

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
 Data File : BM006657.D
 Acq On : 26 Jul 2016 19:45
 Operator : UM/SJ
 Sample : H4062-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJC1

Quant Time: Jul 27 03:55:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 26 15:24:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	597221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	351720	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	826253	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	985099	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1050501	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5914	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	195800	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	128074	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	155194	16.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	138853	14.84	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	75204	16.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	83432	16.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	138460	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	196894	21.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	482302	17.18	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	595930	16.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	58221	12.06	ng/ul	0.00
57) Fluorene-d10	15.26	176	428604	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	43660	9.70	ng/ul	0.00
70) Anthracene-d10	17.12	188	654934	16.99	ng/ul	0.00
76) Pyrene-d10	19.42	212	757740	16.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	805176	16.94	ng/ul	0.00

Target Compounds

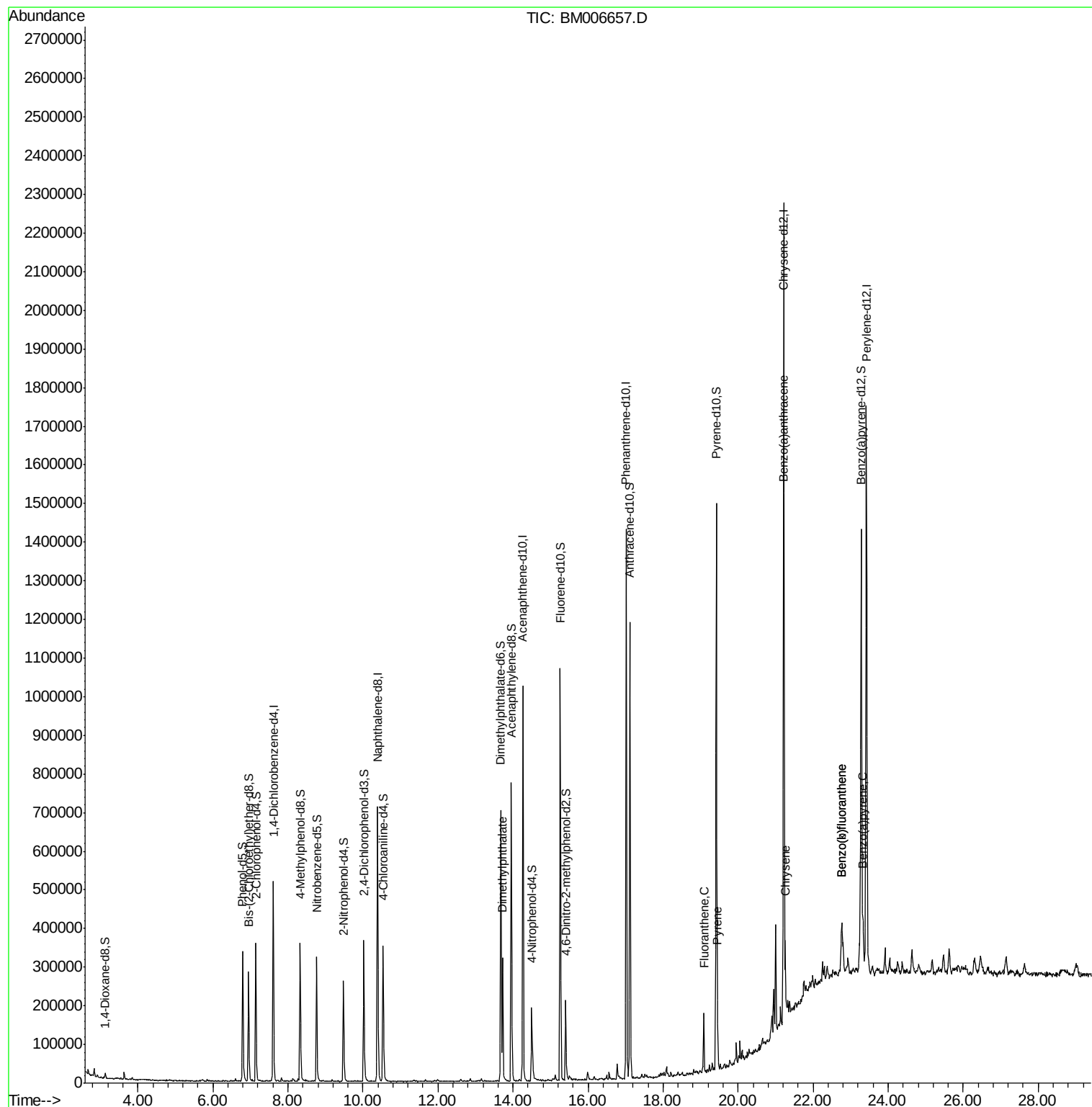
						Qvalue
44) Dimethylphthalate	13.72	163	196332	6.99	ng/ul	99
74) Fluoranthene	19.09	202	93464	1.84	ng/ul	99
77) Pyrene	19.45	202	100129	1.66	ng/ul	98
80) Benzo(a)anthracene	21.20	228	86773	1.48	ng/ul	95
82) Chrysene	21.26	228	92656	1.73	ng/ul	94
85) Benzo(b)fluoranthene	22.77	252	117273	1.89	ng/ul	97
86) Benzo(k)fluoranthene	22.77	252	117273	2.06	ng/ul	97
88) Benzo(a)pyrene	23.33	252	95565	1.61	ng/ul#	96

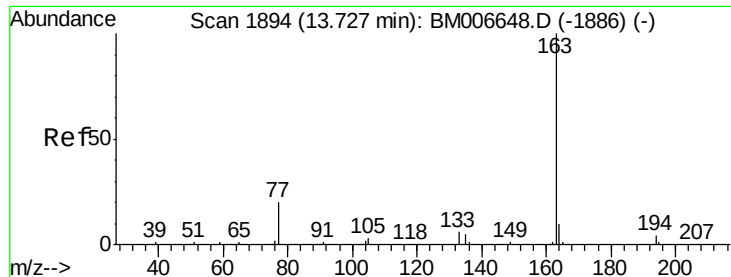
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.99 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

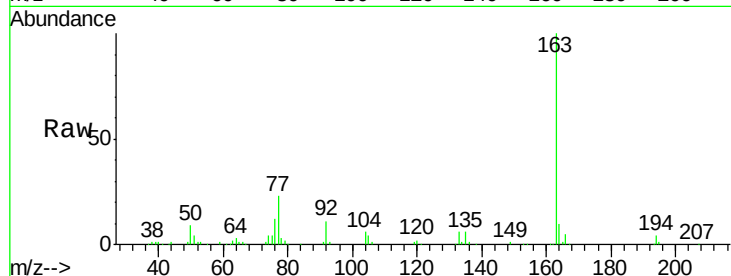
Instrument :

BNA_M

ClientSampleId :

BDJC1

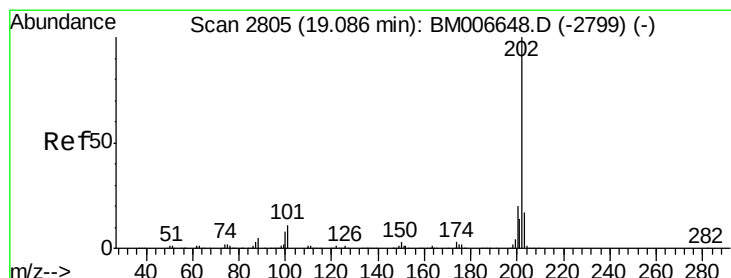
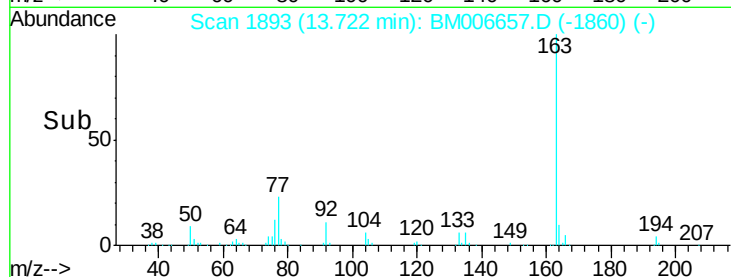
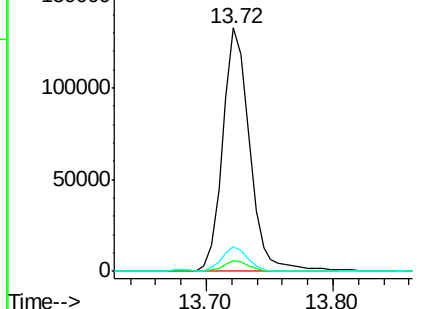
Tgt Ion:	163	Resp:	196332
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.2	7.8	11.8



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: 1.84 ng/ul

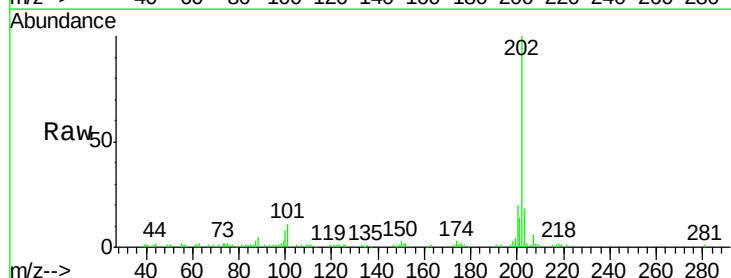
RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

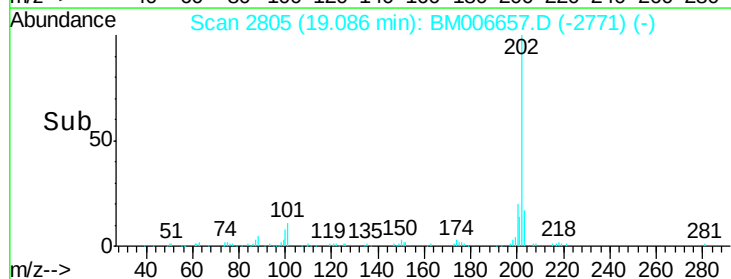
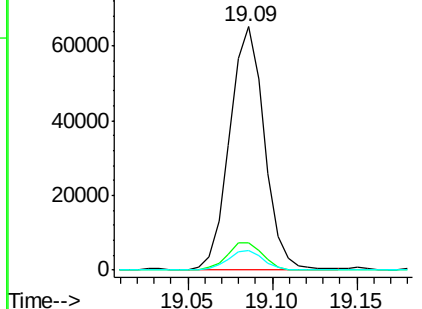
Tgt Ion:	202	Resp:	93464
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.6	12.8
100	8.2	6.4	9.6

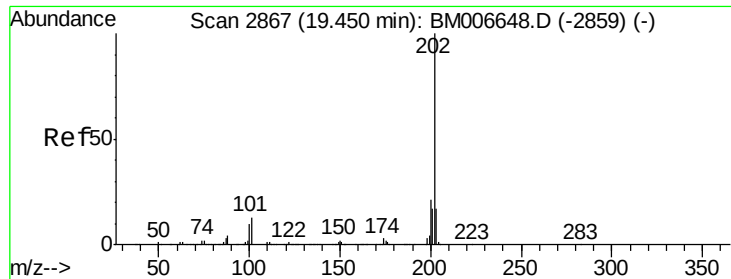


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.66 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

Instrument :

BNA_M

ClientSampleId :

BDJC1

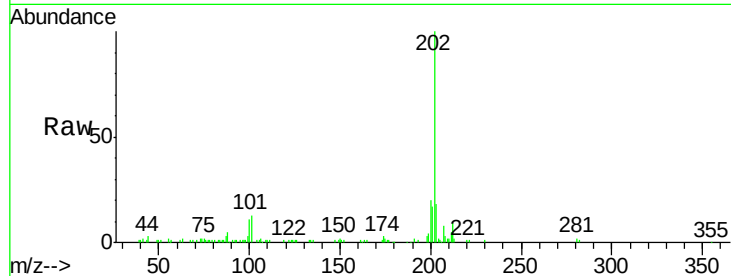
Tgt Ion:202 Resp: 100129

Ion Ratio Lower Upper

202 100

101 13.0 10.0 15.0

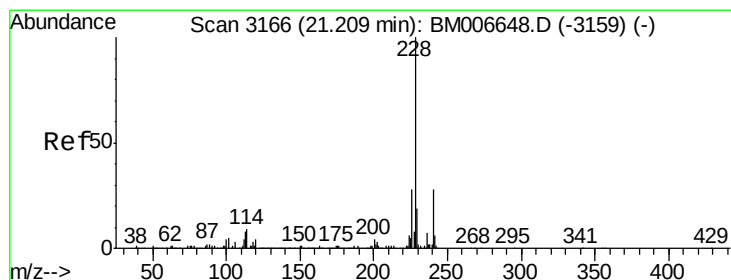
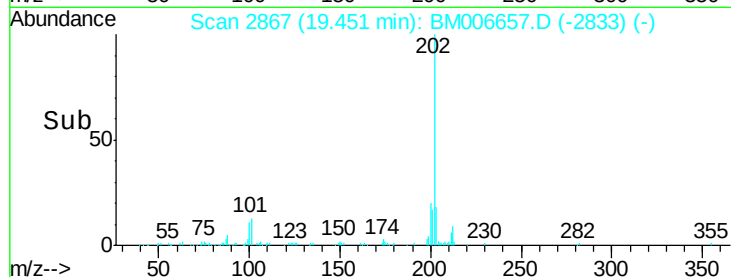
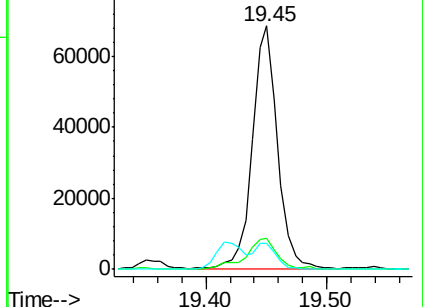
100 10.6 7.9 11.9



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: 1.48 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

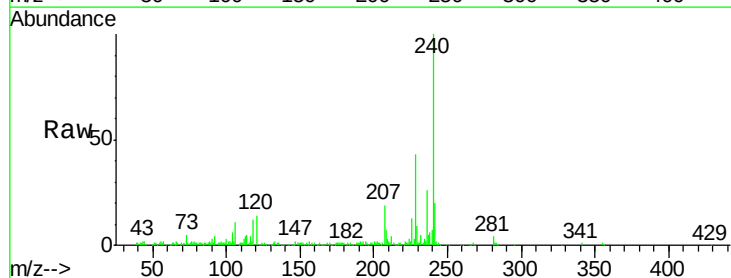
Tgt Ion:228 Resp: 86773

Ion Ratio Lower Upper

228 100

229 21.4 15.6 23.4

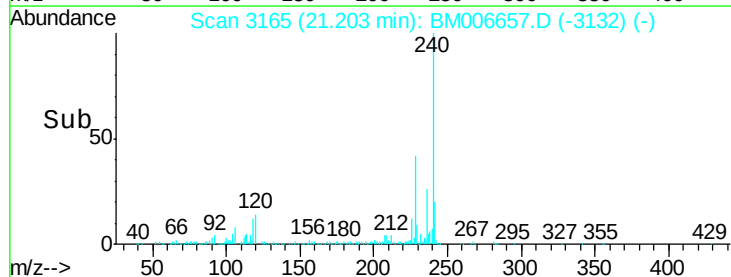
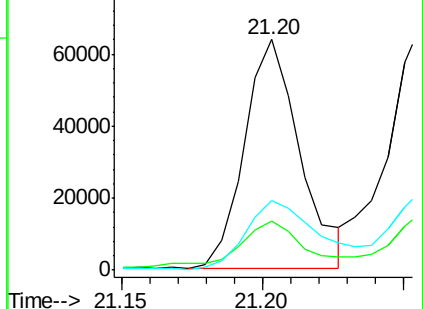
226 30.1 21.4 32.2

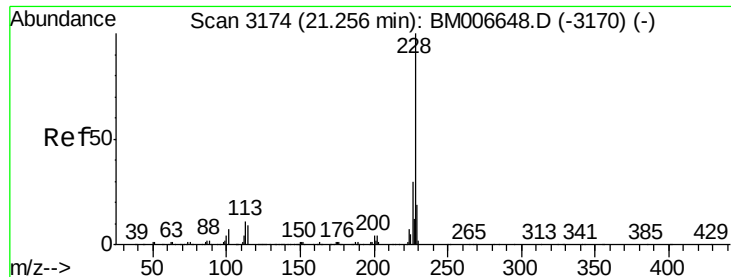


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.73 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

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BDJC1

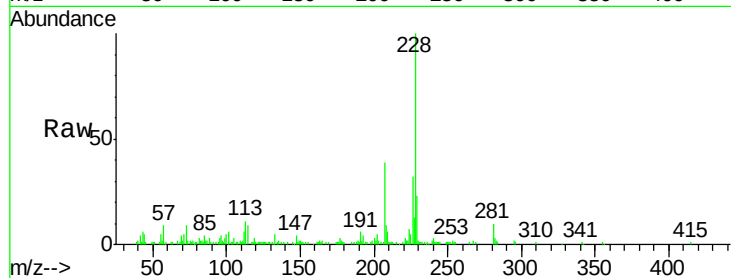
Tgt Ion:228 Resp: 92656

Ion Ratio Lower Upper

228 100

226 31.9 23.3 34.9

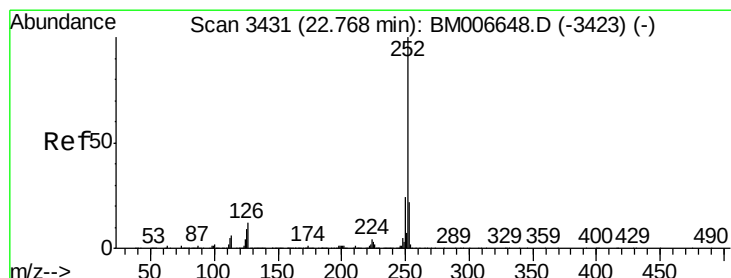
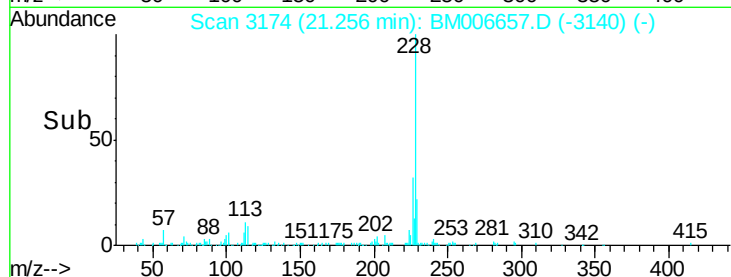
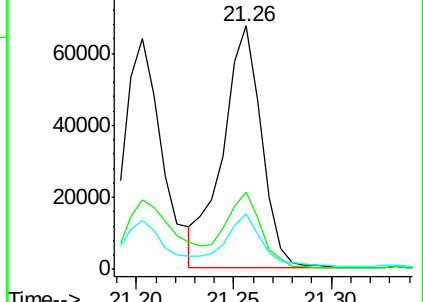
229 22.9 15.8 23.8



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: 1.89 ng/ul

RT: 22.77 min Scan# 3431

Delta R.T. 0.00 min

Lab File: BM006657.D

Acq: 26 Jul 2016 19:45

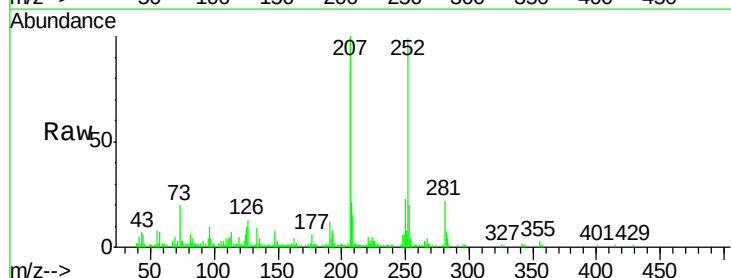
Tgt Ion:252 Resp: 117273

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

125 10.1 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

