

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK7

Quant Time: May 23 05:34:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	227192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	146268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	368038	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	508750	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	575120	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5425	5.04	ng/uL	0.00
5) Phenol-d5	6.98	99	89079	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	51991	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	70117	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	68518	21.66	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	37038	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	43362	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	78962	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	98957	27.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	281254	23.56	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	340196	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44865	19.87	ng/ul	-0.01
57) Fluorene-d10	15.43	176	252972	24.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	33789	15.96	ng/ul	0.00
70) Anthracene-d10	17.28	188	414319	23.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	515440	22.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	625020	23.27	ng/ul	0.00

Target Compounds

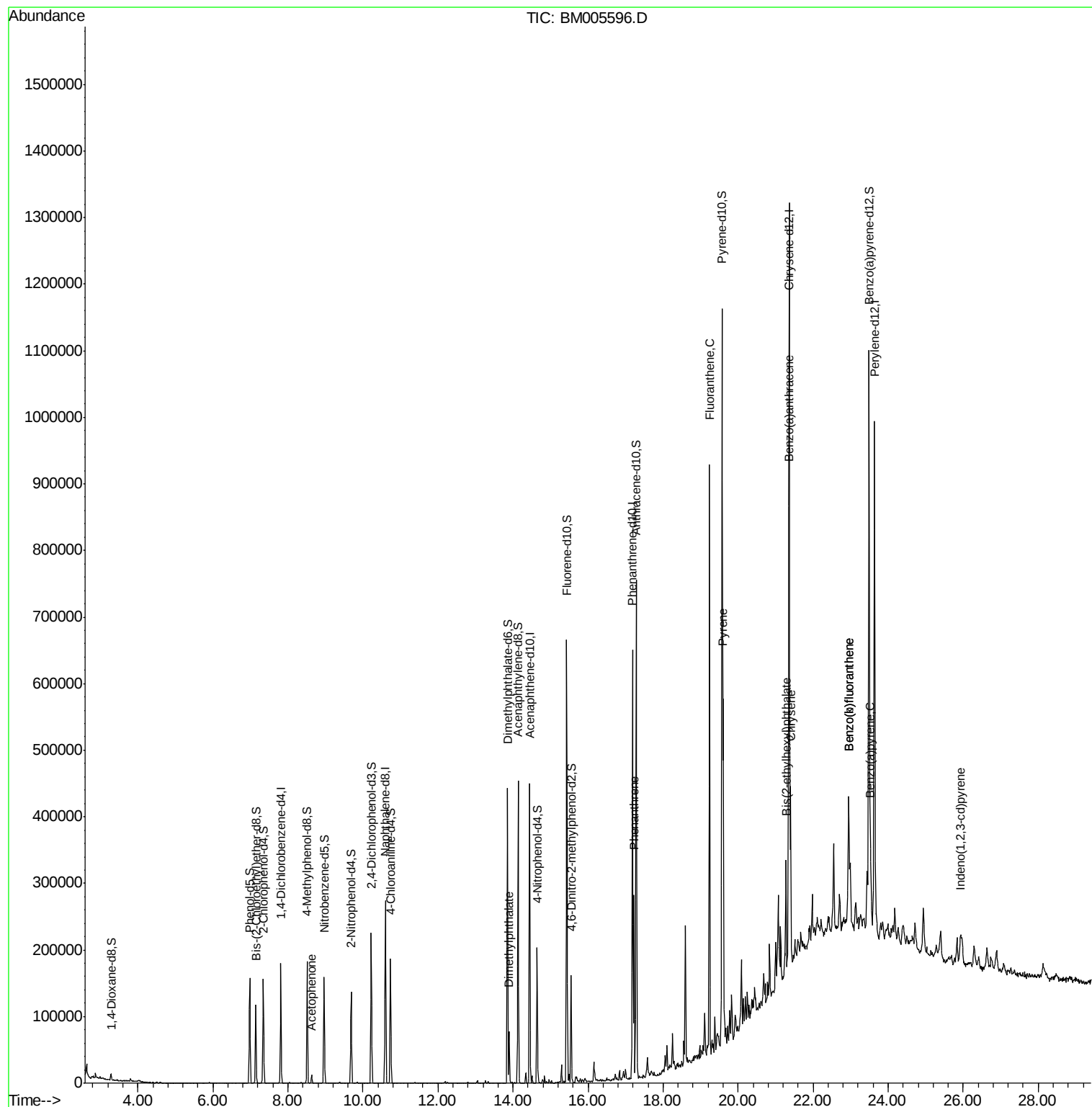
						Qvalue
14) Acetophenone	8.63	105	7241	1.52	ng/ul	93
44) Dimethylphthalate	13.90	163	46963	3.98	ng/ul	98
69) Phenanthrene	17.23	178	163529	7.95	ng/ul	99
74) Fluoranthene	19.24	202	514160	22.21	ng/ul	99
77) Pyrene	19.60	202	326876	11.18	ng/ul	98
80) Benzo(a)anthracene	21.34	228	89433	2.99	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	56807	3.26	ng/ul	99
82) Chrysene	21.40	228	156425	5.50	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	154440	4.55	ng/ul#	95
86) Benzo(k)fluoranthene	22.95	252	154440	4.81	ng/ul	96
88) Benzo(a)pyrene	23.53	252	55828	1.70	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.93	276	41780	1.07	ng/ul#	95

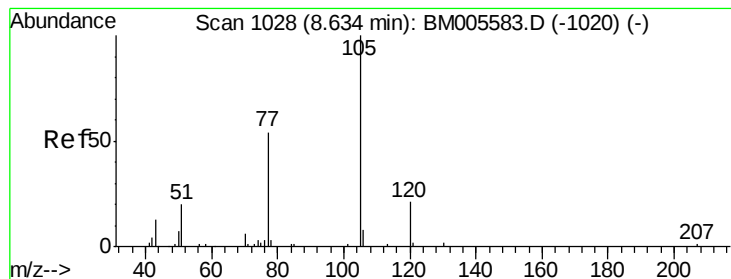
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.52 ng/ul

RT: 8.63 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

JHGK7

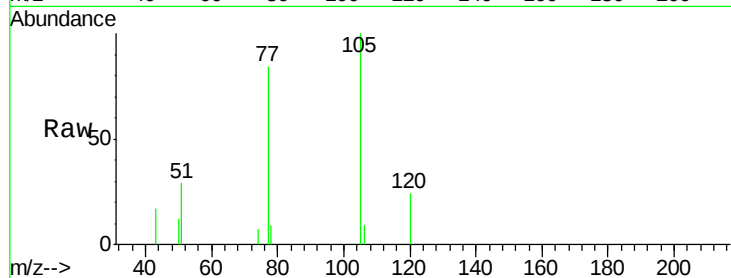
Tgt Ion:105 Resp: 7241

Ion Ratio Lower Upper

105 100

77 83.7 60.8 91.2

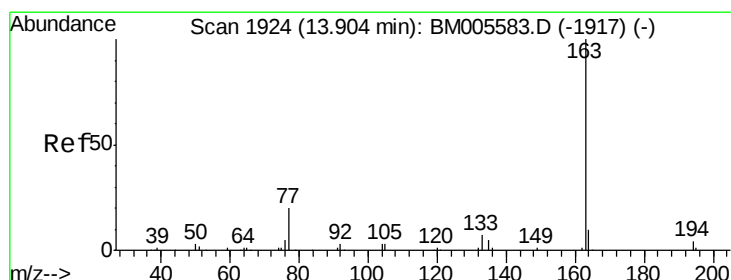
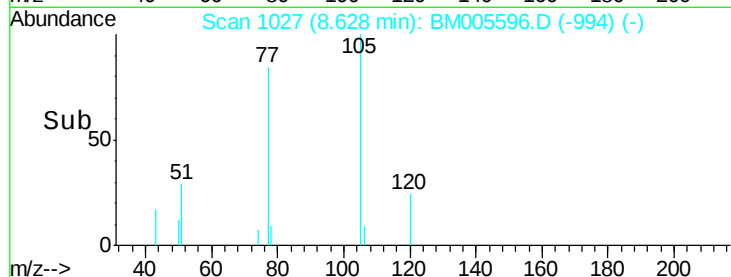
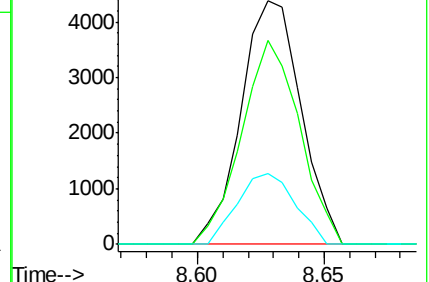
51 29.0 22.2 33.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 3.98 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

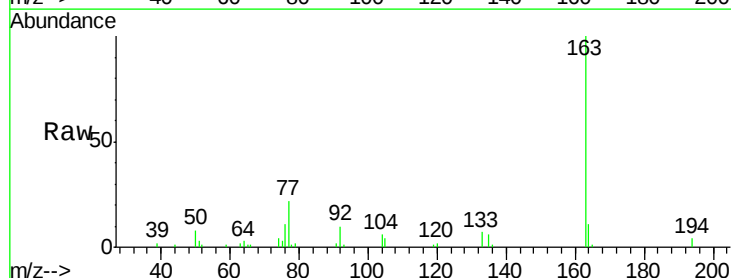
Tgt Ion:163 Resp: 46963

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

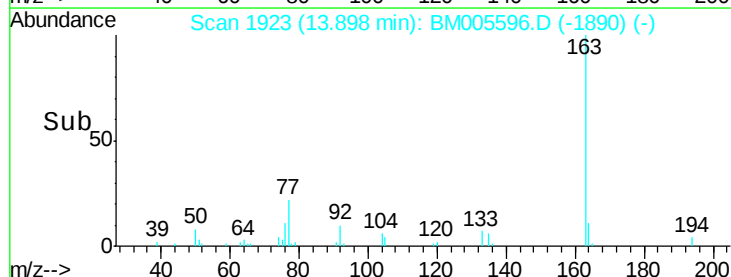
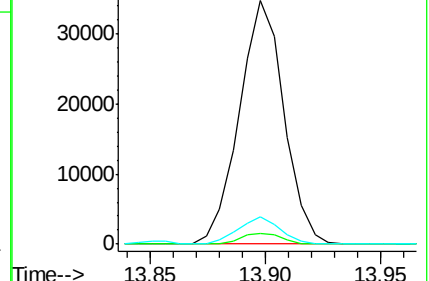
164 11.1 8.0 12.0

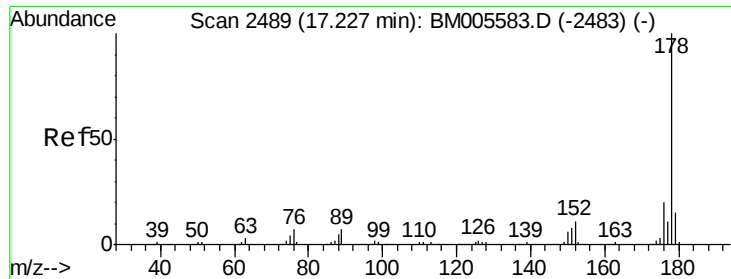


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 7.95 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

JHGK7

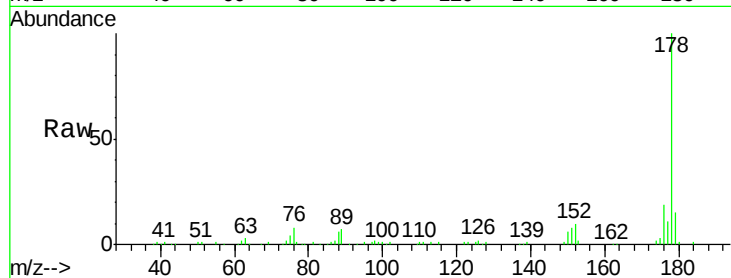
Tgt Ion:178 Resp: 163529

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

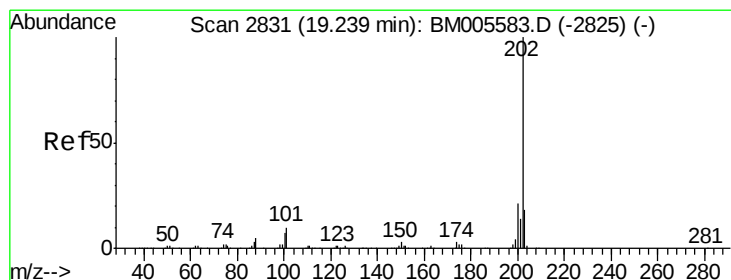
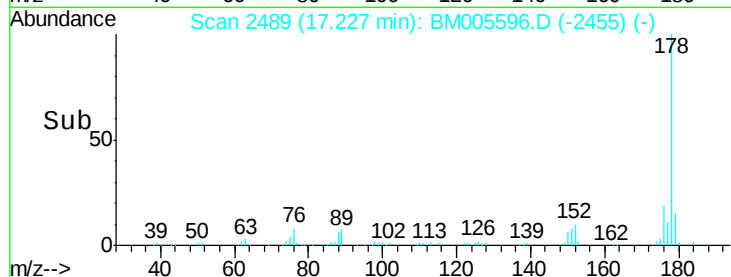
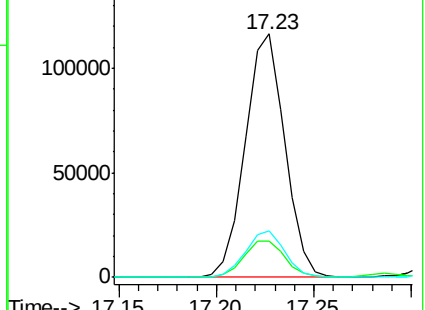
176 19.3 15.8 23.6



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: 22.21 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

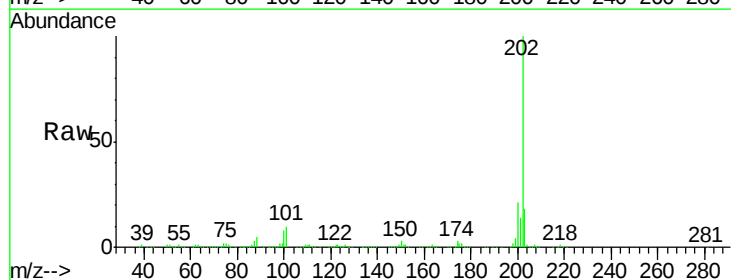
Tgt Ion:202 Resp: 514160

Ion Ratio Lower Upper

202 100

101 9.7 7.9 11.9

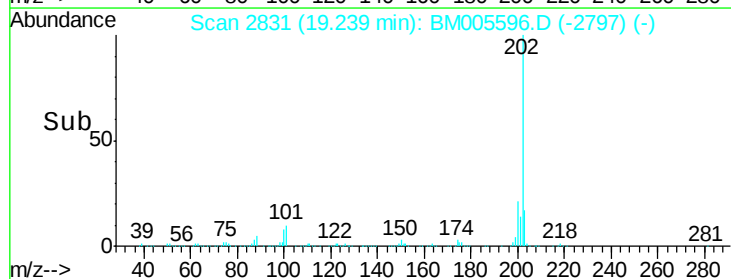
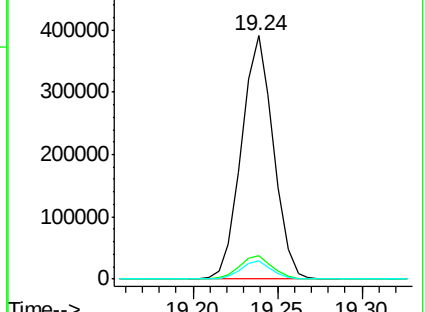
100 7.5 5.6 8.4

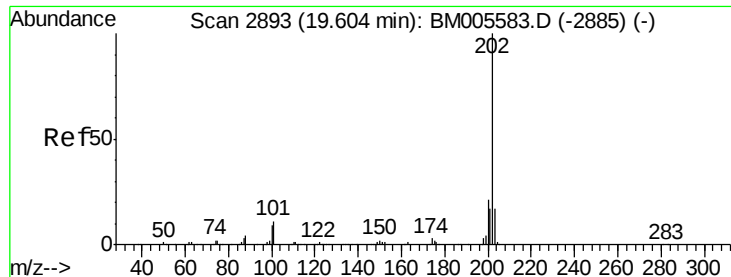


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 11.18 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

JHGK7

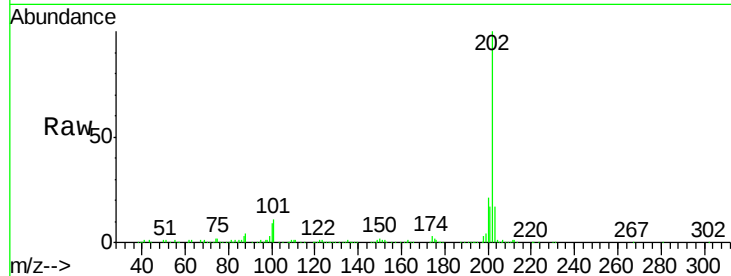
Tgt Ion:202 Resp: 326876

Ion Ratio Lower Upper

202 100

101 10.9 9.6 14.4

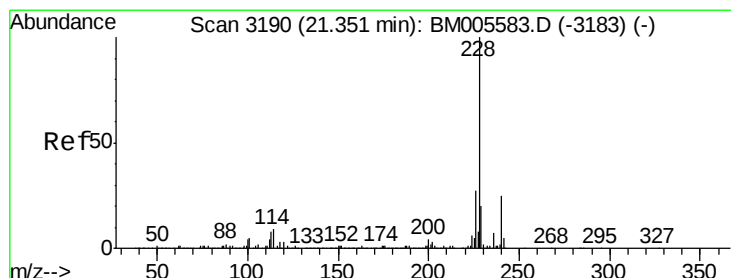
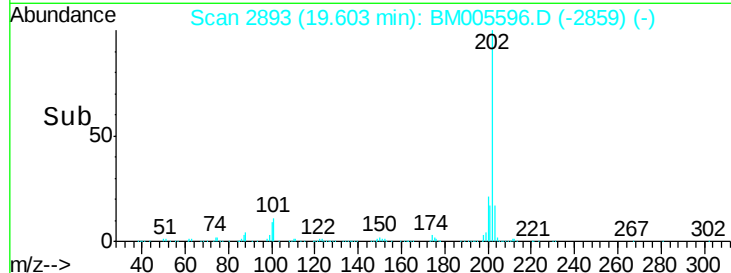
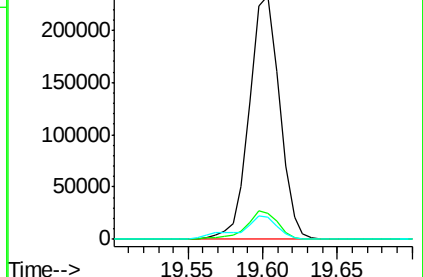
100 9.0 7.8 11.6



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): E



#80

Benzo(a)anthracene

Concen: 2.99 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

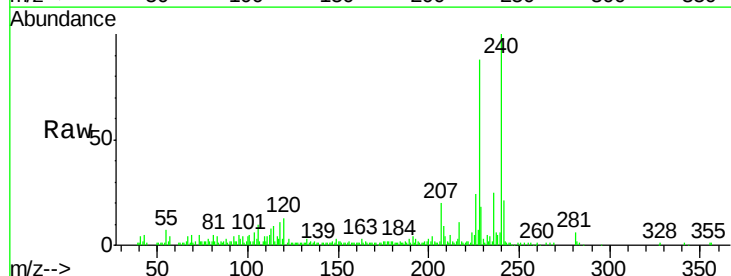
Tgt Ion:228 Resp: 89433

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.2

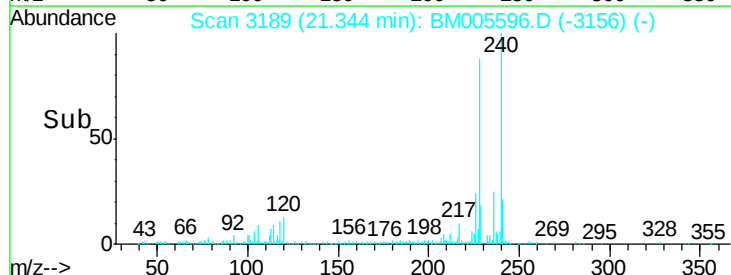
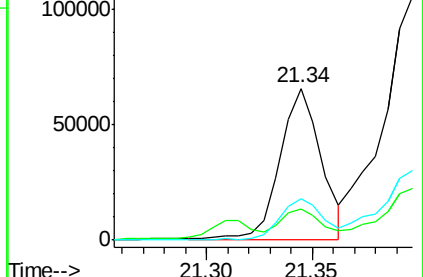
226 27.6 21.0 31.4

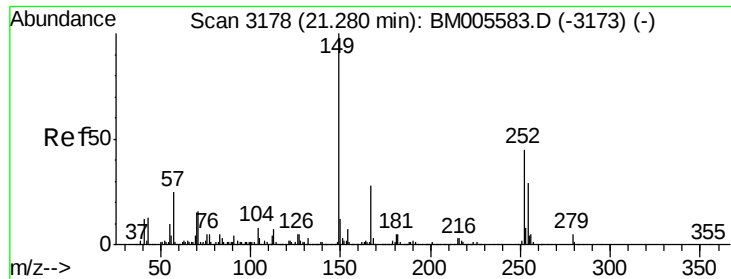


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

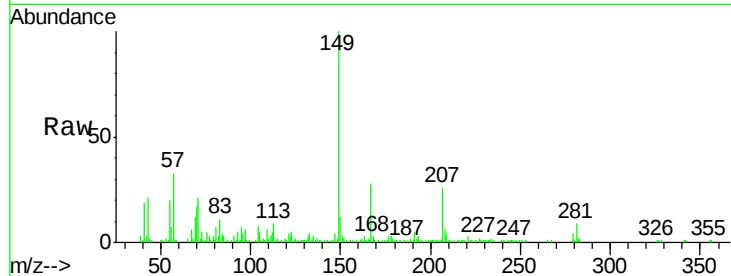




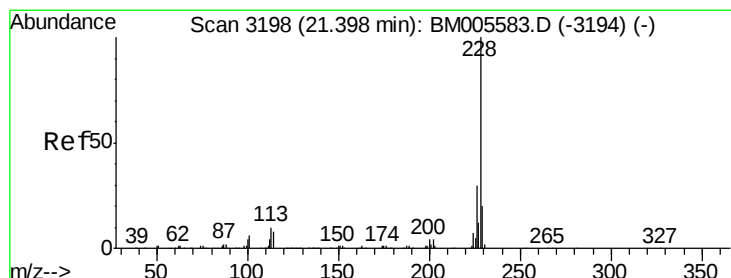
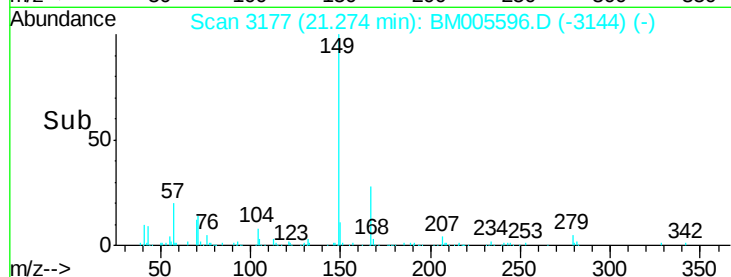
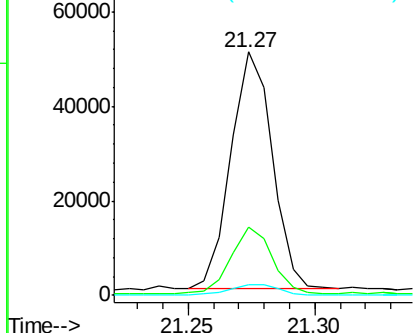
#81
Bis(2-ethylhexyl)phthalate
Concen: 3.26 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Instrument :
BNA_M
ClientSampleId :
JHKG7

Tgt Ion:149 Resp: 56807
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.4 3.8 5.8

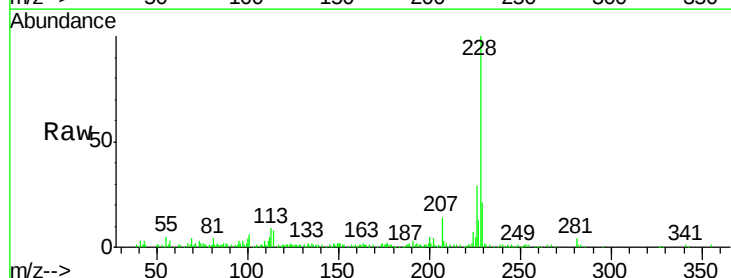


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

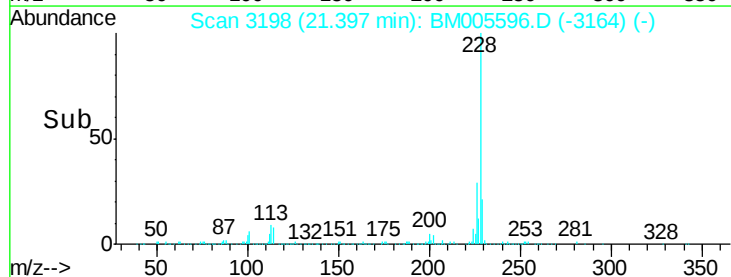
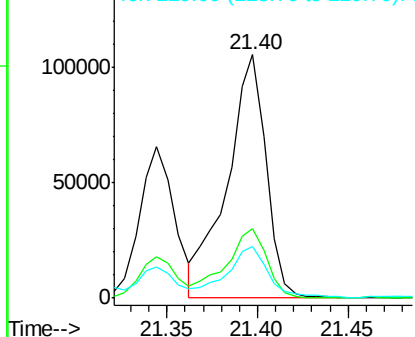


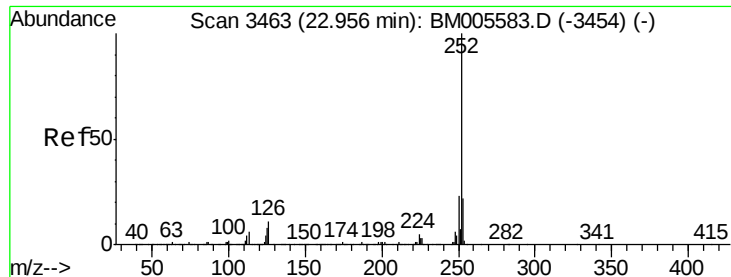
#82
Chrysene
Concen: 5.50 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BM005596.D
Acq: 22 May 2016 20:51

Tgt Ion:228 Resp: 156425
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 21.0 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: 4.55 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

BNA_M

ClientSampleId :

JHKG7

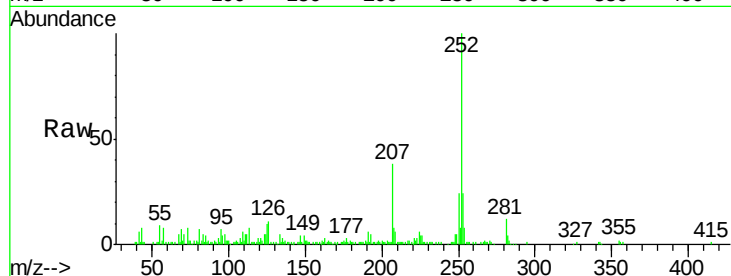
Tgt Ion:252 Resp: 154440

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

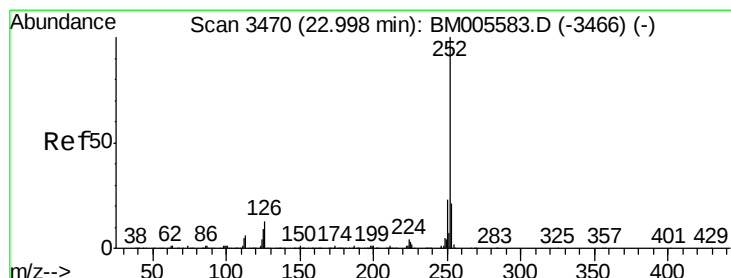
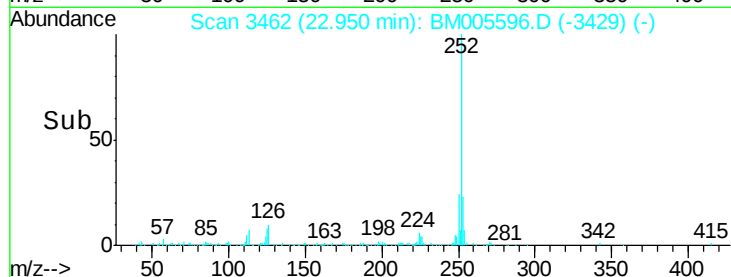
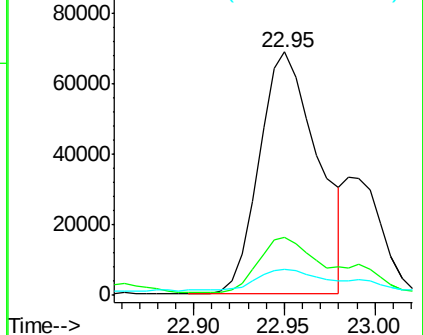
125 10.5 7.0 10.4#



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: 4.81 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.05 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

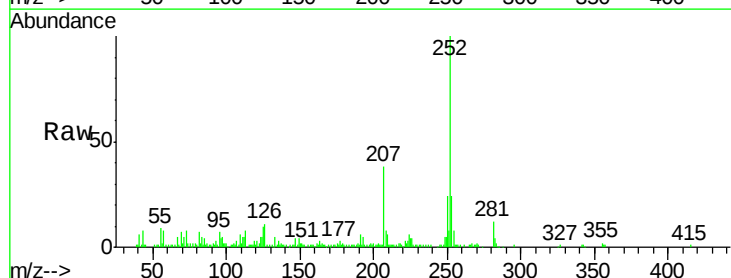
Tgt Ion:252 Resp: 154440

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

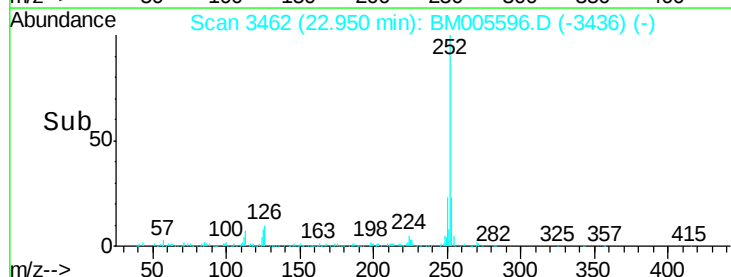
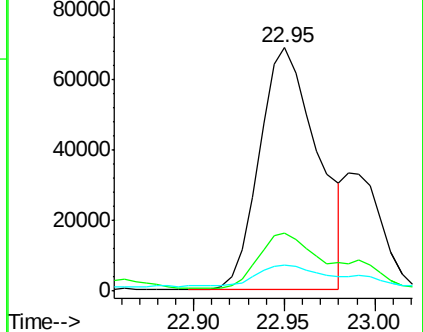
125 10.5 7.0 10.6

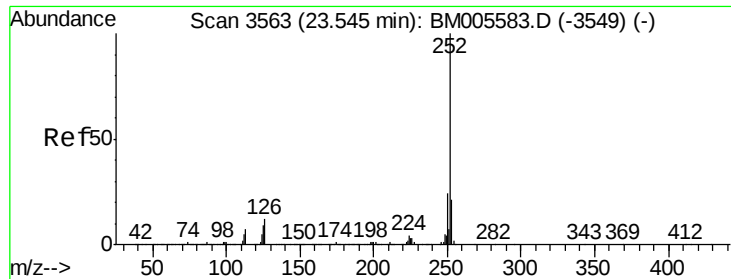


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.70 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

Instrument :

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JHKG7

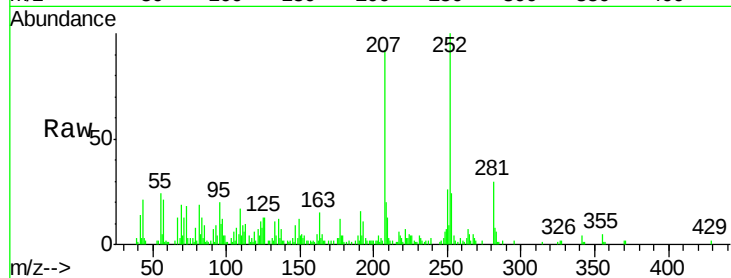
Tgt Ion:252 Resp: 55828

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

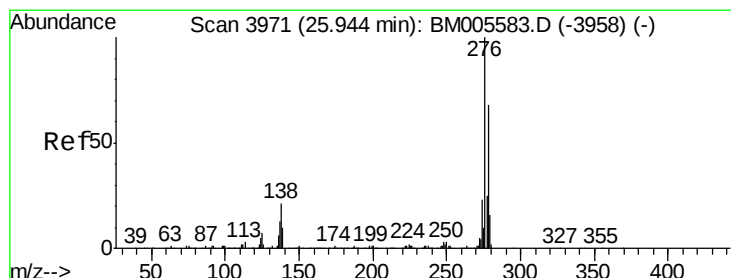
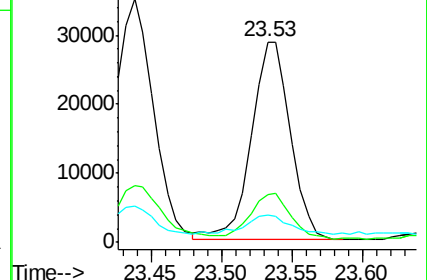
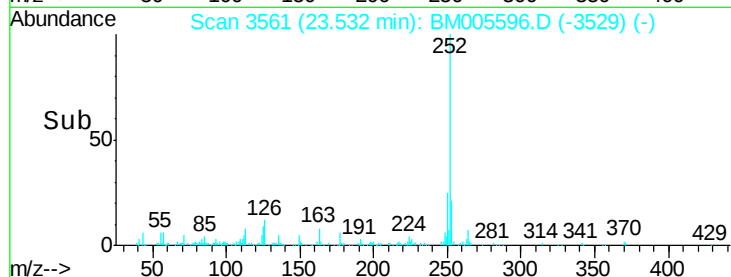
125 13.4 7.6 11.4#



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: 1.07 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM005596.D

Acq: 22 May 2016 20:51

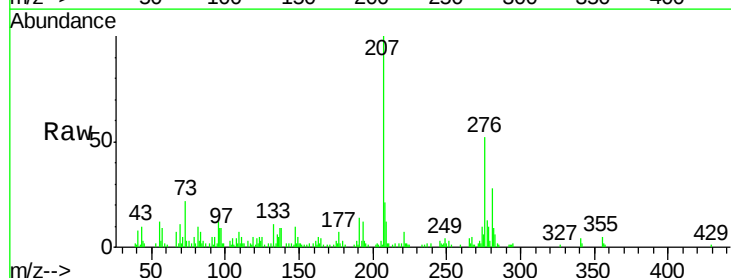
Tgt Ion:276 Resp: 41780

Ion Ratio Lower Upper

276 100

138 16.7 16.9 25.3#

277 24.2 20.2 30.4



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

