

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081916\
 Data File : BM007230.D
 Acq On : 19 Aug 2016 10:54
 Operator : UM/SJ
 Sample : H4445-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N24

Quant Time: Aug 19 13:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	244035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	976388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	566009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1338554	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1668872	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1700414	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	15217	2.72	ng/uL	0.00
5) Phenol-d5	6.96	99	339573	17.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	216497	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	275812	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	258057	15.86	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	126420	17.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	126253	16.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	283157	17.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	300179	15.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	901777	19.28	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1119461	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	93937	11.21	ng/ul	0.00
57) Fluorene-d10	15.42	176	817047	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	62944	8.51	ng/ul	0.00
70) Anthracene-d10	17.27	188	1284989	20.72	ng/ul	0.00
76) Pyrene-d10	19.57	212	1562672	22.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1637456	21.05	ng/ul	0.00

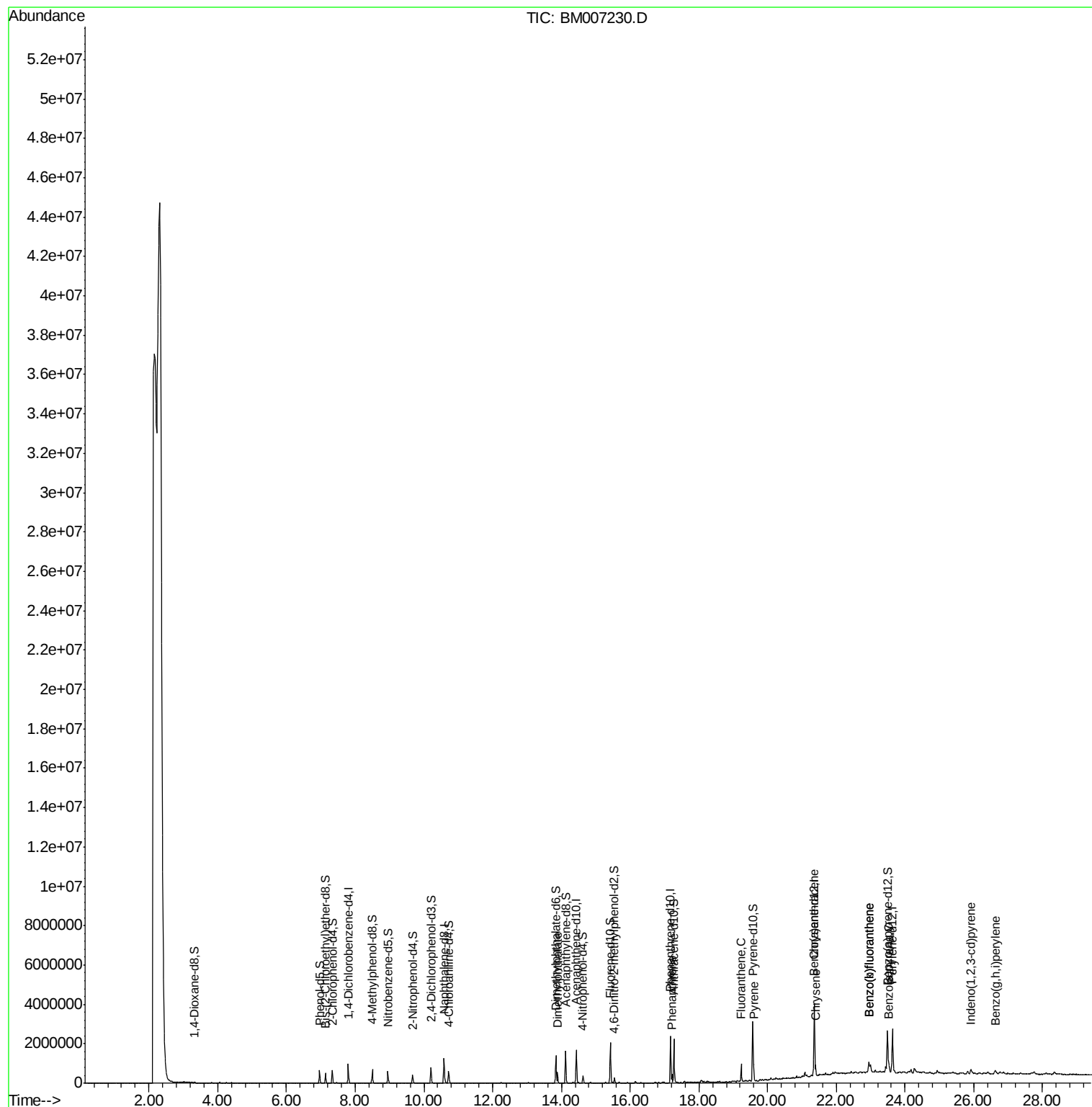
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.89	163	313862	6.71	ng/ul	98
69) Phenanthrene	17.22	178	254130	3.53	ng/ul	99
74) Fluoranthene	19.23	202	553396	6.34	ng/ul	100
77) Pyrene	19.60	202	501077	5.43	ng/ul	99
80) Benzo(a)anthracene	21.35	228	313765	3.18	ng/ul	99
82) Chrysene	21.39	228	320110	3.55	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	463021	4.52	ng/ul	97
86) Benzo(k)fluoranthene	22.95	252	463021	4.81	ng/ul	98
88) Benzo(a)pyrene	23.53	252	292049	3.01	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.92	276	222801	1.87	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	241251	2.40	ng/ul	99

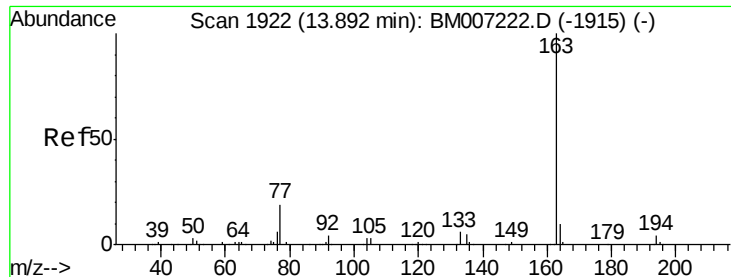
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.71 ng/ul

RT: 13.89 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

Instrument :

BNA_M

ClientSampleId :

E5N24

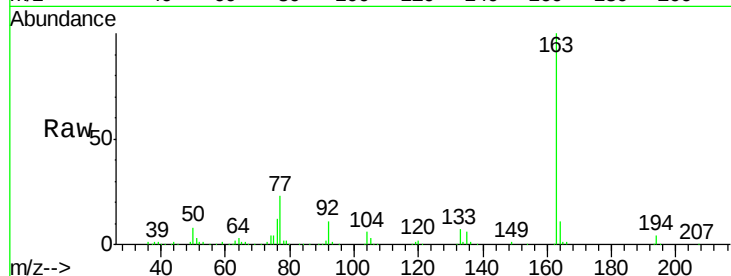
Tgt Ion:163 Resp: 313862

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

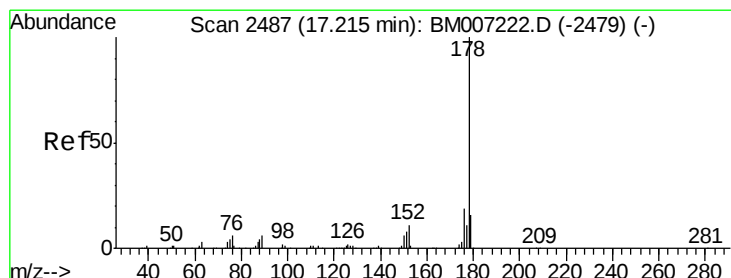
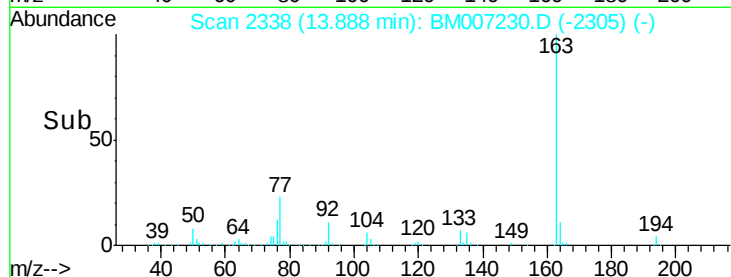
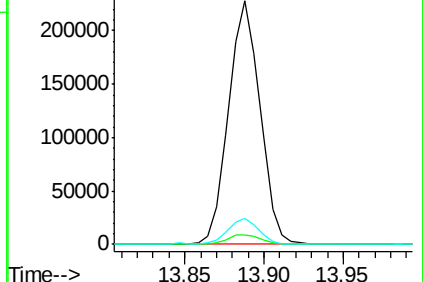
164 10.8 7.8 11.8



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: 3.53 ng/ul

RT: 17.22 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

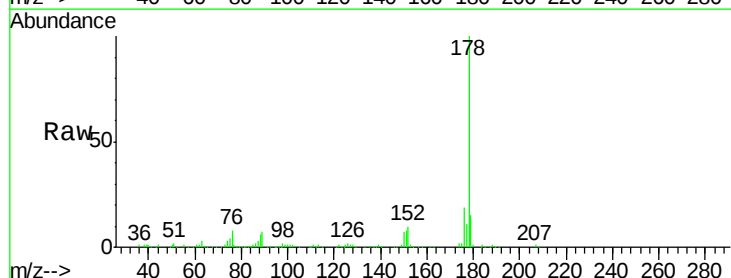
Tgt Ion:178 Resp: 254130

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

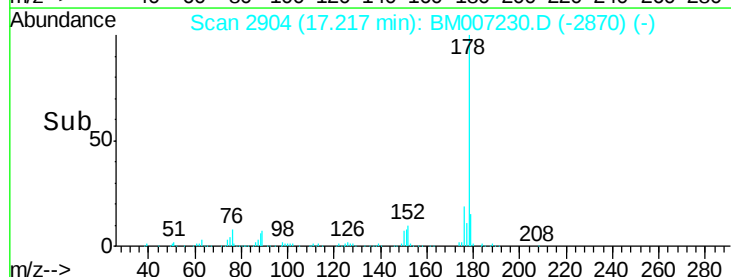
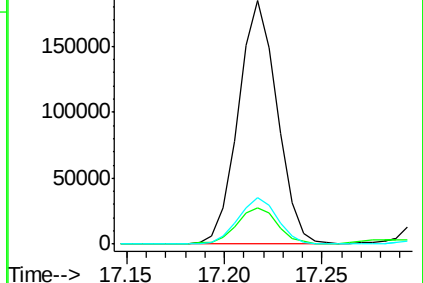
176 19.3 15.1 22.7

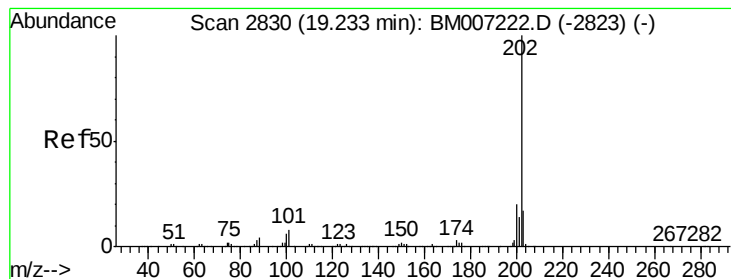


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.34 ng/ul

RT: 19.23 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

Instrument :

BNA_M

ClientSampleId :

E5N24

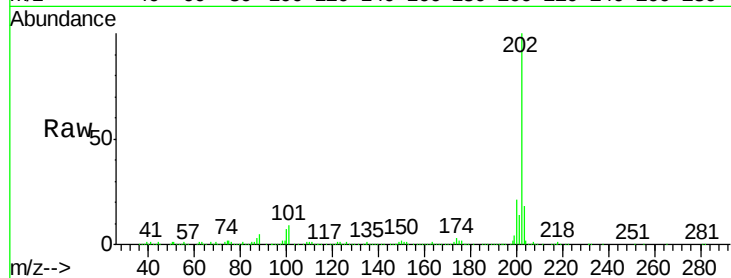
Tgt Ion:202 Resp: 553396

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

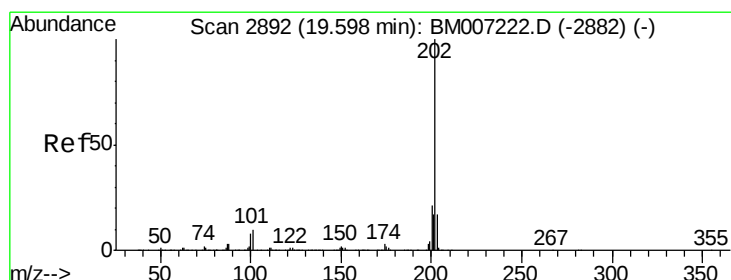
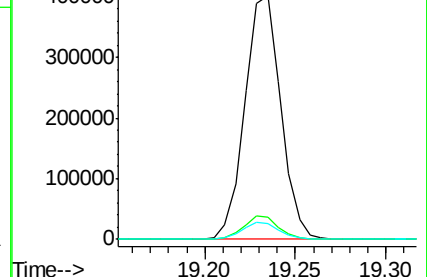
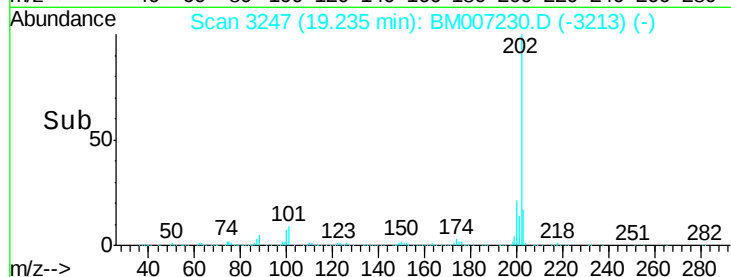
100 6.7 5.4 8.0



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: 5.43 ng/ul

RT: 19.60 min Scan# 3309

Delta R.T. 0.00 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

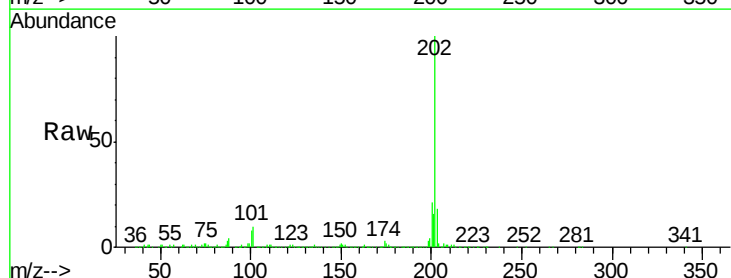
Tgt Ion:202 Resp: 501077

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

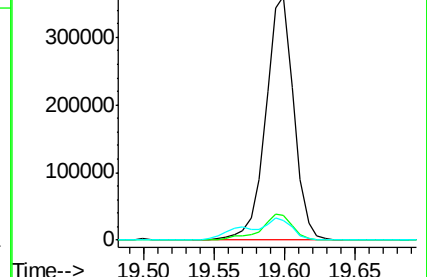
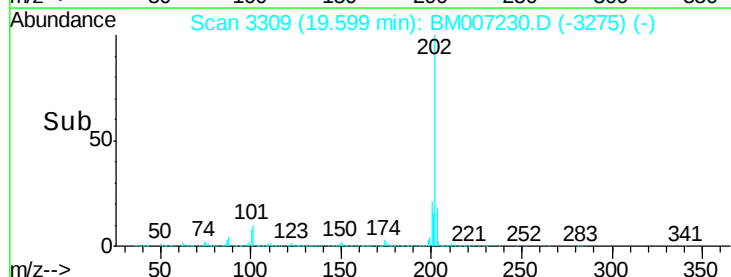
100 7.8 6.9 10.3

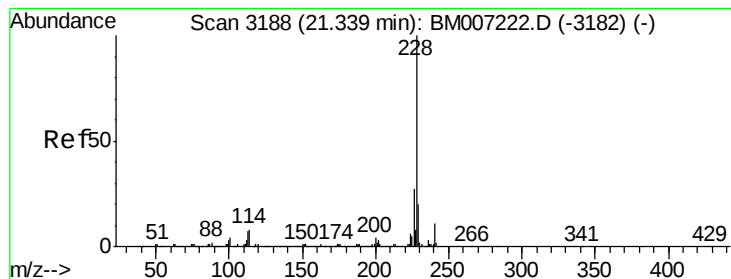


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.18 ng/ul

RT: 21.35 min Scan# 3606

Delta R.T. 0.01 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

Instrument :

BNA_M

ClientSampleId :

E5N24

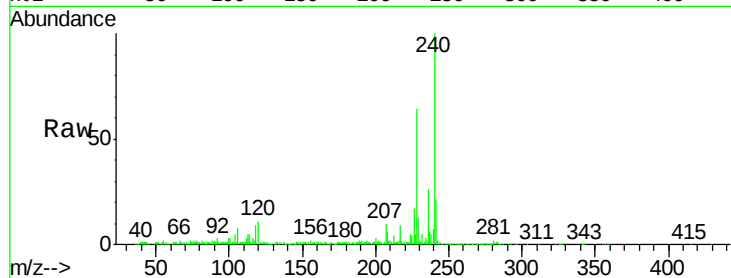
Tgt Ion:228 Resp: 313765

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

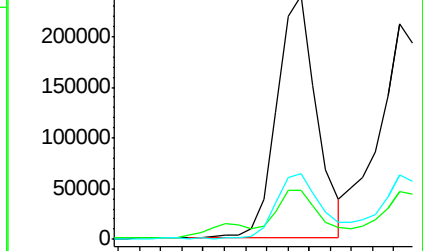
226 27.0 21.8 32.8



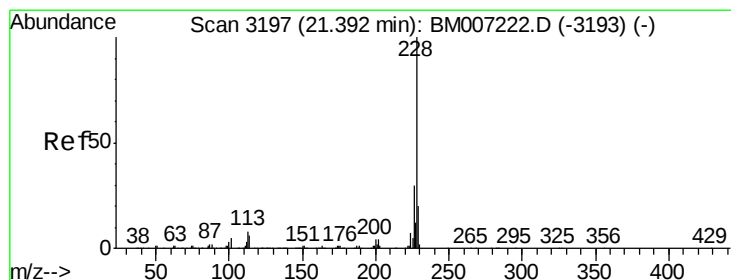
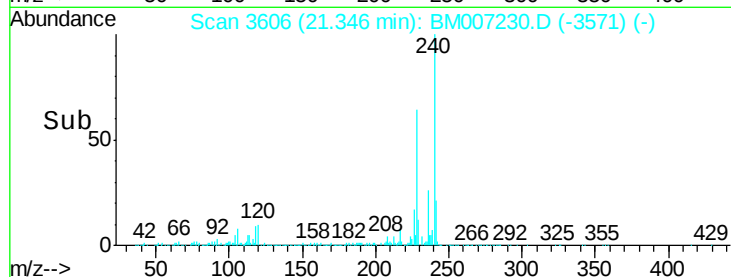
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#82

Chrysene

Concen: 3.55 ng/ul

RT: 21.39 min Scan# 3614

Delta R.T. 0.00 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

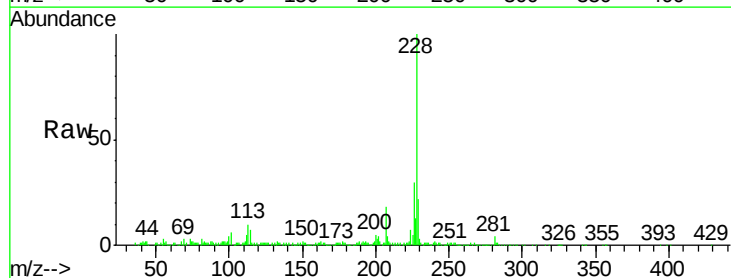
Tgt Ion:228 Resp: 320110

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

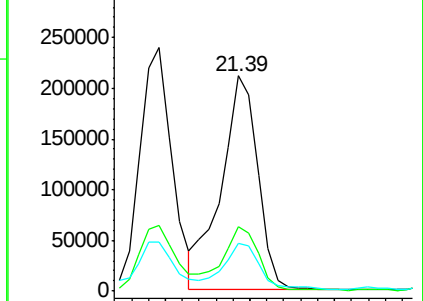
229 22.4 15.5 23.3



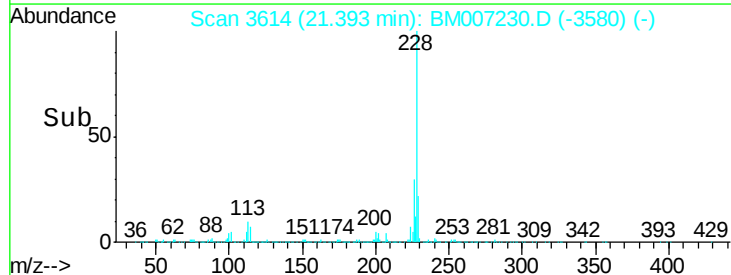
Abundance Ion 228.00 (227.70 to 228.70): E

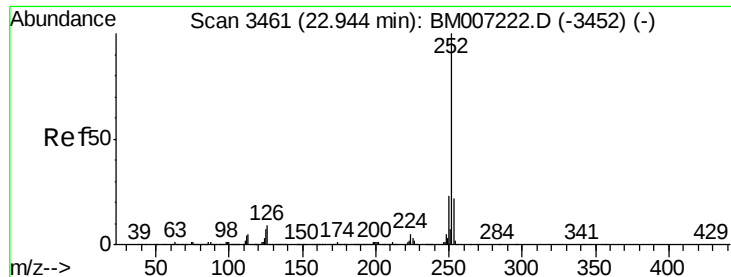
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

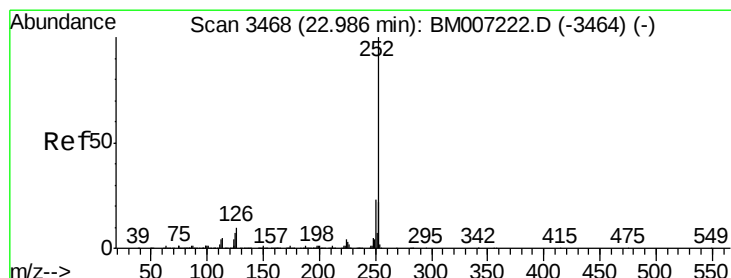
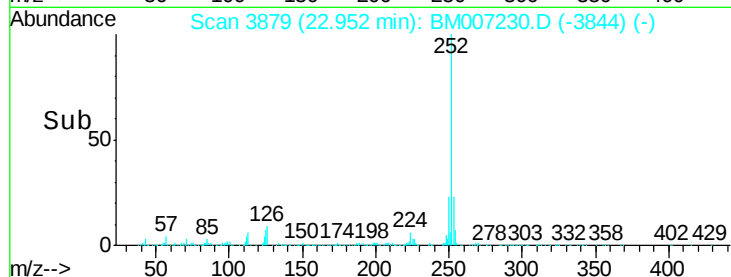
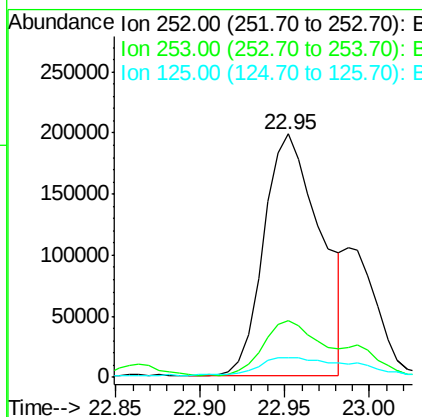
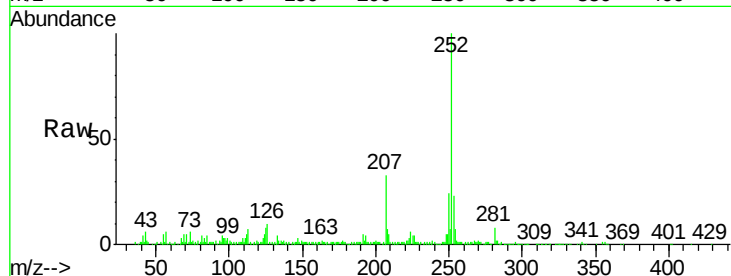




#85
Benzo(b)fluoranthene
Concen: 4.52 ng/ul
RT: 22.95 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

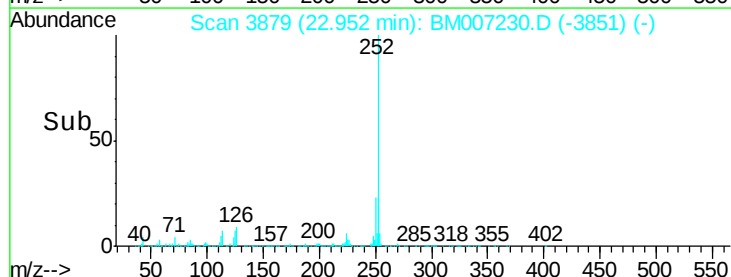
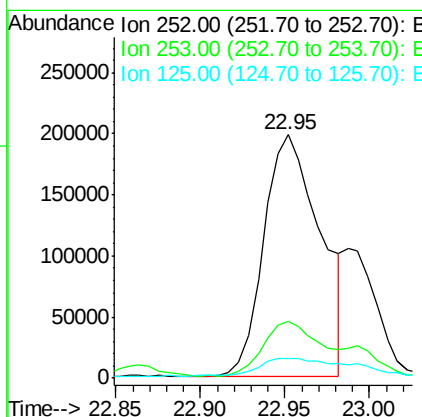
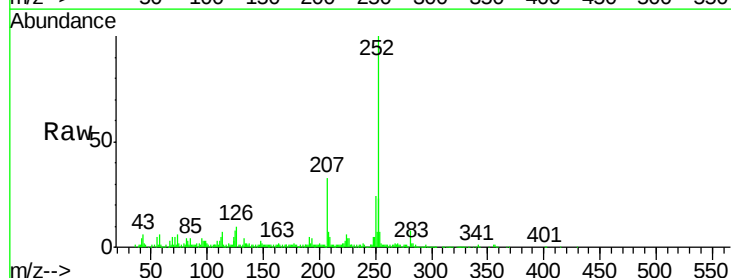
Instrument :
BNA_M
ClientSampleId :
E5N24

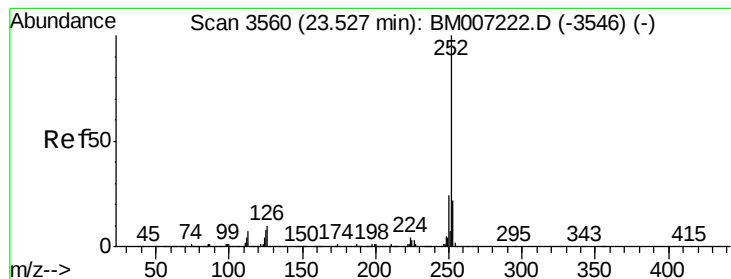
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.1	5.8	8.8



#86
Benzo(k)fluoranthene
Concen: 4.81 ng/ul
RT: 22.95 min Scan# 3879
Delta R.T. -0.03 min
Lab File: BM007230.D
Acq: 19 Aug 2016 10:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.1	5.7	8.5





#88

Benzo(a)pyrene

Concen: 3.01 ng/ul

RT: 23.53 min Scan# 3978

Delta R.T. 0.01 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

Instrument :

BNA_M

ClientSampleId :

E5N24

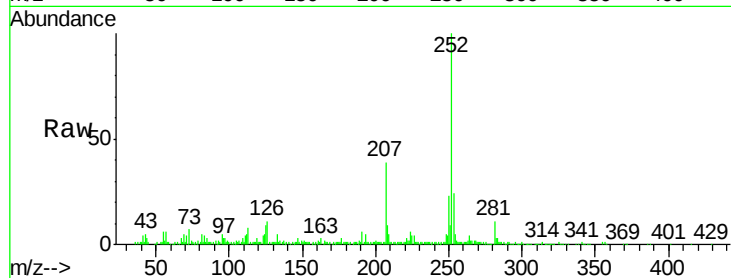
Tgt Ion:252 Resp: 292049

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

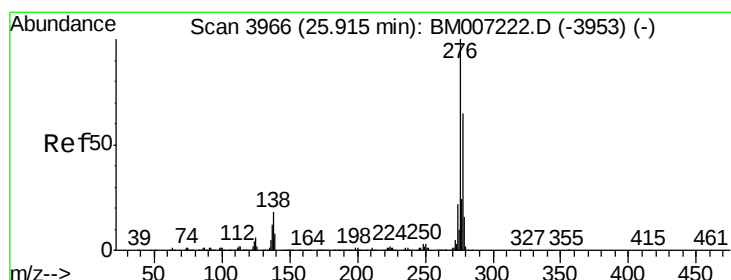
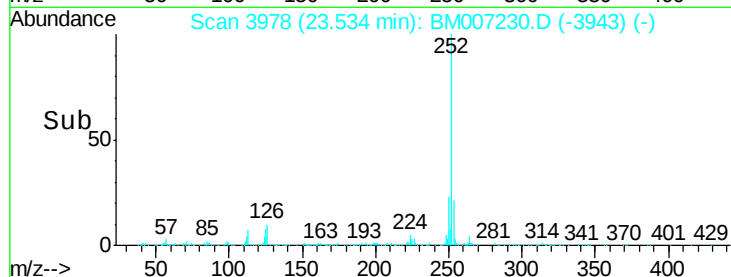
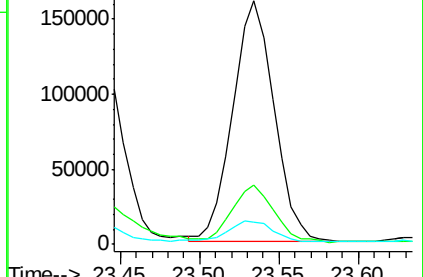
125 9.0 6.6 9.8



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: 1.87 ng/ul

RT: 25.92 min Scan# 4384

Delta R.T. 0.01 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

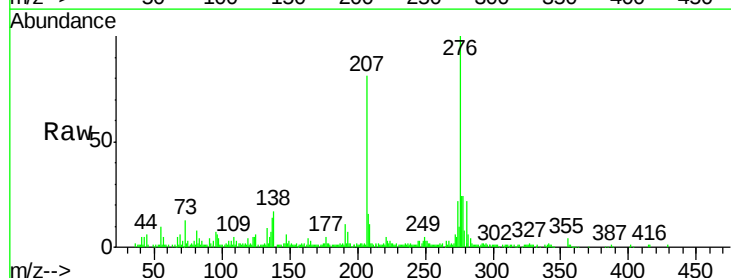
Tgt Ion:276 Resp: 222801

Ion Ratio Lower Upper

276 100

138 16.6 13.9 20.9

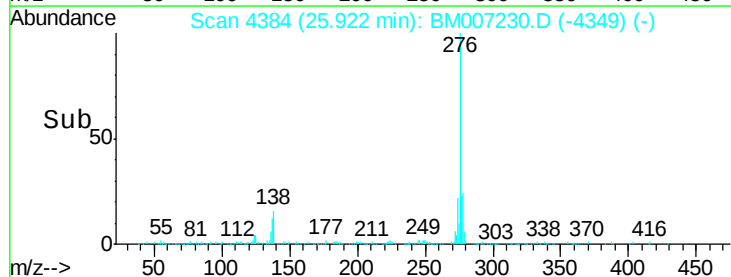
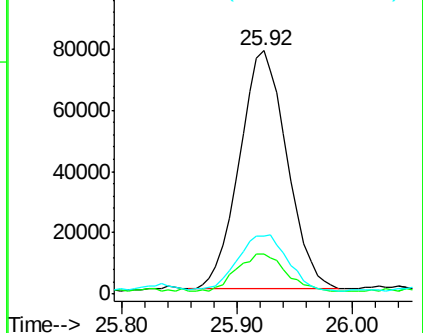
277 23.6 20.1 30.1

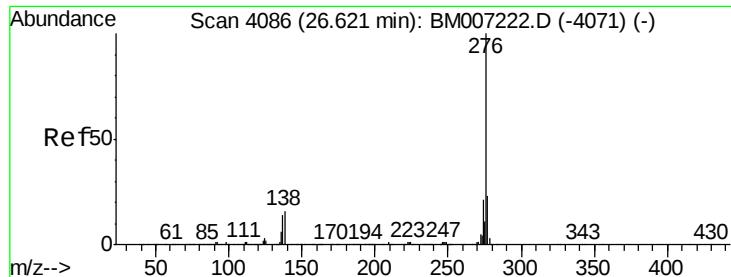


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.40 ng/ul

RT: 26.63 min Scan# 4504

Delta R.T. 0.01 min

Lab File: BM007230.D

Acq: 19 Aug 2016 10:54

Instrument :

BNA_M

ClientSampleId :

E5N24

Tgt Ion: 276 Resp: 241251

Ion Ratio Lower Upper

276 100

138 15.7 13.5 20.3

277 24.0 19.3 28.9

