

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005392.D
 Acq On : 11 May 2016 18:15
 Operator : UM/SJ
 Sample : H2834-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4076

Quant Time: May 12 03:32:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	90930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	437247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	281342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	666164	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	644821	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	486399	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	5766	2.98	ng/uL	0.00
5) Phenol-d5	6.93	99	147061	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	89802	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	118058	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	115078	16.88	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	64369	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	76092	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	130730	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	59730	7.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	467161	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	548212	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	53810	13.07	ng/ul	0.00
57) Fluorene-d10	15.40	176	407141	20.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	58723	15.67	ng/ul	0.00
70) Anthracene-d10	17.25	188	615669	20.91	ng/ul	0.00
76) Pyrene-d10	19.55	212	714383	24.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	462414	21.48	ng/ul	0.00

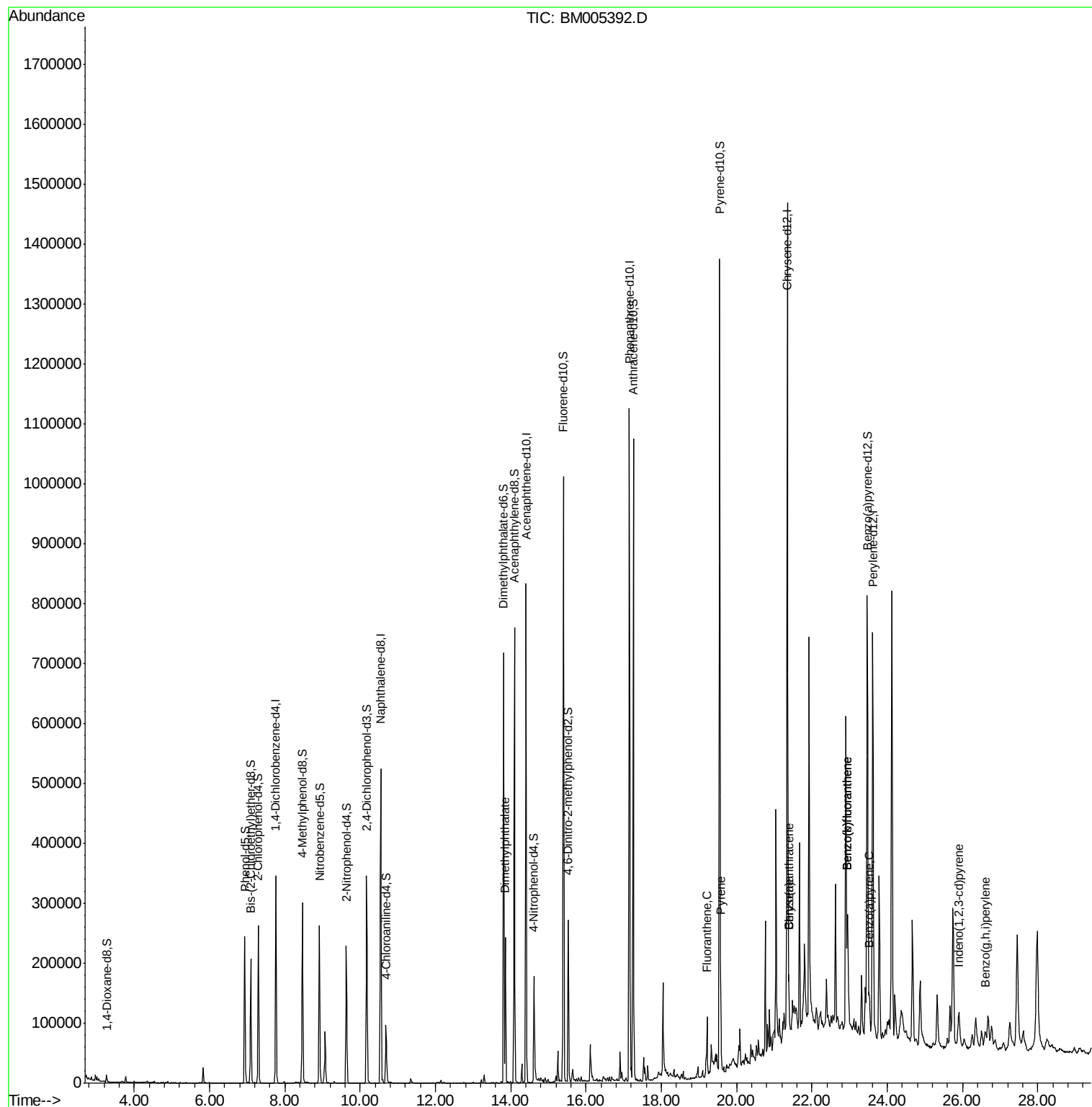
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.86	163	151628	6.73	ng/ul	100
74) Fluoranthene	19.21	202	51091	1.32	ng/ul	100
77) Pyrene	19.57	202	58681	1.57	ng/ul	99
80) Benzo(a)anthracene	21.38	228	38700	1.04	ng/ul	93
82) Chrysene	21.38	228	38700	1.10	ng/ul	95
85) Benzo(b)fluoranthene	22.93	252	103329	3.63	ng/ul	95
86) Benzo(k)fluoranthene	22.93	252	103329	3.86	ng/ul	95
88) Benzo(a)pyrene	23.52	252	38691	1.44	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.90	276	30839	1.05	ng/ul	95
91) Benzo(g,h,i)perylene	26.60	276	27054	1.09	ng/ul	98

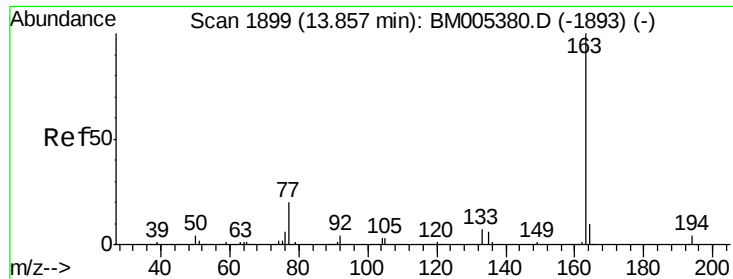
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.73 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

Instrument :

BNA_M

ClientSampleId :

H4076

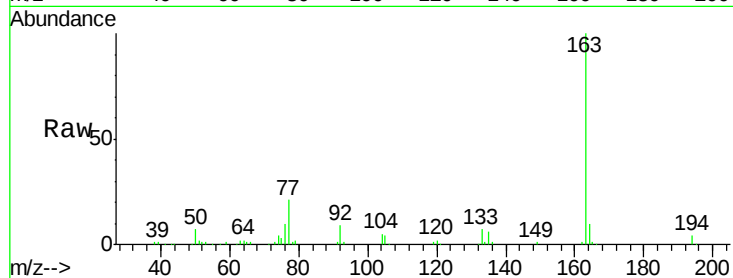
Tgt Ion:163 Resp: 151628

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

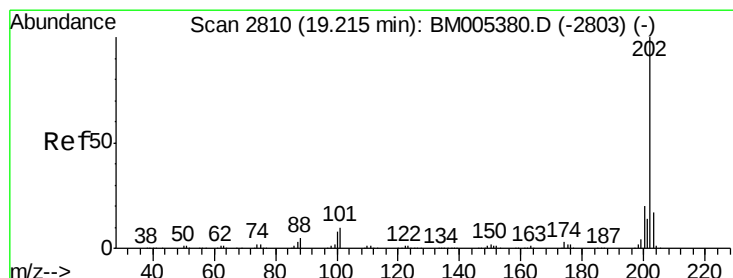
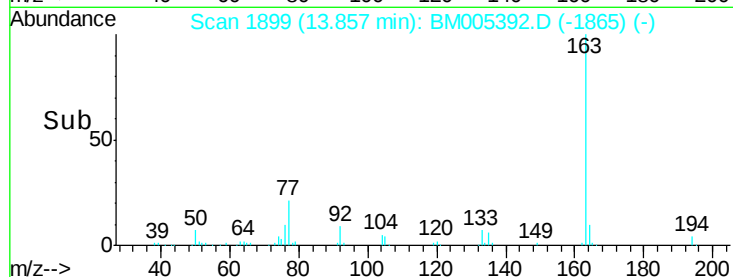
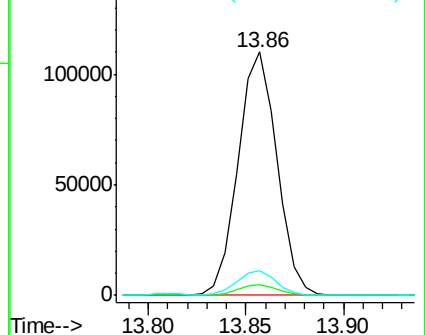
164 10.1 7.9 11.9



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



#74

Fluoranthene

Concen: 1.32 ng/ul

RT: 19.21 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

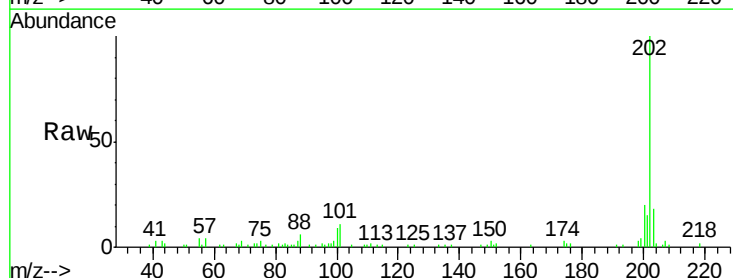
Tgt Ion:202 Resp: 51091

Ion Ratio Lower Upper

202 100

101 11.3 9.2 13.8

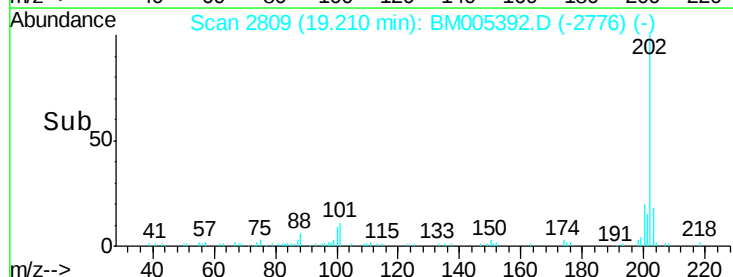
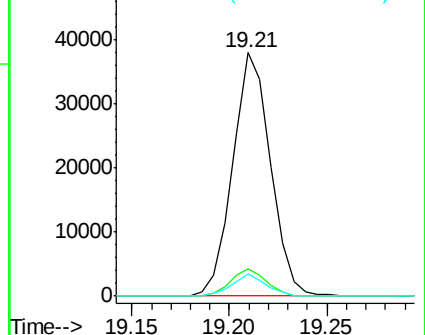
100 8.9 7.1 10.7

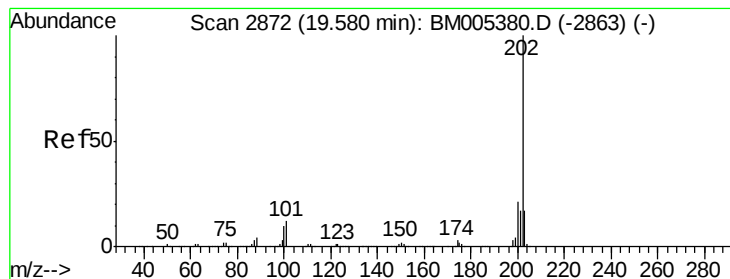


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.57 ng/ul

RT: 19.57 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

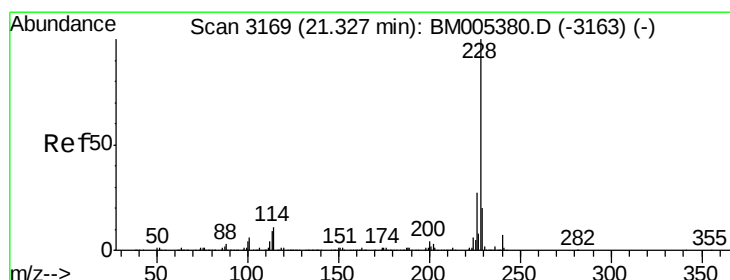
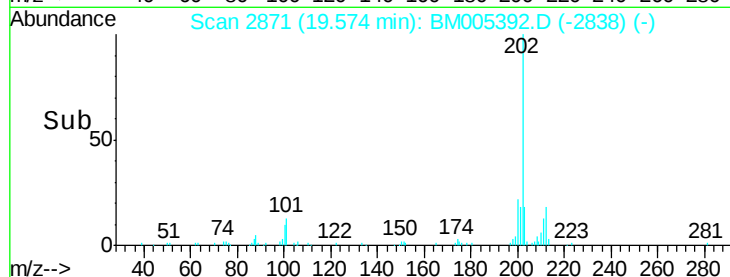
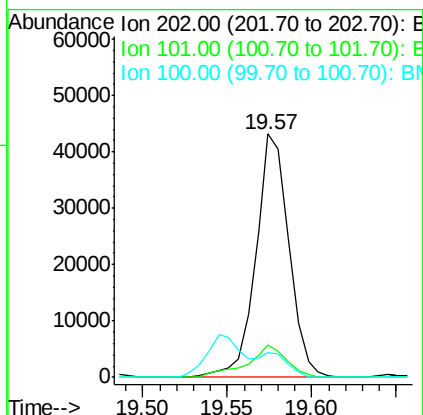
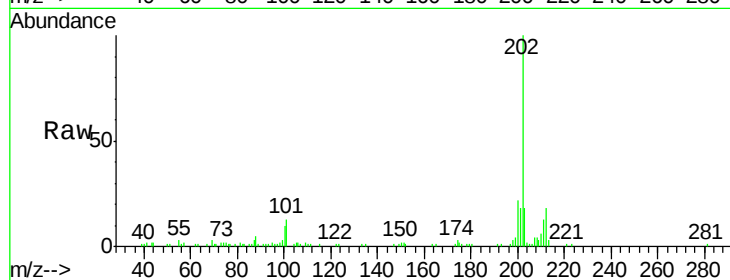
Instrument :

BNA_M

ClientSampleId :

H4076

Tgt Ion:	202	Resp:	58681
Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.8	16.2
100	10.2	8.4	12.6



#80

Benzo(a)anthracene

Concen: 1.04 ng/ul

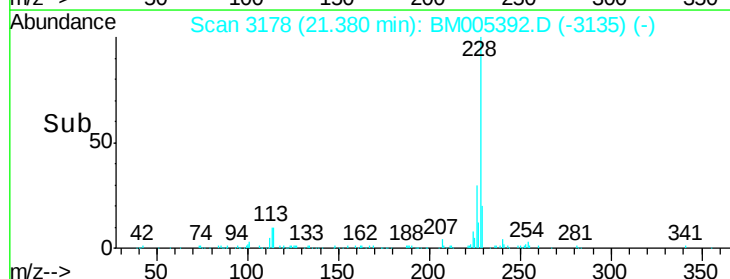
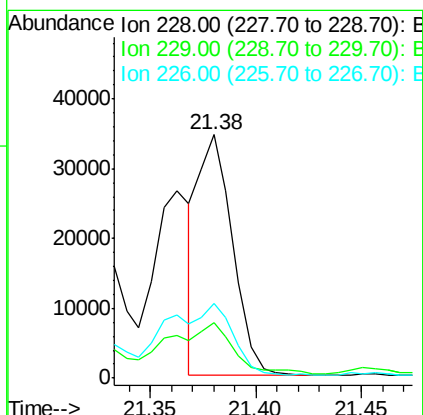
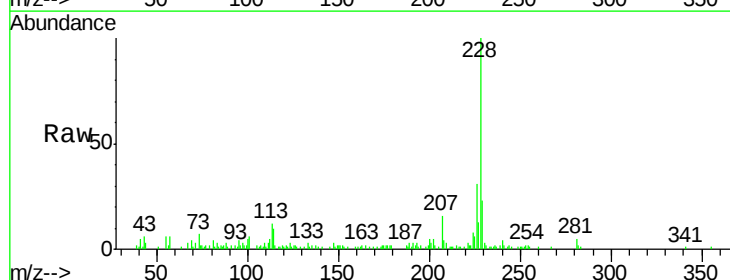
RT: 21.38 min Scan# 3178

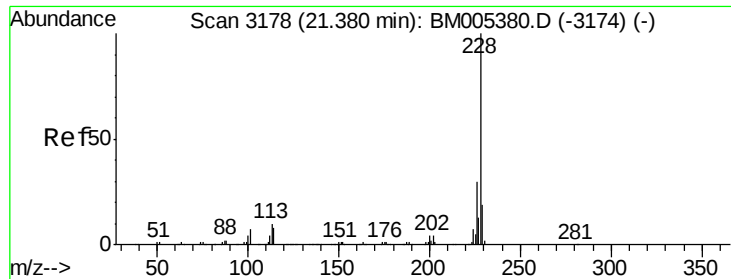
Delta R.T. 0.05 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

Tgt Ion:	228	Resp:	38700
Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.5	23.3
226	30.9	21.8	32.8





#82

Chrysene

Concen: 1.10 ng/ul

RT: 21.38 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

Instrument :

BNA_M

ClientSampleId :

H4076

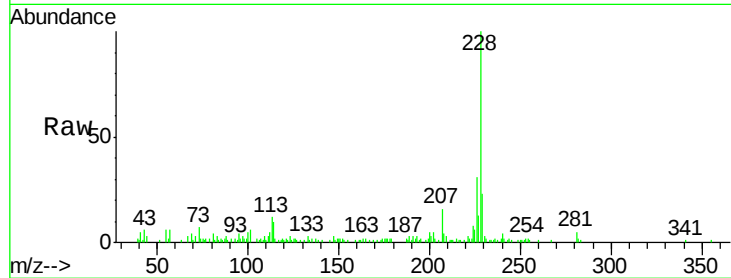
Tgt Ion:228 Resp: 38700

Ion Ratio Lower Upper

228 100

226 30.9 23.6 35.4

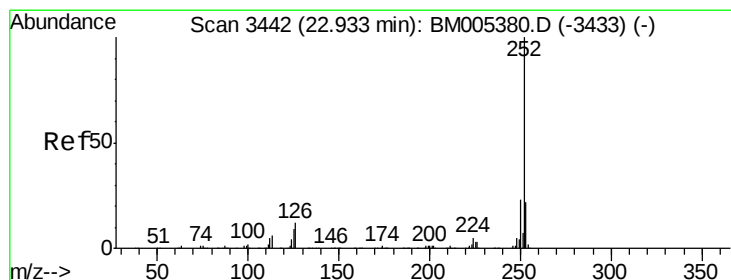
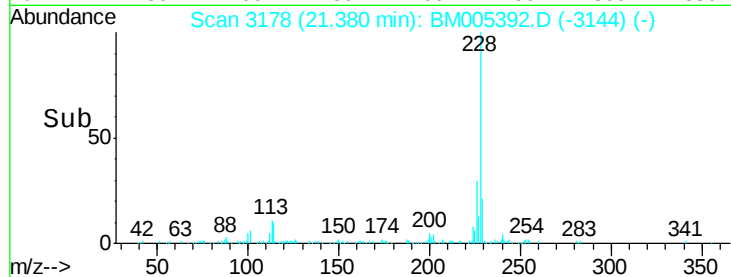
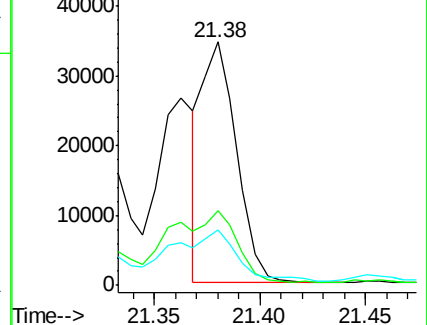
229 22.8 15.4 23.0



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: 3.63 ng/ul

RT: 22.93 min Scan# 3442

Delta R.T. 0.00 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

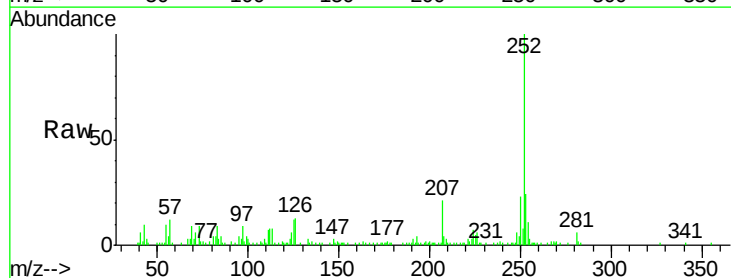
Tgt Ion:252 Resp: 103329

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

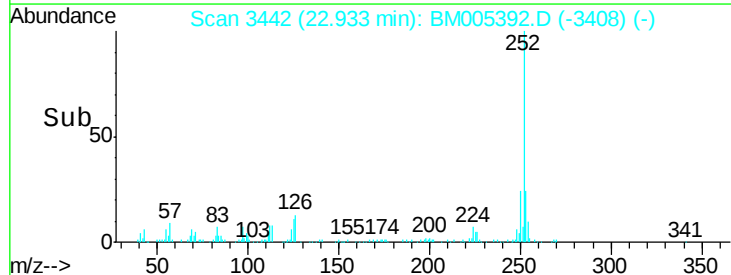
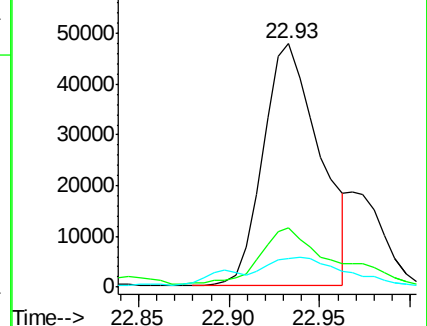
125 11.6 8.4 12.6

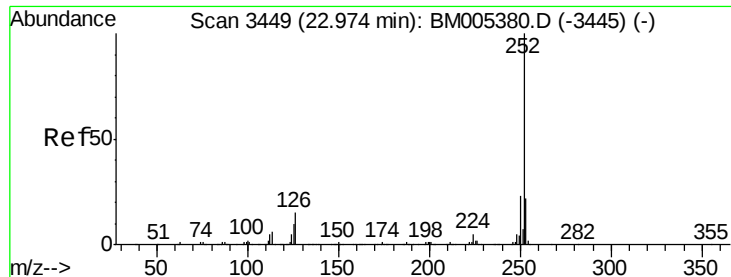


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

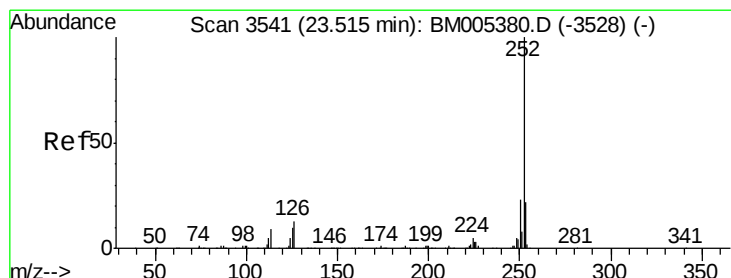
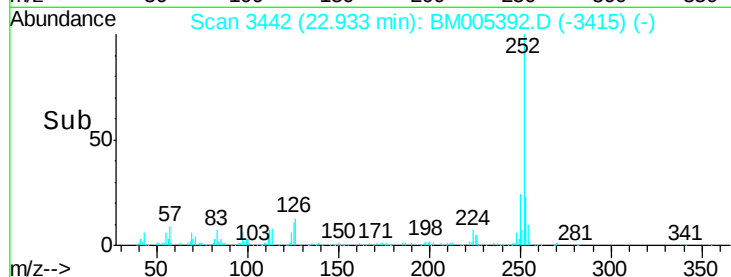
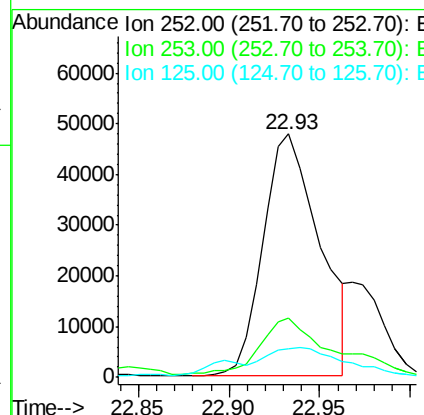
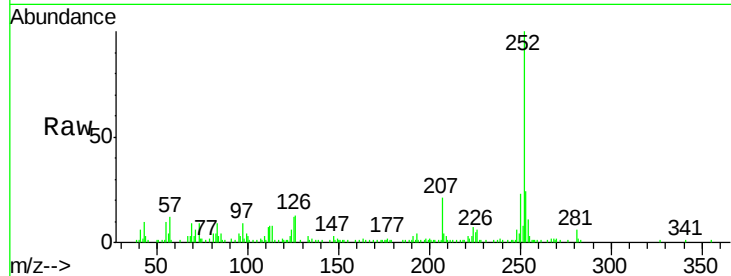




#86
Benzo(k)fluoranthene
Concen: 3.86 ng/ul
RT: 22.93 min Scan# 3442
Delta R.T. -0.04 min
Lab File: BM005392.D
Acq: 11 May 2016 18:15

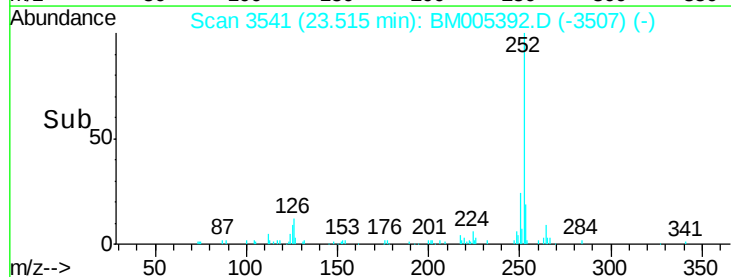
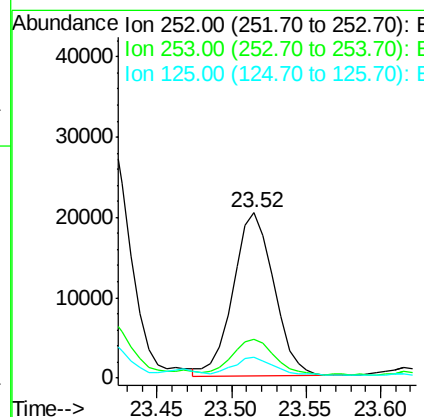
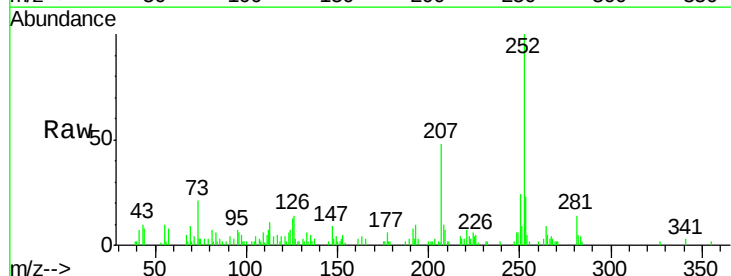
Instrument :
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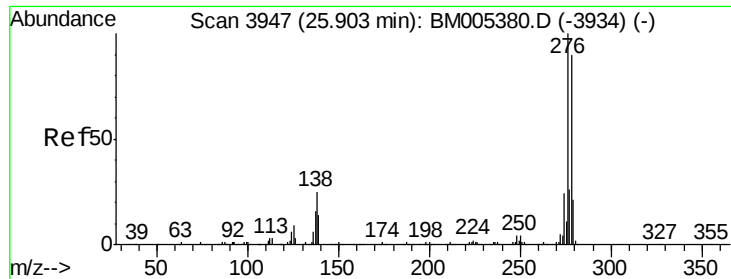
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	11.6	8.0	12.0



#88
Benzo(a)pyrene
Concen: 1.44 ng/ul
RT: 23.52 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BM005392.D
Acq: 11 May 2016 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.7	8.7	13.1





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng/ul

RT: 25.90 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

Instrument :

BNA_M

ClientSampleId :

H4076

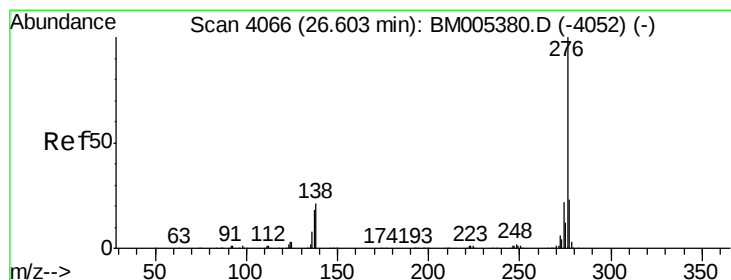
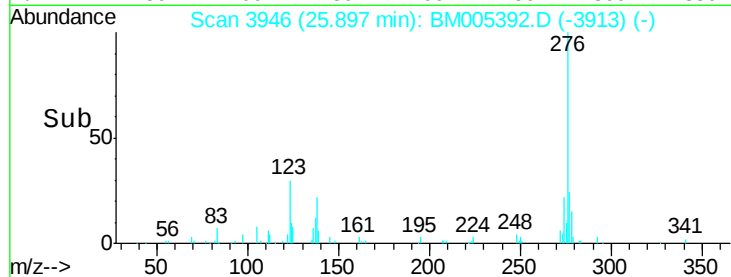
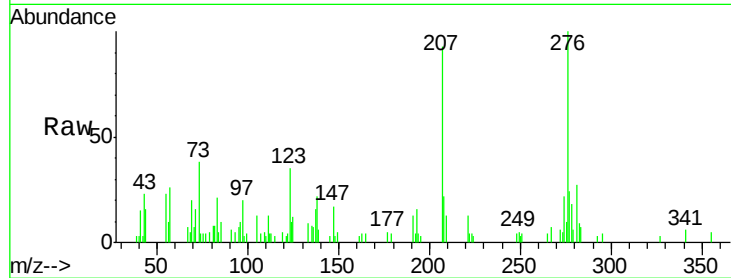
Tgt Ion:276 Resp: 30839

Ion Ratio Lower Upper

276 100

138 22.2 21.0 31.6

277 24.1 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 1.09 ng/ul

RT: 26.60 min Scan# 4066

Delta R.T. 0.00 min

Lab File: BM005392.D

Acq: 11 May 2016 18:15

Tgt Ion:276 Resp: 27054

Ion Ratio Lower Upper

276 100

138 21.4 18.2 27.4

277 24.5 19.4 29.2

