

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071416\
 Data File : BM006430.D
 Acq On : 15 Jul 2016 06:53
 Operator : UM/SJ
 Sample : H3990-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ74

Quant Time: Jul 15 08:06:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	540042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	320420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	766080	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	955089	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1014774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	6564	2.20	ng/uL	0.00
5) Phenol-d5	6.80	99	268529	26.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	168539	27.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	215070	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	214950	26.32	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	104244	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	118439	25.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	206386	23.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	270580	29.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	689984	26.31	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	846423	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	113477	24.91	ng/ul	0.00
57) Fluorene-d10	15.27	176	609122	26.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	95349	21.52	ng/ul	0.00
70) Anthracene-d10	17.12	188	950052	26.24	ng/ul	0.00
76) Pyrene-d10	19.42	212	1146367	26.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1305244	28.13	ng/ul	0.00

Target Compounds

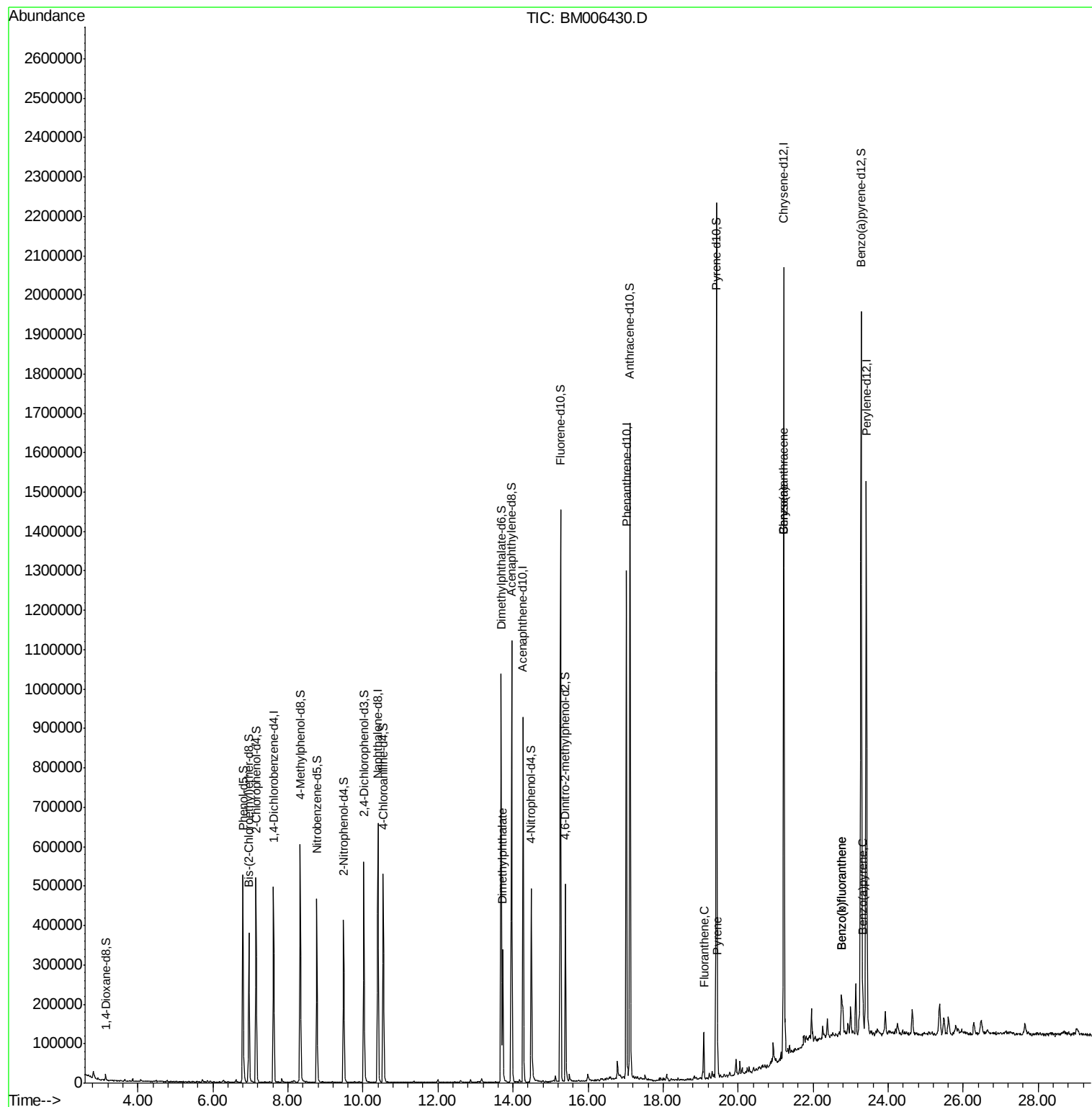
						Qvalue
44) Dimethylphthalate	13.73	163	201424	7.57	ng/ul	100
74) Fluoranthene	19.09	202	76730	1.57	ng/ul	98
77) Pyrene	19.45	202	72462	1.27	ng/ul	99
80) Benzo(a)anthracene	21.20	228	62652	1.07	ng/ul	95
82) Chrysene	21.20	228	62652	1.14	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	77529	1.28	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	77529	1.36	ng/ul	98
88) Benzo(a)pyrene	23.32	252	64551	1.11	ng/ul	98

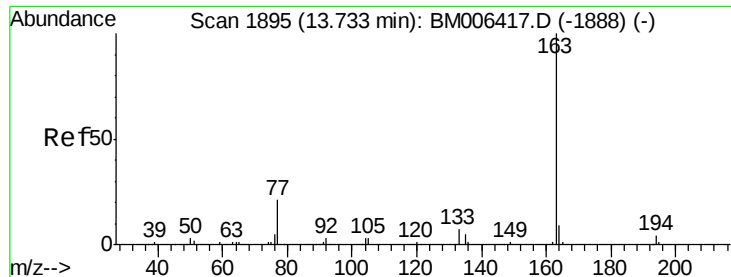
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 7.57 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

Instrument :

BNA_M

ClientSampleId :

BDJ74

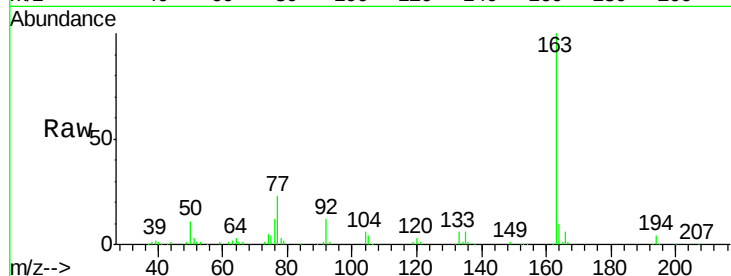
Tgt Ion:163 Resp: 201424

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

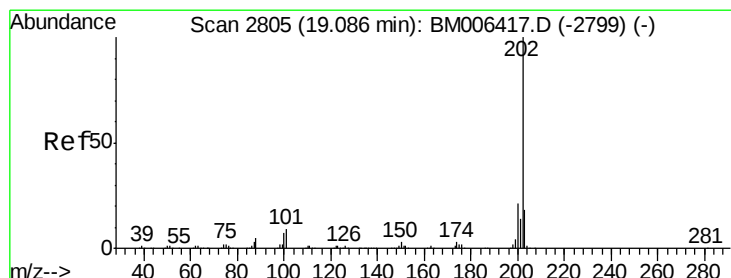
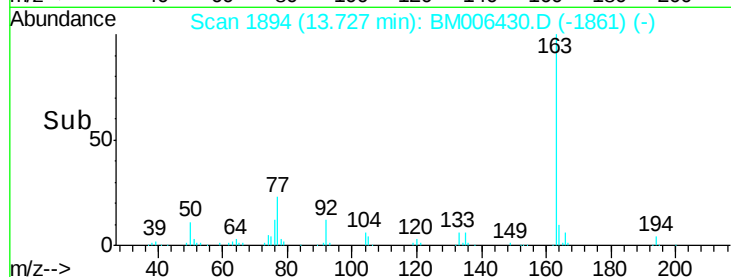
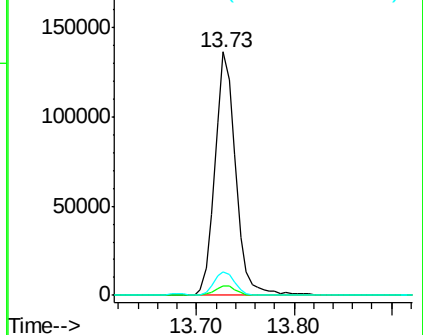
164 9.7 7.8 11.8



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: 1.57 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

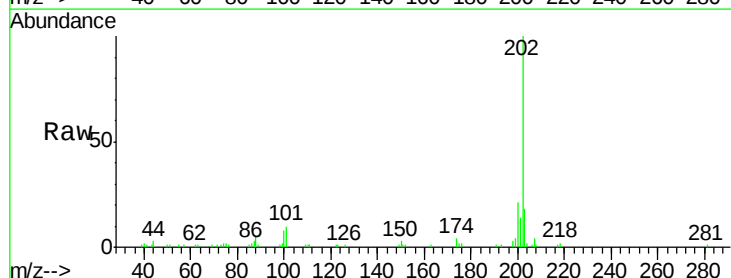
Tgt Ion:202 Resp: 76730

Ion Ratio Lower Upper

202 100

101 9.7 8.6 12.8

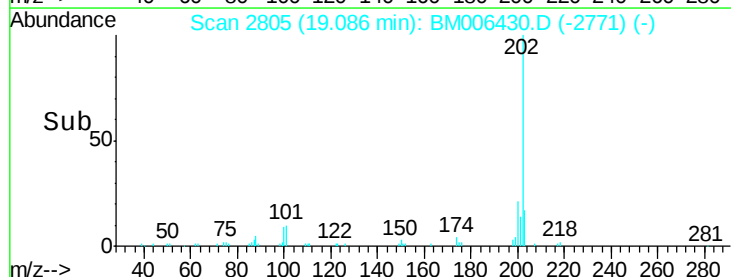
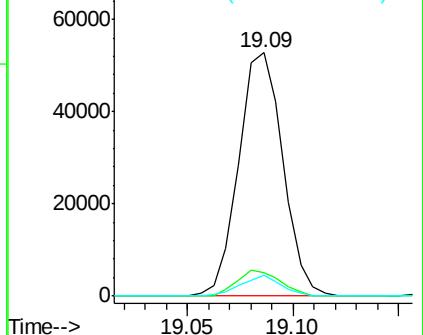
100 8.5 6.4 9.6

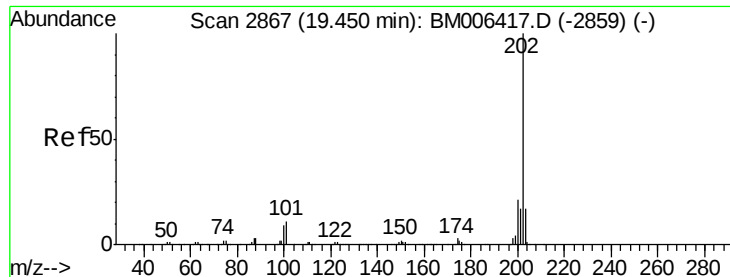


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.27 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

Instrument :

BNA_M

ClientSampleId :

BDJ74

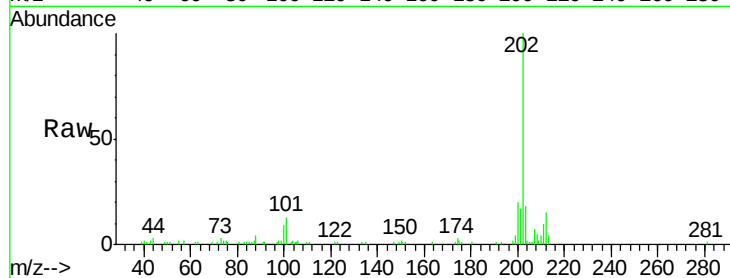
Tgt Ion:202 Resp: 72462

Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

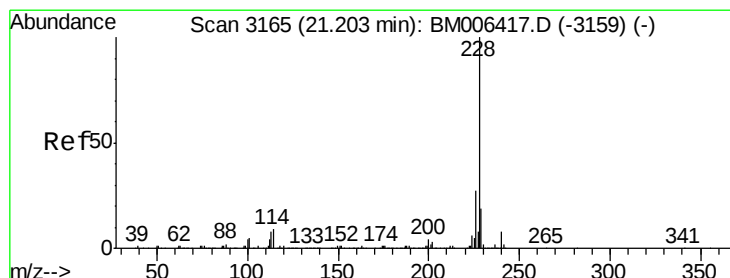
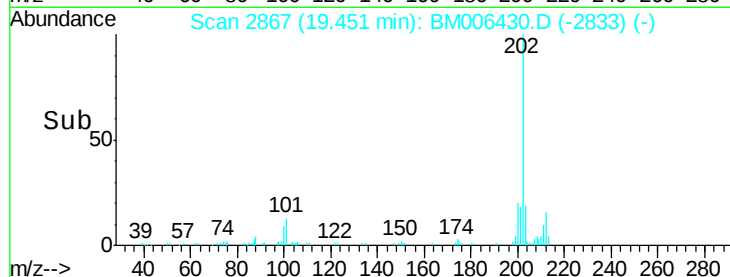
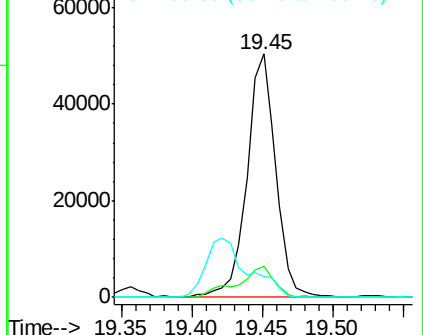
100 8.8 7.9 11.9



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: 1.07 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

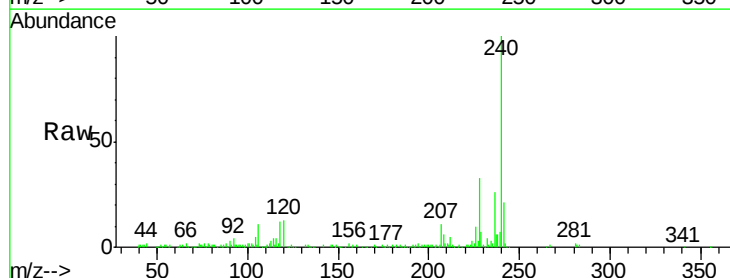
Tgt Ion:228 Resp: 62652

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

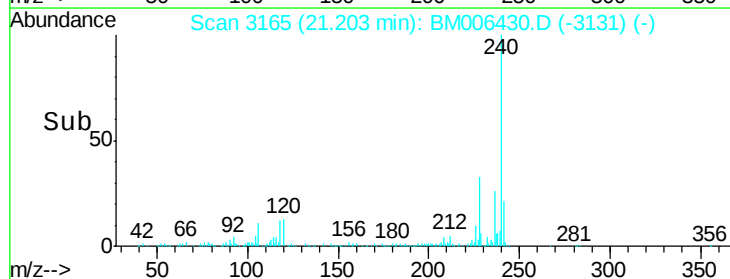
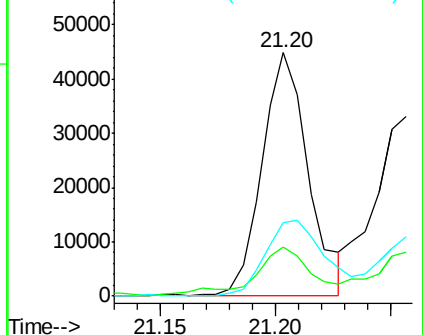
226 30.2 21.4 32.2

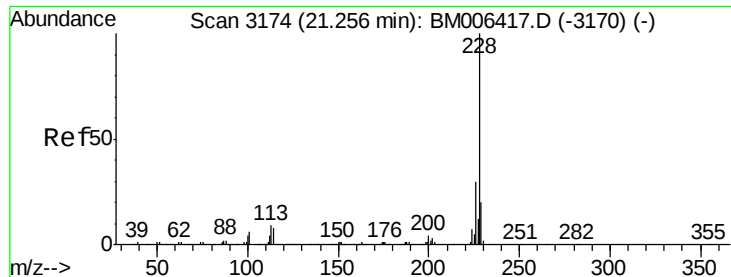


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.14 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. -0.05 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

Instrument :

BNA_M

ClientSampleId :

BDJ74

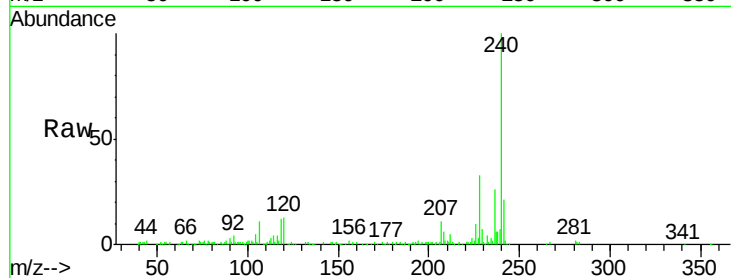
Tgt Ion:228 Resp: 62652

Ion Ratio Lower Upper

228 100

226 30.2 23.3 34.9

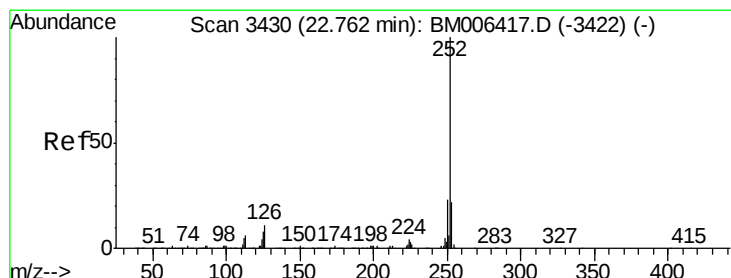
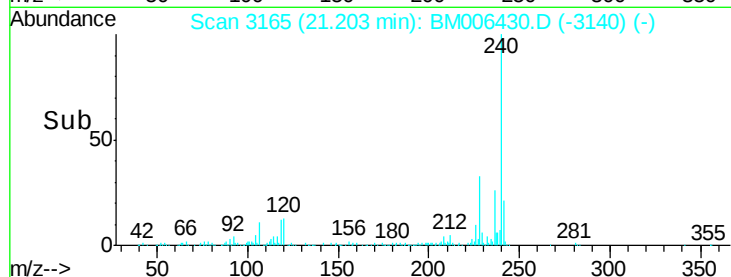
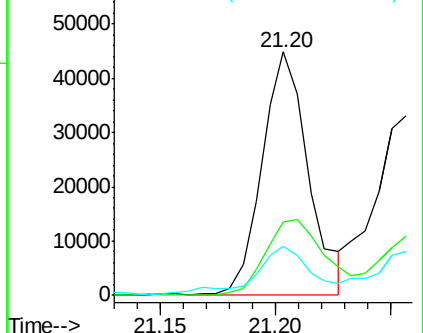
229 20.4 15.8 23.8



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: 1.28 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

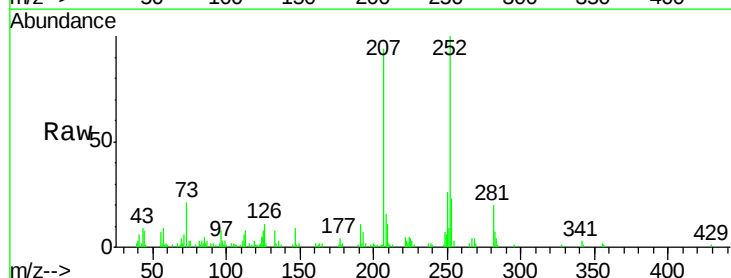
Tgt Ion:252 Resp: 77529

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

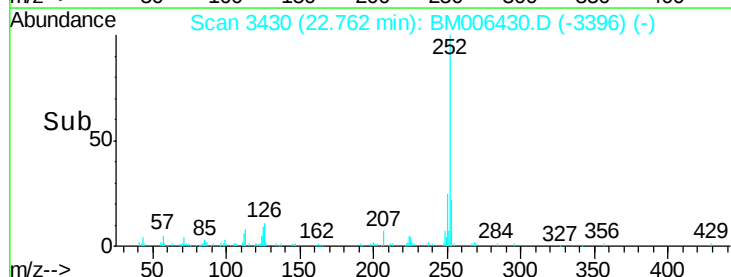
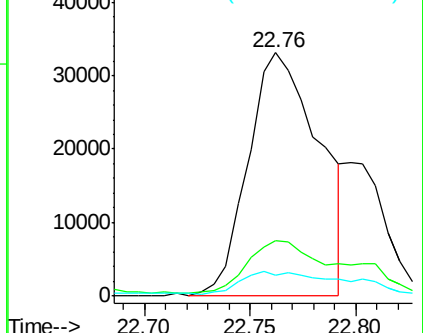
125 8.5 6.7 10.1

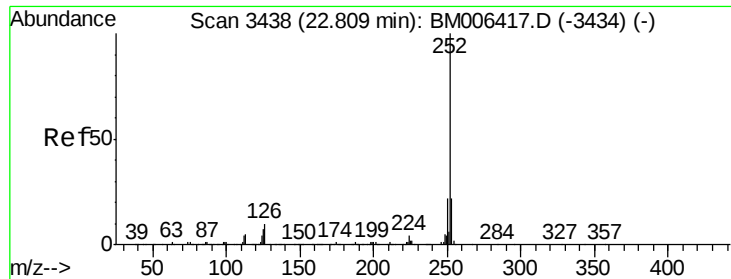


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.36 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. -0.05 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

Instrument :

BNA_M

ClientSampleId :

BDJ74

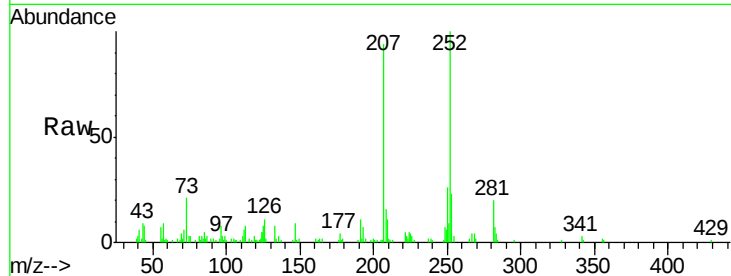
Tgt Ion:252 Resp: 77529

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

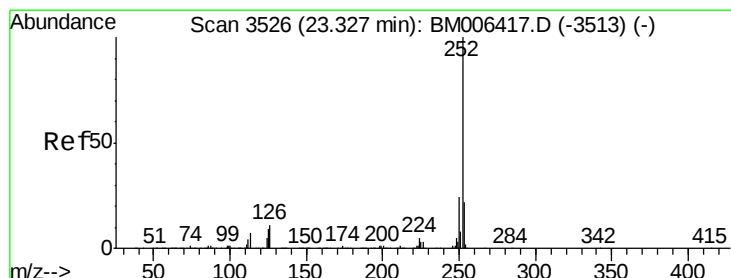
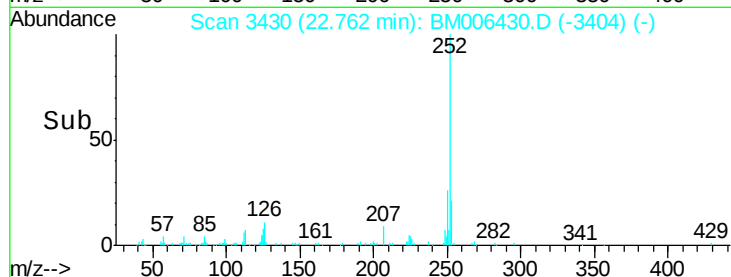
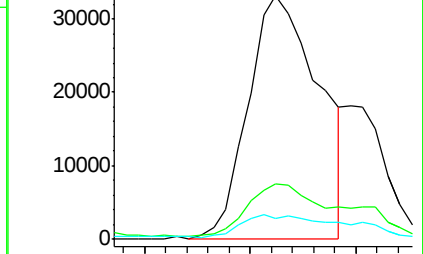
125 8.5 7.0 10.4



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: 1.11 ng/ul

RT: 23.32 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BM006430.D

Acq: 15 Jul 2016 06:53

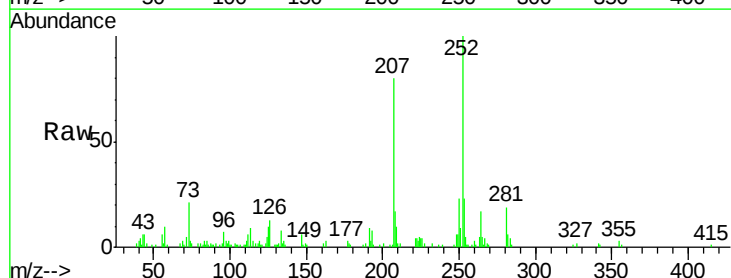
Tgt Ion:252 Resp: 64551

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.0 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

