

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007407.D
 Acq On : 03 Sep 2016 14:57
 Operator : UM/SJ
 Sample : H4655-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0001

Quant Time: Sep 05 01:46:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	293195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1326235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	908442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2229797	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2600548	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2211117	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12676	2.21	ng/uL	0.00
5) Phenol-d5	6.96	99	315004	11.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	176104	12.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	250646	12.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	253931	10.51	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	128101	13.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	149326	13.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	280121	12.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	296122	10.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	970083	12.38	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1191195	13.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	150621	10.18	ng/ul	0.00
57) Fluorene-d10	15.42	176	893260	13.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	132609	9.46	ng/ul	0.00
70) Anthracene-d10	17.27	188	1485245	14.26	ng/ul	0.00
76) Pyrene-d10	19.56	212	1780698	16.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1445197	14.19	ng/ul	0.00

Target Compounds

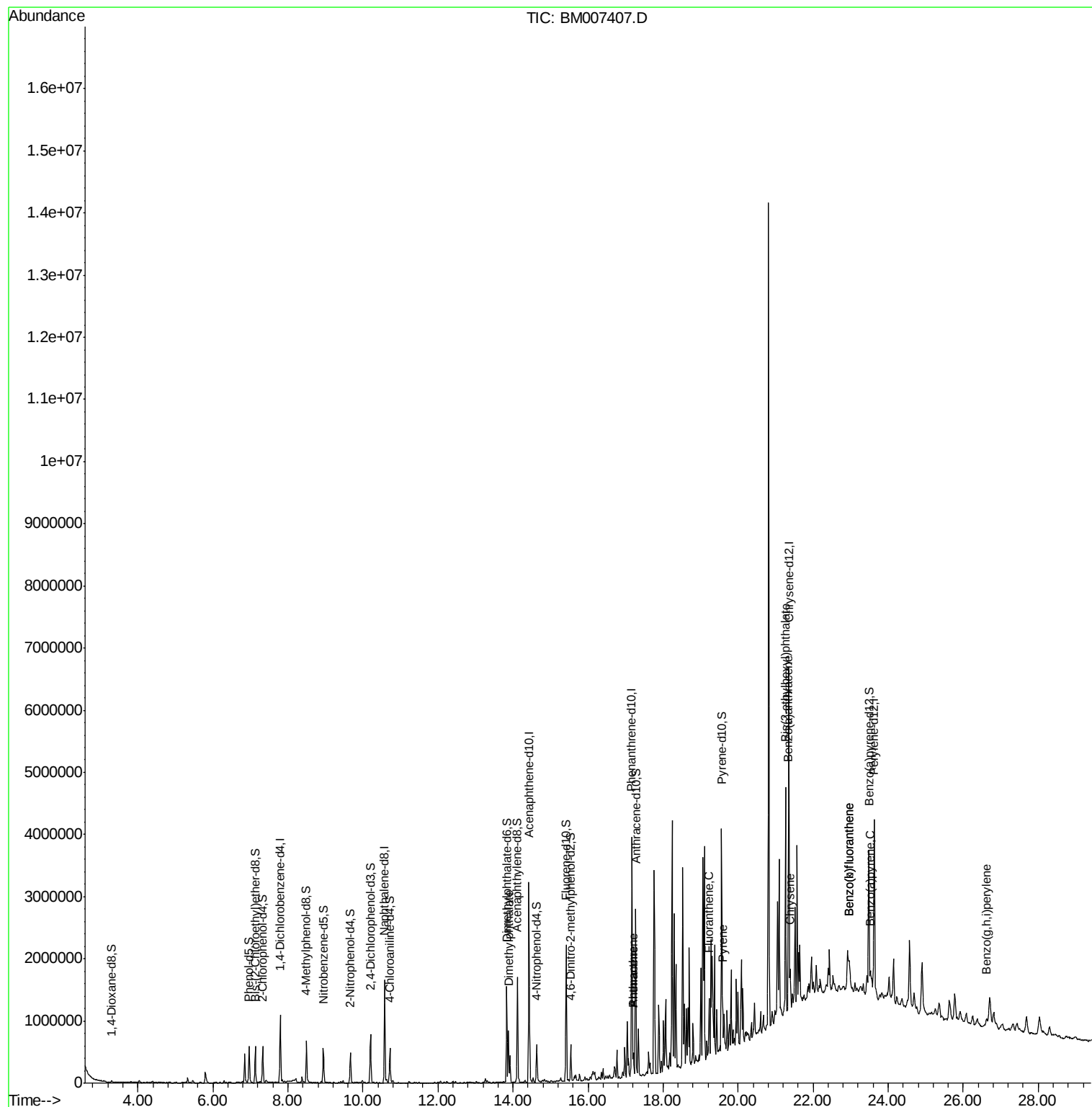
						Qvalue
44) Dimethylphthalate	13.88	163	497991	6.38	ng/ul	99
69) Phenanthrene	17.21	178	198449	1.66	ng/ul	98
71) Anthracene	17.21	178	198662	1.61	ng/ul	97
74) Fluoranthene	19.23	202	528509	3.52	ng/ul	99
77) Pyrene	19.59	202	459892	3.30	ng/ul	98
80) Benzo(a)anthracene	21.34	228	273482	1.78	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	1267059	15.05	ng/ul	99
82) Chrysene	21.39	228	327807	2.36	ng/ul	95
85) Benzo(b)fluoranthene	22.94	252	385931	2.95	ng/ul#	91
86) Benzo(k)fluoranthene	22.94	252	385931	3.19	ng/ul#	92
88) Benzo(a)pyrene	23.53	252	232642	1.86	ng/ul#	91
91) Benzo(g,h,i)perylene	26.63	276	137192	1.05	ng/ul	98

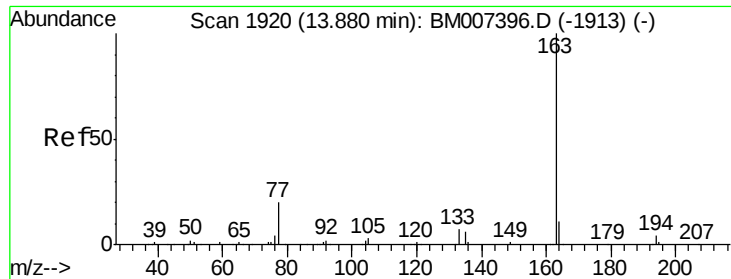
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.38 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

Instrument :

BNA_M

ClientSampleId :

C0001

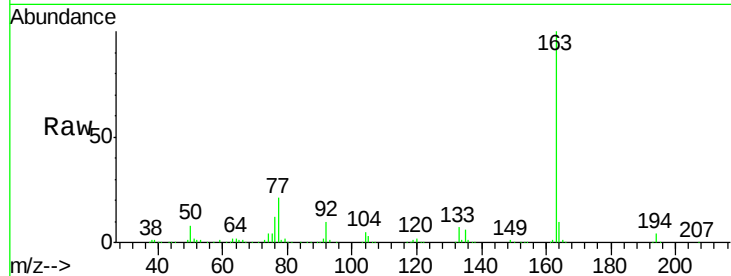
Tgt Ion:163 Resp: 497991

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

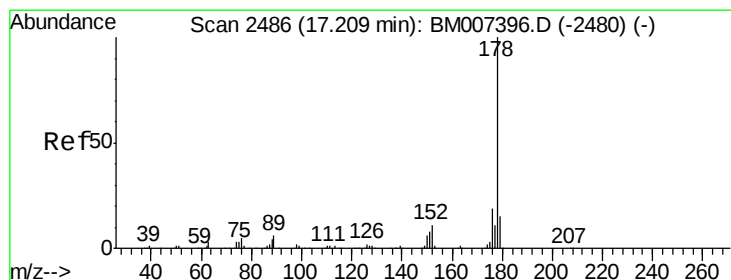
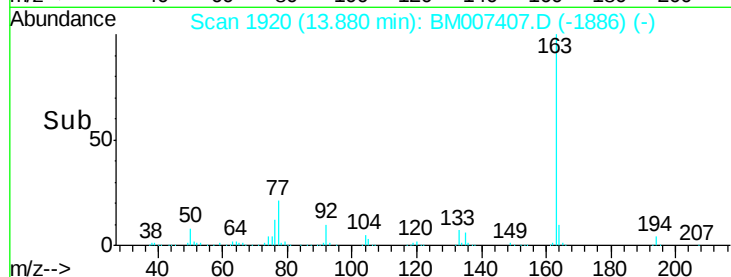
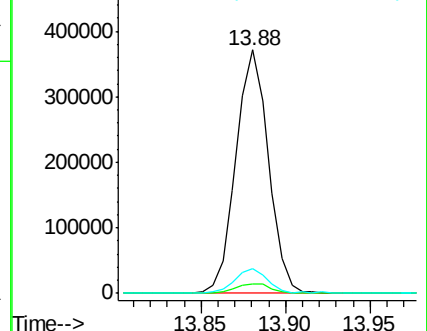
164 10.0 7.8 11.8



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: 1.66 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

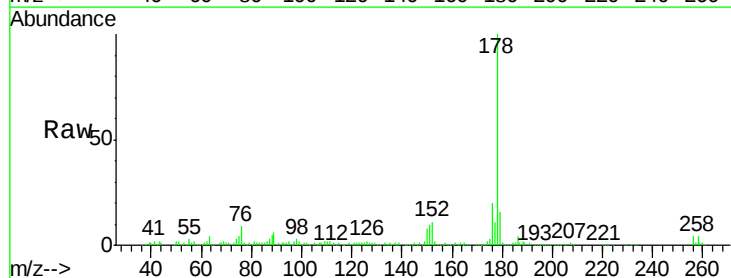
Tgt Ion:178 Resp: 198449

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

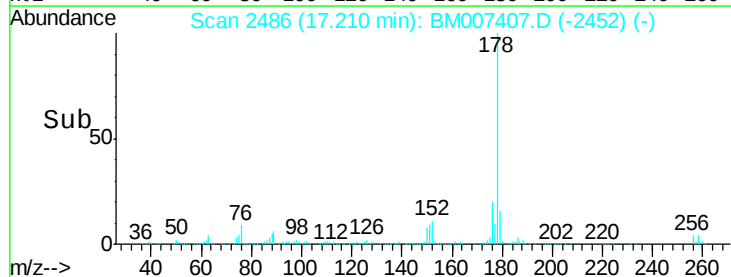
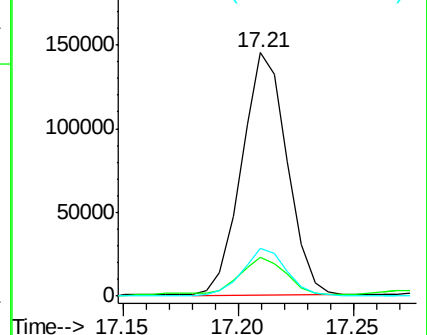
176 19.6 15.1 22.7

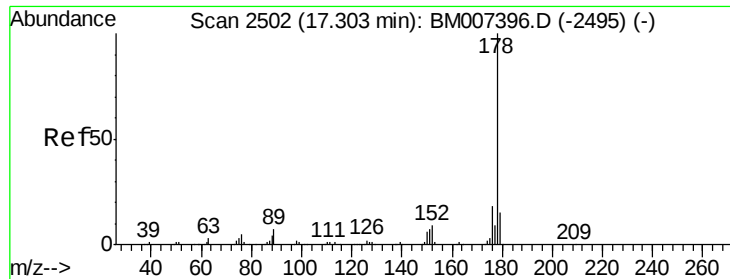


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.61 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. -0.09 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

Instrument :

BNA_M

ClientSampleId :

C0001

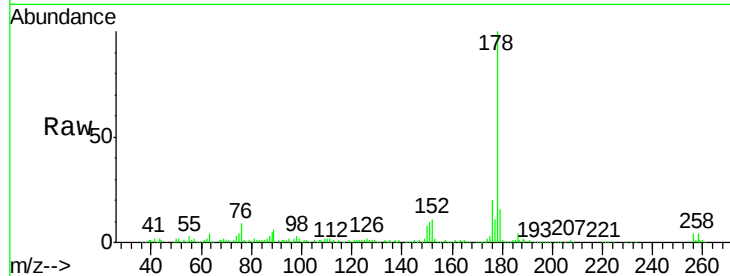
Tgt Ion:178 Resp: 198662

Ion Ratio Lower Upper

178 100

179 15.9 12.1 18.1

176 19.6 14.5 21.7

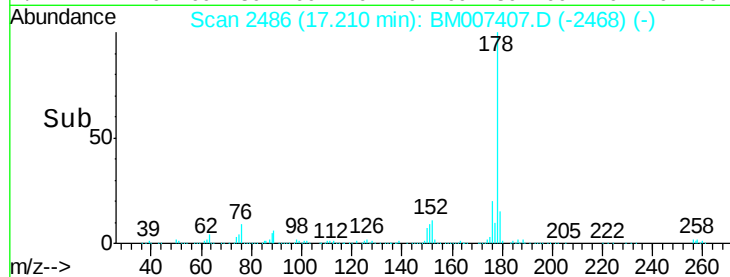


Abundance Ion 178.00 (177.70 to 178.70): E

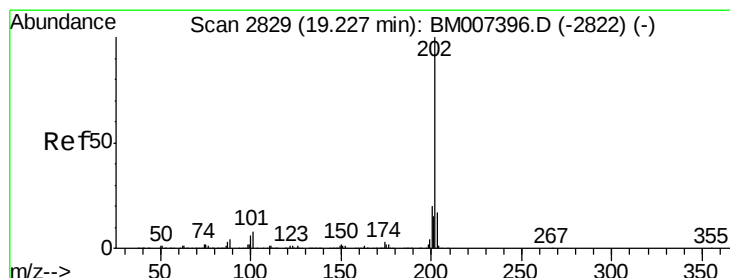
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.21



Time--> 17.15 17.20 17.25



#74

Fluoranthene

Concen: 3.52 ng/ul

RT: 19.23 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

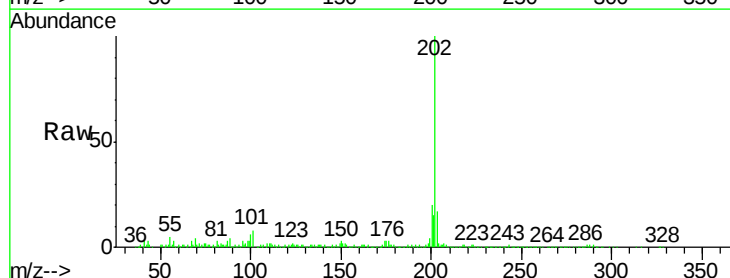
Tgt Ion:202 Resp: 528509

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

100 6.4 5.4 8.0

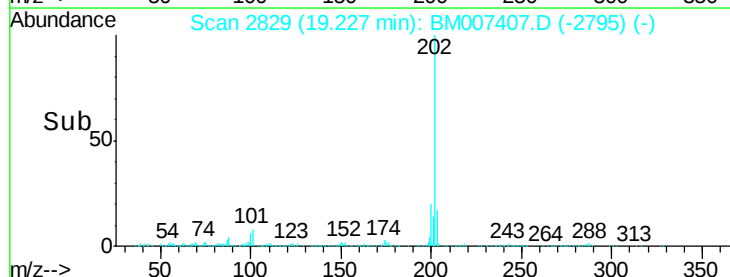


Abundance Ion 202.00 (201.70 to 202.70): E

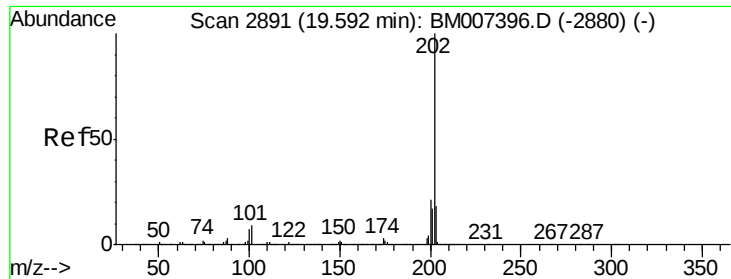
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.23



Time--> 19.20 19.25



#77

Pyrene

Concen: 3.30 ng/ul

RT: 19.59 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

Instrument :

BNA_M

ClientSampleId :

C0001

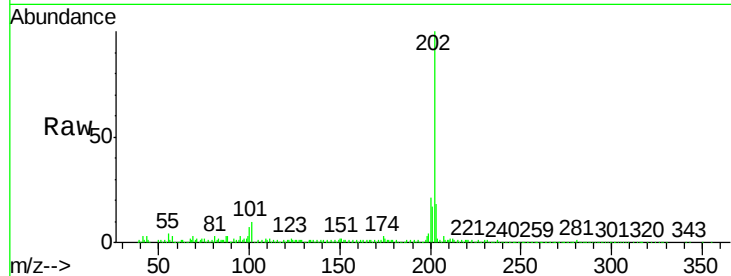
Tgt Ion:202 Resp: 459892

Ion Ratio Lower Upper

202 100

101 9.9 8.4 12.6

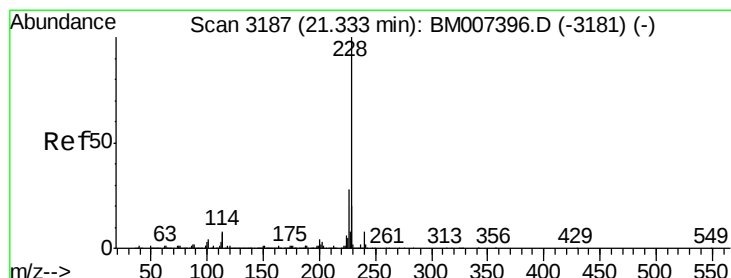
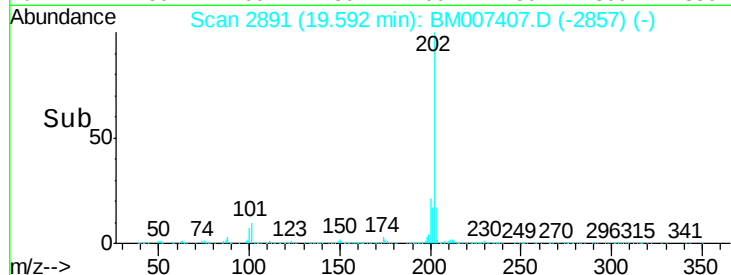
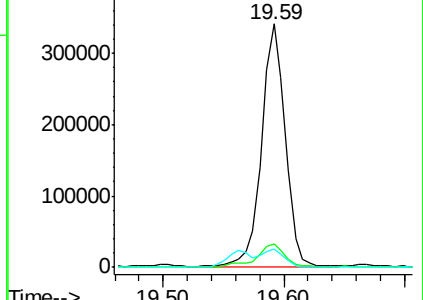
100 7.4 6.9 10.3



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: 1.78 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

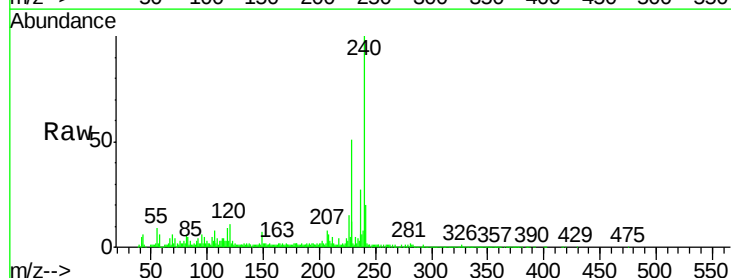
Tgt Ion:228 Resp: 273482

Ion Ratio Lower Upper

228 100

229 22.9 15.6 23.4

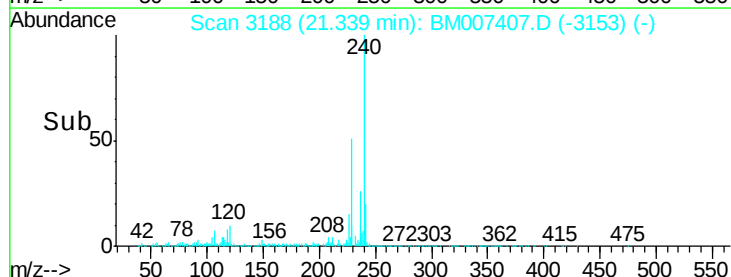
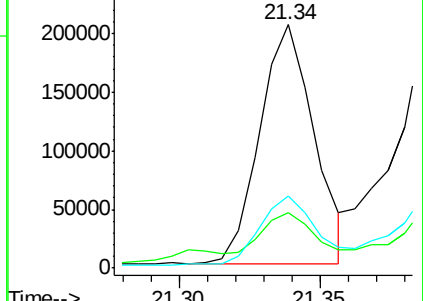
226 29.6 21.8 32.8

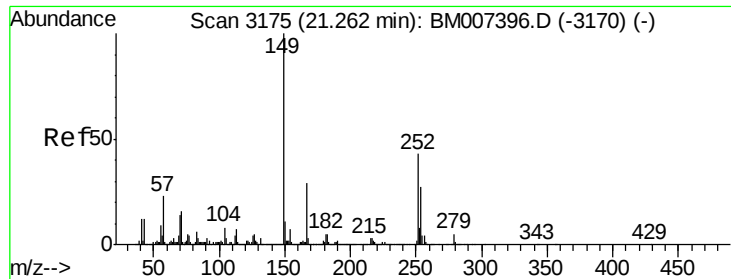


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

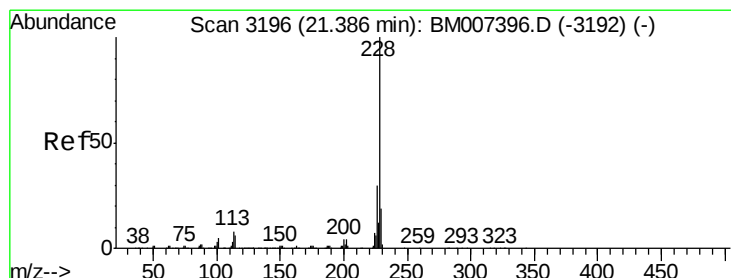
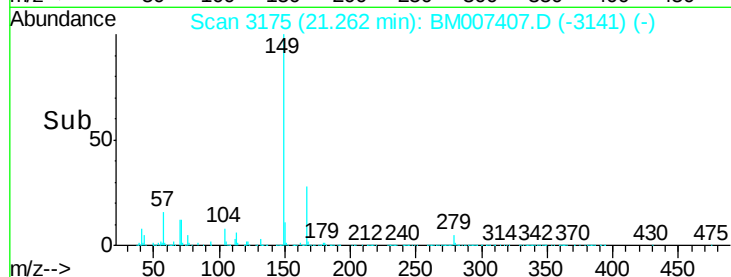
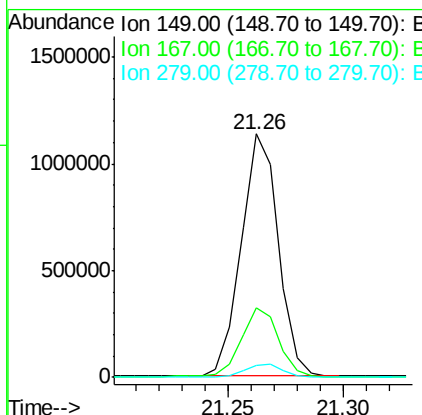
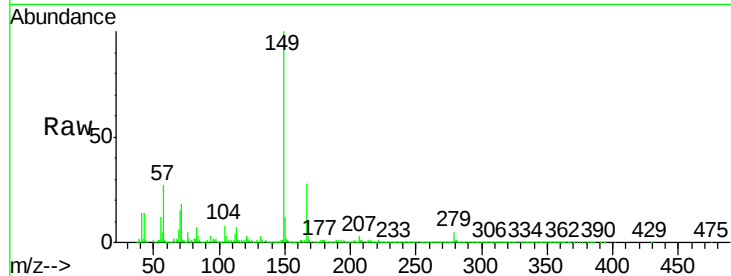




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 15.05 ng/ul
 RT: 21.26 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BM007407.D
 Acq: 03 Sep 2016 14:57

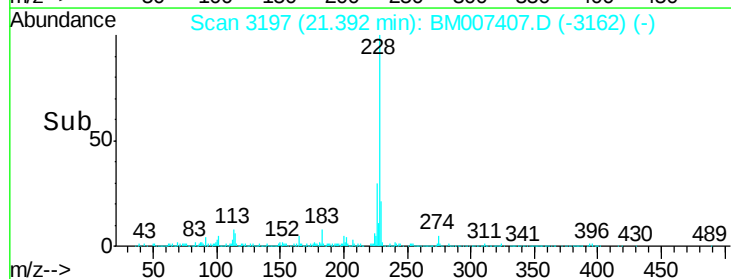
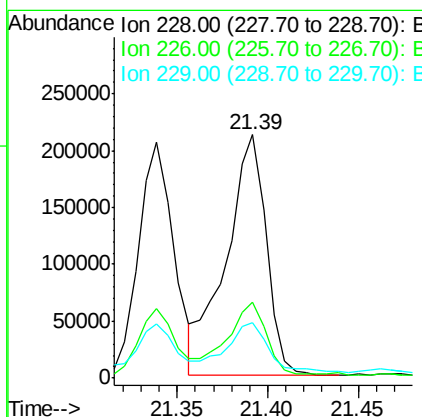
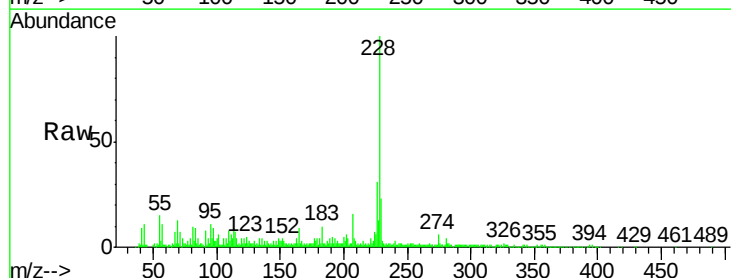
Instrument :
 BNA_M
 ClientSampleId :
 C0001

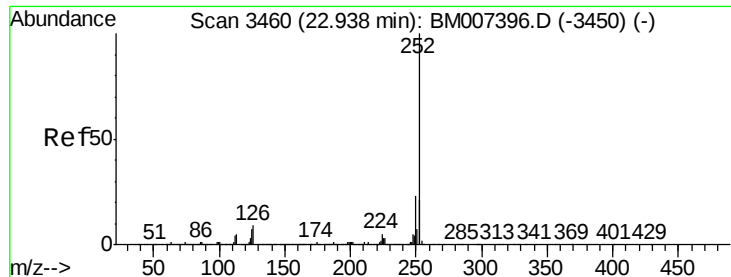
Tgt Ion:149 Resp: 1267059
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.2 34.8
 279 4.9 4.1 6.1



#82
 Chrysene
 Concen: 2.36 ng/ul
 RT: 21.39 min Scan# 3197
 Delta R.T. 0.01 min
 Lab File: BM007407.D
 Acq: 03 Sep 2016 14:57

Tgt Ion:228 Resp: 327807
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 22.7 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 2.95 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

Instrument :

BNA_M

ClientSampleId :

C0001

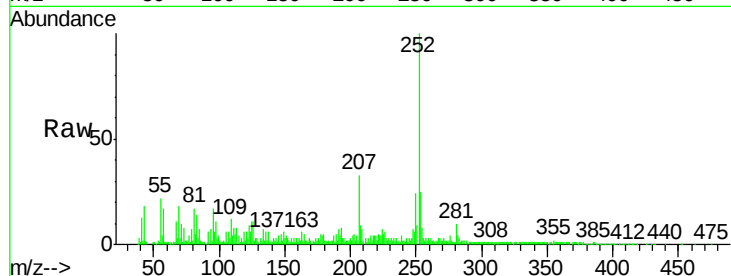
Tgt Ion:252 Resp: 385931

Ion Ratio Lower Upper

252 100

253 25.2 17.1 25.7

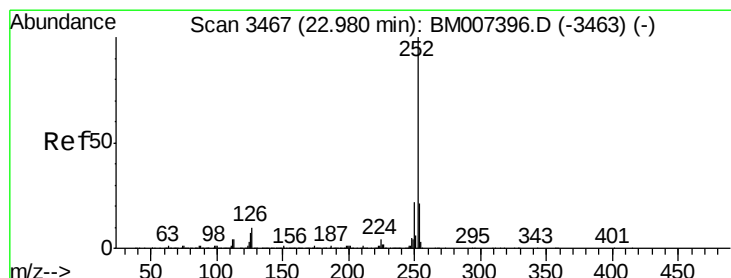
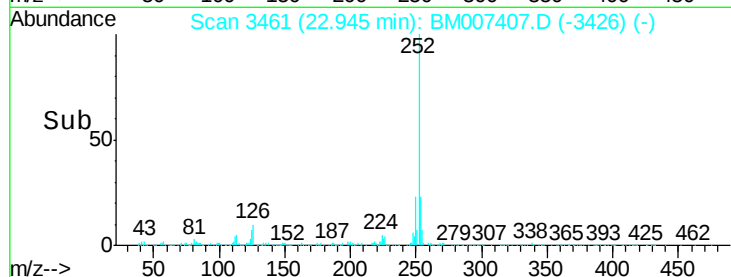
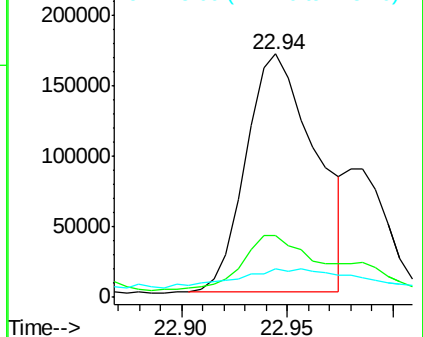
125 11.5 5.8 8.8#



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: 3.19 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.04 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

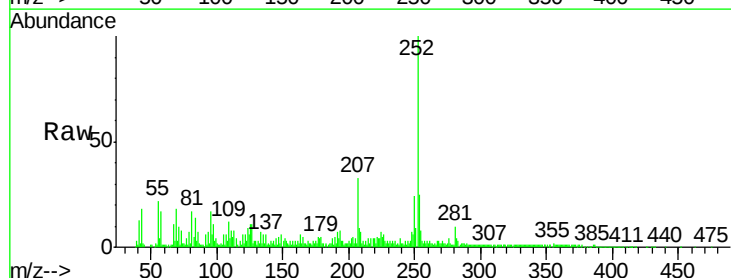
Tgt Ion:252 Resp: 385931

Ion Ratio Lower Upper

252 100

253 25.2 17.6 26.4

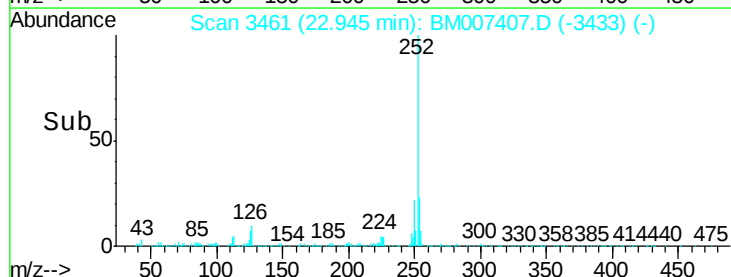
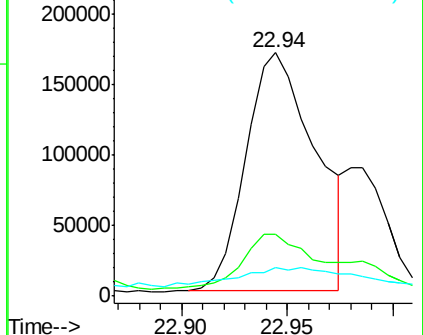
125 11.5 5.7 8.5#

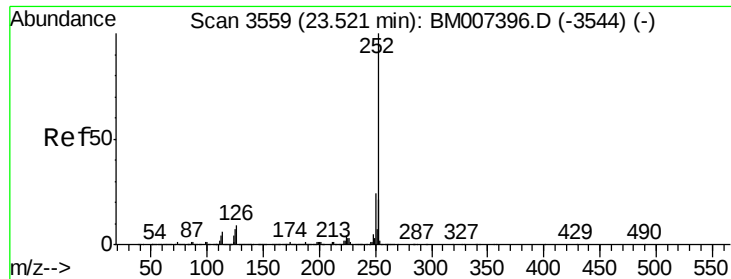


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.86 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

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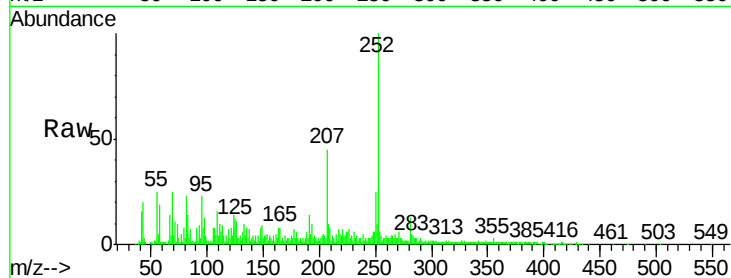
Tgt Ion:252 Resp: 232642

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

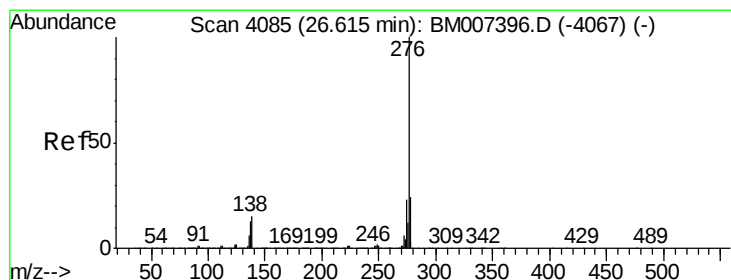
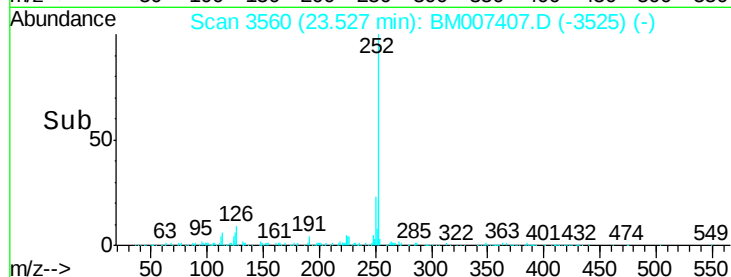
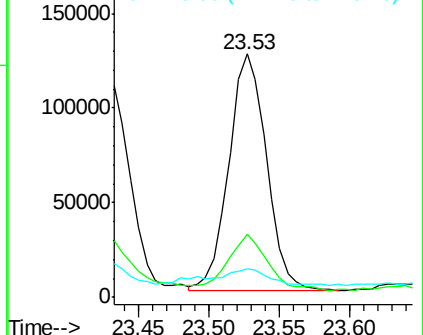
125 11.9 6.6 9.8#



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: 1.05 ng/ul

RT: 26.63 min Scan# 4087

Delta R.T. 0.01 min

Lab File: BM007407.D

Acq: 03 Sep 2016 14:57

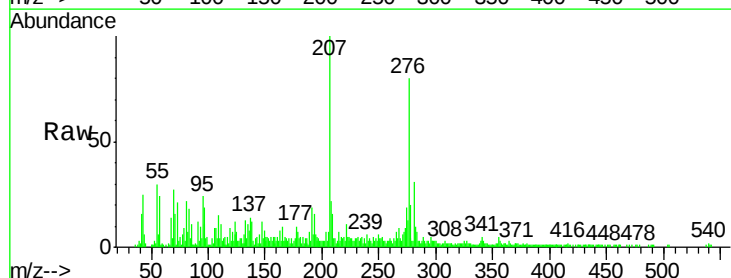
Tgt Ion:276 Resp: 137192

Ion Ratio Lower Upper

276 100

138 15.4 13.5 20.3

277 24.6 19.3 28.9



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

