

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010720.D
 Acq On : 24 Jun 2017 09:14
 Operator : SJ/JU
 Sample : I3627-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A69

Quant Time: Jun 26 01:51:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 01:49:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	81824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	379723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	249116	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	596182	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	635941	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	457925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5010	3.51	ng/uL	0.00
5) Phenol-d5	6.65	99	145702	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	80222	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	112473	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	111916	17.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	58739	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72628	23.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	145020	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	132635	19.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	504848	23.09	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	592756	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	73071	18.99	ng/ul	0.00
57) Fluorene-d10	15.11	176	436403	23.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	80309	21.93	ng/ul	0.00
70) Anthracene-d10	16.96	188	686995	23.86	ng/ul	0.00
76) Pyrene-d10	19.27	212	808063	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	557650	25.20	ng/ul	0.00

Target Compounds

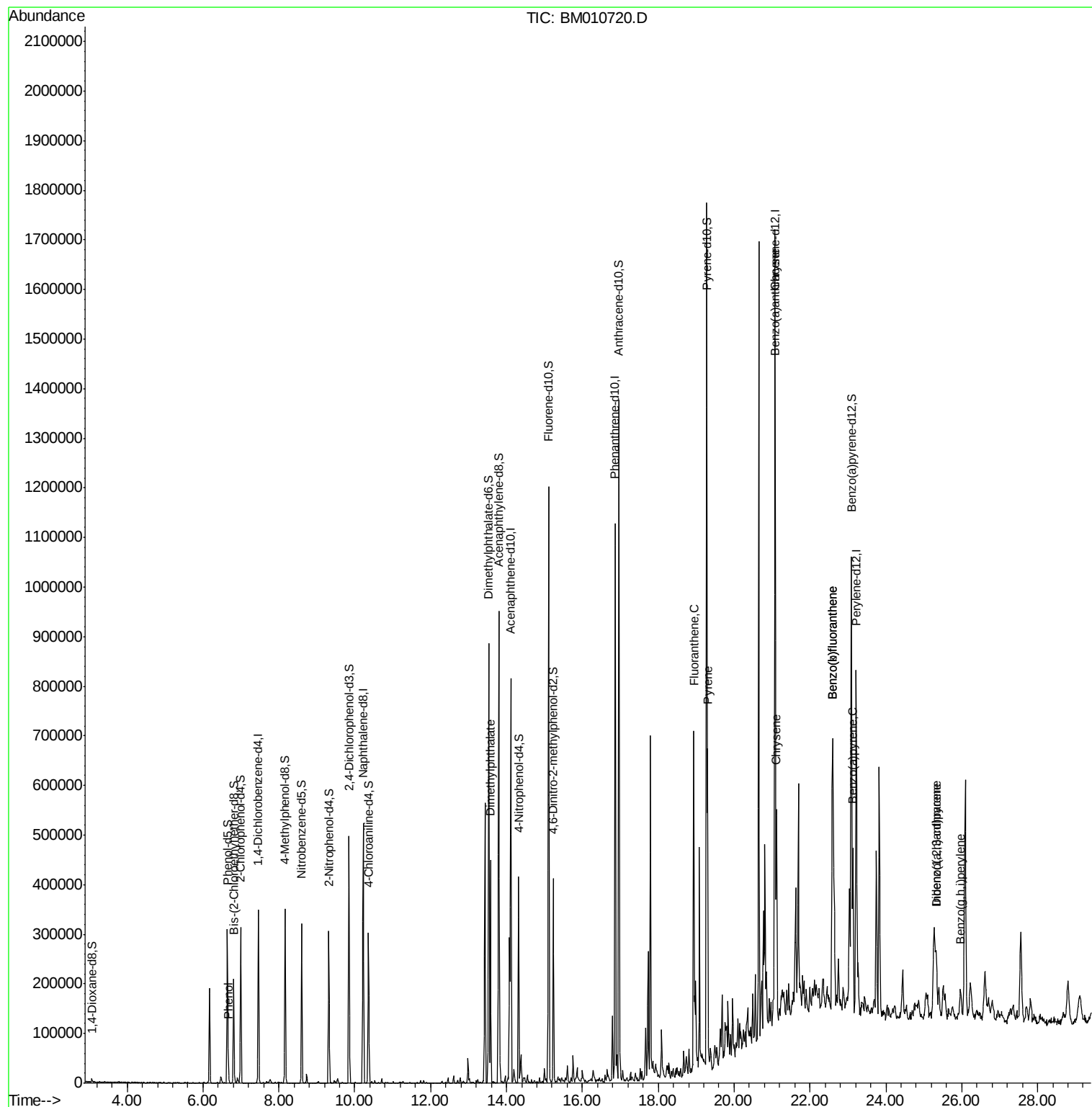
						Qvalue
6) Phenol	6.67	94	11492	1.43	ng/ul	95
44) Dimethylphthalate	13.58	163	251570	11.74	ng/ul	99
74) Fluoranthene	18.94	202	307045	7.52	ng/ul	99
77) Pyrene	19.30	202	348701	9.49	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	245636	6.63	ng/ul	96
82) Chrysene	21.11	228	253006	7.66	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	409772	13.79	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	409772	14.54	ng/ul	97
88) Benzo(a)pyrene	23.13	252	187632	6.86	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.33	276	113340	3.99	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.34	278	30732	1.30	ng/ul	97
91) Benzo(g,h,i)perylene	25.97	276	45351	2.01	ng/ul#	86

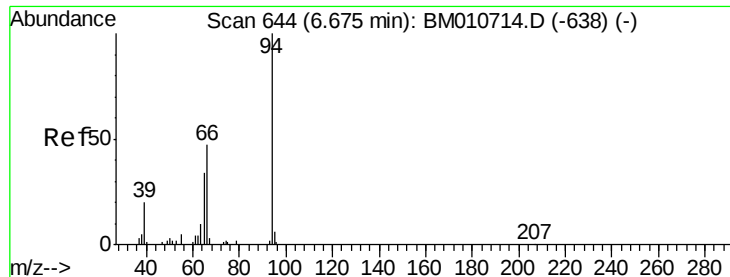
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.43 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

ClientSampled :

F5A69

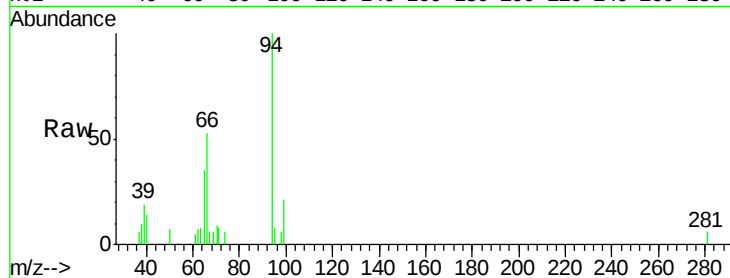
Tgt Ion: 94 Resp: 11492

Ion Ratio Lower Upper

94 100

65 34.9 28.2 42.4

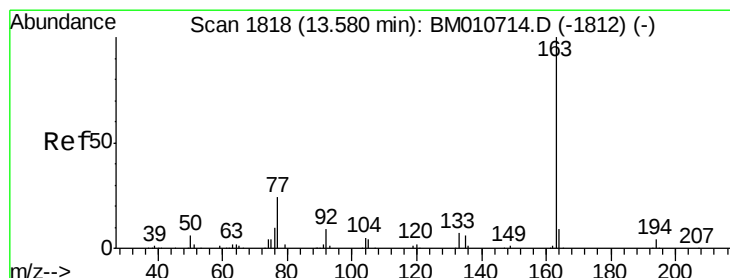
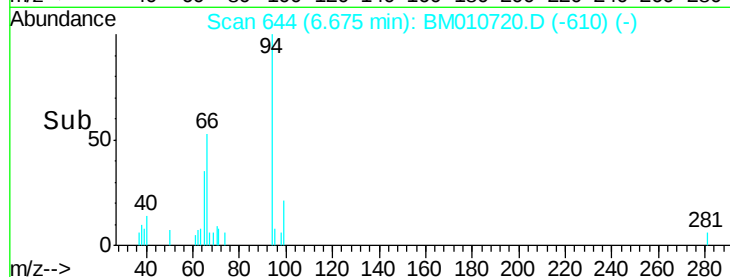
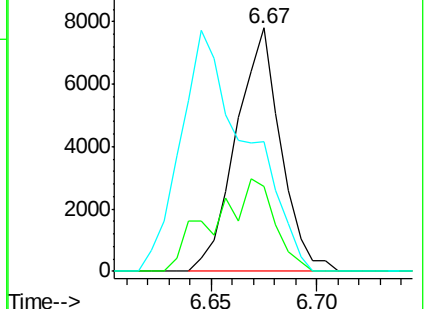
66 53.5 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010714.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM010714.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM010714.D (-638) (-)



#44

Dimethylphthalate

Concen: 11.74 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

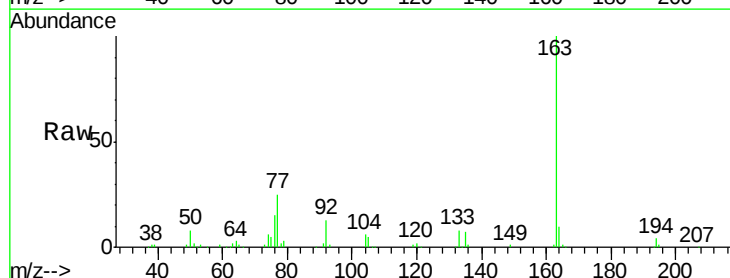
Tgt Ion:163 Resp: 251570

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

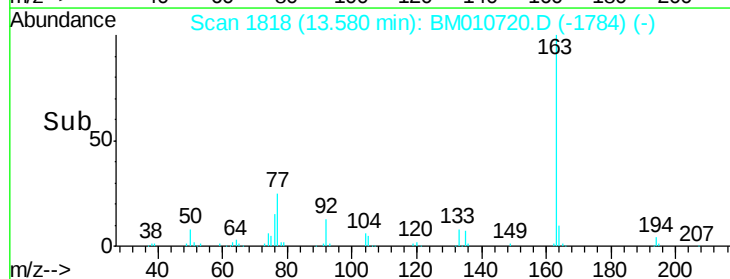
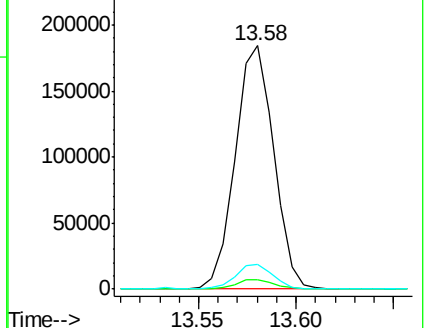
164 10.4 8.2 12.4

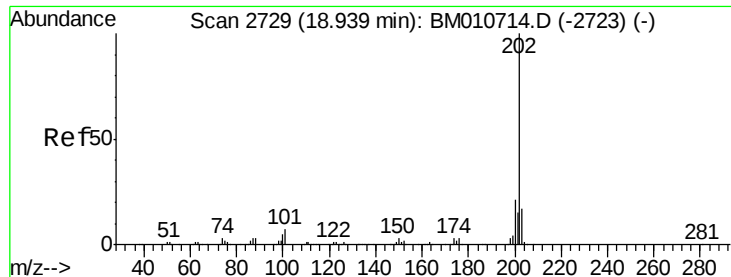


Abundance Ion 163.00 (162.70 to 163.70): BM010714.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM010714.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM010714.D (-1812) (-)





#74

Fluoranthene

Concen: 7.52 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

ClientSampleId :

F5A69

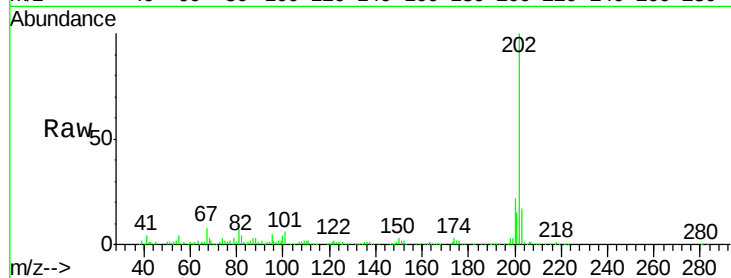
Tgt Ion:202 Resp: 307045

Ion Ratio Lower Upper

202 100

101 6.5 4.6 7.0

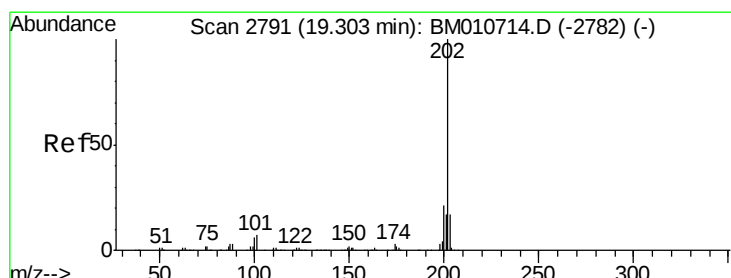
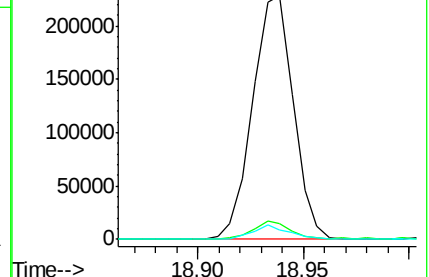
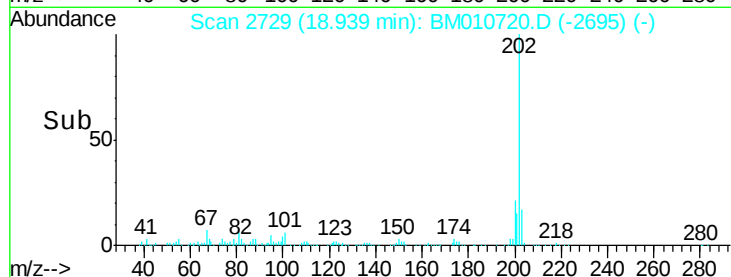
100 4.0 3.4 5.2



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: 9.49 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

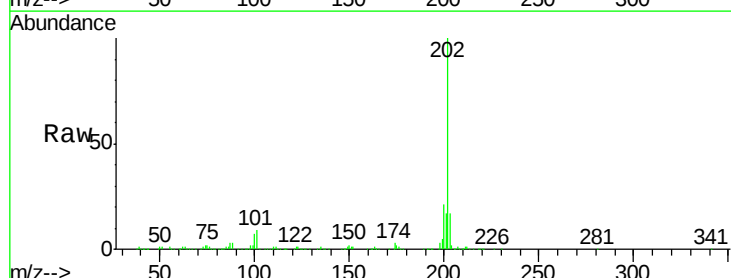
Tgt Ion:202 Resp: 348701

Ion Ratio Lower Upper

202 100

101 8.8 5.1 7.7#

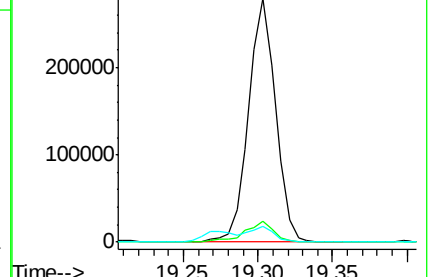
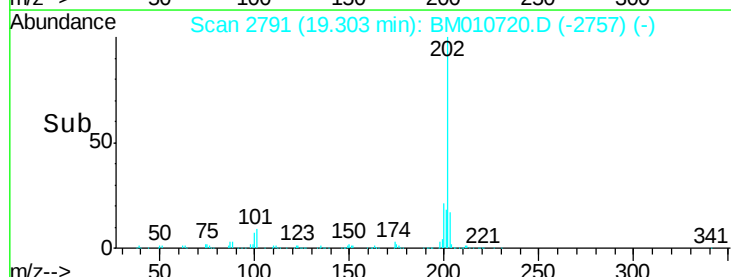
100 6.7 4.9 7.3

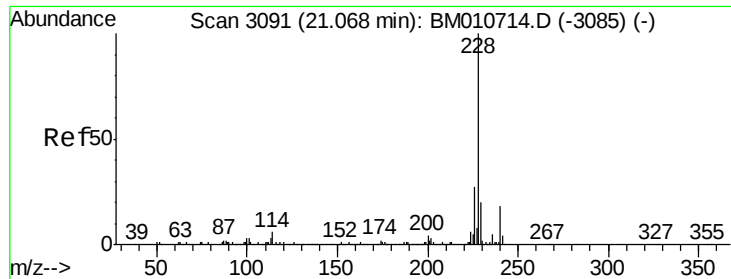


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

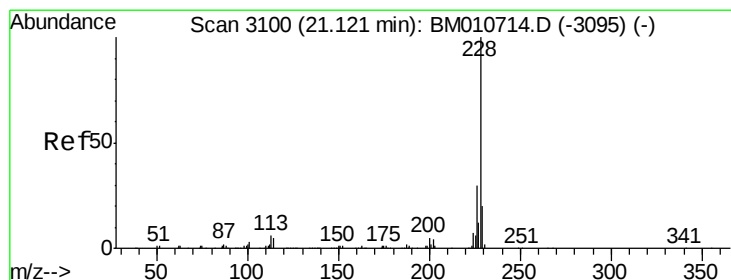
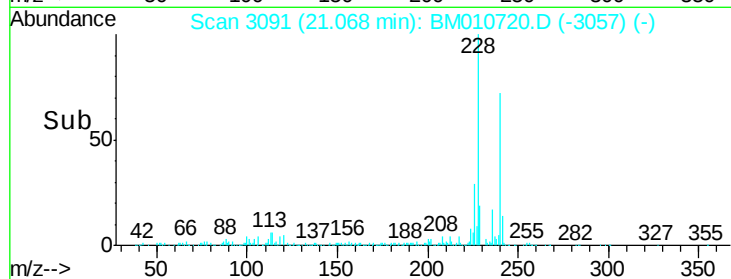
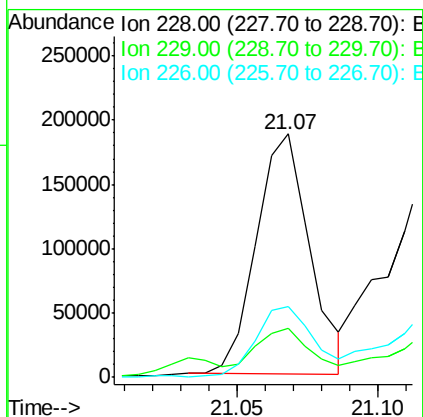
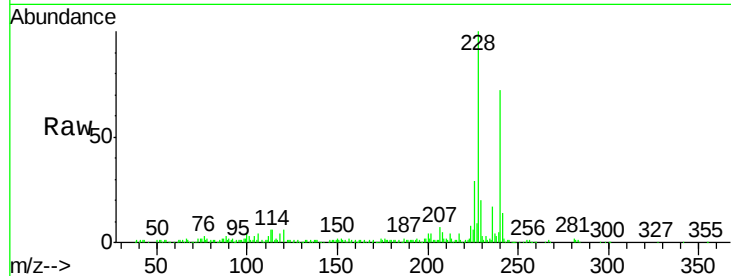




#80
Benzo(a)anthracene
Concen: 6.63 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

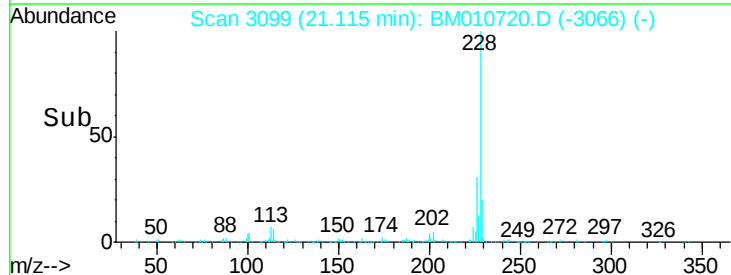
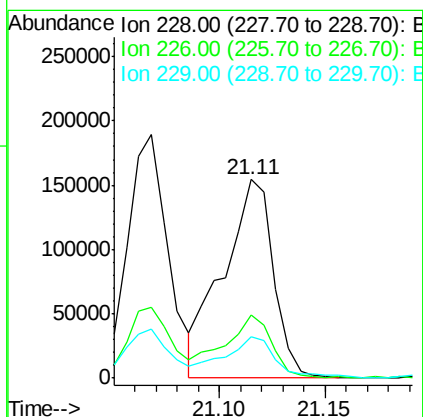
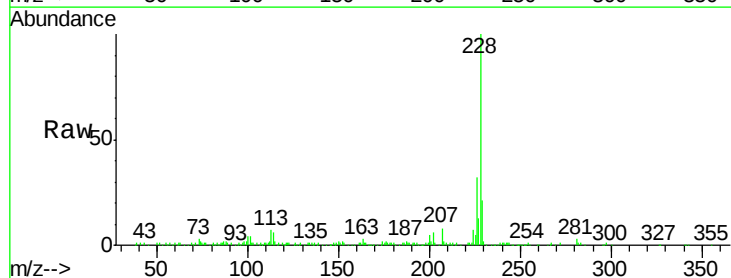
Instrument :
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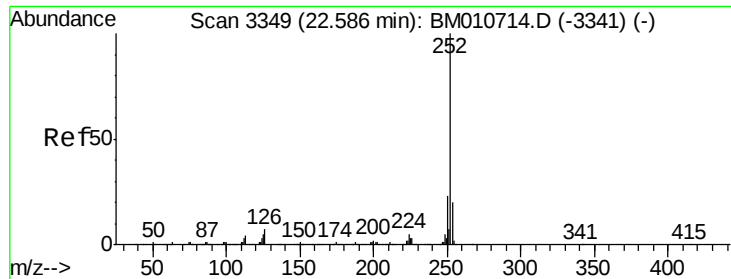
Tgt Ion:228 Resp: 245636
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.0
226 29.3 21.4 32.0



#82
Chrysene
Concen: 7.66 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010720.D
Acq: 24 Jun 2017 09:14

Tgt Ion:228 Resp: 253006
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.2
229 20.7 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 13.79 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

ClientSampleId :

F5A69

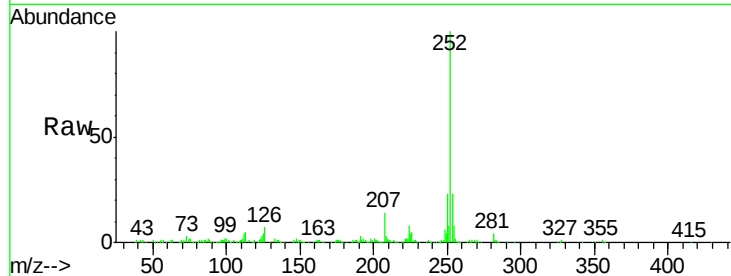
Tgt Ion:252 Resp: 409772

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

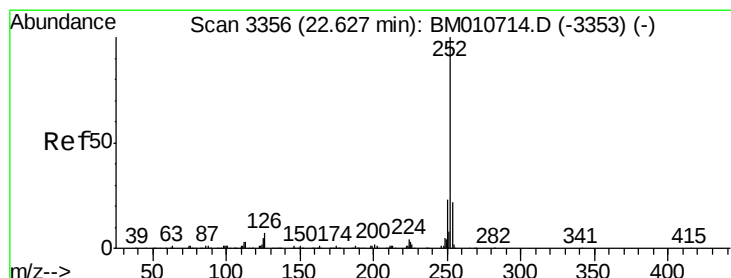
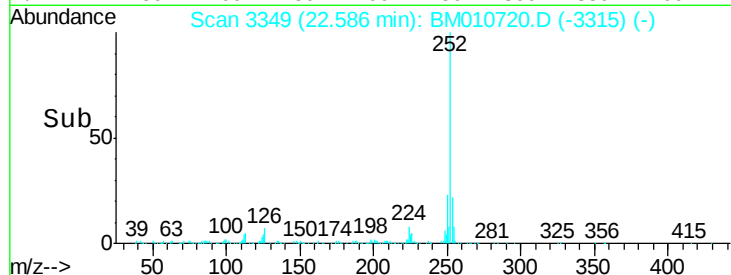
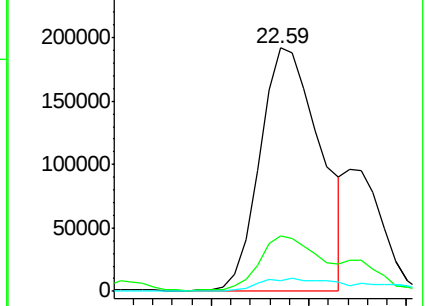
125 4.2 3.6 5.4



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: 14.54 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

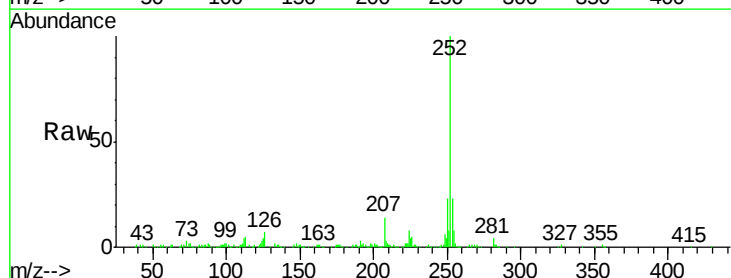
Tgt Ion:252 Resp: 409772

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

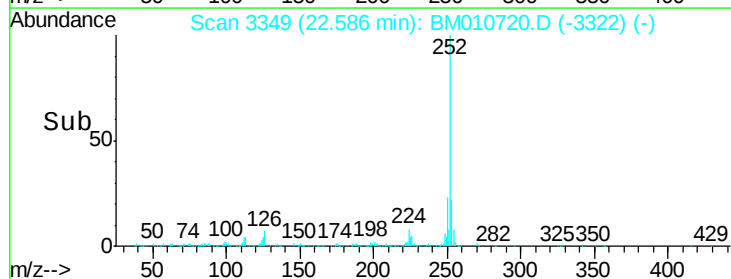
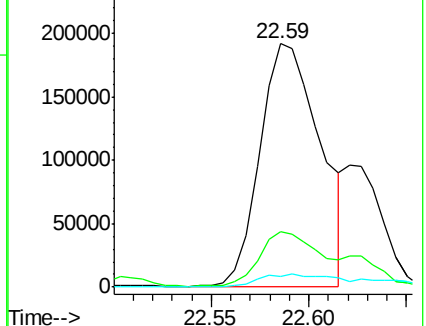
125 4.2 3.4 5.2

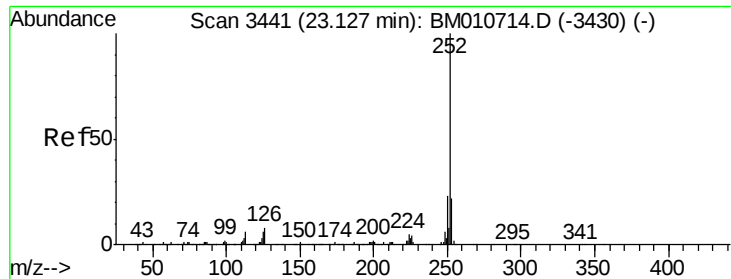


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 6.86 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Instrument :

BNA_M

ClientSampleId :

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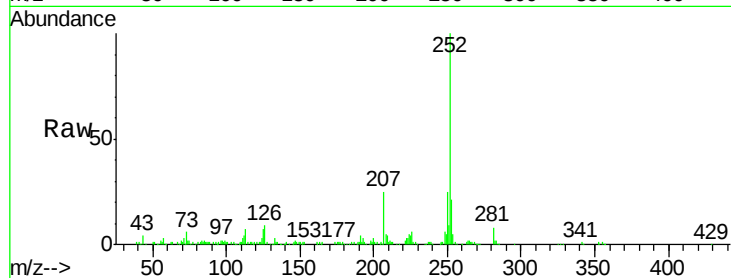
Tgt Ion:252 Resp: 187632

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.2

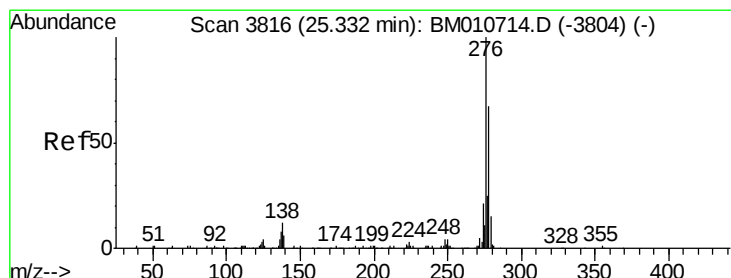
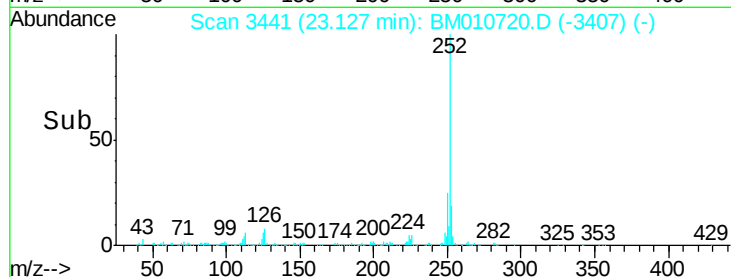
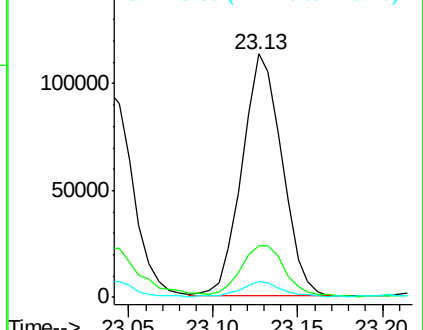
125 6.6 4.0 6.0#



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: 3.99 ng/ul

RT: 25.33 min Scan# 3816

Delta R.T. -0.00 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

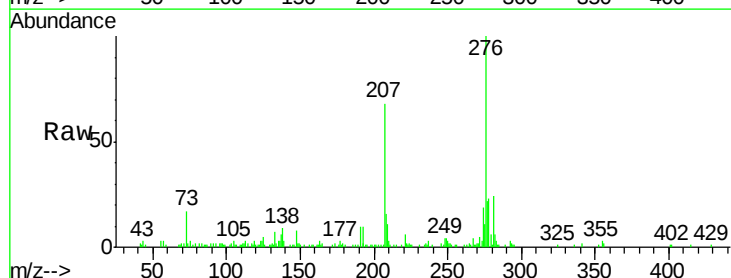
Tgt Ion:276 Resp: 113340

Ion Ratio Lower Upper

276 100

138 9.2 9.3 13.9#

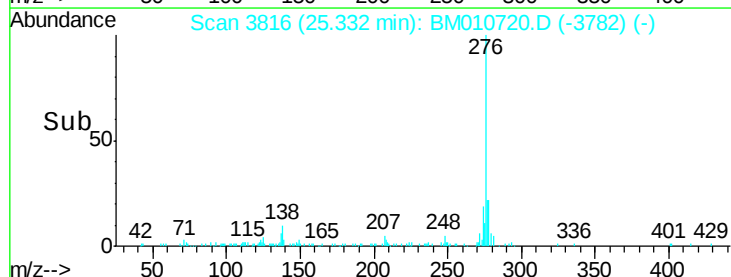
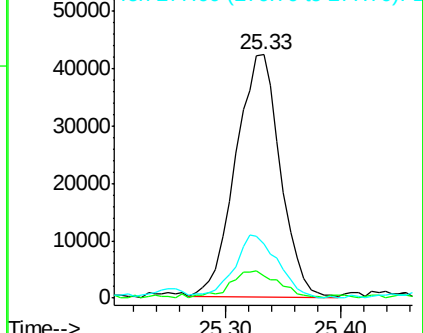
277 22.0 19.9 29.9

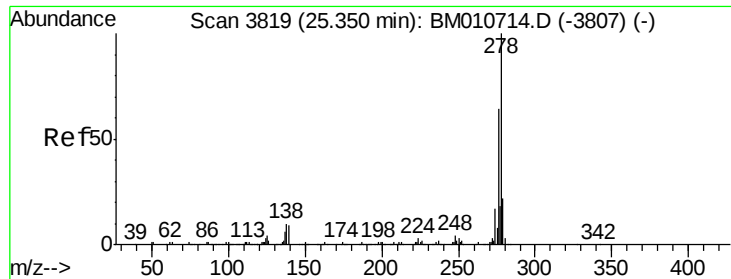


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.30 ng/ul

RT: 25.34 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BM010720.D

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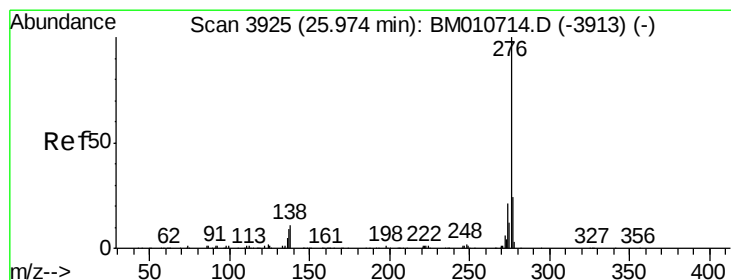
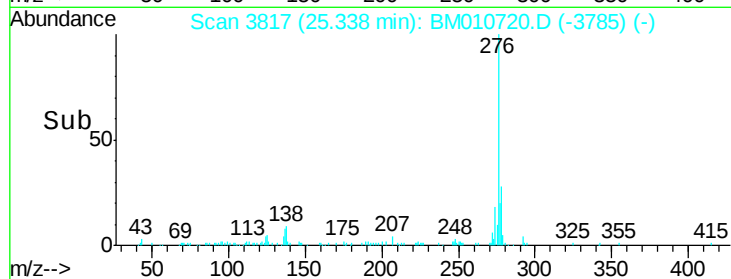
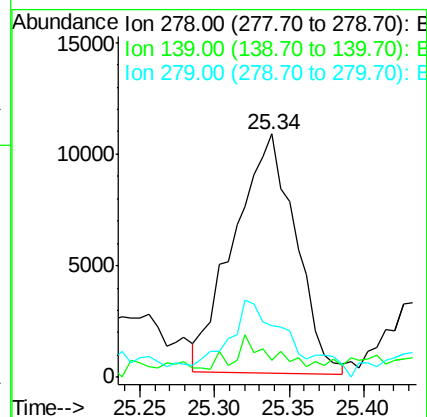
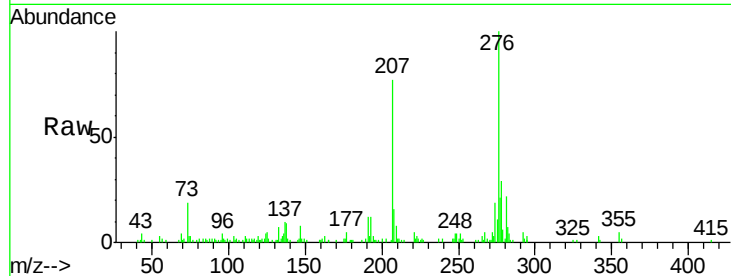
Tgt Ion:278 Resp: 30732

Ion Ratio Lower Upper

278 100

139 7.0 5.8 8.8

279 21.3 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 2.01 ng/ul

RT: 25.97 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM010720.D

Acq: 24 Jun 2017 09:14

Tgt Ion:276 Resp: 45351

Ion Ratio Lower Upper

276 100

138 16.4 8.5 12.7#

277 29.7 18.6 28.0#

