

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003025.D
 Acq On : 01 Nov 2015 13:00
 Operator : UM/IZ
 Sample : G4210-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7E3

Quant Time: Nov 02 01:23:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 01:03:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	133519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	616225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	352897	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	746815	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	693734	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	637749	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9344	3.30	ng/uL	0.00
5) Phenol-d5	6.92	99	159024	15.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	123043	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	148398	16.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	138776	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	66385	17.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	68160	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	146102	17.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	174572	15.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	590954	22.26	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	632567	18.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	42697	9.54	ng/ul	0.00
58) Fluorene-d10	15.40	176	501576	21.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	42382	12.25	ng/ul	0.00
71) Anthracene-d10	17.25	188	693020	20.93	ng/ul	0.00
79) Pyrene-d10	19.55	212	673285	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	558784	18.44	ng/ul	0.00

Target Compounds

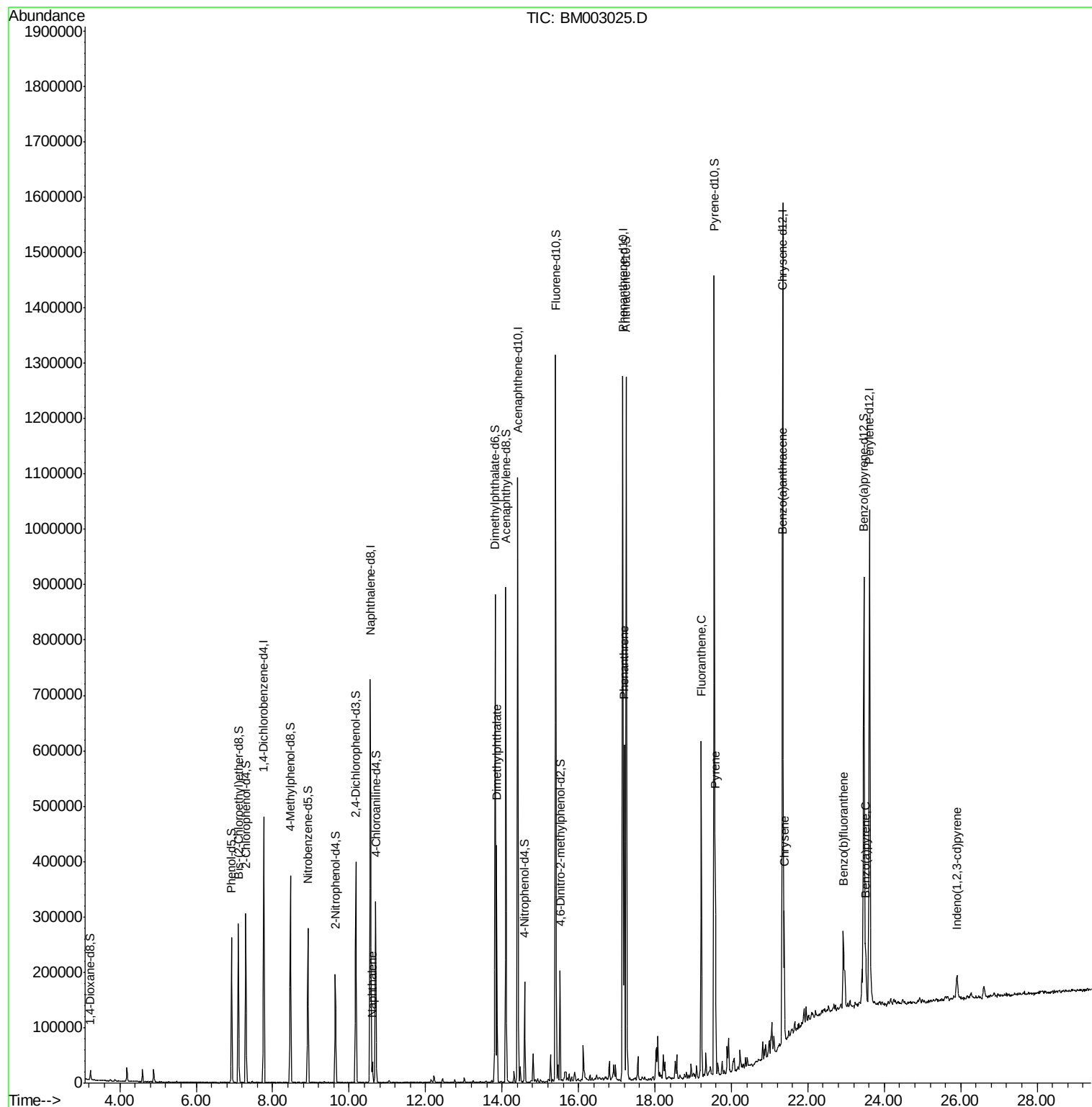
						Qvalue
28) Naphthalene	10.61	128	33471	1.08	ng/ul	99
45) Dimethylphthalate	13.86	163	280521	10.37	ng/ul	100
70) Phenanthrene	17.20	178	365397	8.64	ng/ul	99
77) Fluoranthene	19.22	202	342679	8.01	ng/ul	97
80) Pyrene	19.58	202	259249	5.71	ng/ul	95
83) Benzo(a)anthracene	21.33	228	93246	2.45	ng/ul	97
85) Chrysene	21.38	228	120694	3.20	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	126991	3.46	ng/ul	97
91) Benzo(a)pyrene	23.51	252	67342	1.94	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	42669	1.12	ng/ul#	90

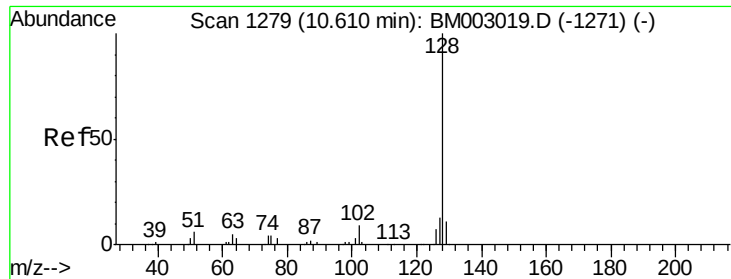
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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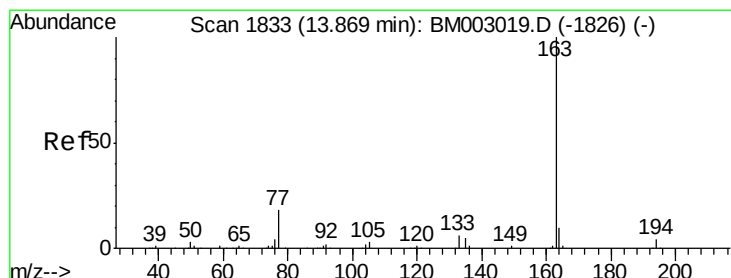
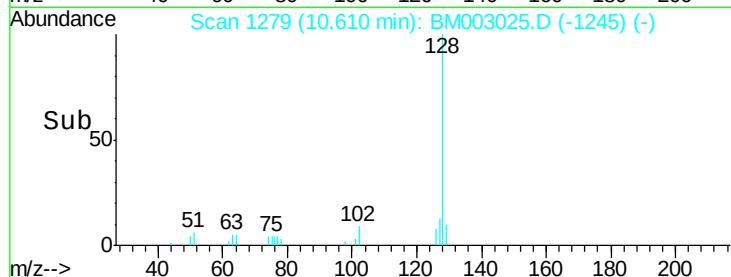
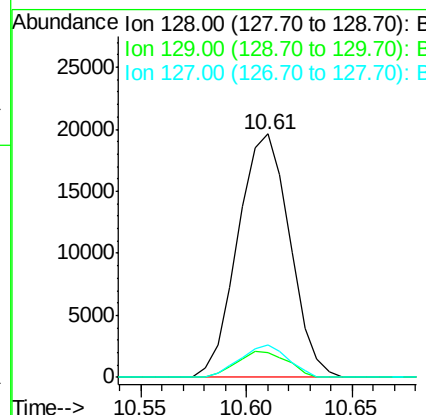
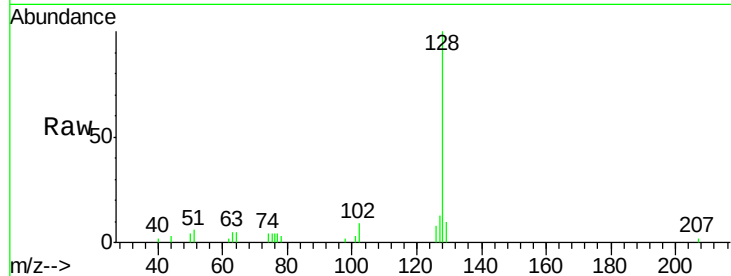




#28
Naphthalene
Concen: 1.08 ng/ul
RT: 10.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

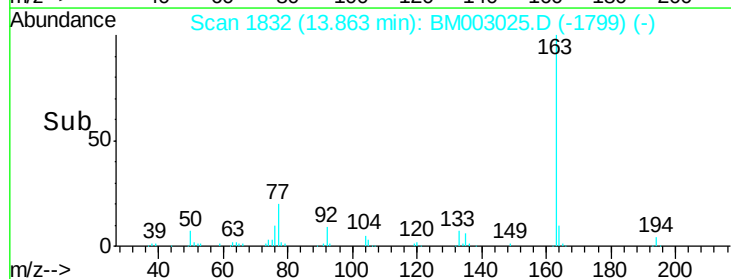
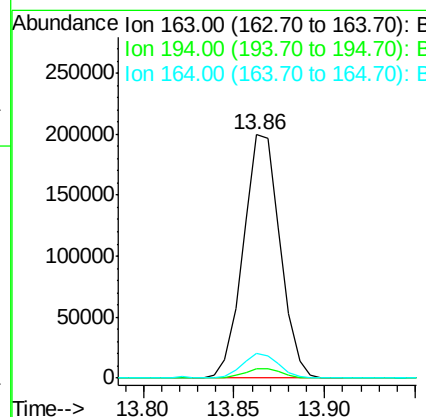
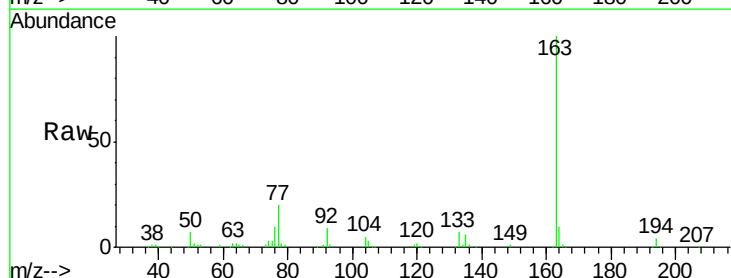
Instrument :
BNA_M
ClientSampleId :
BC7E3

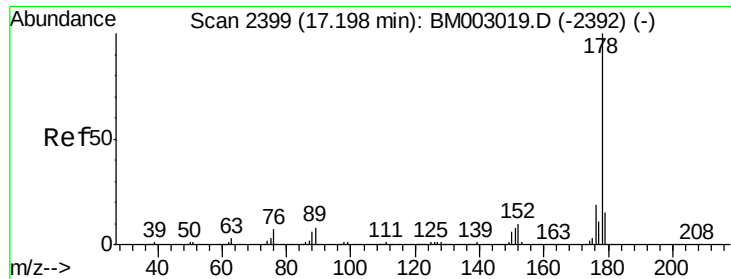
Tgt Ion:128 Resp: 33471
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.3 10.5 15.7



#45
Dimethylphthalate
Concen: 10.37 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt Ion:163 Resp: 280521
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 7.8 11.8





#70

Phenanthrene

Concen: 8.64 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

Instrument :

BNA_M

ClientSampleId :

BC7E3

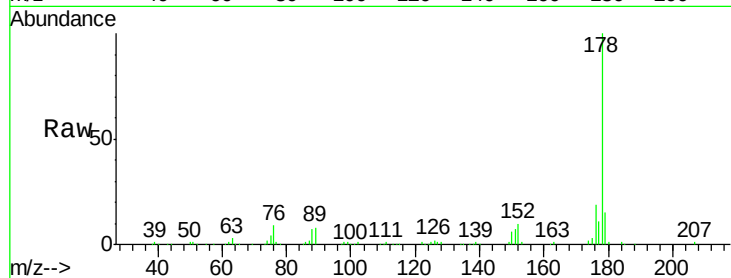
Tgt Ion:178 Resp: 365397

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

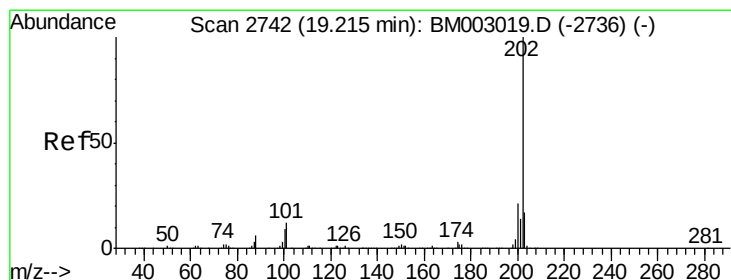
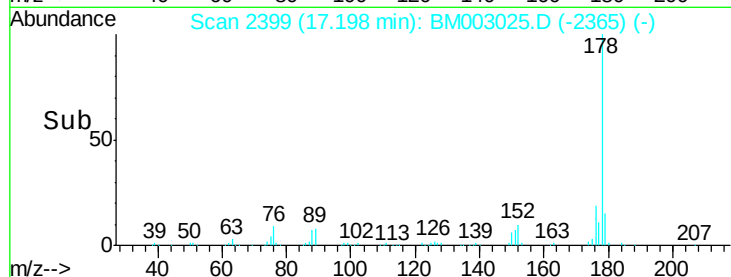
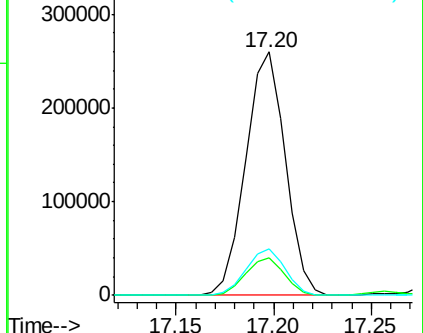
176 19.2 14.7 22.1



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



#77

Fluoranthene

Concen: 8.01 ng/ul

RT: 19.22 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

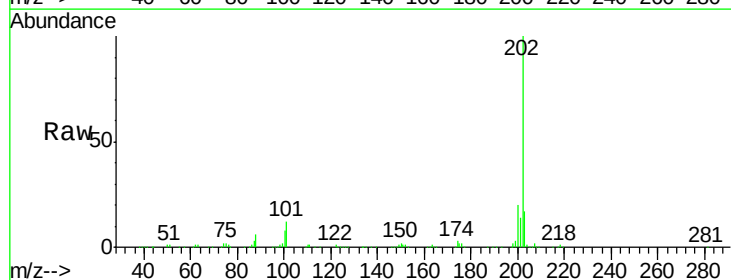
Tgt Ion:202 Resp: 342679

Ion Ratio Lower Upper

202 100

101 11.6 10.4 15.6

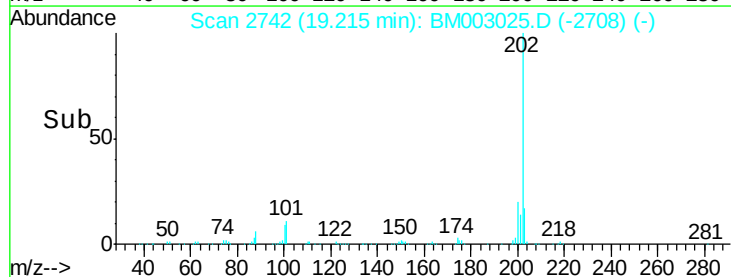
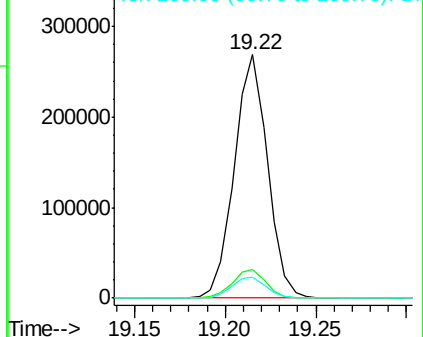
100 8.5 7.8 11.6

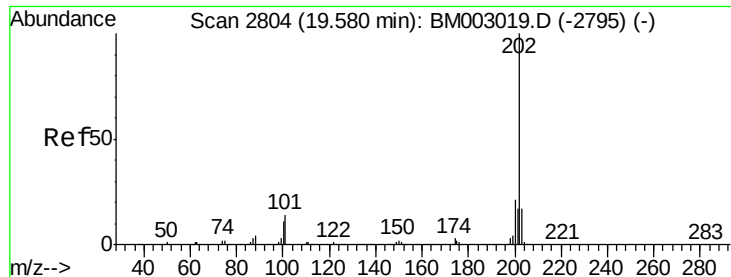


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

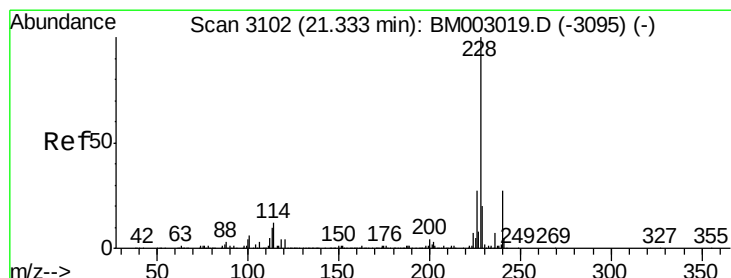
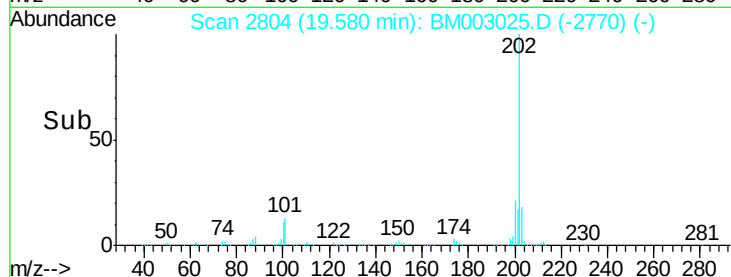
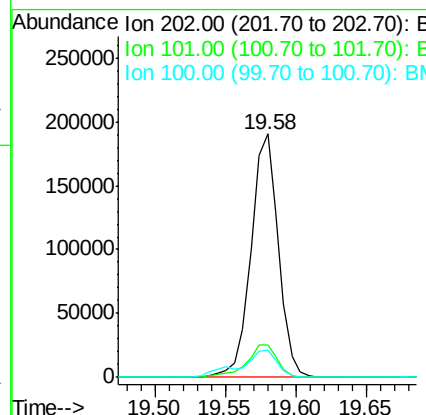
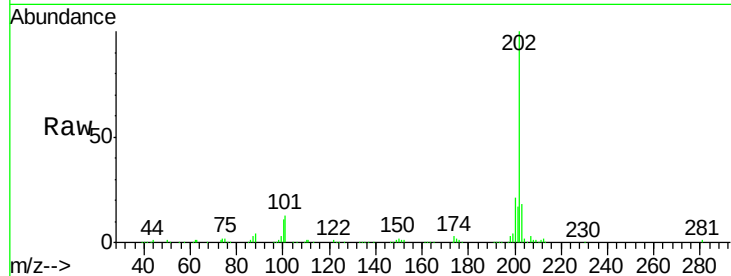




#80
Pyrene
Concen: 5.71 ng/ul
RT: 19.58 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

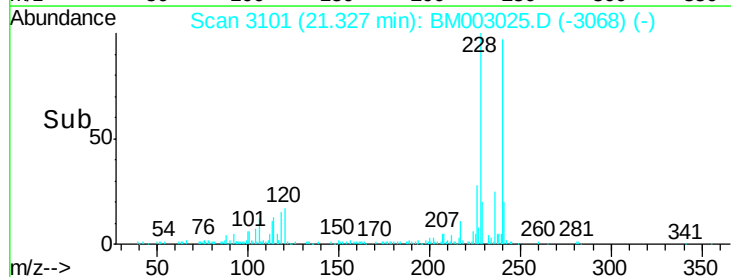
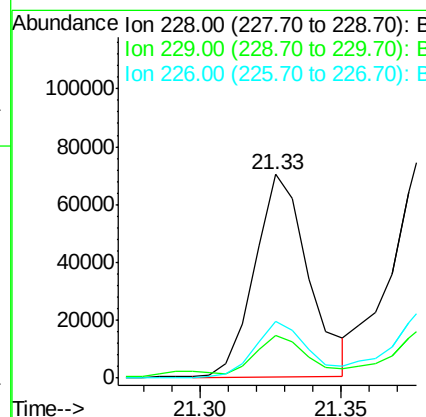
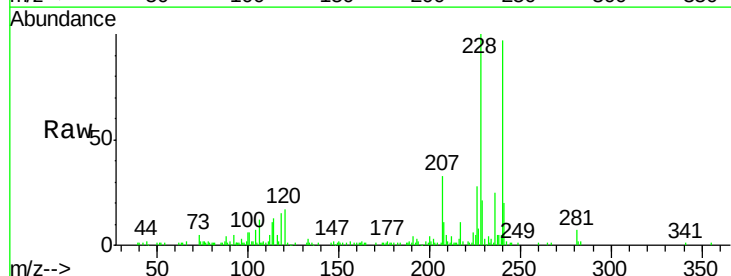
Instrument :
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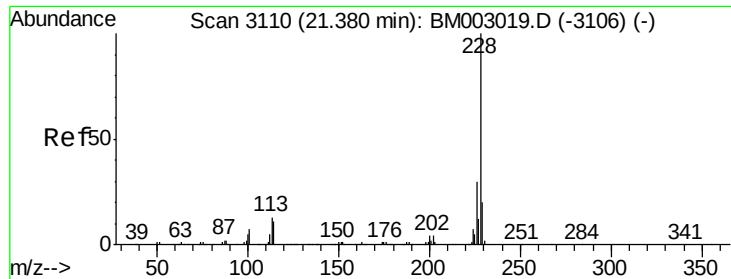
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	12.6	18.8
100	11.0	10.6	15.8



#83
Benzo(a)anthracene
Concen: 2.45 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM003025.D
Acq: 01 Nov 2015 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.9	21.0	31.6





#85

Chrysene

Concen: 3.20 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

Instrument :

BNA_M

ClientSampled :

BC7E3

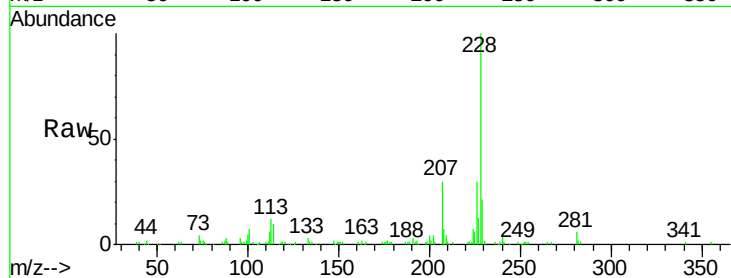
Tgt Ion:228 Resp: 120694

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

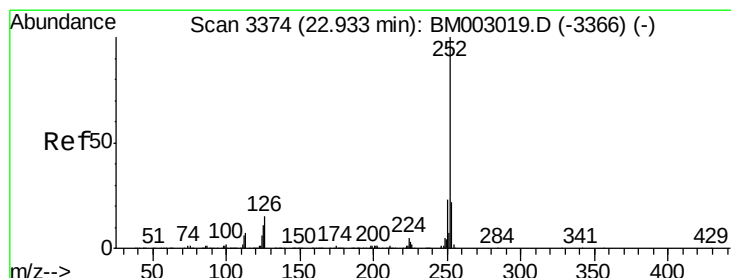
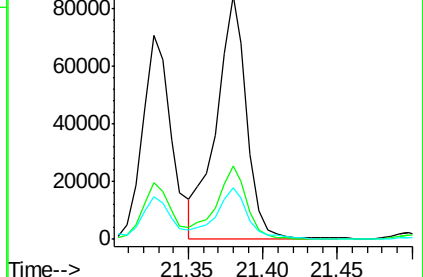
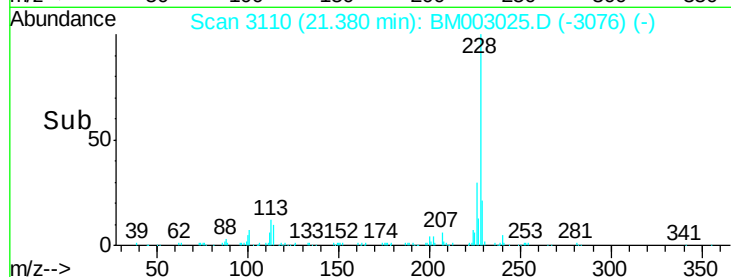
229 21.4 15.8 23.6



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: 3.46 ng/ul

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

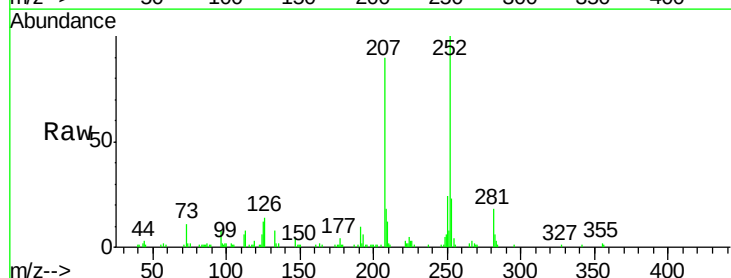
Tgt Ion:252 Resp: 126991

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

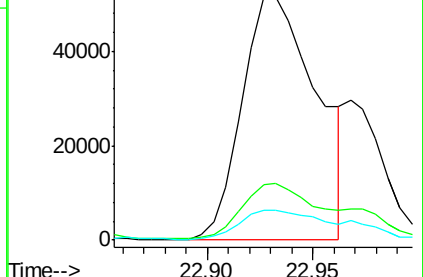
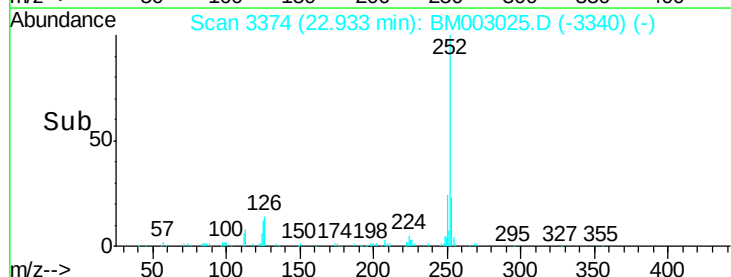
125 12.3 10.7 16.1

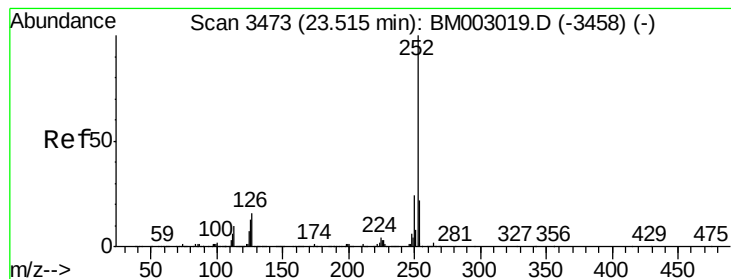


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.94 ng/ul

RT: 23.51 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

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ClientSampleId :

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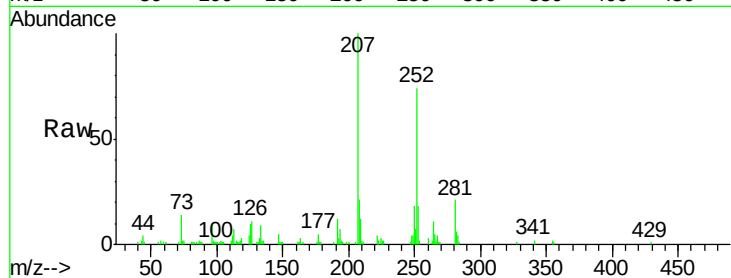
Tgt Ion:252 Resp: 67342

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

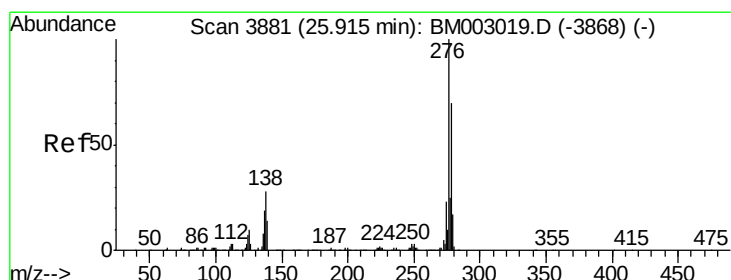
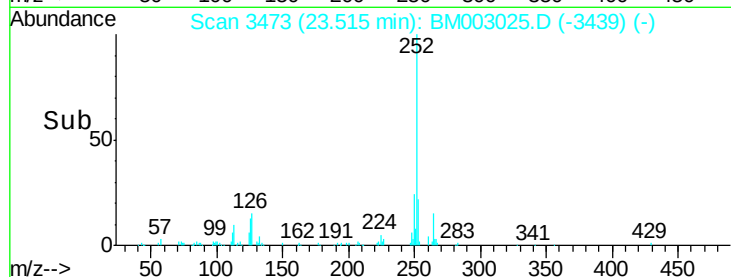
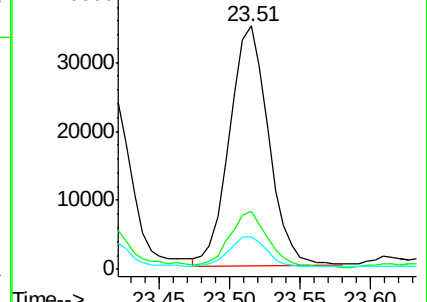
125 13.4 11.9 17.9



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.12 ng/ul

RT: 25.90 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BM003025.D

Acq: 01 Nov 2015 13:00

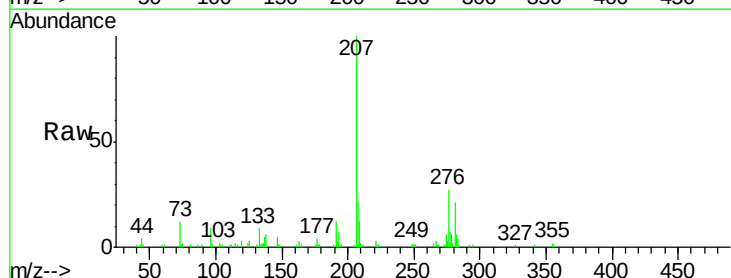
Tgt Ion:276 Resp: 42669

Ion Ratio Lower Upper

276 100

138 23.4 26.6 40.0#

277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

