

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006530.D
 Acq On : 19 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4029-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJA4

Quant Time: Jul 20 04:24:07 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	176758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	720751	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	411249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	933666	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1119103	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1203309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4026	0.96	ng/uL	0.00
5) Phenol-d5	6.79	99	138720	9.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	95689	10.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	117628	10.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	109437	9.51	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	51468	9.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	51106	8.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	96135	8.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	136146	11.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	328991	9.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	420179	10.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	25418	4.35	ng/ul	0.01
57) Fluorene-d10	15.26	176	310740	10.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	16012	2.96	ng/ul	0.00
70) Anthracene-d10	17.12	188	480751	10.89	ng/ul	0.00
76) Pyrene-d10	19.42	212	574564	11.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	631596	11.48	ng/ul	0.00

Target Compounds

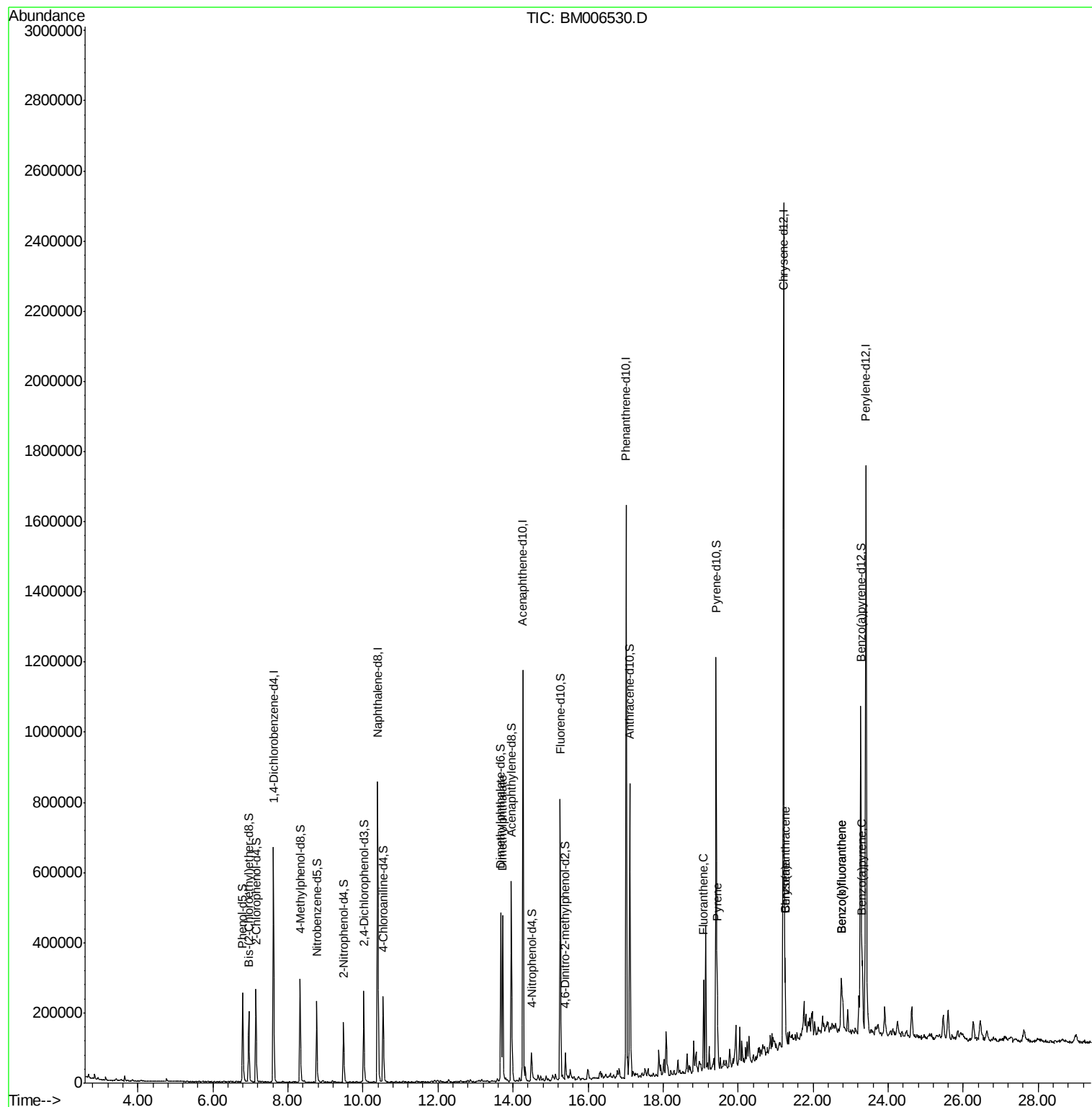
						Qvalue
44) Dimethylphthalate	13.72	163	298668	8.75	ng/ul	99
74) Fluoranthene	19.08	202	141397	2.37	ng/ul	98
77) Pyrene	19.44	202	172038	2.57	ng/ul	99
80) Benzo(a)anthracene	21.25	228	138707	2.03	ng/ul	92
82) Chrysene	21.25	228	138707	2.16	ng/ul	95
85) Benzo(b)fluoranthene	22.76	252	133196	1.85	ng/ul#	94
86) Benzo(k)fluoranthene	22.76	252	133196	1.97	ng/ul#	94
88) Benzo(a)pyrene	23.31	252	137003	1.99	ng/ul	98

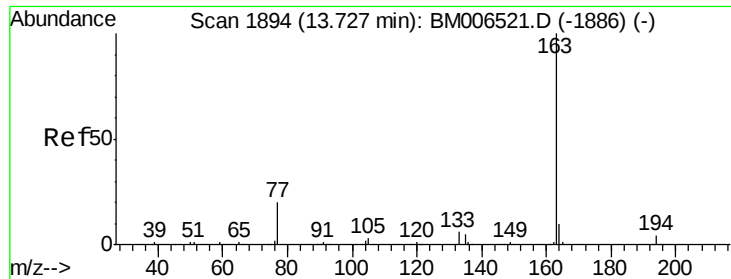
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 8.75 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

BDJA4

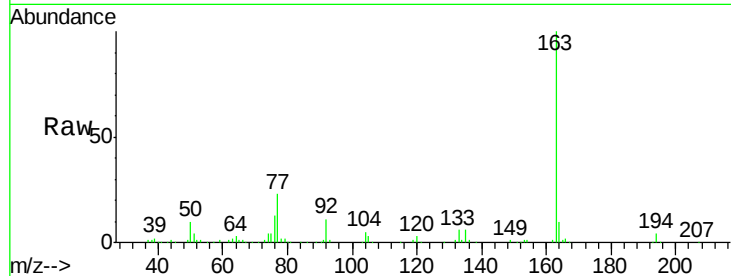
Tgt Ion:163 Resp: 298668

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

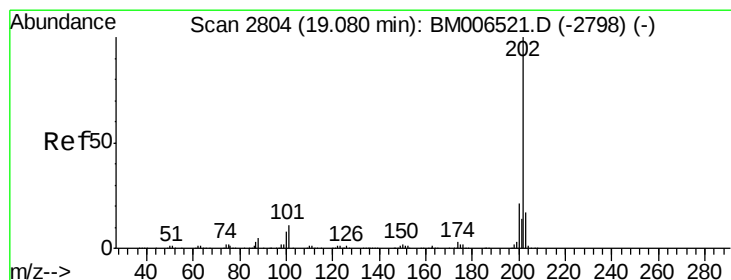
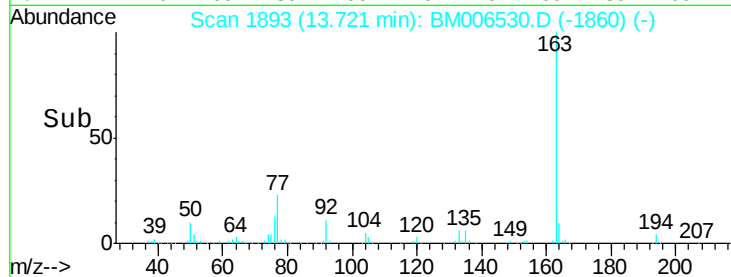
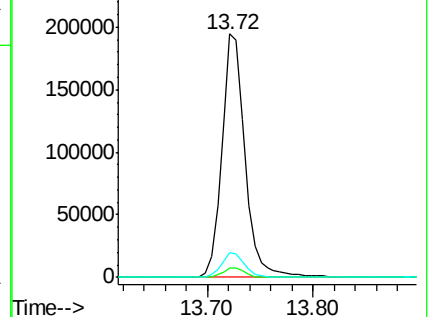
164 10.2 7.8 11.8



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: 2.37 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

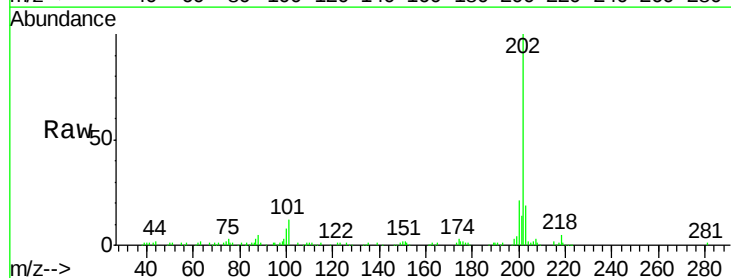
Tgt Ion:202 Resp: 141397

Ion Ratio Lower Upper

202 100

101 11.7 8.6 12.8

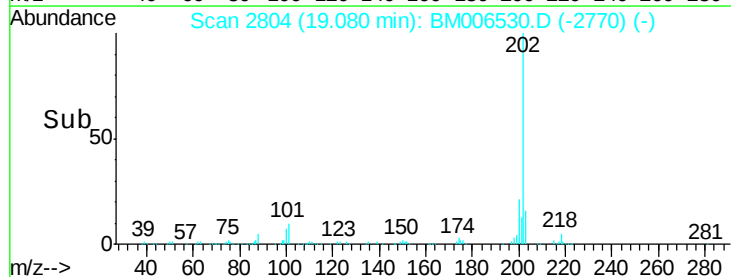
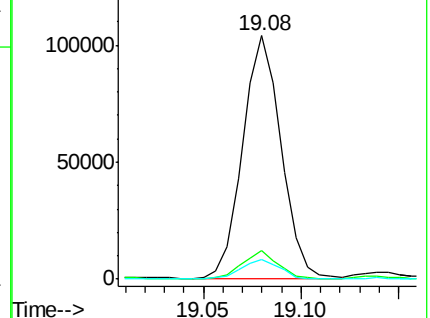
100 8.0 6.4 9.6

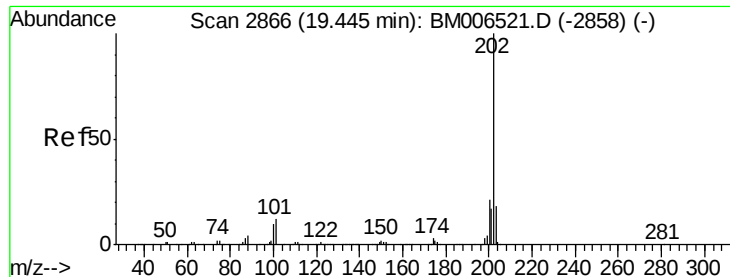


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

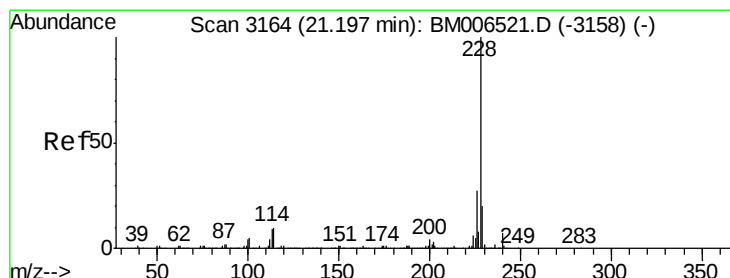
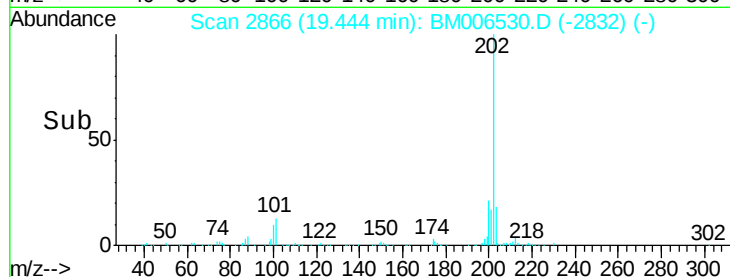
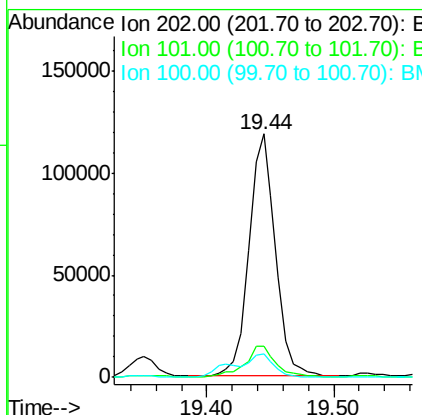
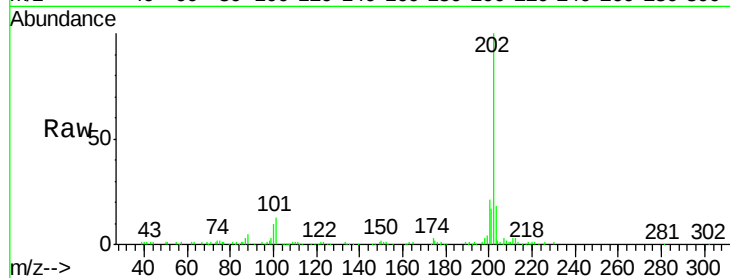




#77
 Pyrene
 Concen: 2.57 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BM006530.D
 Acq: 19 Jul 2016 19:46

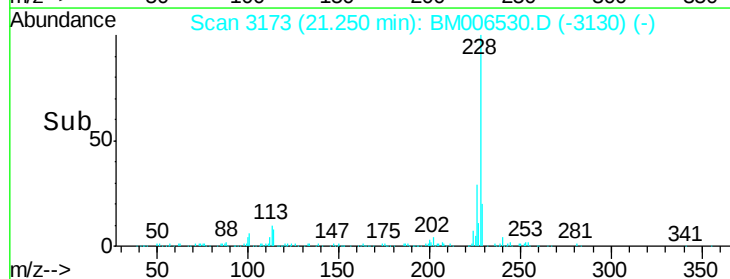
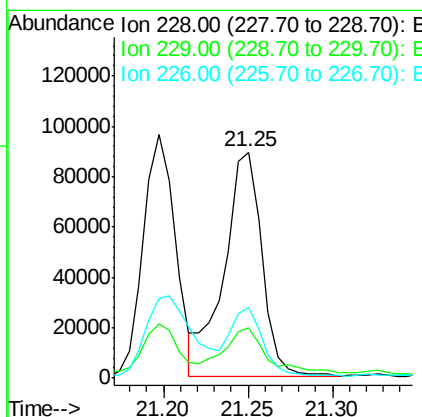
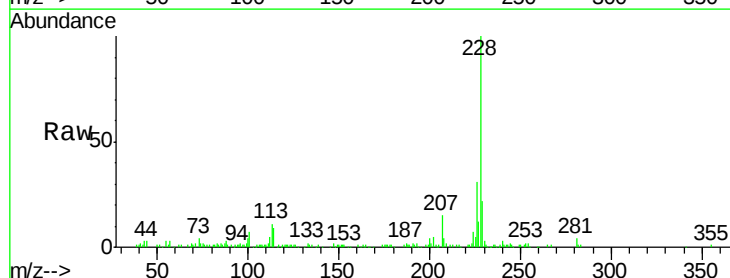
Instrument :
 BNA_M
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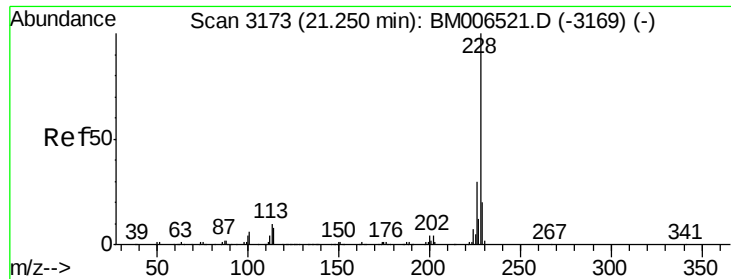
Tgt Ion:202 Resp: 172038
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.0 15.0
 100 9.7 7.9 11.9



#80
 Benzo(a)anthracene
 Concen: 2.03 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. 0.05 min
 Lab File: BM006530.D
 Acq: 19 Jul 2016 19:46

Tgt Ion:228 Resp: 138707
 Ion Ratio Lower Upper
 228 100
 229 22.5 15.6 23.4
 226 31.1 21.4 32.2





#82

Chrysene

Concen: 2.16 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

BDJA4

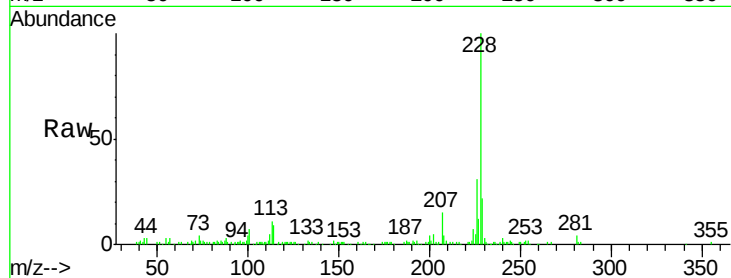
Tgt Ion:228 Resp: 138707

Ion Ratio Lower Upper

228 100

226 31.1 23.3 34.9

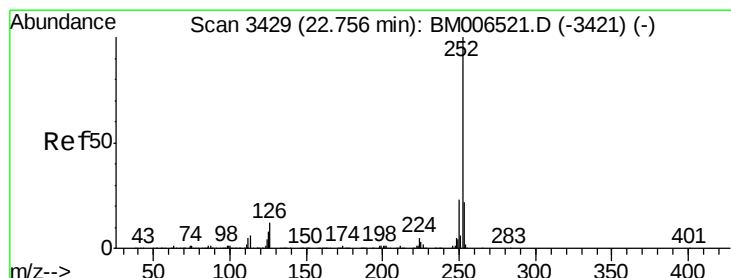
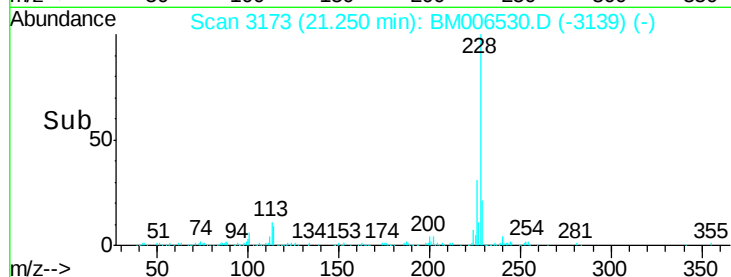
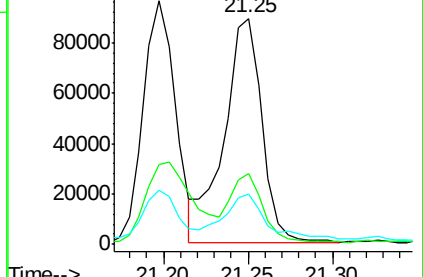
229 22.5 15.8 23.8



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: 1.85 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

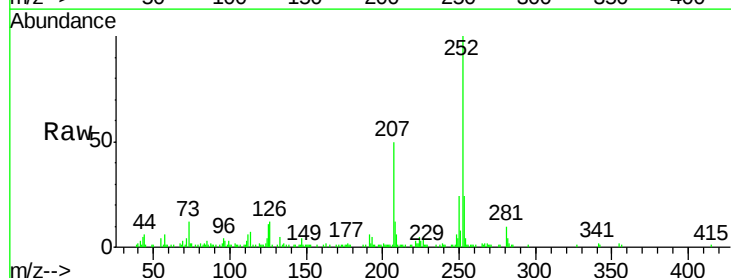
Tgt Ion:252 Resp: 133196

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

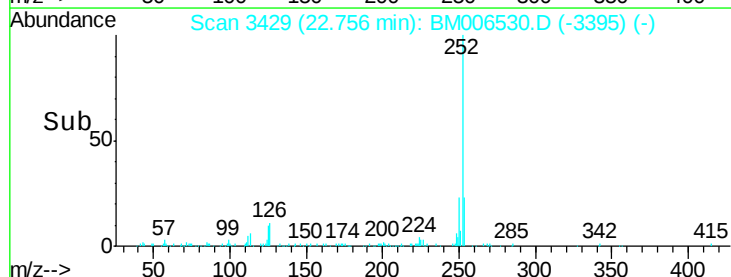
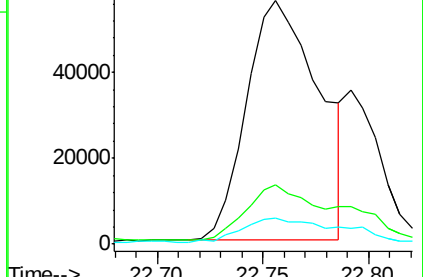
125 10.9 6.7 10.1#

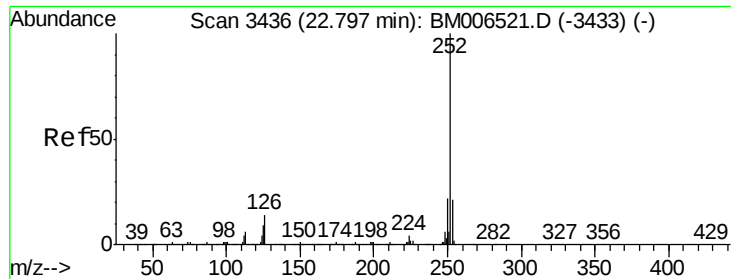


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

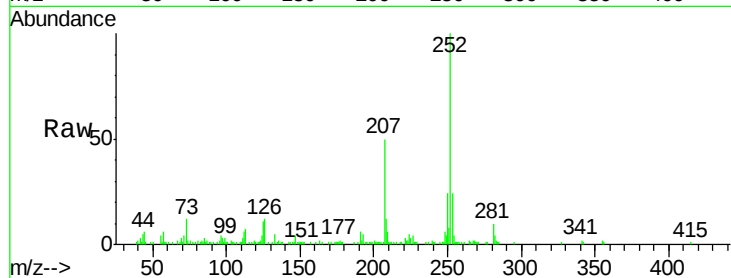




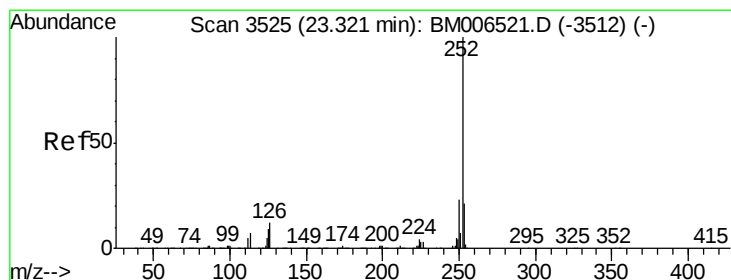
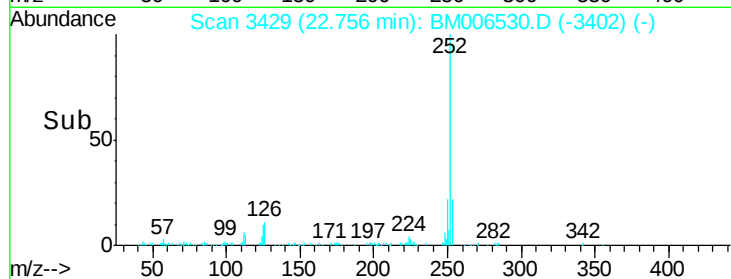
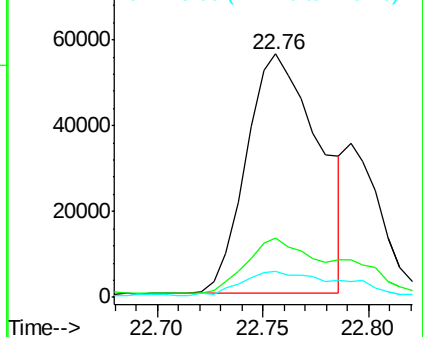
#86
Benzo(k)fluoranthene
Concen: 1.97 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006530.D
Acq: 19 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
BDJA4

Tgt Ion:252 Resp: 133196
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 10.9 7.0 10.4#

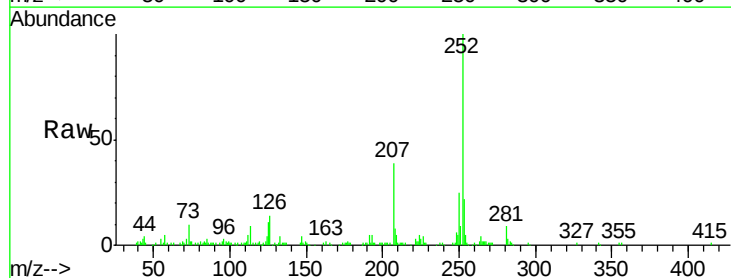


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(a)pyrene
Concen: 1.99 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006530.D
Acq: 19 Jul 2016 19:46

Tgt Ion:252 Resp: 137003
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.8 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

