

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006537.D
 Acq On : 20 Jul 2016 00:01
 Operator : UM/SJ
 Sample : H4029-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJB1

Quant Time: Jul 20 04:25:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	183868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	766074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	425702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	959013	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1134226	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1217976	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	8292	1.90	ng/uL	0.00
5) Phenol-d5	6.79	99	304638	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	197175	21.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	246104	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	237481	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	113949	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	122311	18.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	223114	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	308853	23.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	673439	19.33	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	848152	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	96703	15.98	ng/ul	0.00
57) Fluorene-d10	15.26	176	596275	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75002	13.52	ng/ul	0.00
70) Anthracene-d10	17.11	188	937366	20.68	ng/ul	0.00
76) Pyrene-d10	19.42	212	1086250	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1188893	21.35	ng/ul	0.00

Target Compounds

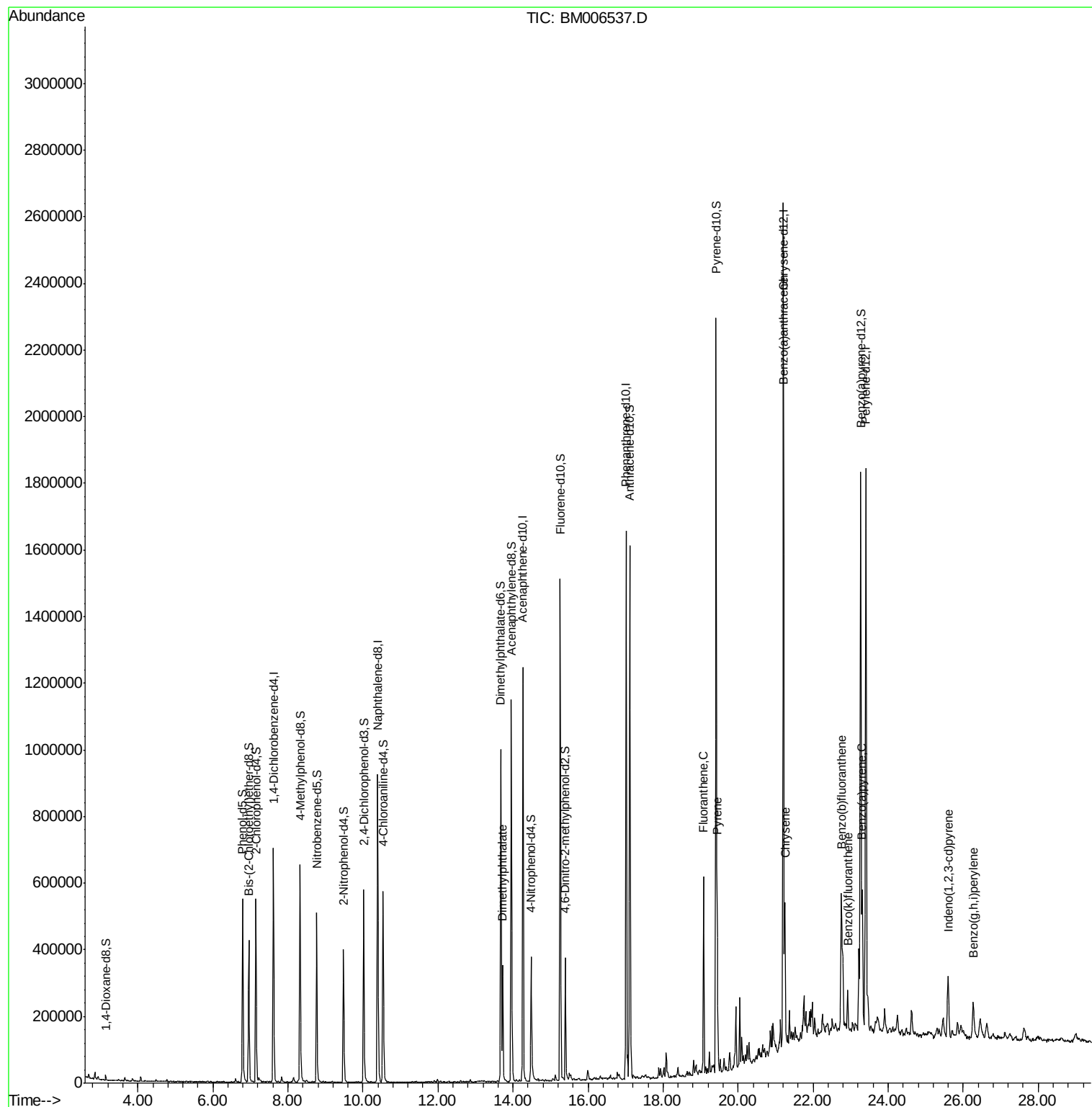
						Qvalue
44) Dimethylphthalate	13.72	163	208868	5.91	ng/ul	98
74) Fluoranthene	19.08	202	338825	5.53	ng/ul	100
77) Pyrene	19.44	202	339059	5.01	ng/ul	99
80) Benzo(a)anthracene	21.20	228	258208	3.73	ng/ul	93
82) Chrysene	21.25	228	248015	3.81	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	359595	4.94	ng/ul#	98
86) Benzo(k)fluoranthene	22.92	252	78749	1.15	ng/ul	96
88) Benzo(a)pyrene	23.31	252	291583	4.18	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	167045	2.06	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	131939	1.84	ng/ul	98

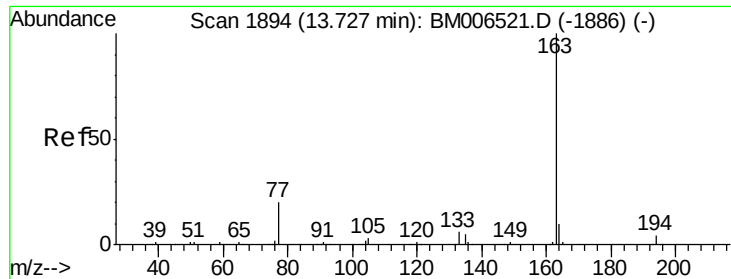
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.91 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampleId :

BDJB1

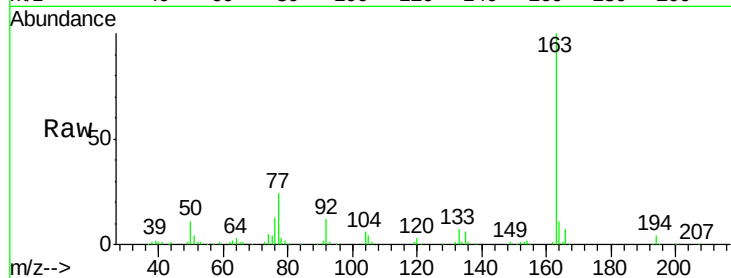
Tgt Ion:163 Resp: 208868

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

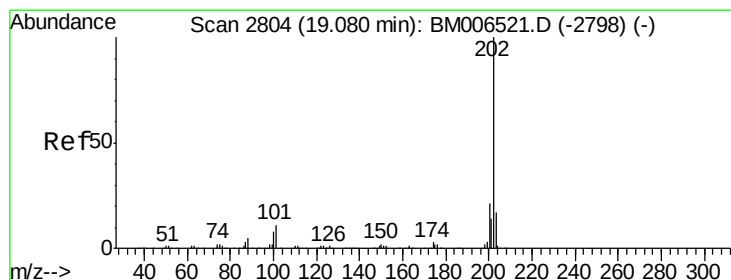
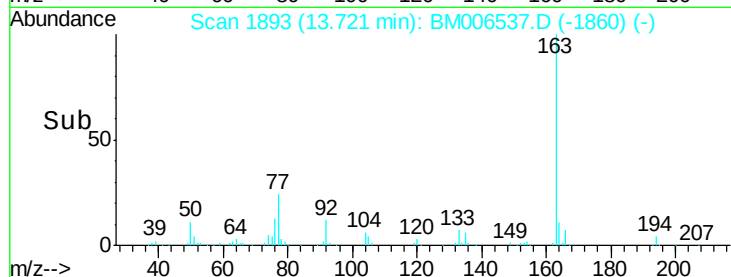
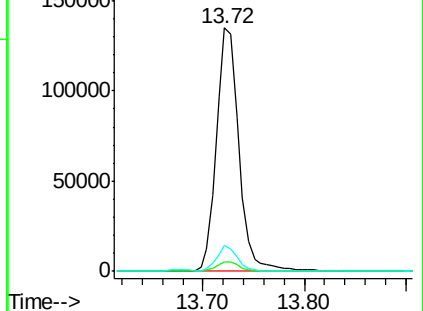
164 10.6 7.8 11.8



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



#74

Fluoranthene

Concen: 5.53 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

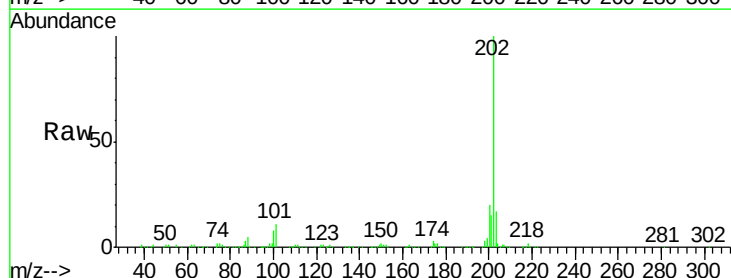
Tgt Ion:202 Resp: 338825

Ion Ratio Lower Upper

202 100

101 10.7 8.6 12.8

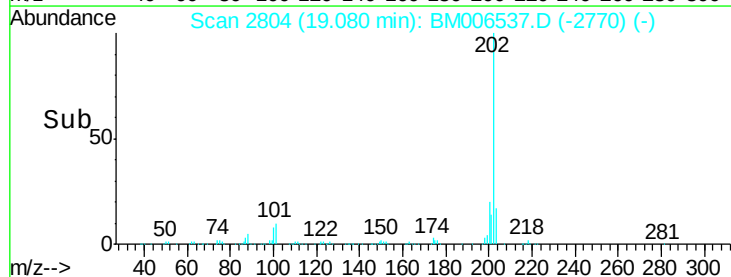
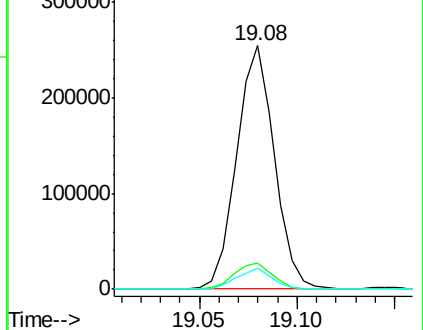
100 8.4 6.4 9.6

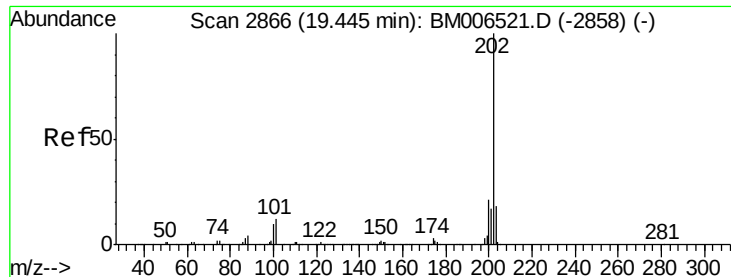


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.01 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampleId :

BDJB1

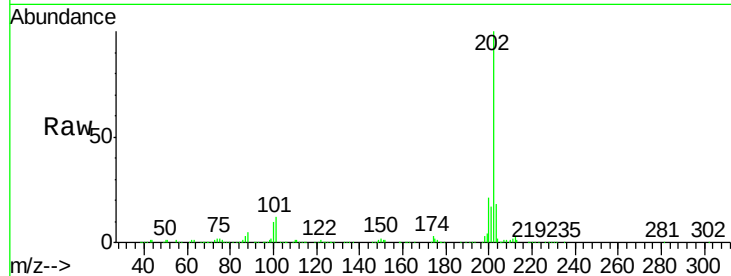
Tgt Ion:202 Resp: 339059

Ion Ratio Lower Upper

202 100

101 12.4 10.0 15.0

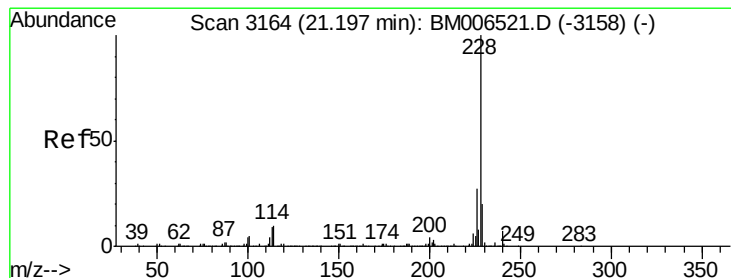
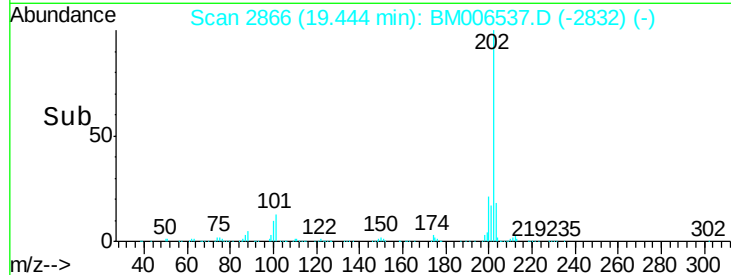
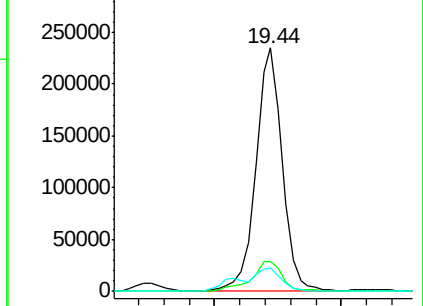
100 9.6 7.9 11.9



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: 3.73 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

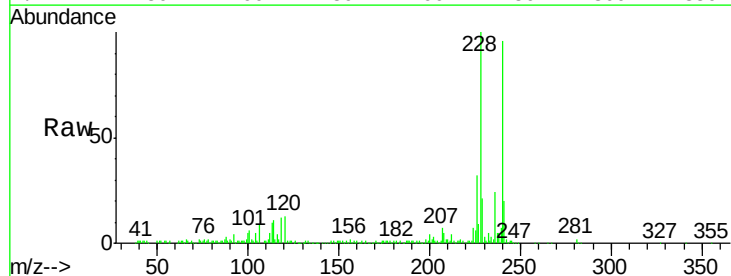
Tgt Ion:228 Resp: 258208

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

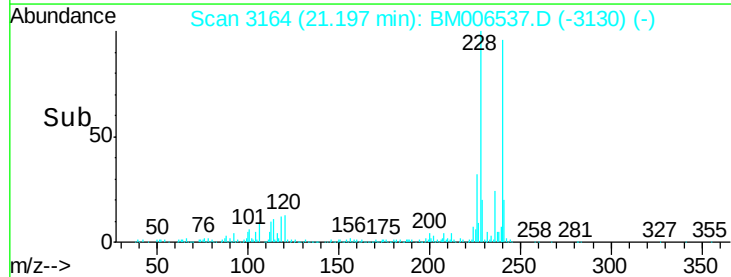
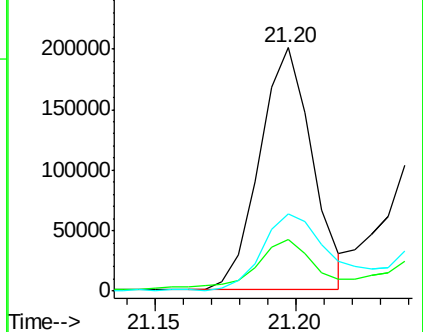
226 31.9 21.4 32.2

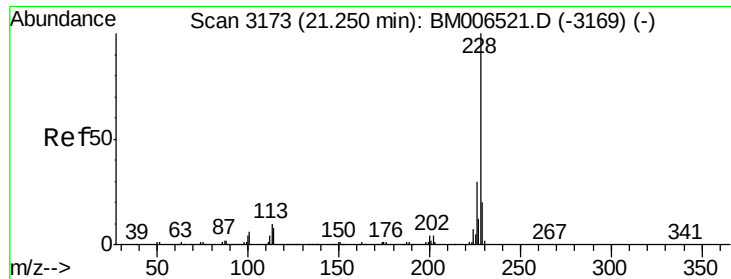


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.81 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampleId :

BDJB1

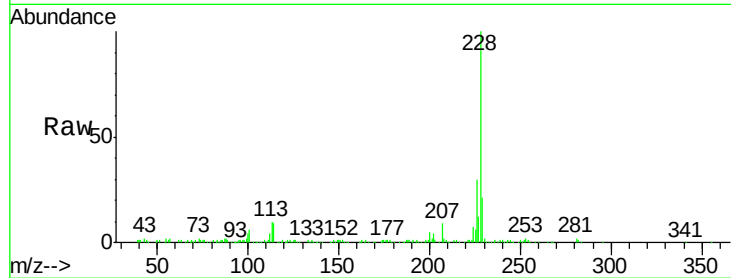
Tgt Ion:228 Resp: 248015

Ion Ratio Lower Upper

228 100

226 30.4 23.3 34.9

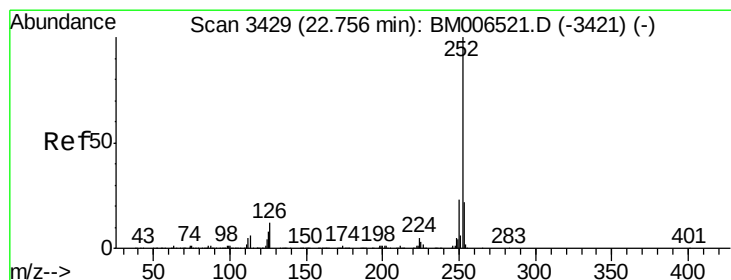
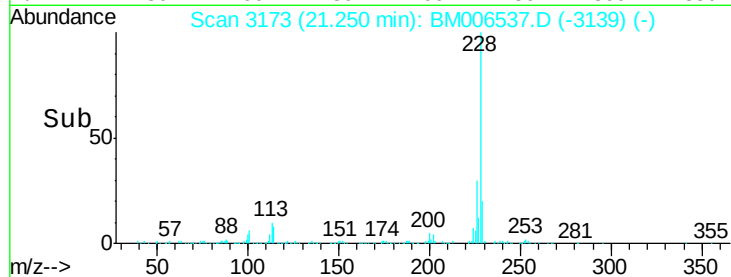
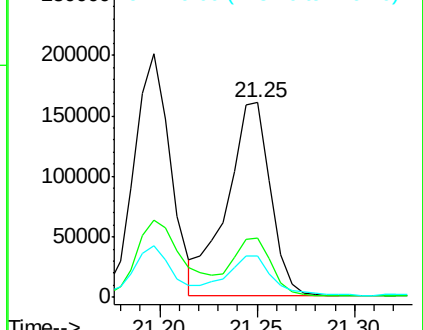
229 21.2 15.8 23.8



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: 4.94 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

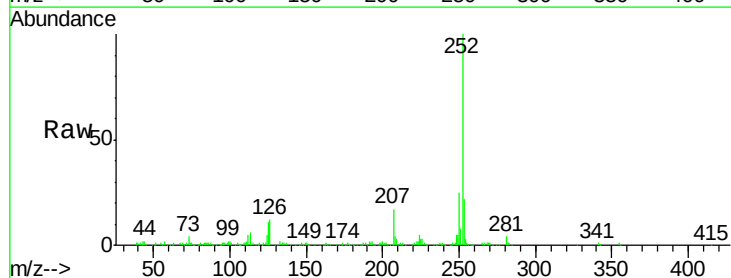
Tgt Ion:252 Resp: 359595

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

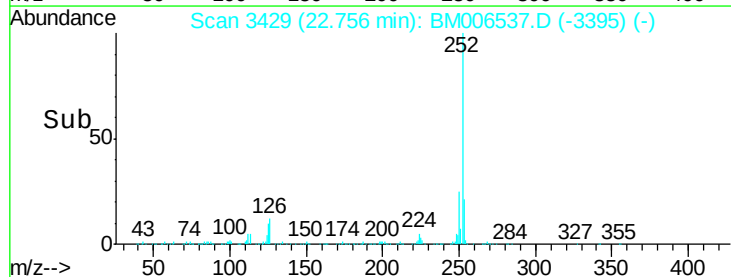
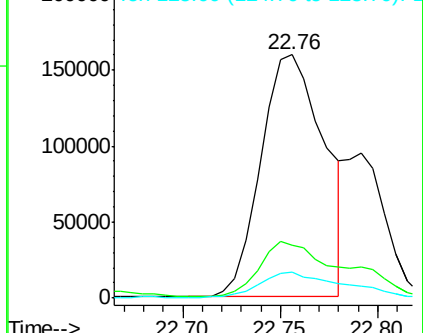
125 10.6 6.7 10.1#

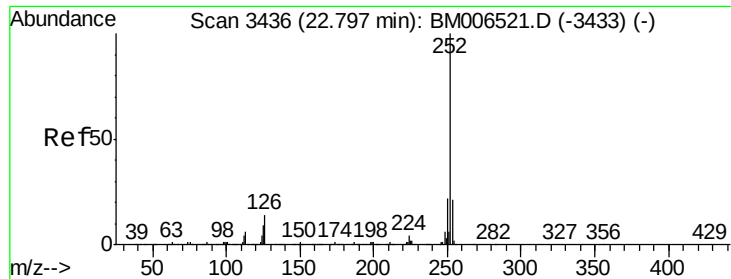


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

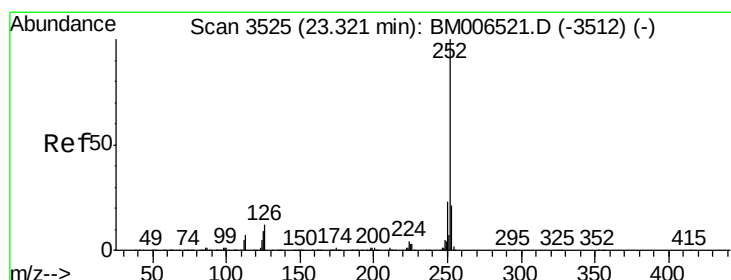
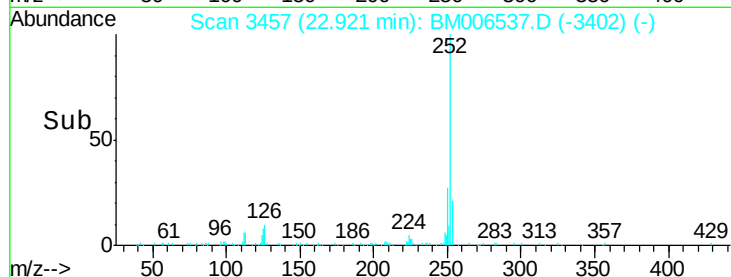
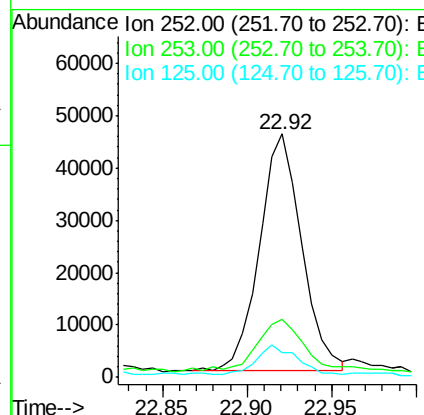
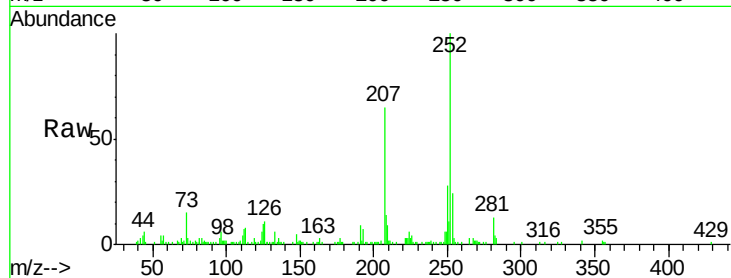




#86
Benzo(k)fluoranthene
Concen: 1.15 ng/ul
RT: 22.92 min Scan# 3457
Delta R.T. 0.12 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

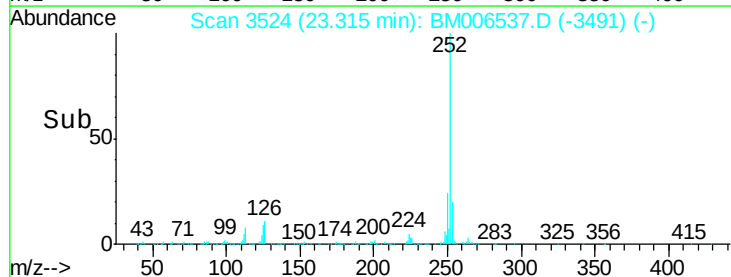
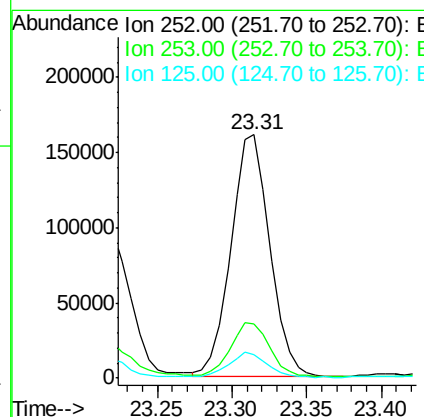
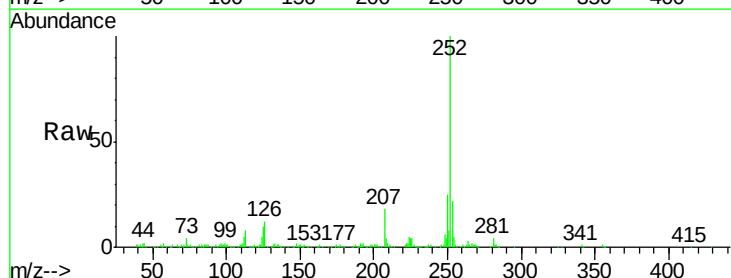
Instrument :
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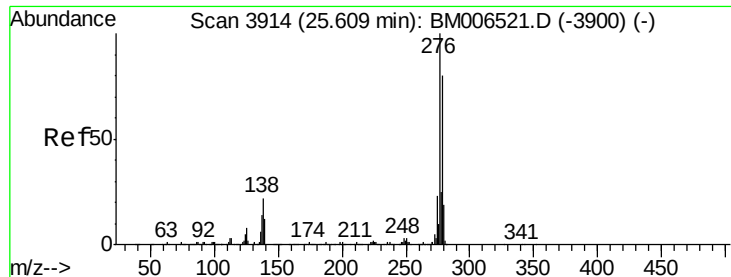
Tgt Ion:252 Resp: 78749
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 10.2 7.0 10.4



#88
Benzo(a)pyrene
Concen: 4.18 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

Tgt Ion:252 Resp: 291583
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.6 7.6 11.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.06 ng/ul

RT: 25.60 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampleId :

BDJB1

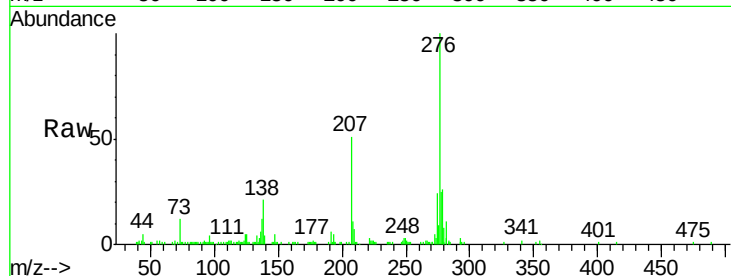
Tgt Ion:276 Resp: 167045

Ion Ratio Lower Upper

276 100

138 20.7 17.8 26.6

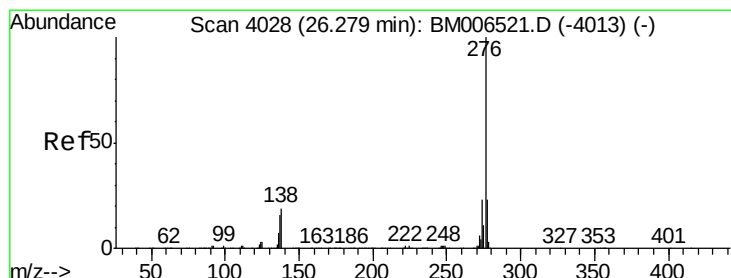
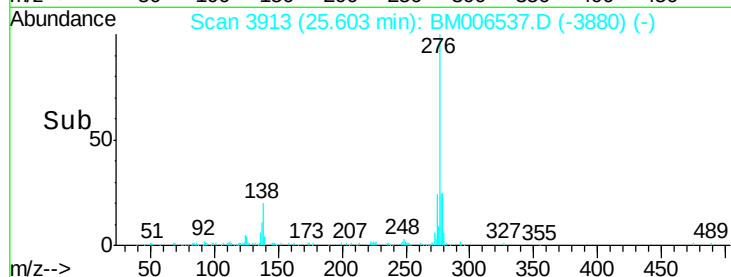
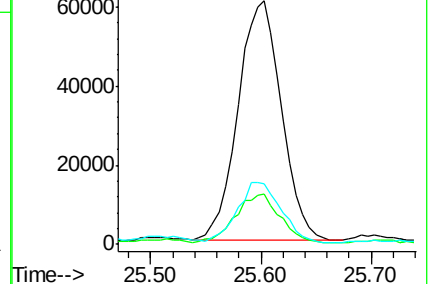
277 24.8 20.1 30.1



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: 1.84 ng/ul

RT: 26.27 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

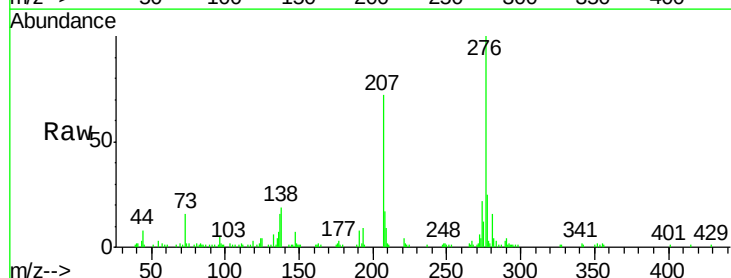
Tgt Ion:276 Resp: 131939

Ion Ratio Lower Upper

276 100

138 19.0 15.0 22.4

277 24.8 19.0 28.4



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

