

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007213.D
 Acq On : 18 Aug 2016 20:39
 Operator : UM/SJ
 Sample : H4445-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N26

Quant Time: Aug 19 04:49:20 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	222050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	893030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	518641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1256643	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1646021	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1712060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	18541	3.65	ng/uL	0.00
5) Phenol-d5	6.97	99	378792	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	220842	21.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	303736	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	300634	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	140949	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	156221	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	303445	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	364411	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	957700	22.35	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1157539	22.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	153401	19.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	842892	22.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	113787	16.39	ng/ul	0.00
70) Anthracene-d10	17.27	188	1368536	23.51	ng/ul	0.00
76) Pyrene-d10	19.57	212	1754251	25.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2019939	25.79	ng/ul	0.00

Target Compounds

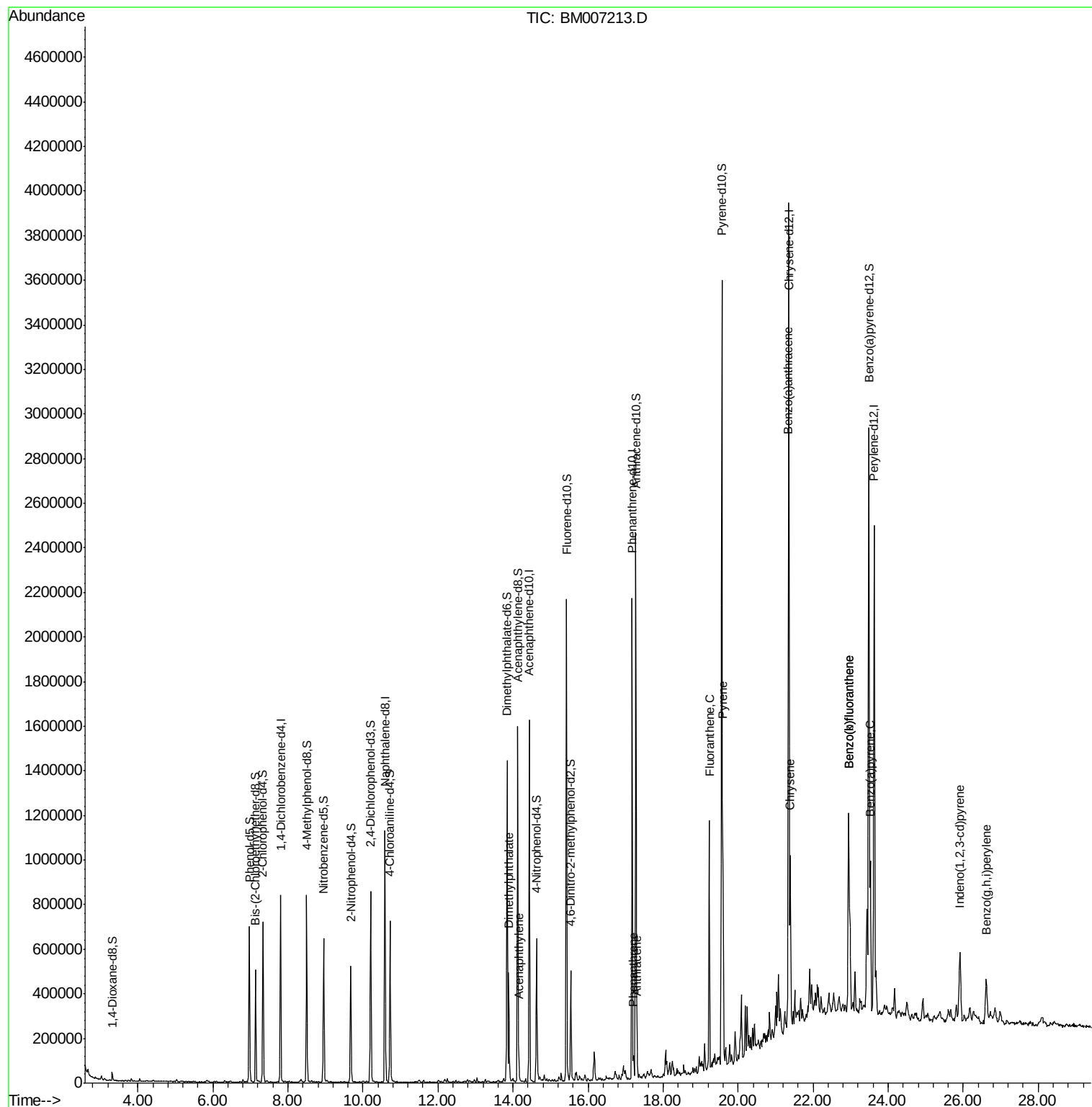
						Qvalue
44) Dimethylphthalate	13.89	163	293372	6.85	ng/ul	98
47) Acenaphthylene	14.16	152	86161	1.63	ng/ul	99
69) Phenanthrene	17.22	178	68833	1.02	ng/ul	99
71) Anthracene	17.31	178	93874	1.35	ng/ul	100
74) Fluoranthene	19.23	202	660567	8.06	ng/ul	100
77) Pyrene	19.59	202	824731	9.06	ng/ul	99
80) Benzo(a)anthracene	21.34	228	598619	6.16	ng/ul	98
82) Chrysene	21.39	228	465399	5.24	ng/ul	96
85) Benzo(b)fluoranthene	22.94	252	812721	7.88	ng/ul	97
86) Benzo(k)fluoranthene	22.94	252	812721	8.39	ng/ul	98
88) Benzo(a)pyrene	23.53	252	493614	5.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	315186	2.63	ng/ul	96
91) Benzo(g,h,i)perylene	26.62	276	252238	2.49	ng/ul	95

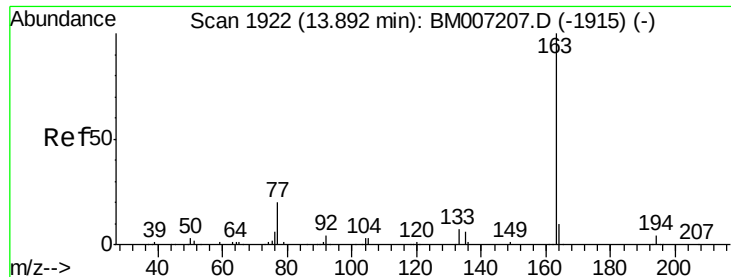
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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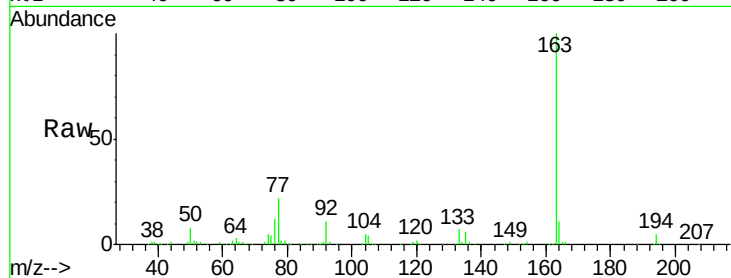




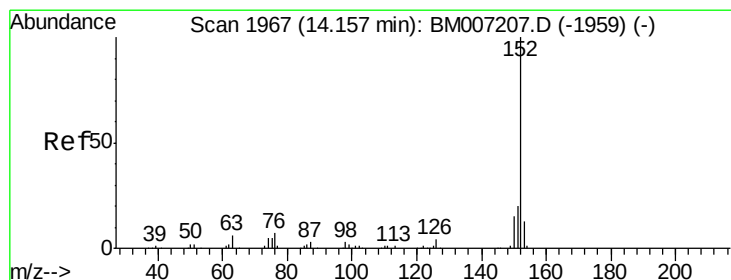
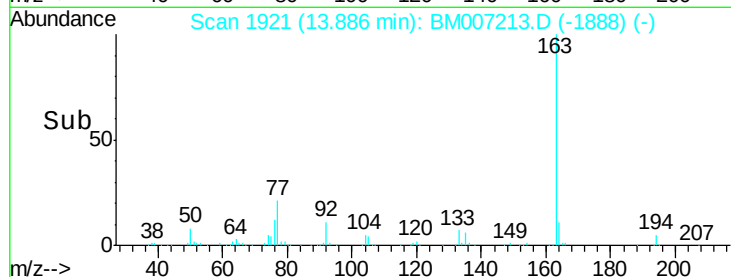
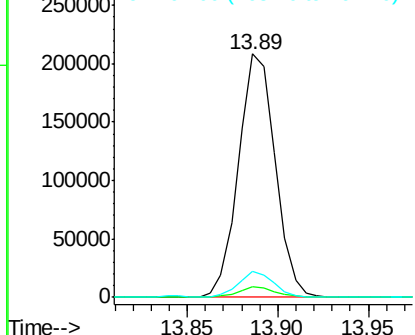
#44
Dimethylphthalate
Concen: 6.85 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Instrument :
BNA_M
ClientSampled :
E5N26

Tgt Ion:163 Resp: 293372
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.6 7.8 11.8

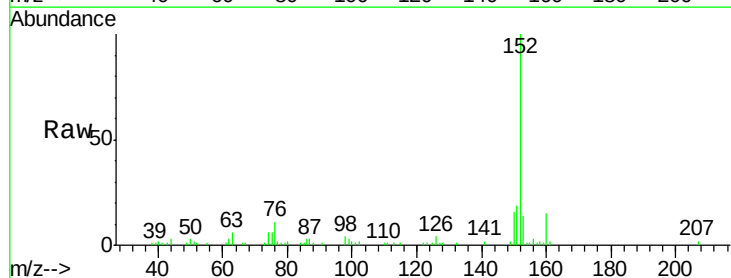


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

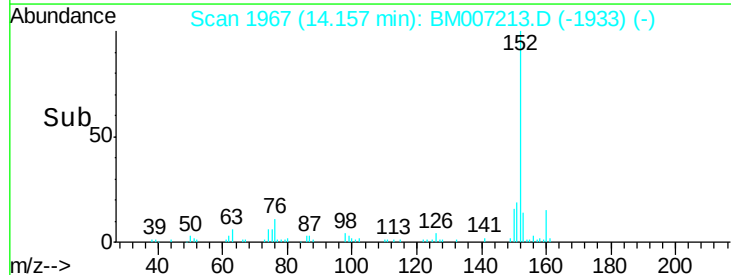
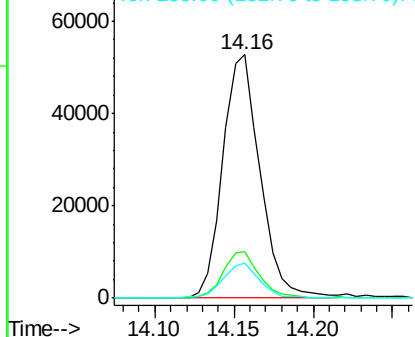


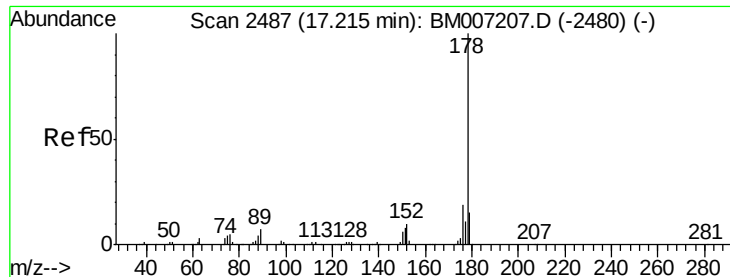
#47
Acenaphthylene
Concen: 1.63 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM007213.D
Acq: 18 Aug 2016 20:39

Tgt Ion:152 Resp: 86161
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 14.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.02 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

ClientSampleId :

E5N26

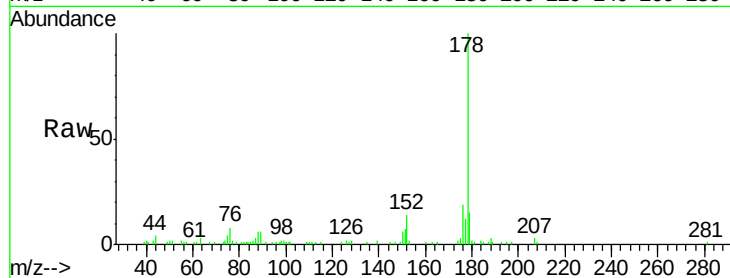
Tgt Ion:178 Resp: 68833

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

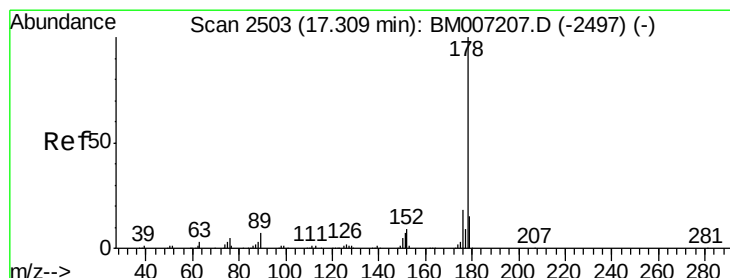
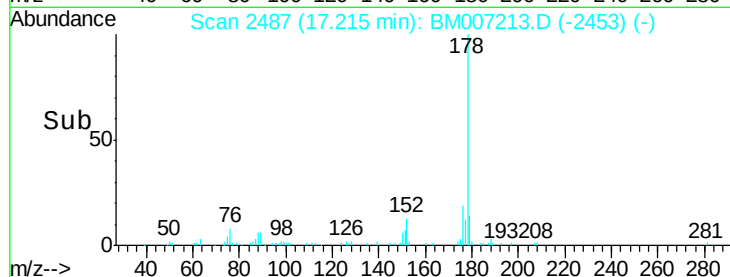
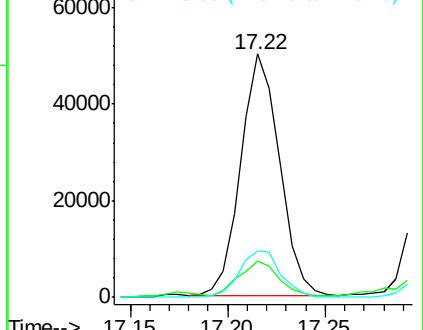
176 19.3 15.1 22.7



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



#71

Anthracene

Concen: 1.35 ng/ul

RT: 17.31 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

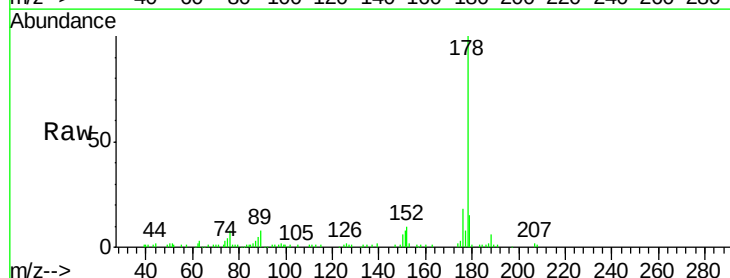
Tgt Ion:178 Resp: 93874

Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

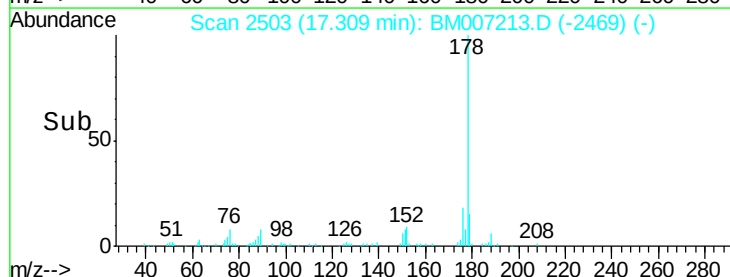
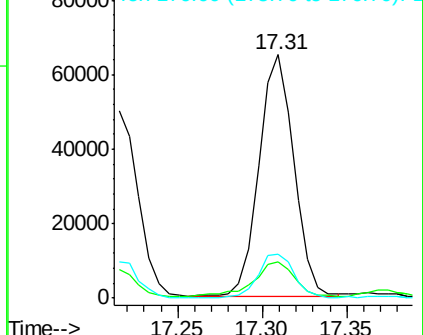
176 18.1 14.5 21.7

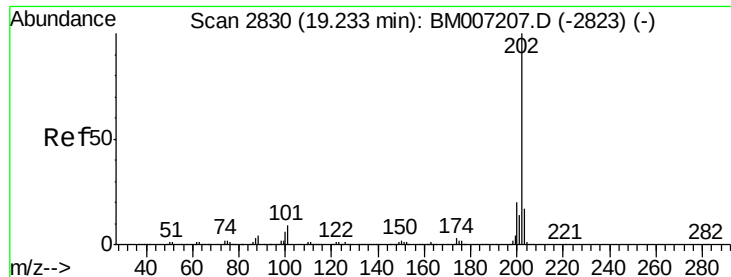


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.06 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

ClientSampleId :

E5N26

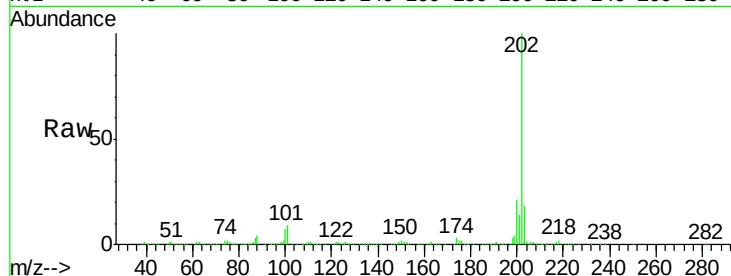
Tgt Ion:202 Resp: 660567

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

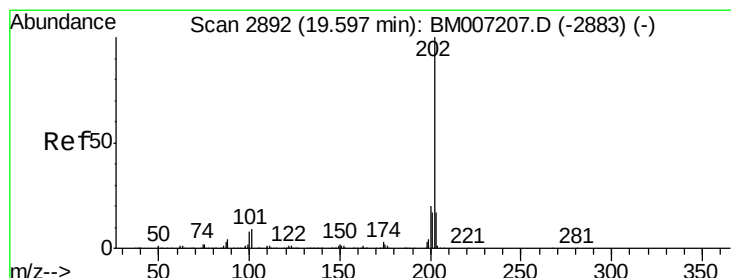
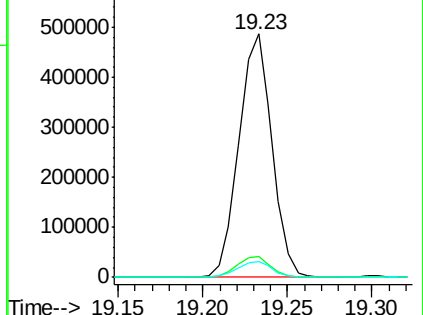
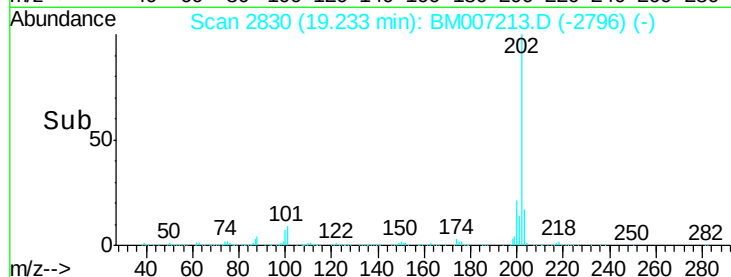
100 6.6 5.4 8.0



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: 9.06 ng/ul

RT: 19.59 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

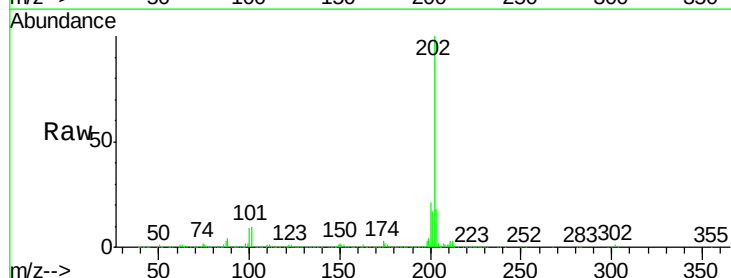
Tgt Ion:202 Resp: 824731

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

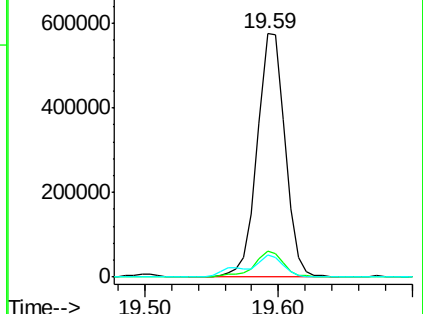
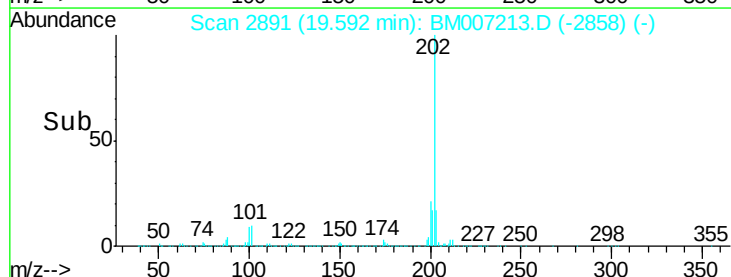
100 9.1 6.9 10.3

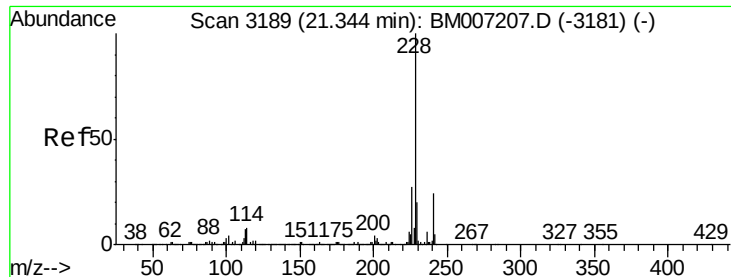


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 6.16 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

ClientSampleId :

E5N26

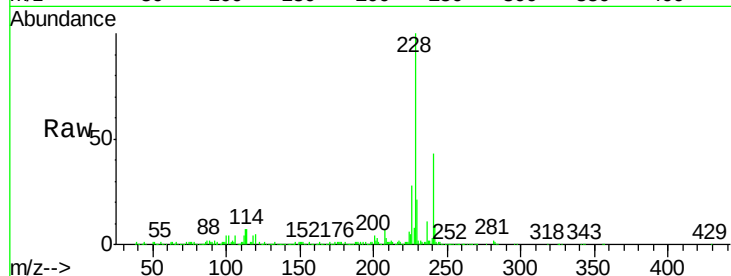
Tgt Ion:228 Resp: 598619

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

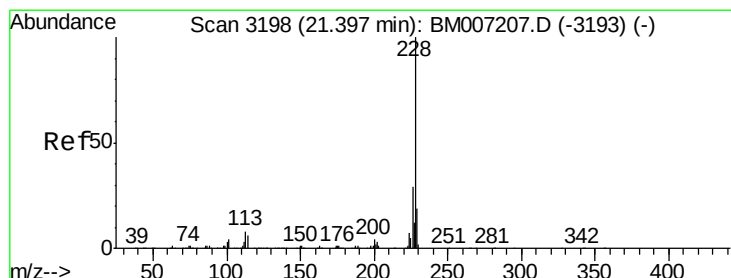
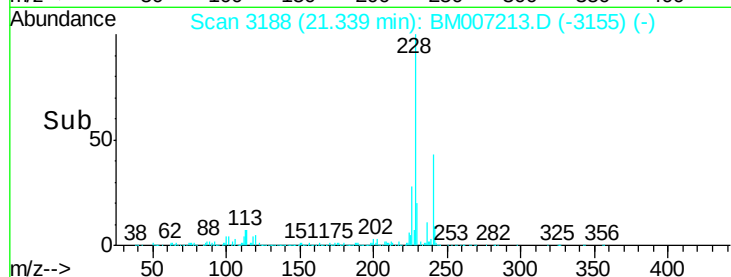
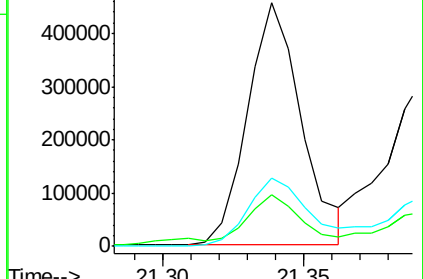
226 28.1 21.8 32.8



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: 5.24 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

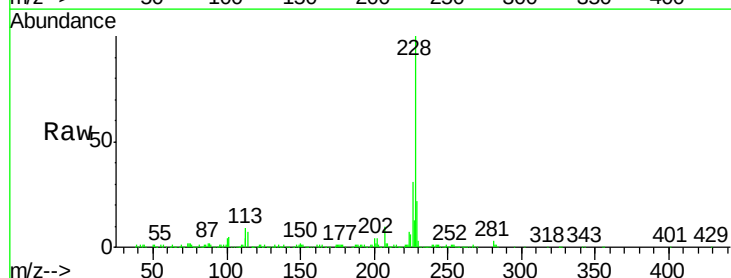
Tgt Ion:228 Resp: 465399

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

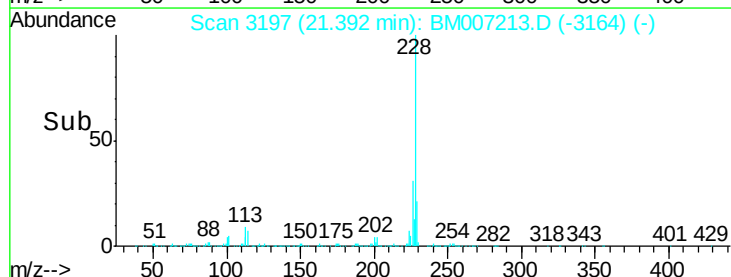
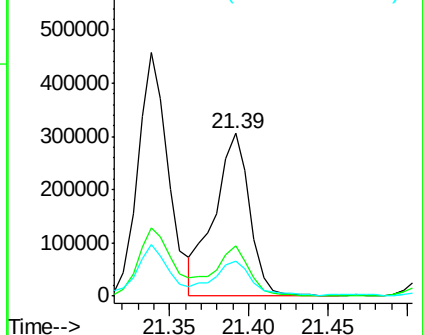
229 21.6 15.5 23.3

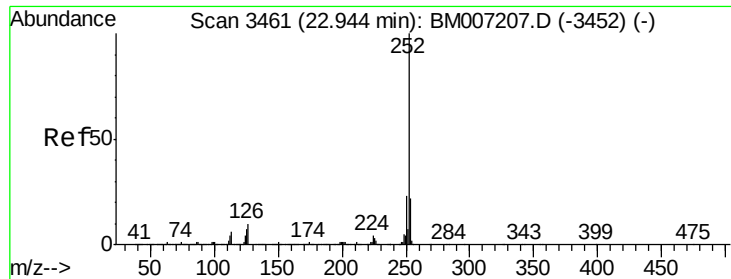


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 7.88 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

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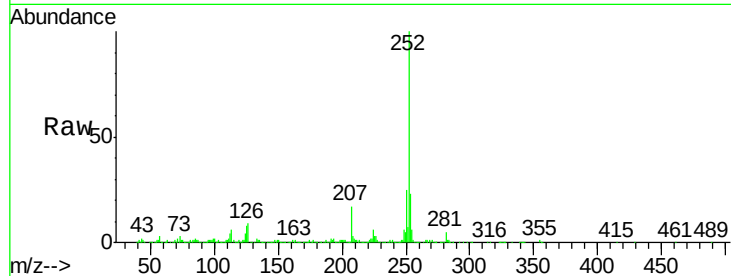
Tgt Ion:252 Resp: 812721

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

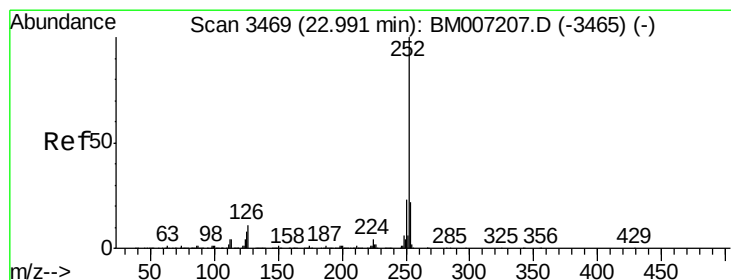
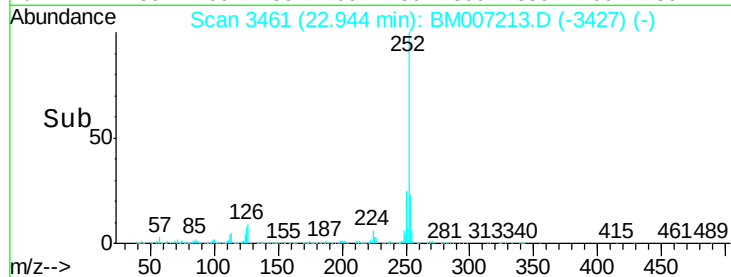
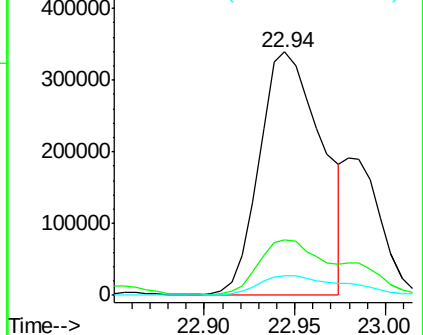
125 8.1 5.8 8.8



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: 8.39 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.05 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

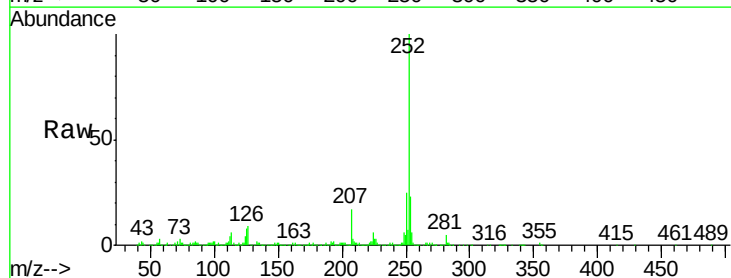
Tgt Ion:252 Resp: 812721

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

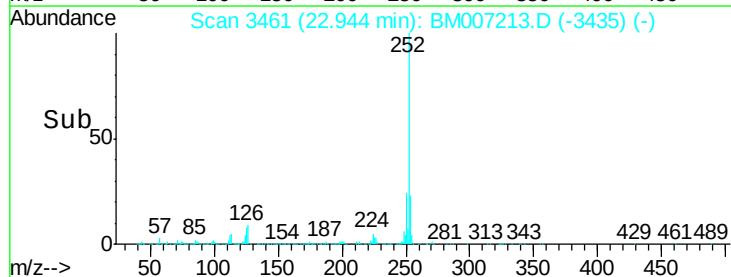
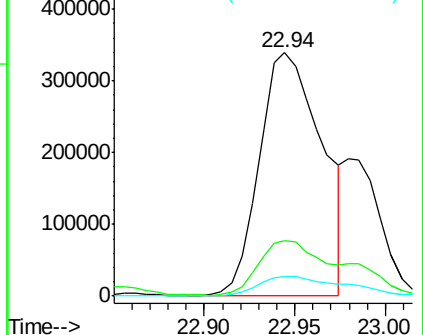
125 8.1 5.7 8.5

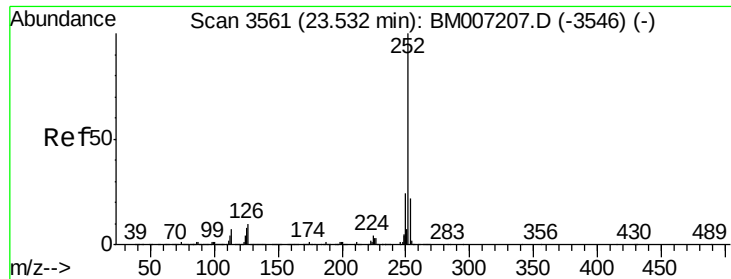


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.05 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007213.D

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E5N26

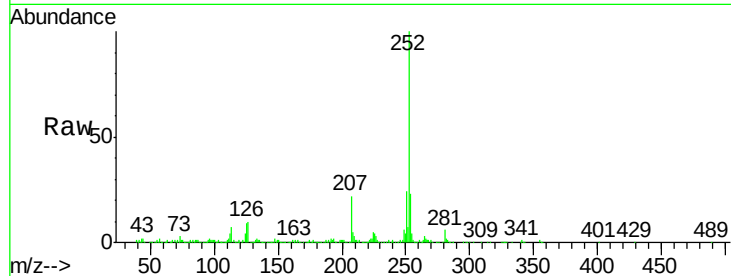
Tgt Ion:252 Resp: 493614

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

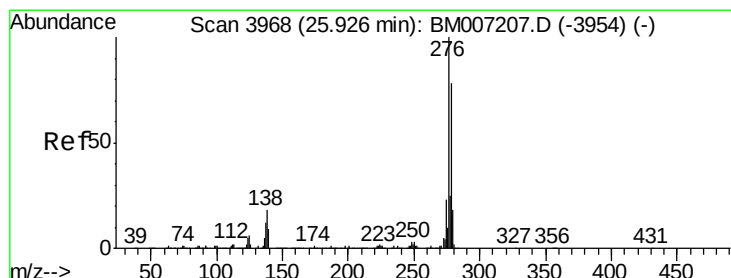
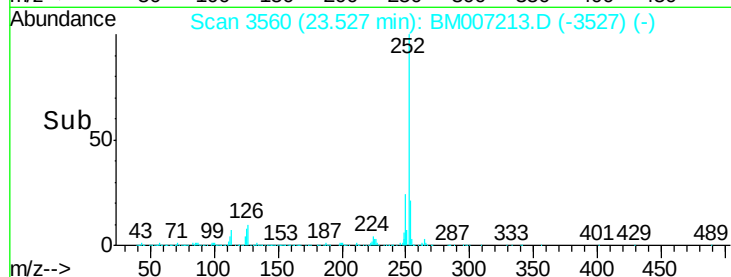
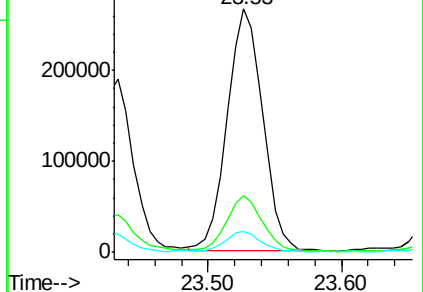
125 8.5 6.6 9.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng/ul

RT: 25.91 min Scan# 3965

Delta R.T. -0.02 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

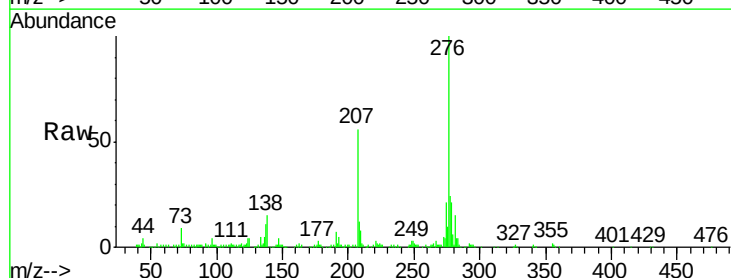
Tgt Ion:276 Resp: 315186

Ion Ratio Lower Upper

276 100

138 14.5 13.9 20.9

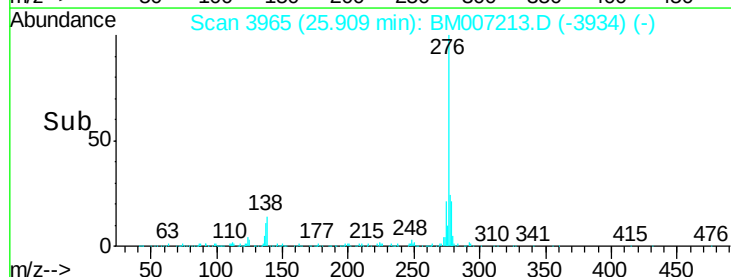
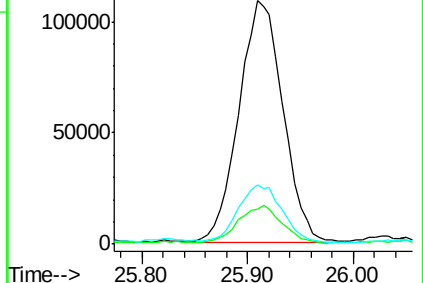
277 24.2 20.1 30.1

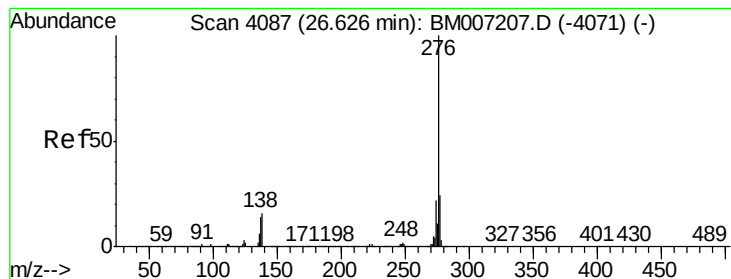


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.49 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007213.D

Acq: 18 Aug 2016 20:39

Instrument :

BNA_M

ClientSampleId :

E5N26

Tgt Ion: 276 Resp: 252238

Ion Ratio Lower Upper

276 100

138 14.4 13.5 20.3

277 21.5 19.3 28.9

