

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022416\
 Data File : BM004390.D
 Acq On : 24 Feb 2016 18:08
 Operator : SJ/UM
 Sample : H1515-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S16-0003

Quant Time: Feb 25 02:15:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 02:09:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	124701	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	77907	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	181838	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	189191	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	137647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2294	4.81	ng/uL	0.00
5) Phenol-d5	6.81	99	52489	24.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	28947	27.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	48760	26.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	40180	21.34	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	24746	26.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	28547	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	50008	25.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	52258	21.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	178924	26.78	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	219199	28.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	19121	17.80	ng/ul	0.00
58) Fluorene-d10	15.28	176	159865	28.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	20790	18.61	ng/ul	0.00
71) Anthracene-d10	17.14	188	255319	28.66	ng/ul	0.00
79) Pyrene-d10	19.44	212	293518	32.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	221733	30.70	ng/ul	0.00

Target Compounds

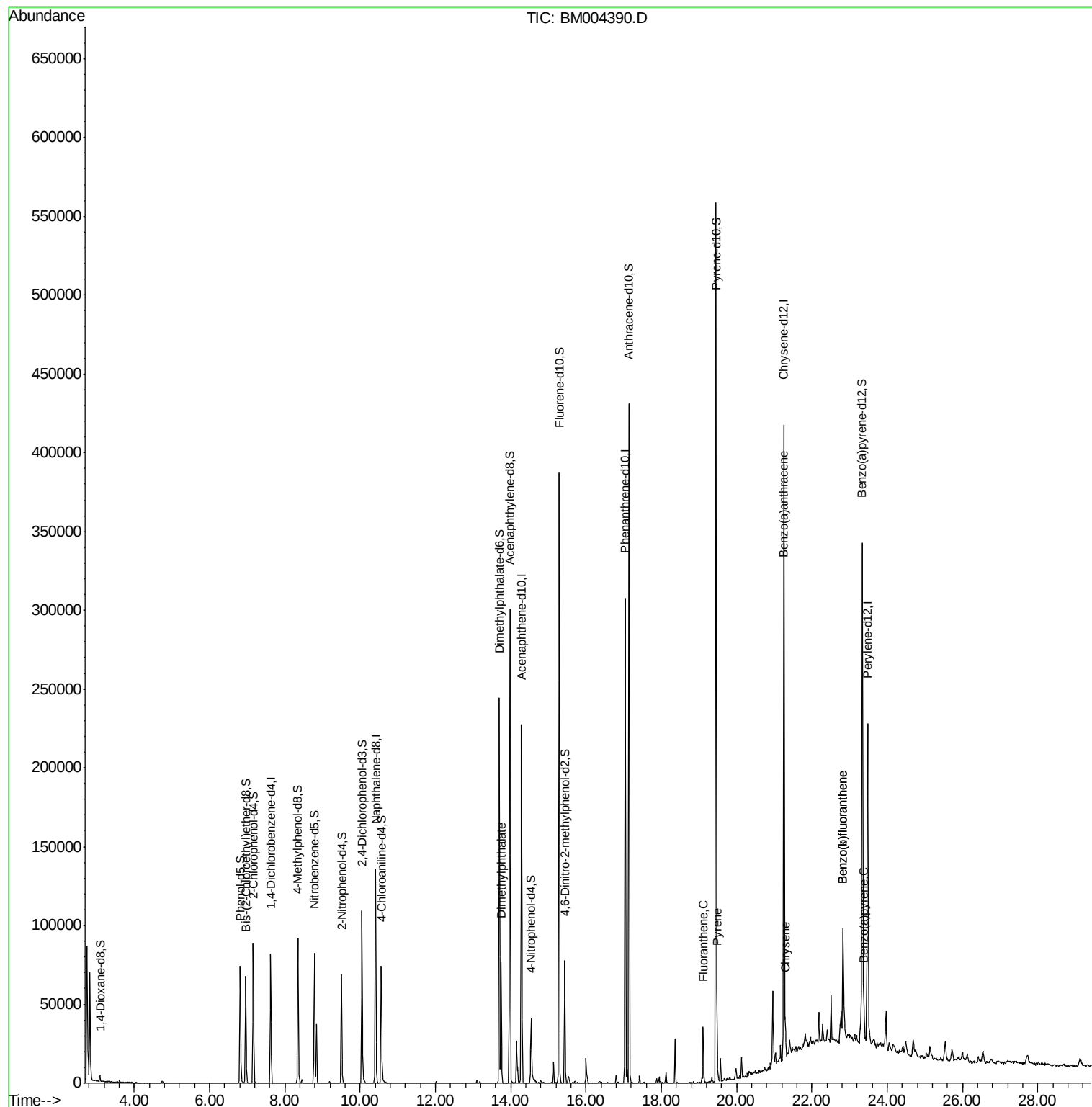
						Qvalue
45) Dimethylphthalate	13.74	163	54749	7.86	ng/ul	99
77) Fluoranthene	19.11	202	23900	1.93	ng/ul	98
80) Pyrene	19.47	202	23050	1.86	ng/ul	99
83) Benzo(a)anthracene	21.24	228	13536	1.11	ng/ul	99
85) Chrysene	21.29	228	14356	1.23	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	19782	2.13	ng/ul#	82
89) Benzo(k)fluoranthene	22.81	252	19782	2.26	ng/ul#	81
91) Benzo(a)pyrene	23.38	252	11700	1.35	ng/ul#	91

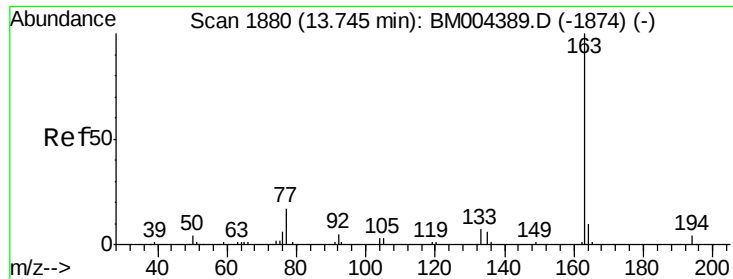
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.86 ng/ul

RT: 13.74 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

Instrument :

BNA_M

ClientSampleId :

0311-S16-0003

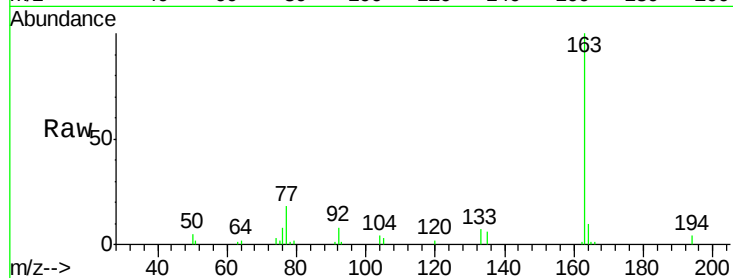
Tgt Ion:163 Resp: 54749

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

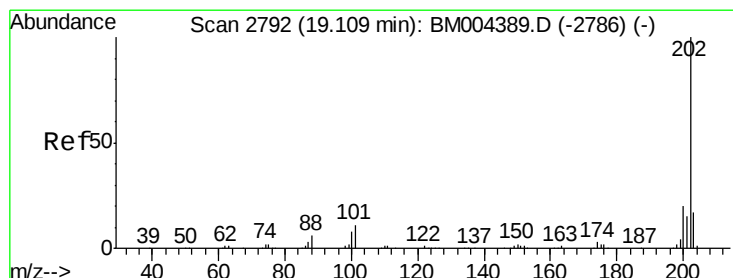
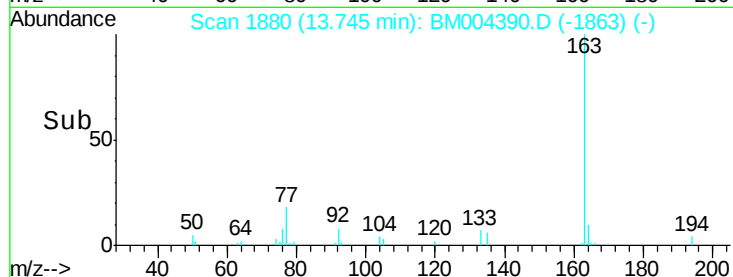
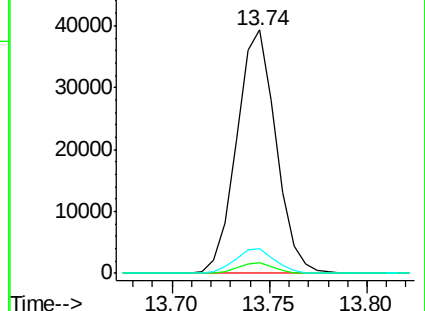
164 10.0 7.8 11.8



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



#77

Fluoranthene

Concen: 1.93 ng/ul

RT: 19.11 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

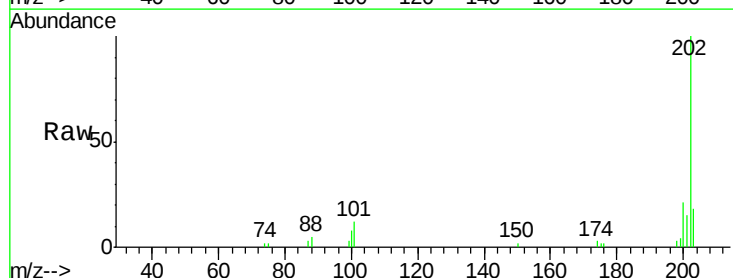
Tgt Ion:202 Resp: 23900

Ion Ratio Lower Upper

202 100

101 12.2 8.8 13.2

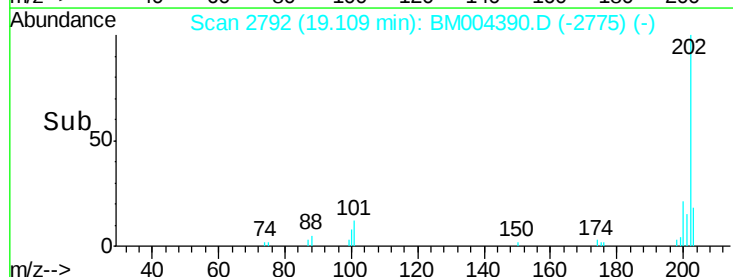
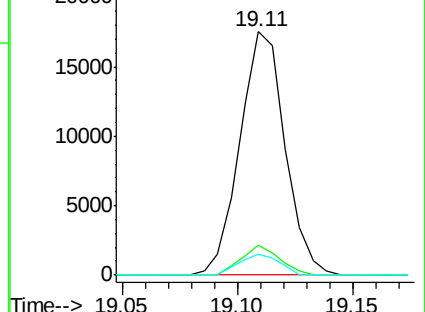
100 8.3 6.6 9.8

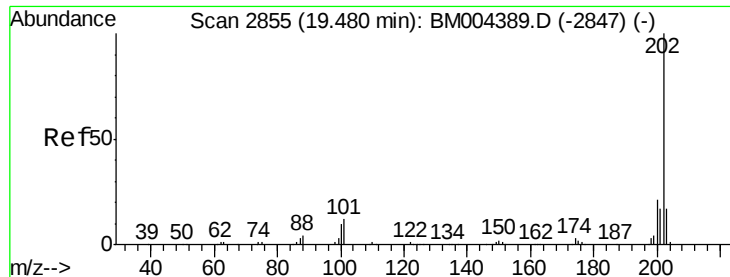


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.86 ng/ul

RT: 19.47 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

Instrument :

BNA_M

ClientSampleId :

0311-S16-0003

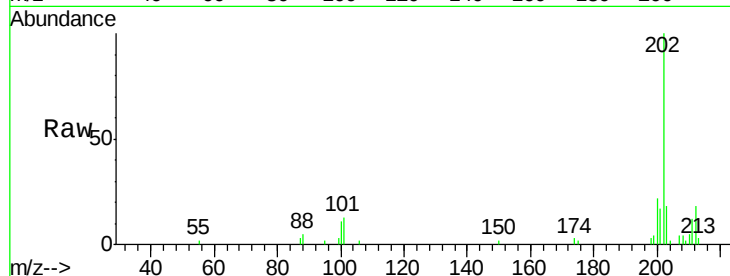
Tgt Ion:202 Resp: 23050

Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

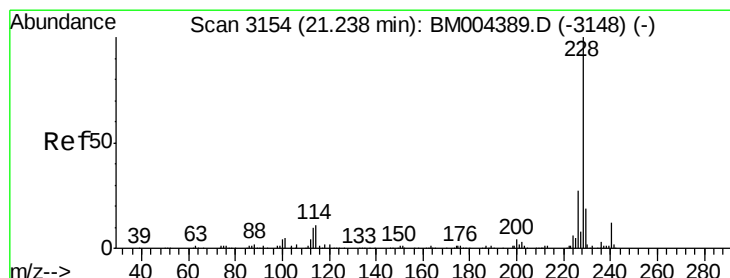
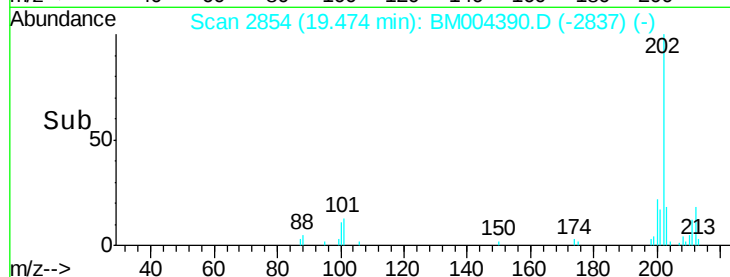
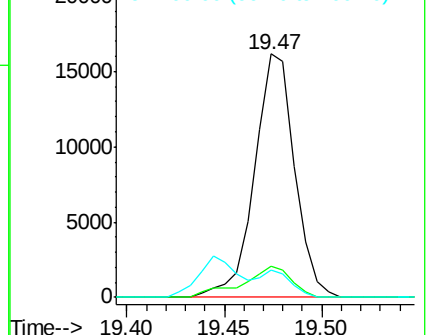
100 11.4 8.5 12.7



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



#83

Benzo(a)anthracene

Concen: 1.11 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

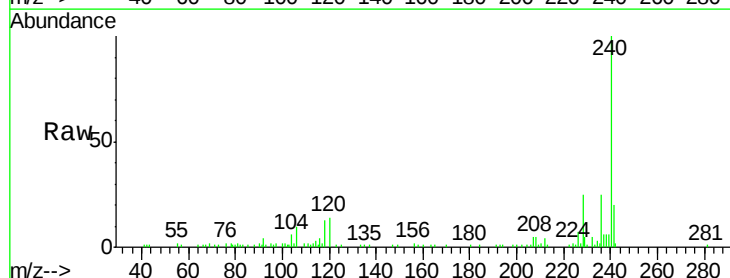
Tgt Ion:228 Resp: 13536

Ion Ratio Lower Upper

228 100

229 20.8 15.7 23.5

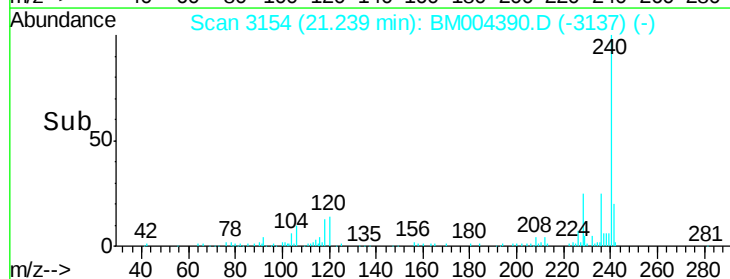
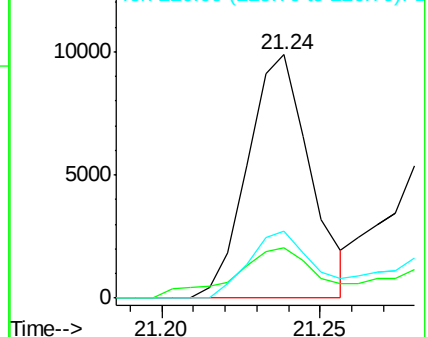
226 27.3 21.8 32.6

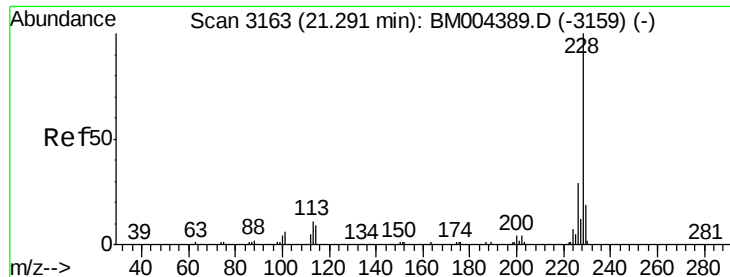


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.23 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

Instrument :

BNA_M

ClientSampleId :

0311-S16-0003

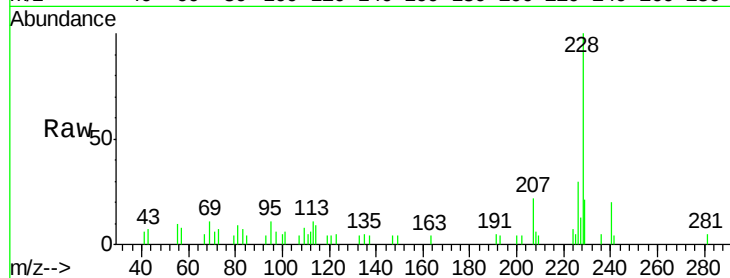
Tgt Ion:228 Resp: 14356

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

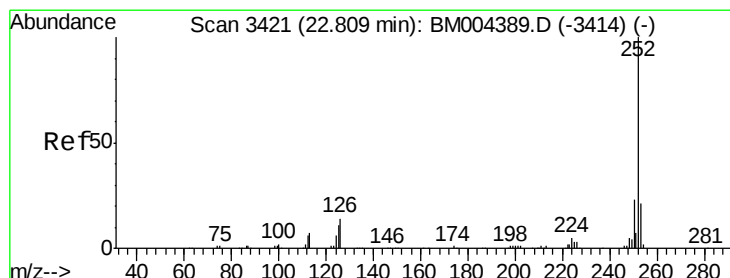
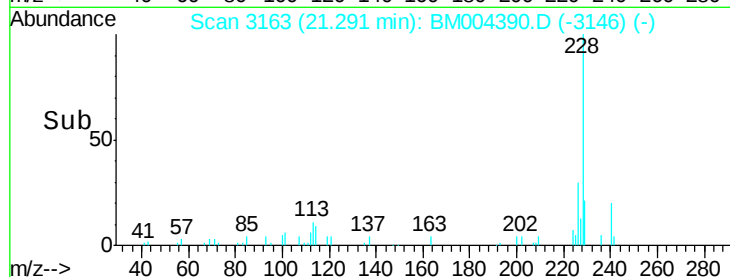
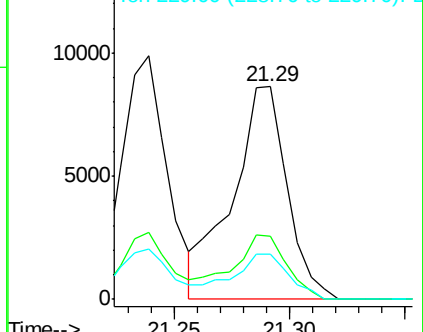
229 21.3 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 2.13 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

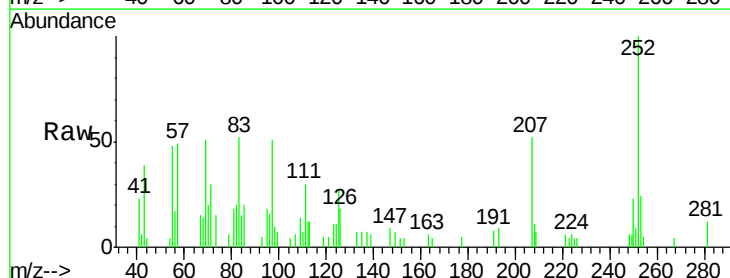
Tgt Ion:252 Resp: 19782

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

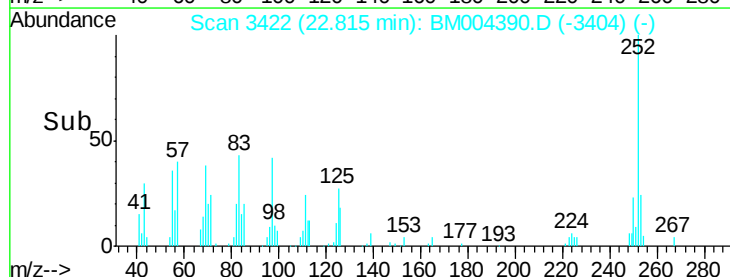
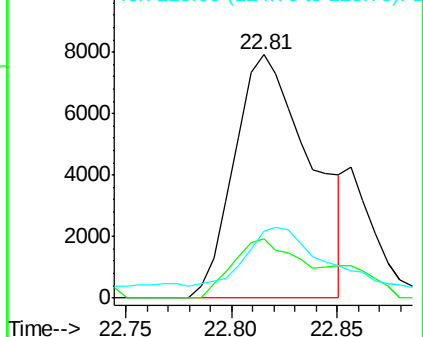
125 27.4 8.5 12.7#

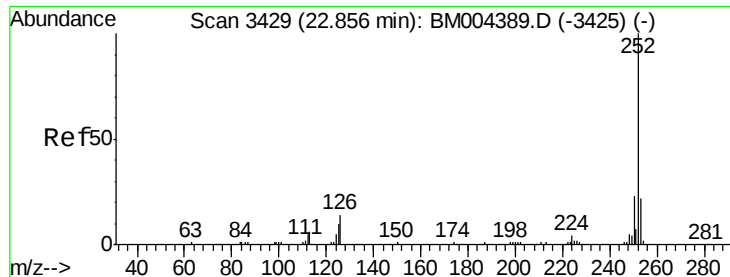


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.26 ng/uI

RT: 22.81 min Scan# 3422

Delta R.T. -0.04 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

Instrument :

BNA_M

ClientSampleId :

0311-S16-0003

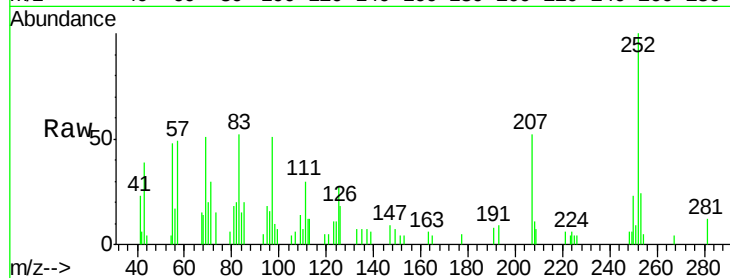
Tgt Ion:252 Resp: 19782

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

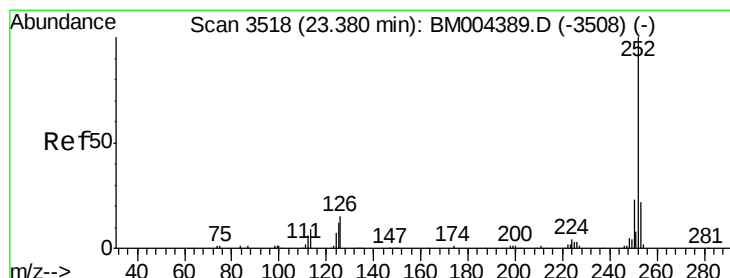
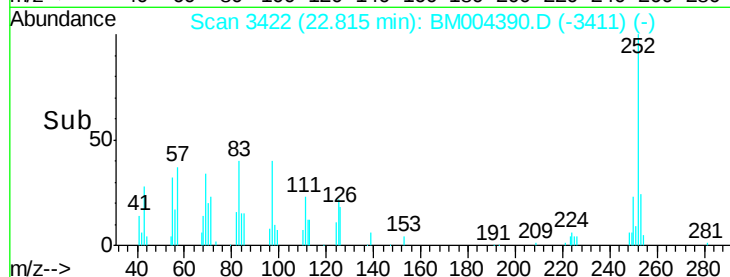
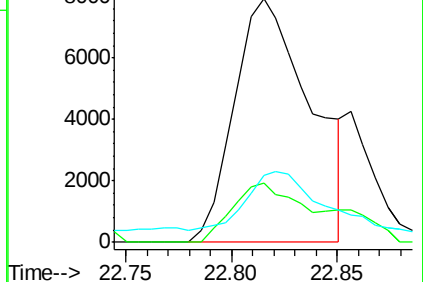
125 27.4 8.2 12.2#



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



#91

Benzo(a)pyrene

Concen: 1.35 ng/uI

RT: 23.38 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BM004390.D

Acq: 24 Feb 2016 18:08

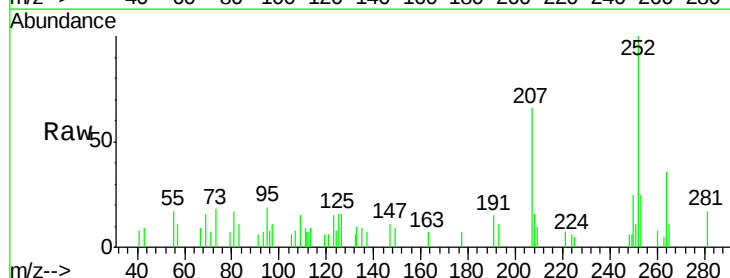
Tgt Ion:252 Resp: 11700

Ion Ratio Lower Upper

252 100

253 25.0 17.2 25.8

125 16.1 9.0 13.6#



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

