

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071516\
 Data File : BM006465.D
 Acq On : 16 Jul 2016 05:03
 Operator : UM/SJ
 Sample : H3992-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ96

Quant Time: Jul 16 05:40:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	143378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	622965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	369704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	868491	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1002600	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	1084191	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3818	1.12	ng/uL	0.00
5) Phenol-d5	6.80	99	154806	13.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	100034	14.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	122137	12.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	127962	13.71	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	60936	12.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	68665	12.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	125159	12.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	167141	15.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	478294	15.81	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	560658	14.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	74268	14.13	ng/ul	0.00
57) Fluorene-d10	15.26	176	428730	15.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	53759	10.70	ng/ul	0.00
70) Anthracene-d10	17.12	188	698595	17.02	ng/ul	0.00
76) Pyrene-d10	19.42	212	823804	18.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	898867	18.13	ng/ul	-0.01

Target Compounds

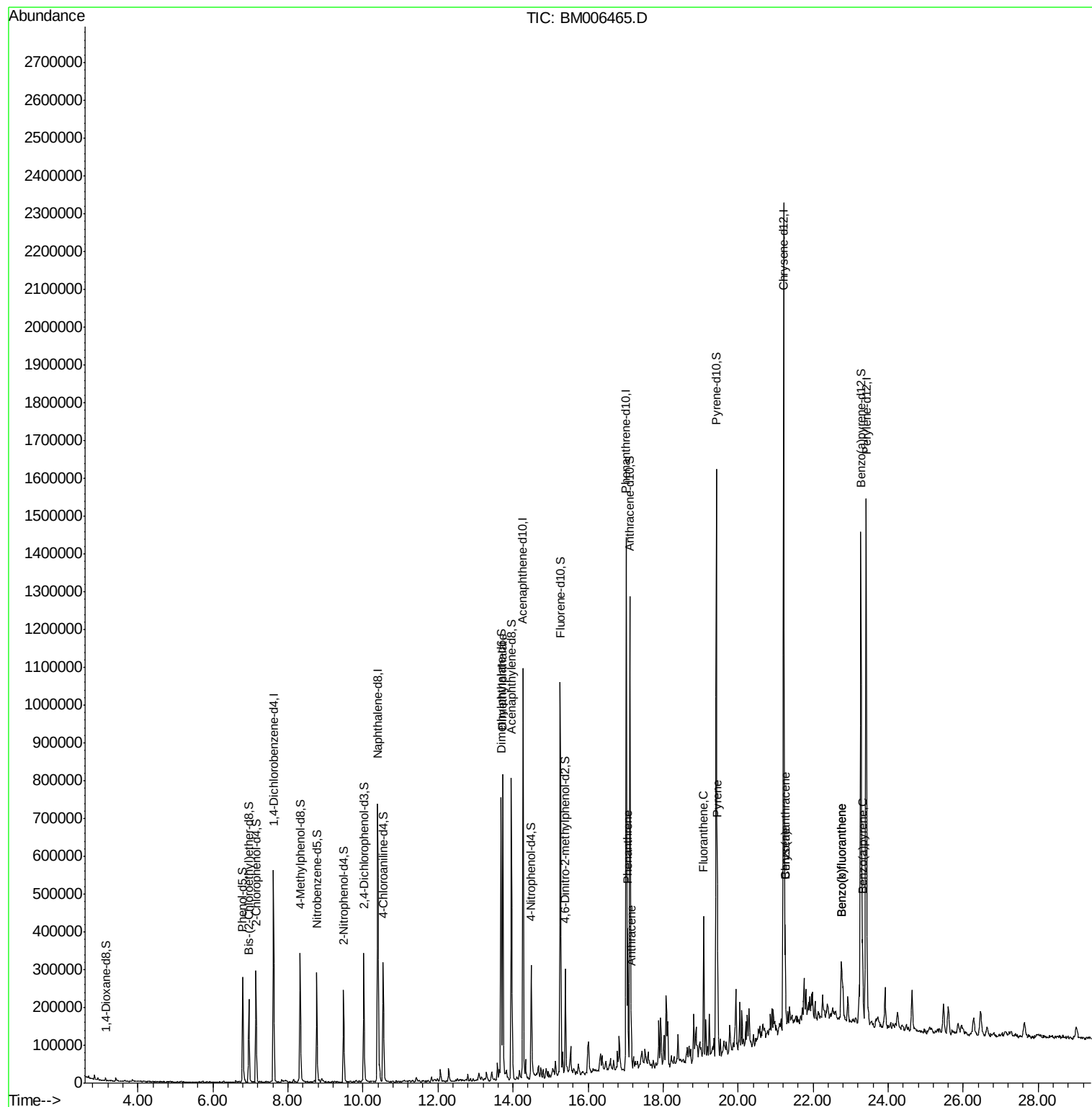
						Qvalue
44) Dimethylphthalate	13.73	163	499797	16.28	ng/ul	99
69) Phenanthrene	17.06	178	220093	4.61	ng/ul	99
71) Anthracene	17.15	178	87228	1.78	ng/ul	98
74) Fluoranthene	19.08	202	209778	3.78	ng/ul	99
77) Pyrene	19.44	202	279493	4.67	ng/ul	100
80) Benzo(a)anthracene	21.25	228	153748	2.51	ng/ul	93
82) Chrysene	21.25	228	153748	2.67	ng/ul	96
85) Benzo(b)fluoranthene	22.76	252	120161	1.85	ng/ul#	94
86) Benzo(k)fluoranthene	22.76	252	120161	1.97	ng/ul#	94
88) Benzo(a)pyrene	23.31	252	138325	2.23	ng/ul	98

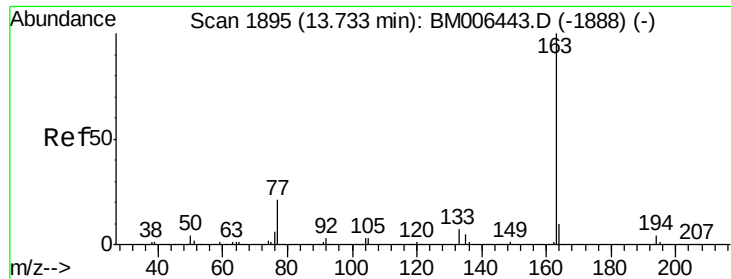
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 16.28 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

ClientSampleId :

BDJ96

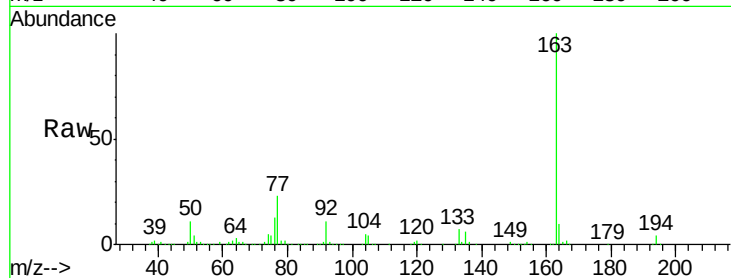
Tgt Ion:163 Resp: 499797

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

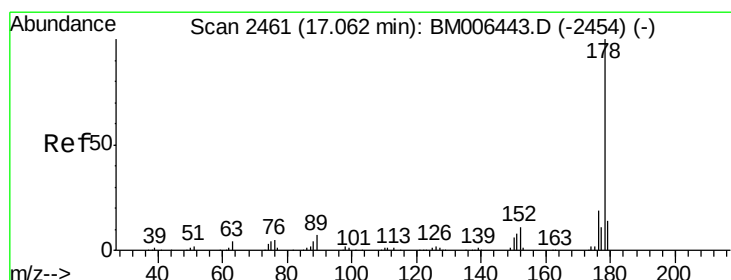
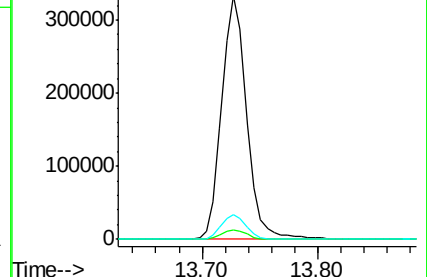
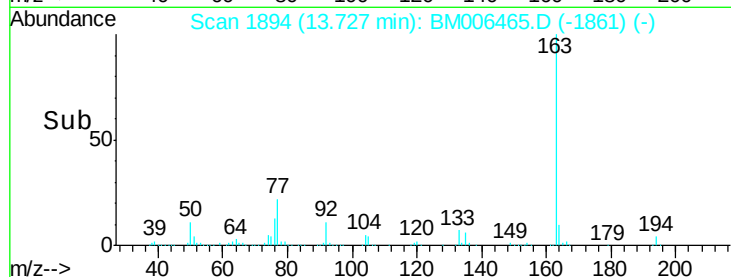
164 10.0 7.8 11.8



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



#69

Phenanthrene

Concen: 4.61 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

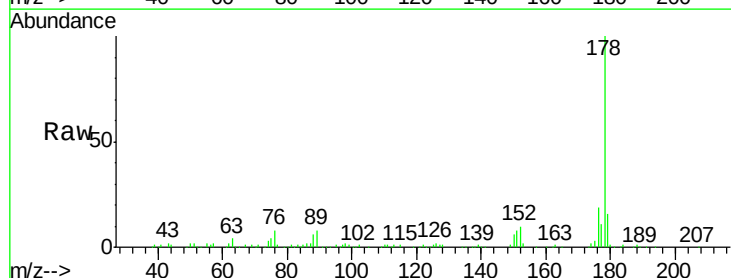
Tgt Ion:178 Resp: 220093

Ion Ratio Lower Upper

178 100

179 15.8 11.9 17.9

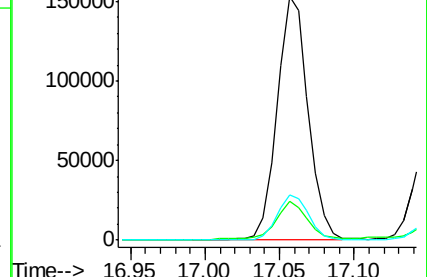
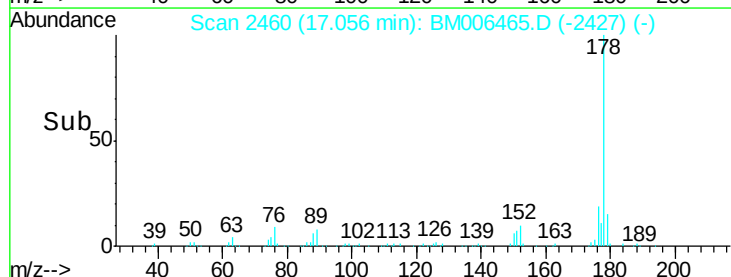
176 18.8 15.2 22.8

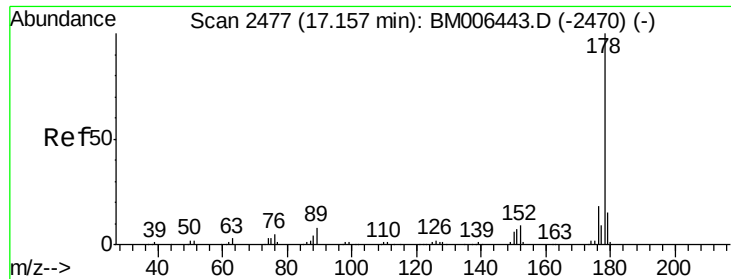


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.78 ng/ul

RT: 17.15 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

ClientSampleId :

BDJ96

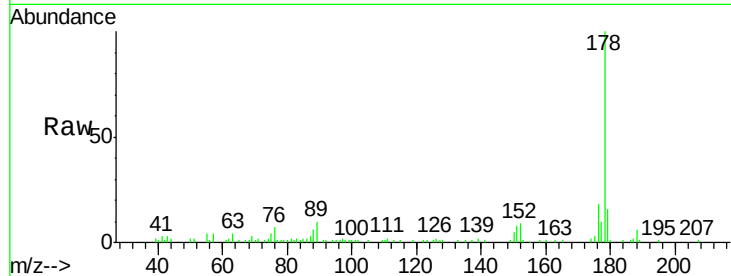
Tgt Ion:178 Resp: 87228

Ion Ratio Lower Upper

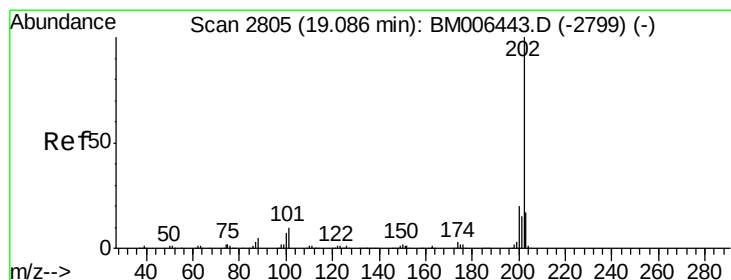
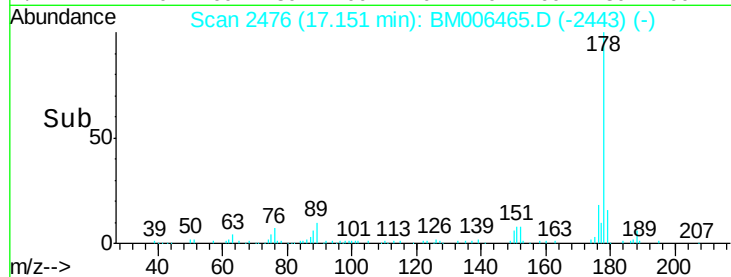
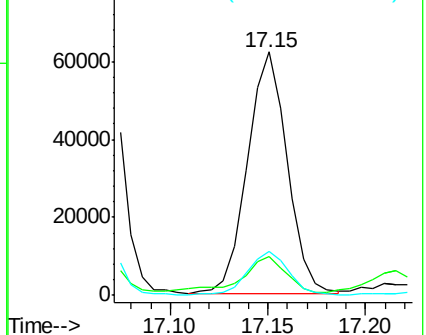
178 100

179 16.1 12.0 18.0

176 17.8 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 3.78 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

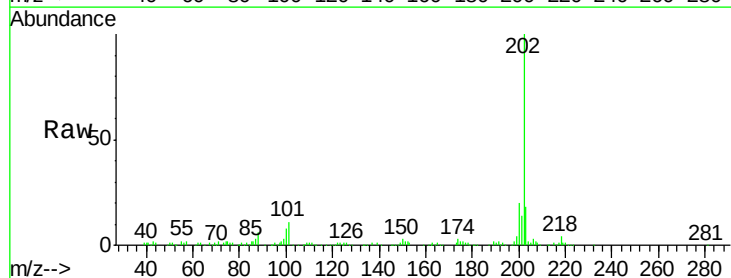
Tgt Ion:202 Resp: 209778

Ion Ratio Lower Upper

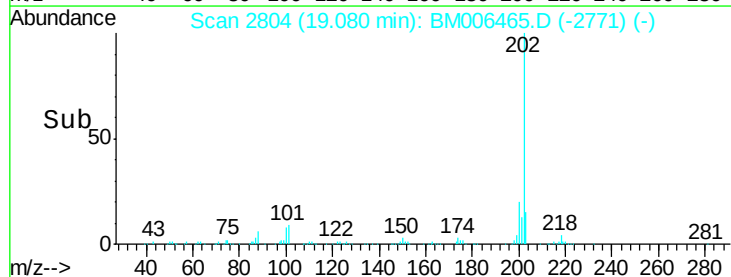
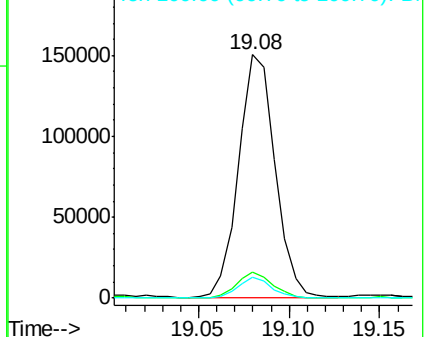
202 100

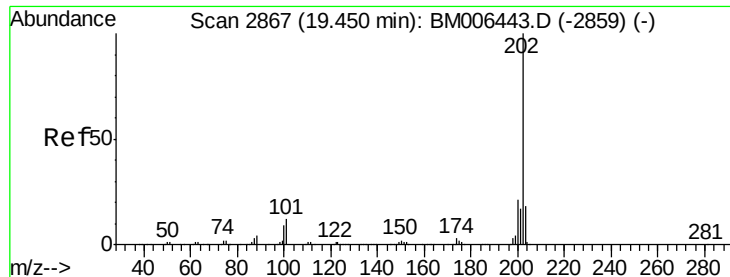
101 10.8 8.6 12.8

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: 4.67 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

BNA_M

ClientSampleId :

BDJ96

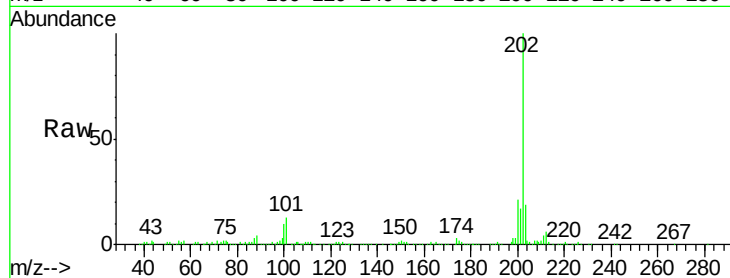
Tgt Ion:202 Resp: 279493

Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

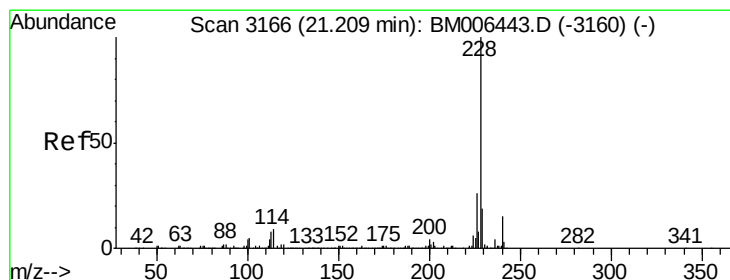
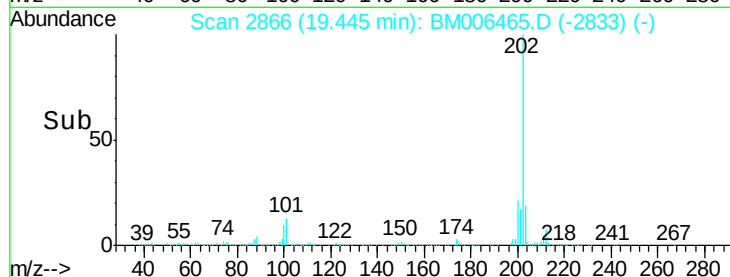
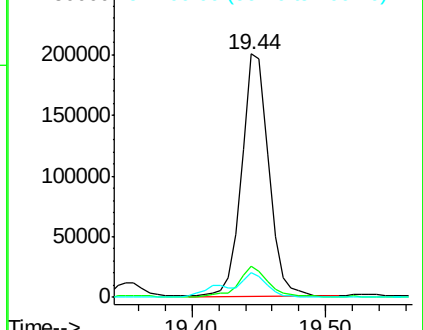
100 9.9 7.9 11.9



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: 2.51 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. 0.04 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

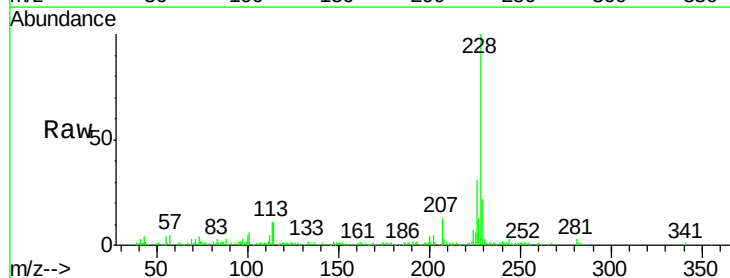
Tgt Ion:228 Resp: 153748

Ion Ratio Lower Upper

228 100

229 22.3 15.6 23.4

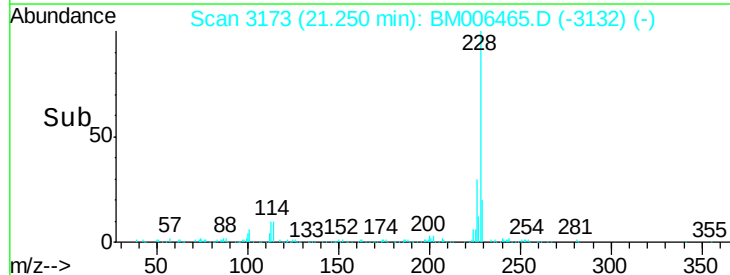
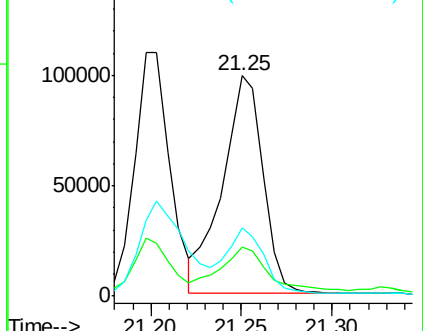
226 30.8 21.4 32.2

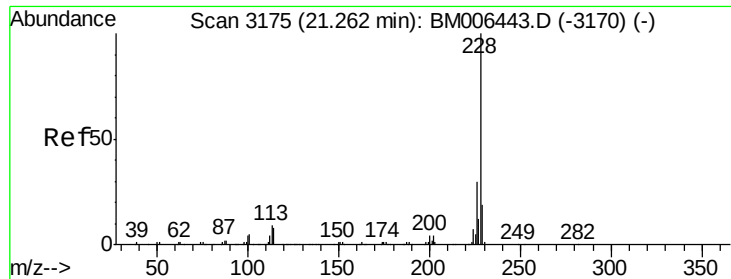


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.67 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

Instrument :

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ClientSampleId :

BDJ96

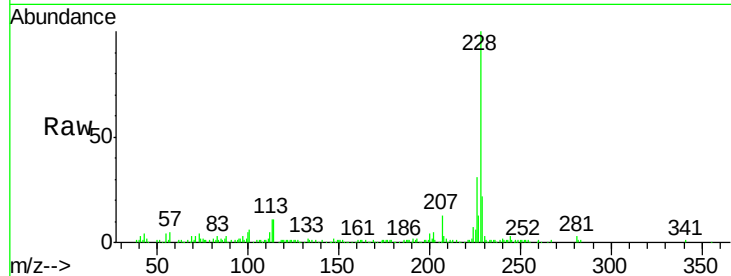
Tgt Ion:228 Resp: 153748

Ion Ratio Lower Upper

228 100

226 30.8 23.3 34.9

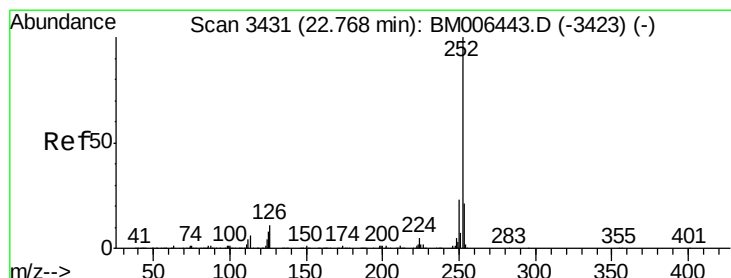
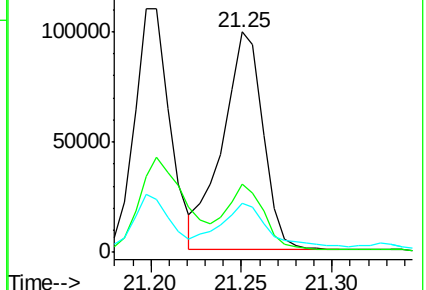
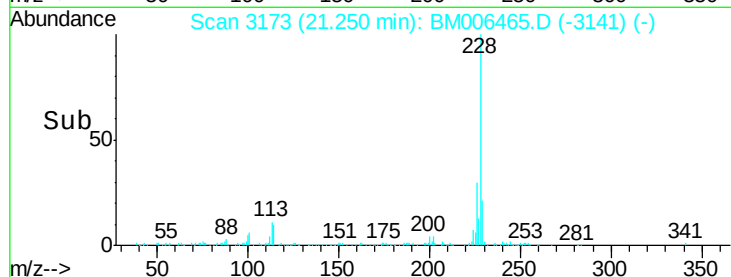
229 22.3 15.8 23.8



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. -0.01 min

Lab File: BM006465.D

Acq: 16 Jul 2016 05:03

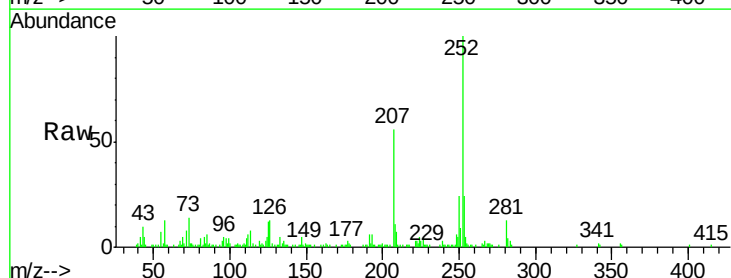
Tgt Ion:252 Resp: 120161

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

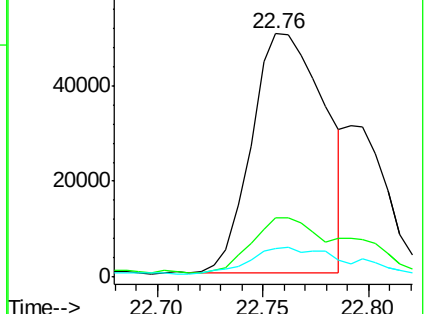
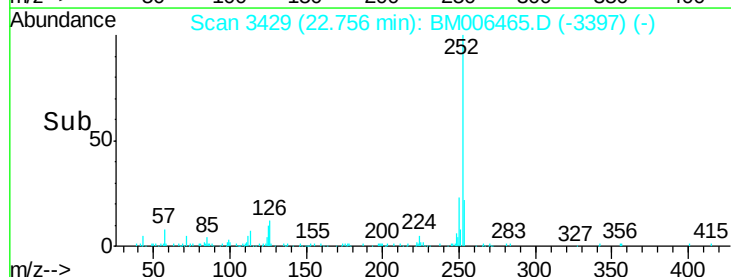
125 11.5 6.7 10.1#

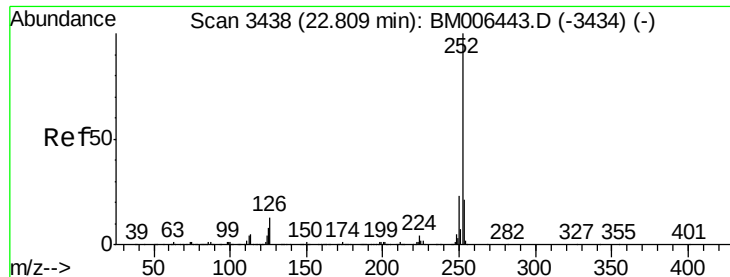


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

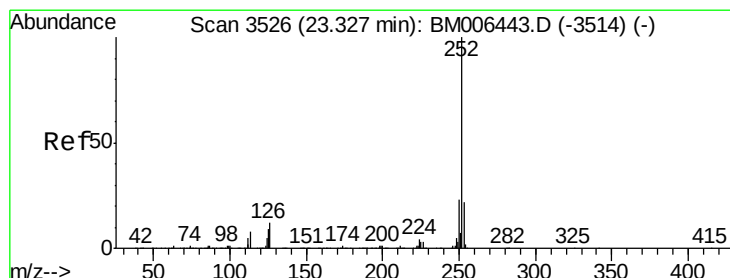
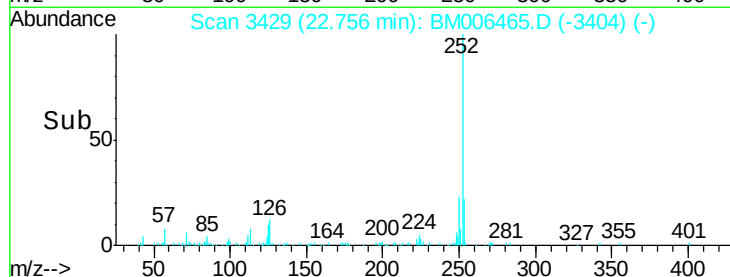
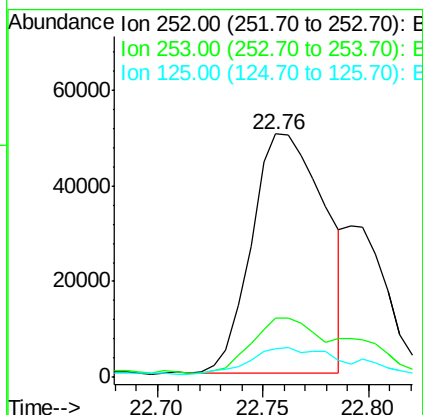
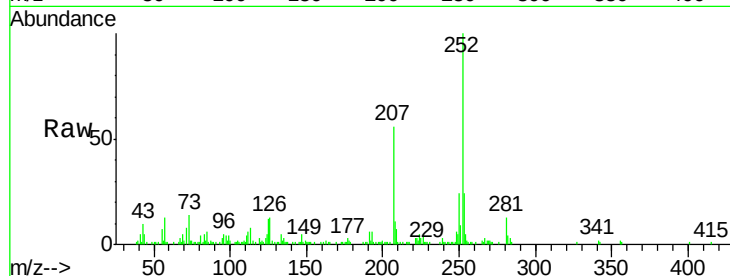




#86
Benzo(k)fluoranthene
Concen: 1.97 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.05 min
Lab File: BM006465.D
Acq: 16 Jul 2016 05:03

Instrument :
BNA_M
ClientSampleId :
BDJ96

Tgt Ion: 252 Resp: 120161
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 11.5 7.0 10.4#



#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006465.D
Acq: 16 Jul 2016 05:03

Tgt Ion: 252 Resp: 138325
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.2 7.6 11.4

