UM/SJ
 Sample : H4445-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N23

Quant Time: Aug 19 05:08:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	260132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1036795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	598930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1449303	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1871998	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1935391	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	14893	2.50	ng/uL	0.00
5) Phenol-d5	6.97	99	274726	13.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	173796	14.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	226503	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	173629	10.01	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	113268	15.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	118831	14.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	231408	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	263540	13.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	734257	14.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	890844	14.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	85432	9.63	ng/ul	0.00
57) Fluorene-d10	15.43	176	657037	15.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	64817	8.09	ng/ul	0.00
70) Anthracene-d10	17.27	188	1040323	15.49	ng/ul	0.00
76) Pyrene-d10	19.57	212	1282545	16.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1412912	15.96	ng/ul	0.00

Target Compounds

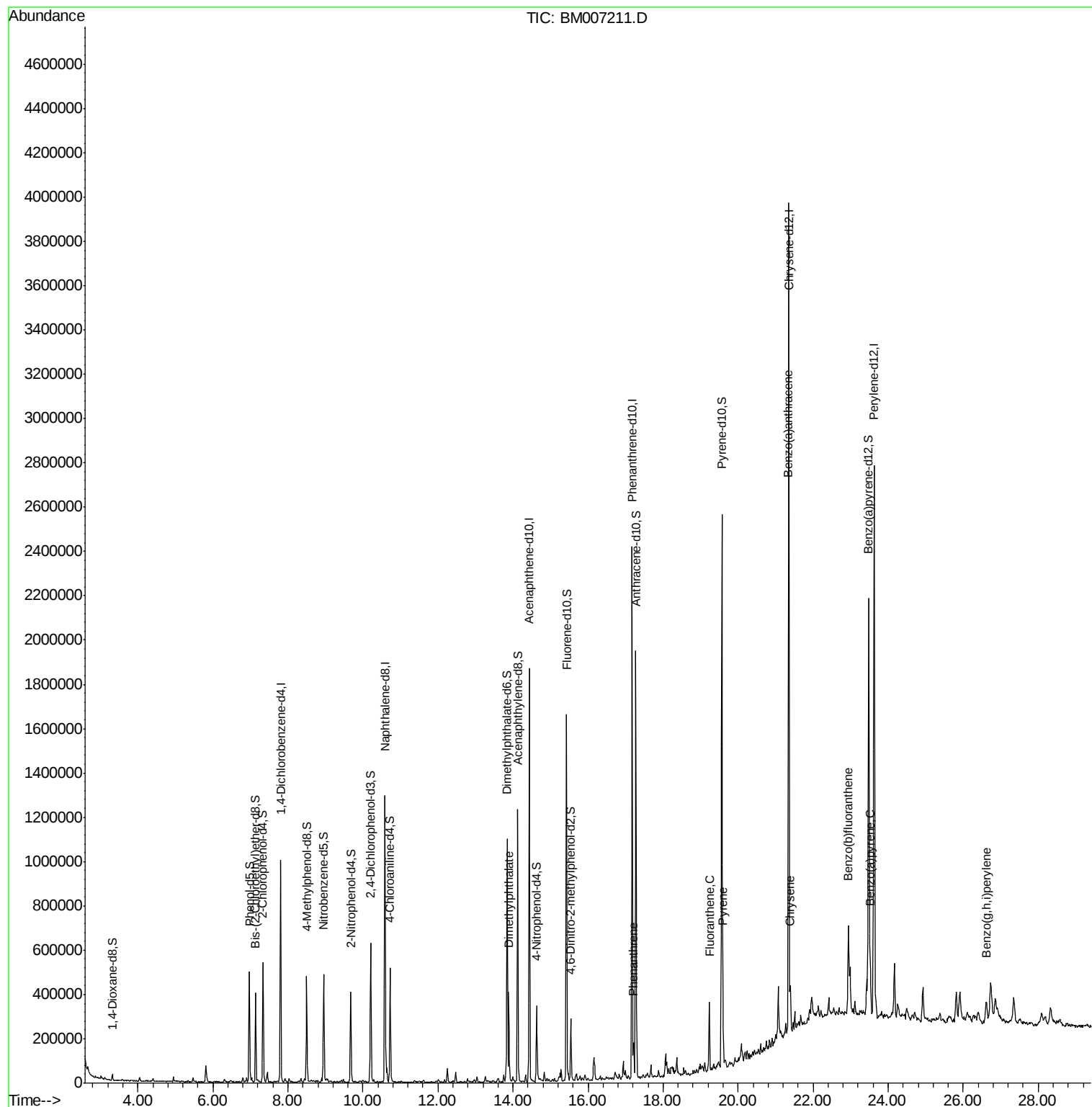
						Qvalue
44) Dimethylphthalate	13.89	163	253846	5.13	ng/ul	99
69) Phenanthrene	17.22	178	98237	1.26	ng/ul	97
74) Fluoranthene	19.23	202	180084	1.90	ng/ul	99
77) Pyrene	19.59	202	172299	1.66	ng/ul#	96
80) Benzo(a)anthracene	21.34	228	136171	1.23	ng/ul	98
82) Chrysene	21.39	228	128901	1.28	ng/ul	94
85) Benzo(b)fluoranthene	22.94	252	240922	2.07	ng/ul#	96
88) Benzo(a)pyrene	23.53	252	164454	1.49	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	128058	1.12	ng/ul	95

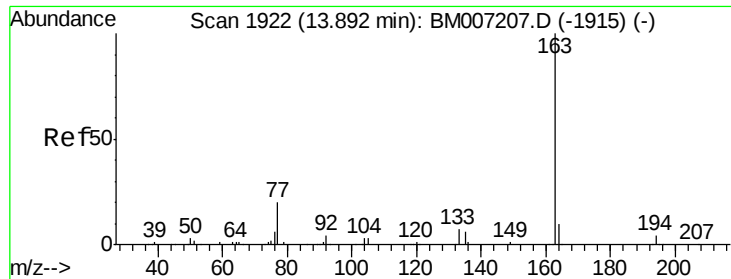
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.13 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

E5N23

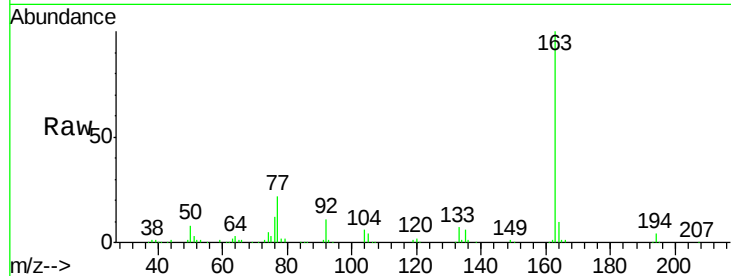
Tgt Ion:163 Resp: 253846

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

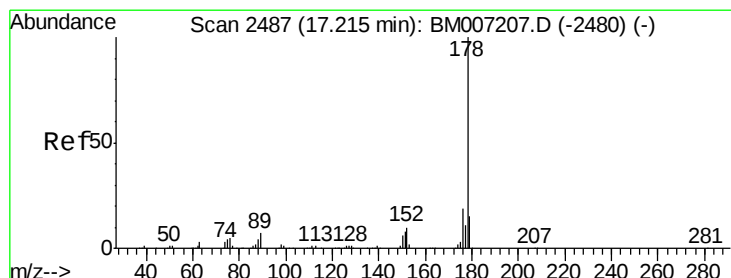
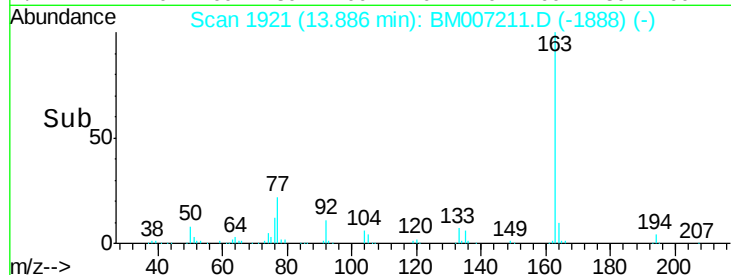
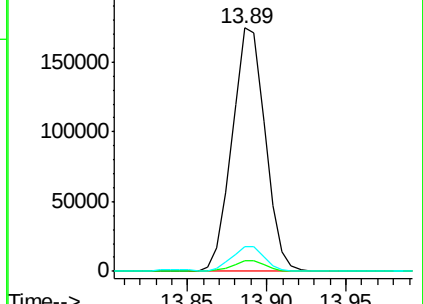
164 10.4 7.8 11.8



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: 1.26 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

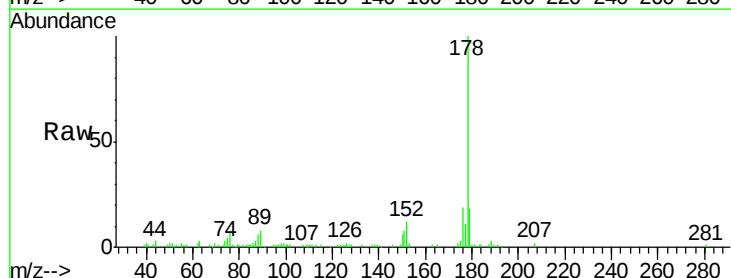
Tgt Ion:178 Resp: 98237

Ion Ratio Lower Upper

178 100

179 17.9 12.2 18.2

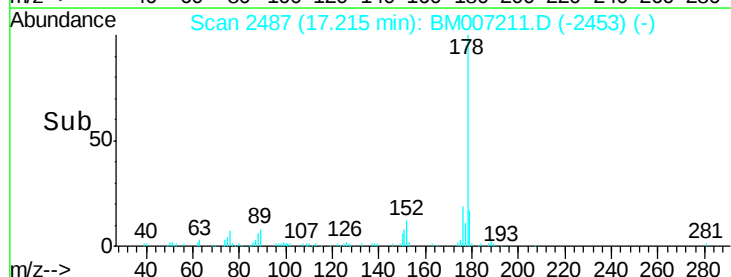
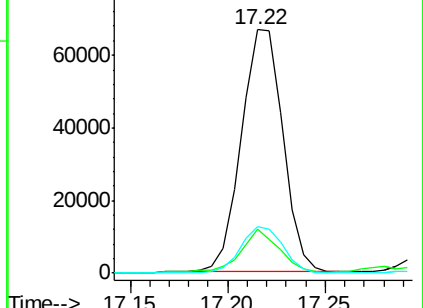
176 18.9 15.1 22.7

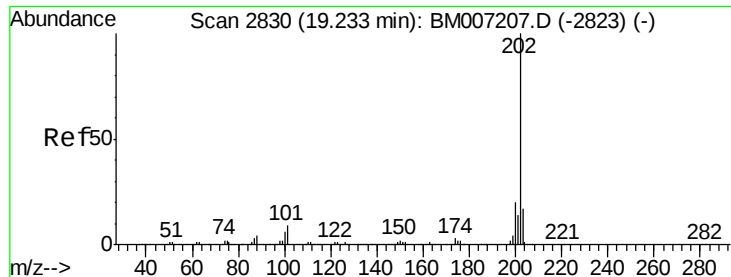


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.90 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

E5N23

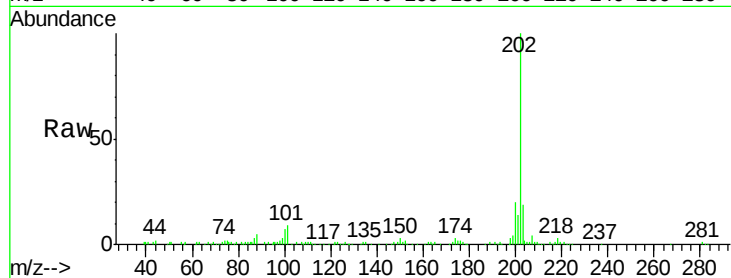
Tgt Ion:202 Resp: 180084

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

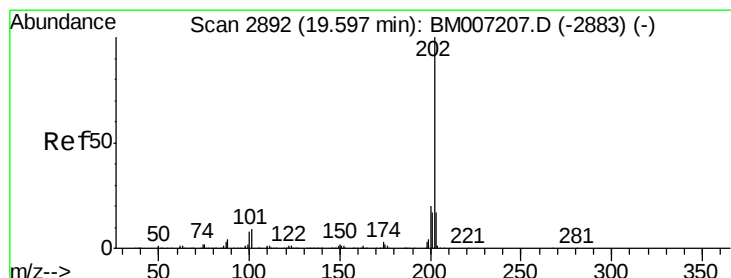
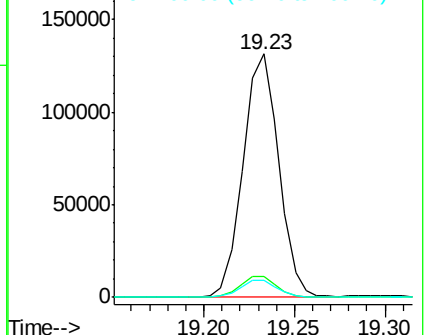
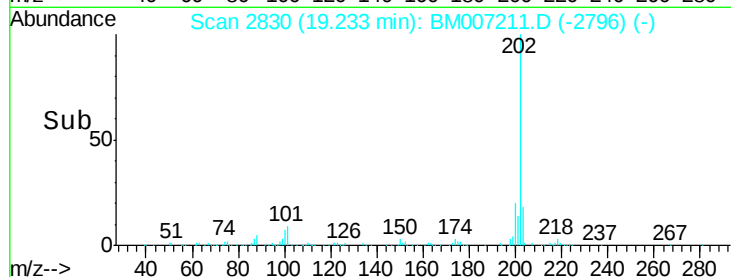
100 7.2 5.4 8.0



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: 1.66 ng/ul

RT: 19.59 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

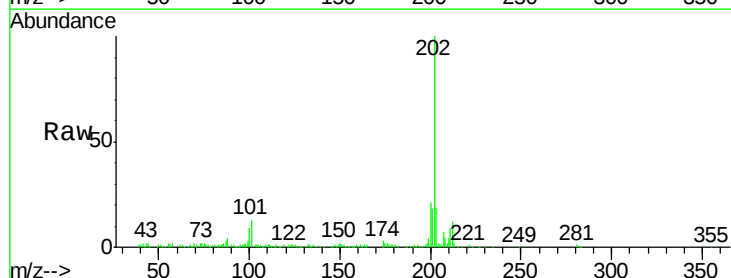
Tgt Ion:202 Resp: 172299

Ion Ratio Lower Upper

202 100

101 13.0 8.4 12.6#

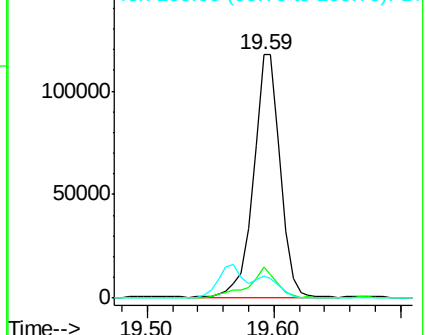
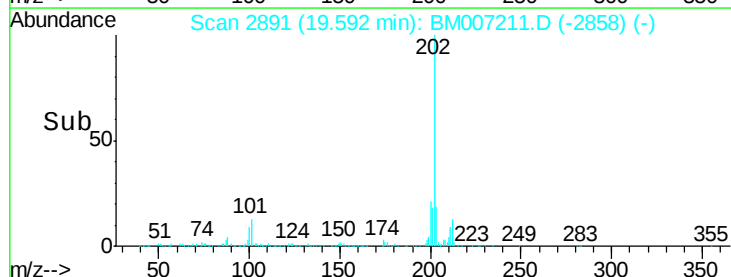
100 8.9 6.9 10.3

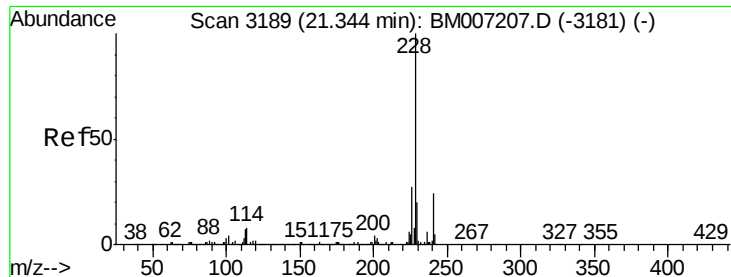


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.23 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

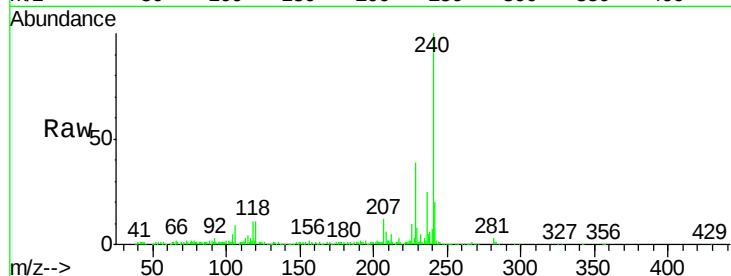
Instrument :

BNA_M

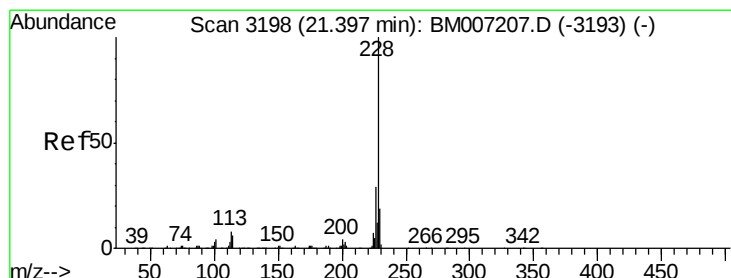
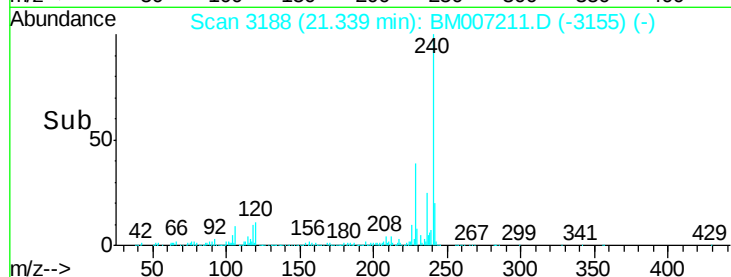
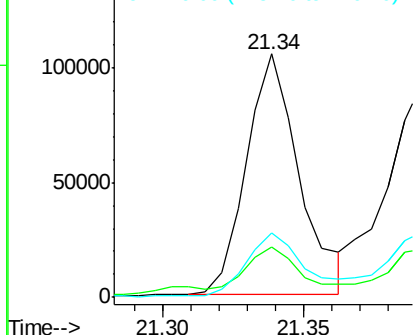
ClientSampleId :

E5N23

Tgt Ion:	228	Resp:	136171
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	26.5	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: 1.28 ng/ul

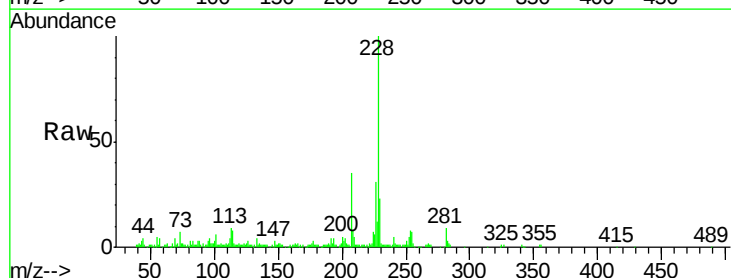
RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

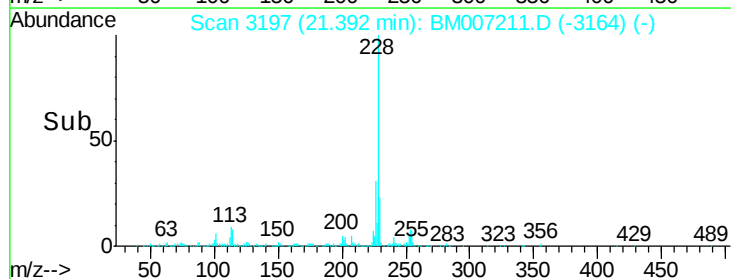
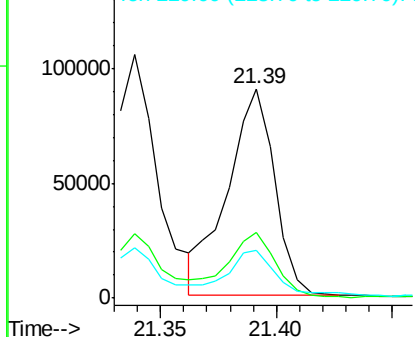
Lab File: BM007211.D

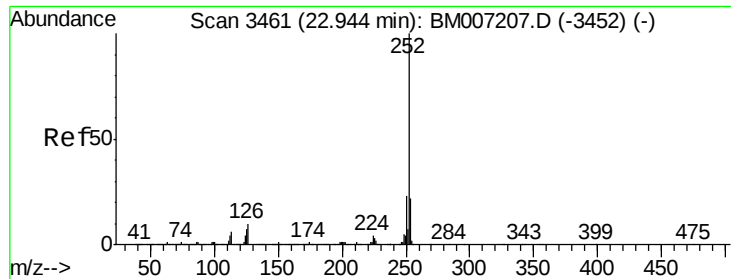
Acq: 18 Aug 2016 19:27

Tgt Ion:	228	Resp:	128901
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.1	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: 2.07 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

E5N23

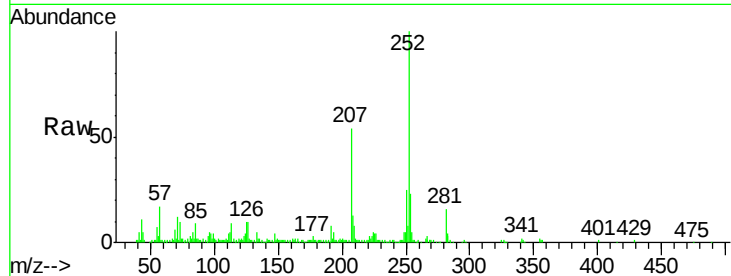
Tgt Ion:252 Resp: 240922

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

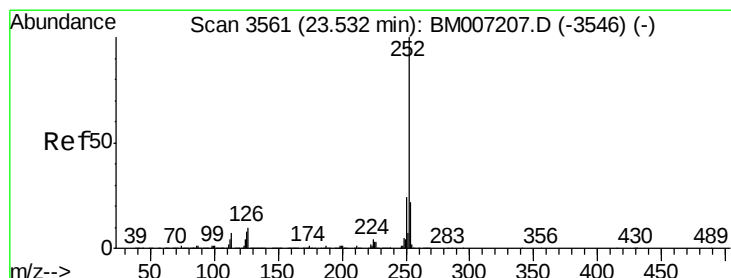
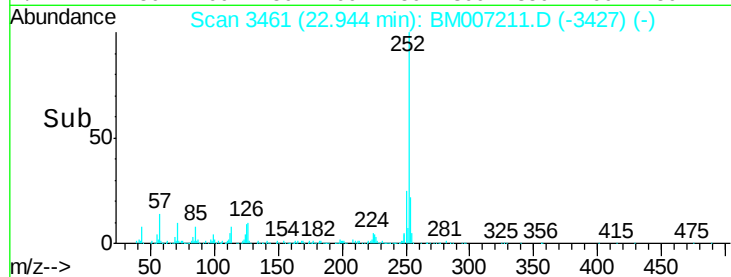
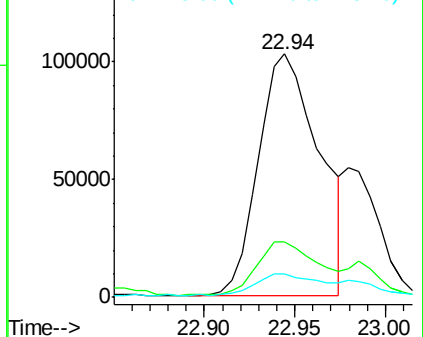
125 9.8 5.8 8.8#



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: 1.49 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

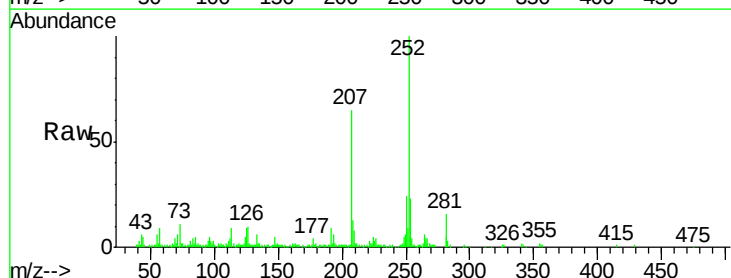
Tgt Ion:252 Resp: 164454

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

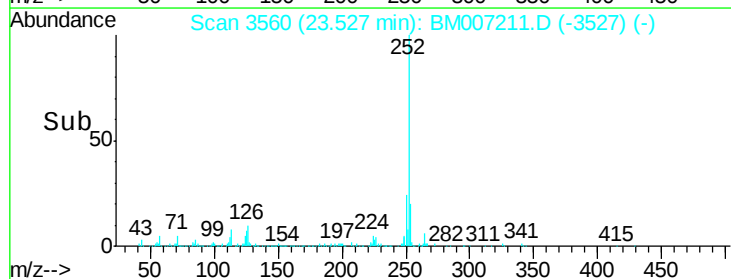
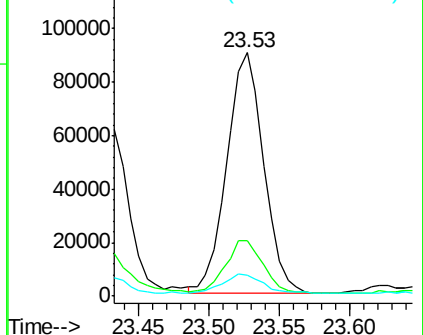
125 8.6 6.6 9.8

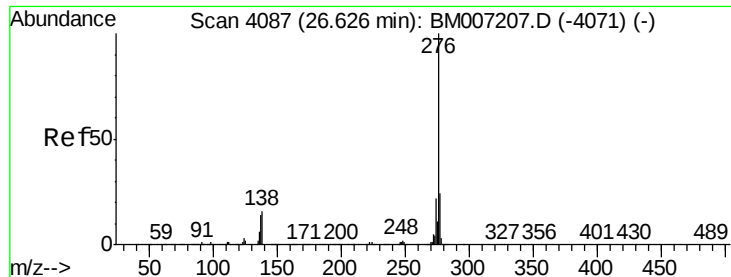


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

E5N23

Tgt Ion: 276 Resp: 128058

Ion Ratio Lower Upper

276 100

138 13.9 13.5 20.3

277 22.4 19.3 28.9

