

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003156.D
 Acq On : 16 Nov 2015 23:14
 Operator : UM/IZ
 Sample : G4323-26
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 00:22:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 00:18:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	145889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	654785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	366764	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	763187	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	767946	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	774950	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	8286	2.68	ng/uL	0.00
5) Phenol-d5	6.90	99	146180	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	90072	13.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	132240	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	92551	9.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	61948	15.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	65198	16.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	117689	12.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	86484	7.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	378065	13.70	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	394678	11.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	41006	8.82	ng/ul	0.00
58) Fluorene-d10	15.39	176	262437	11.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	31362	8.87	ng/ul	0.00
71) Anthracene-d10	17.23	188	329109	9.73	ng/ul	0.00
79) Pyrene-d10	19.53	212	310399	8.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	246971	6.71	ng/ul	-0.01

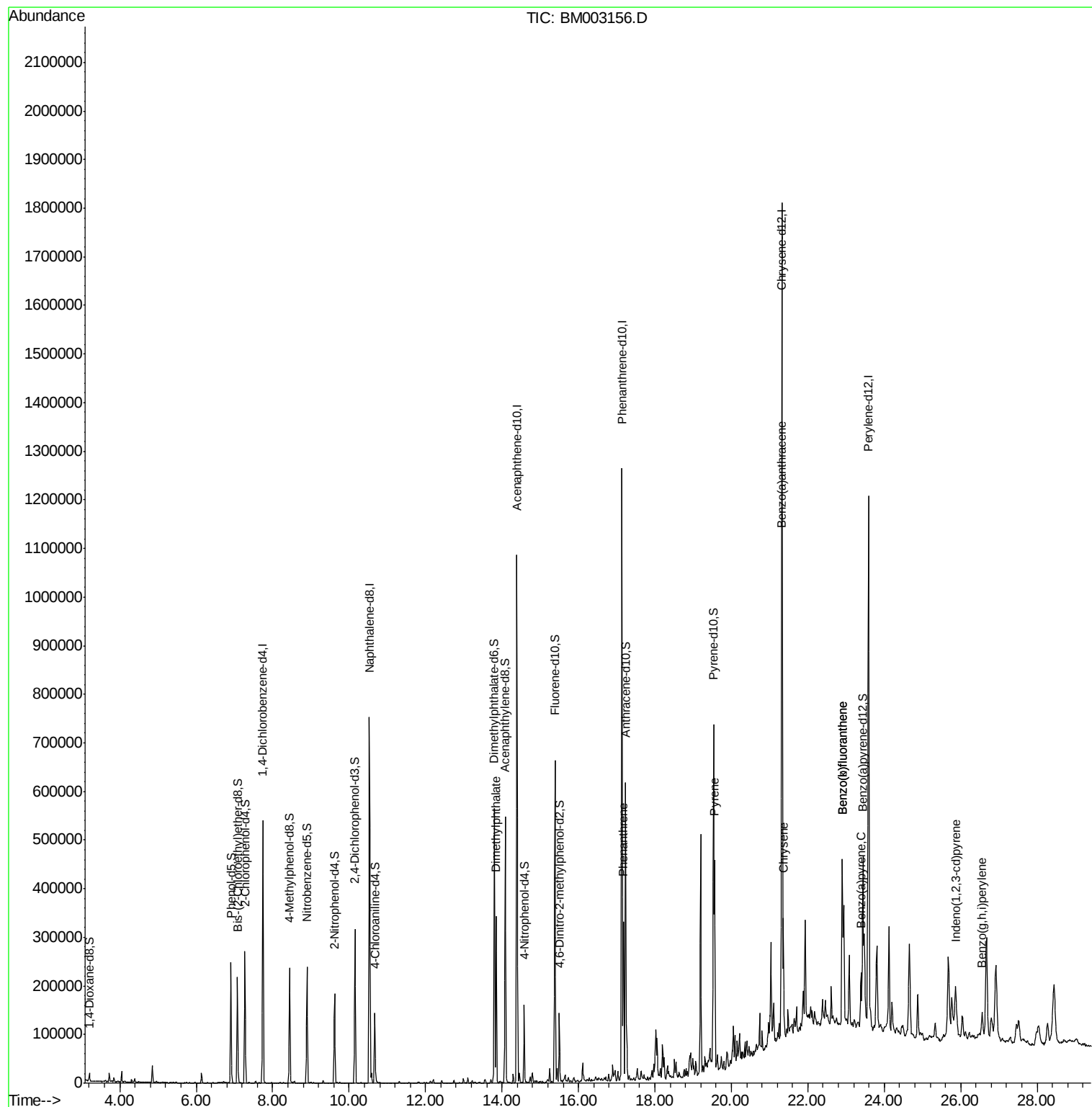
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.85	163	219569	7.81	ng/ul	99
70) Phenanthrene	17.18	178	199173	4.61	ng/ul	99
80) Pyrene	19.56	202	257333	5.12	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	120845	2.87	ng/ul	96
85) Chrysene	21.36	228	127996	3.07	ng/ul	97
88) Benzo(b)fluoranthene	22.90	252	165841	3.71	ng/ul	98
89) Benzo(k)fluoranthene	22.90	252	46619	1.12	ng/ul	97
91) Benzo(a)pyrene	23.39	252	74985	1.77	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.86	276	73470	1.58	ng/ul#	89
94) Benzo(g,h,i)perylene	26.56	276	66844	1.60	ng/ul	94

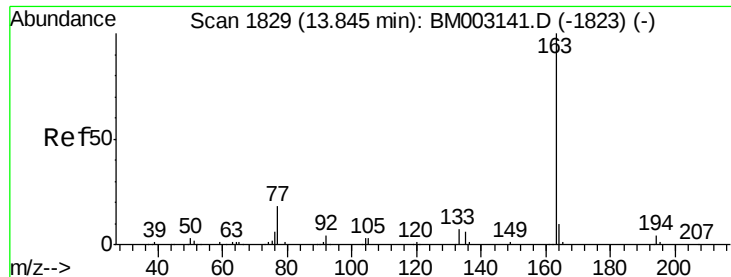
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.81 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003156.D

Acq: 16 Nov 2015 23:14

Instrument :

BNA_M

ClientSampleId :

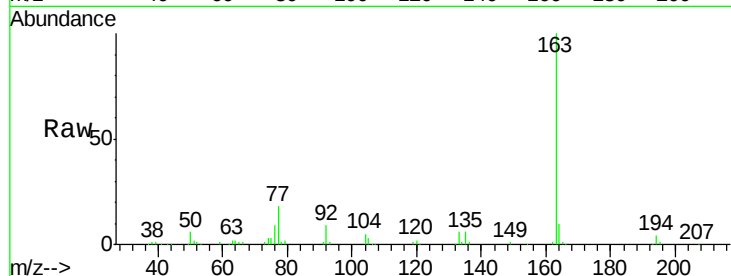
Tot Ion:163 Resp: 219569

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

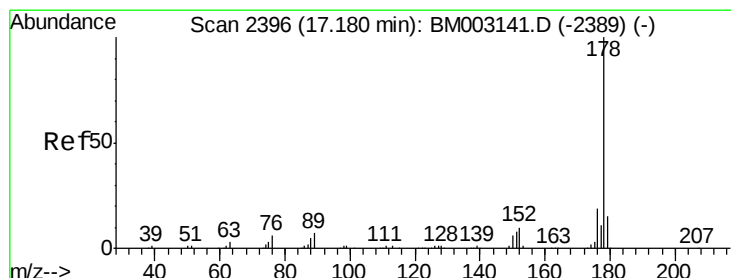
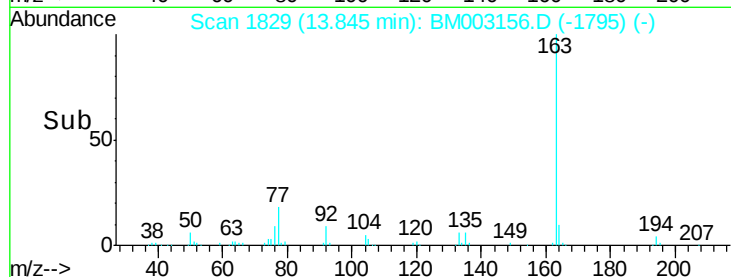
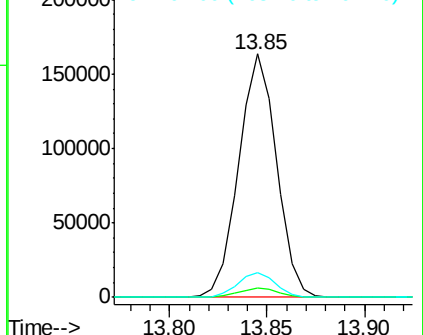
164 10.1 7.8 11.8



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



#70

Phenanthrene

Concen: 4.61 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM003156.D

Acq: 16 Nov 2015 23:14

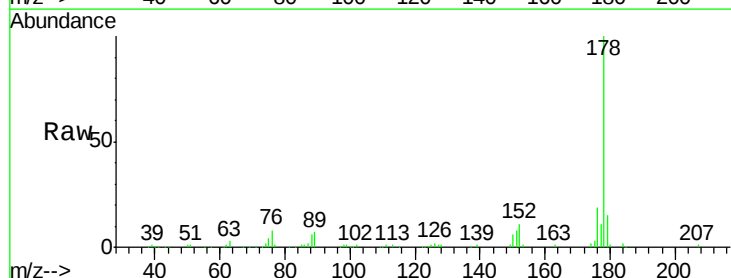
Tgt Ion:178 Resp: 199173

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

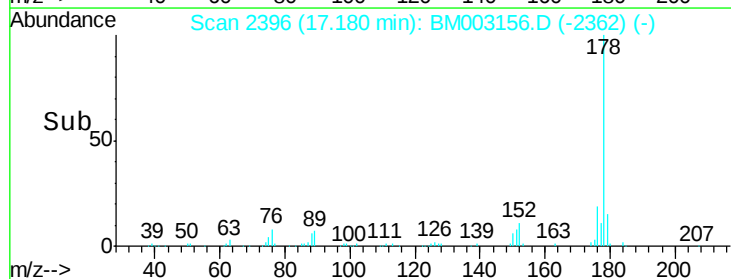
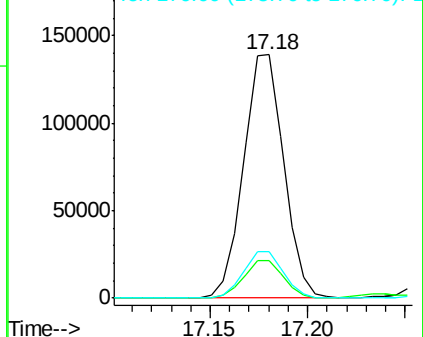
176 19.2 14.7 22.1

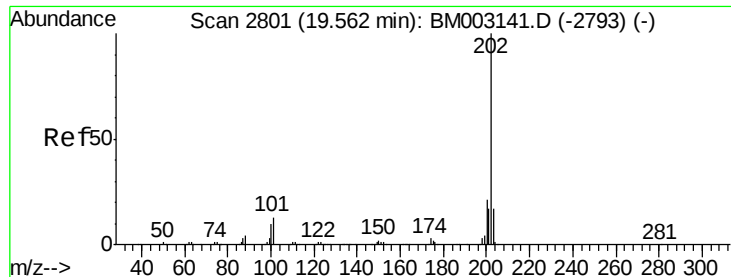


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

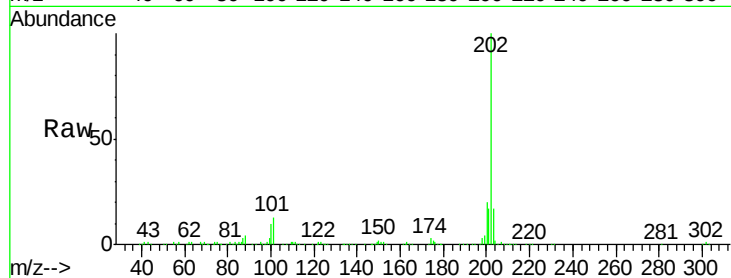




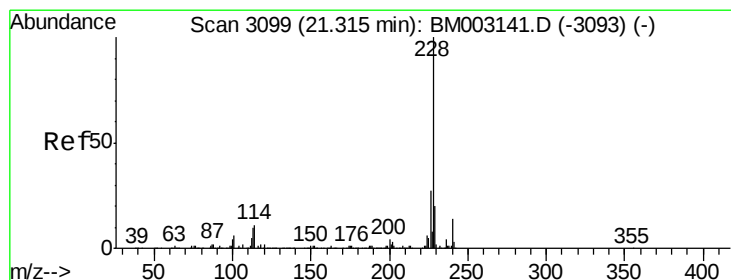
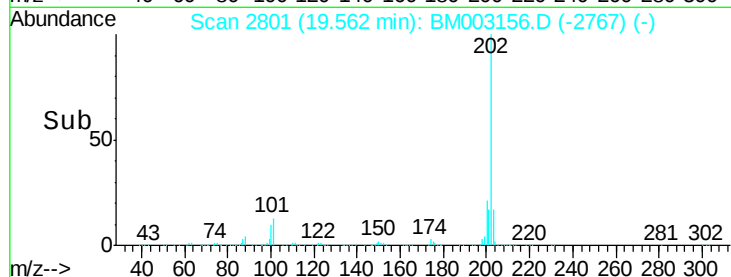
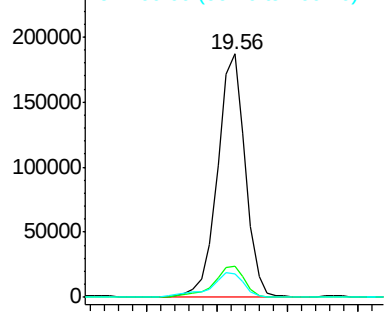
#80
Pvrene
Concen: 5.12 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	12.6	18.8
100	9.9	10.6	15.8

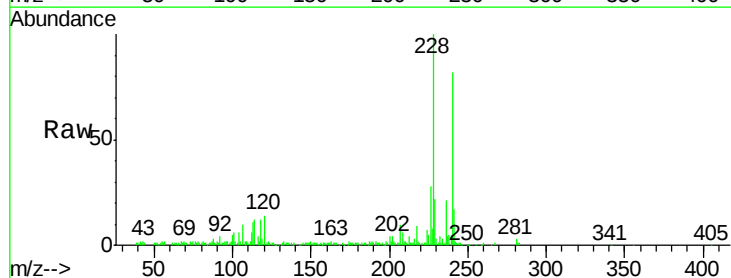


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

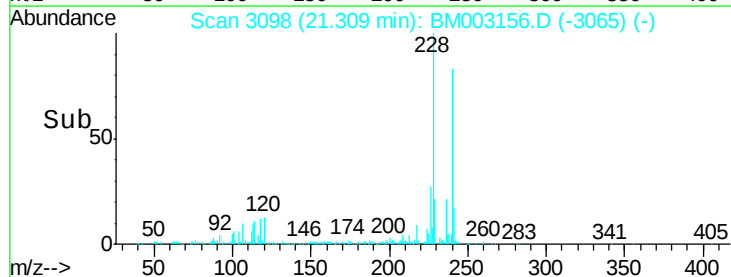
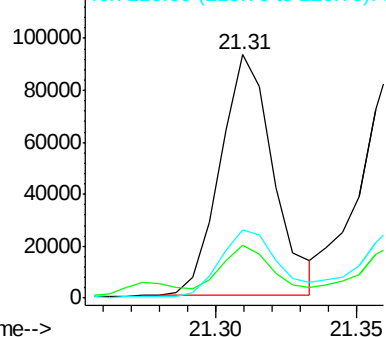


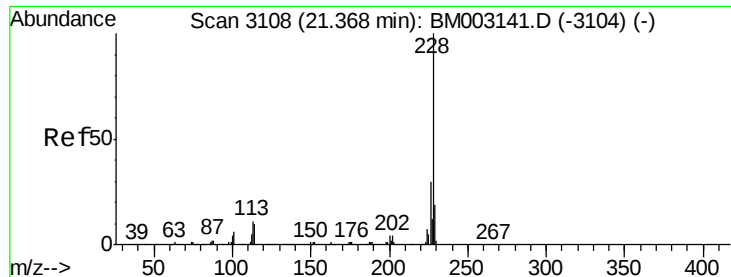
#83
Benzo(a)anthracene
Concen: 2.87 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	27.9	21.0	31.6



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

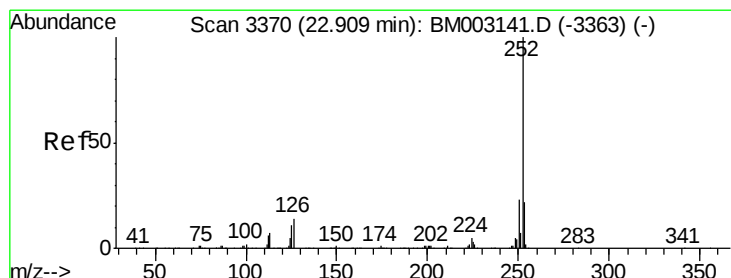
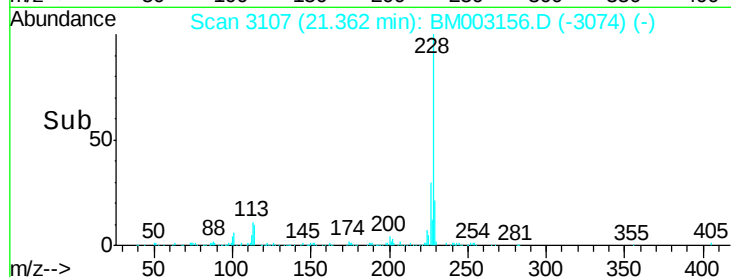
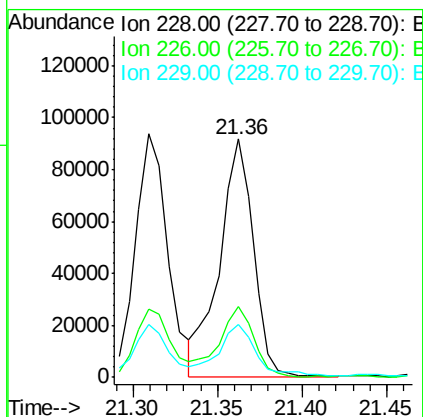
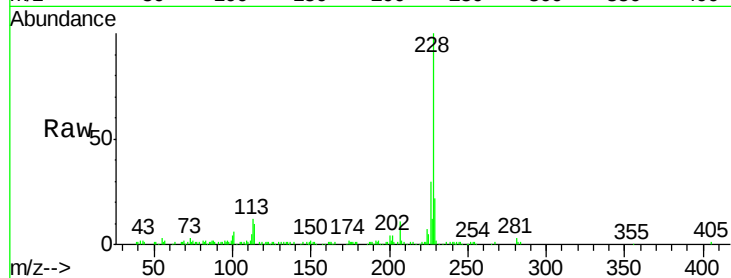




#85
Chrysene
Concen: 3.07 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

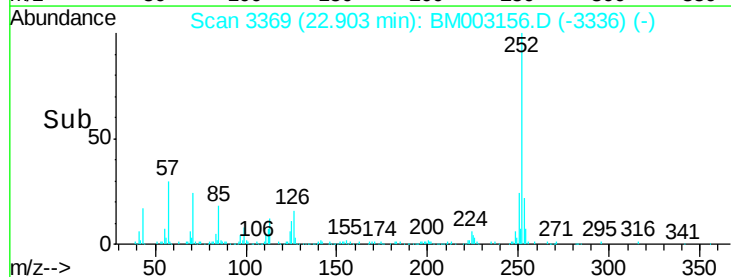
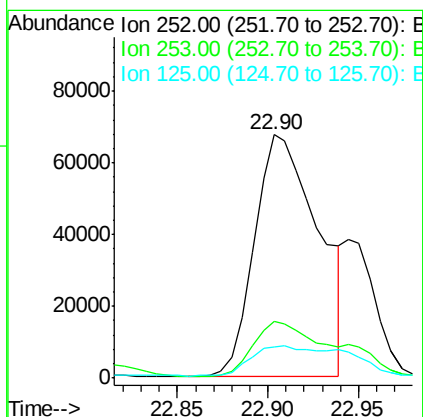
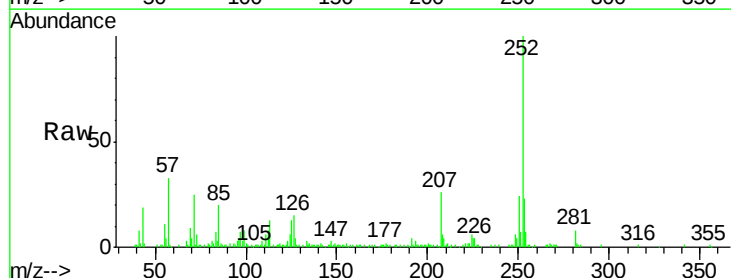
Instrument :
BNA_M
ClientSampleId :

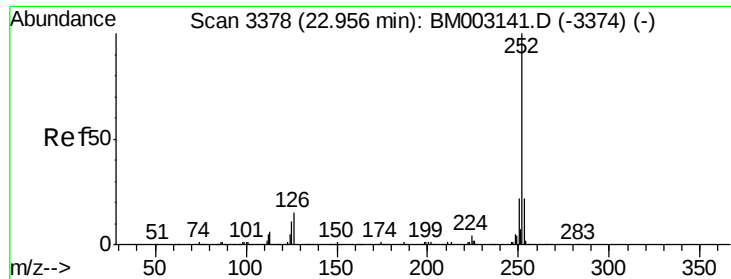
Tot Ion:228 Resp: 127996
Ion Ratio Lower Upper
228 100
226 29.8 23.3 34.9
229 22.0 15.8 23.6



#88
Benzo(b)fluoranthene
Concen: 3.71 ng/ul
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM003156.D
Acq: 16 Nov 2015 23:14

Tgt Ion:252 Resp: 165841
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 12.6 10.7 16.1





#89

Benzo(k)fluoranthene

Concen: 1.12 ng/ul

RT: 22.90 min Scan# 3369

Delta R.T. -0.05 min

Lab File: BM003156.D

Acq: 16 Nov 2015 23:14

Instrument :

BNA_M

ClientSampleId :

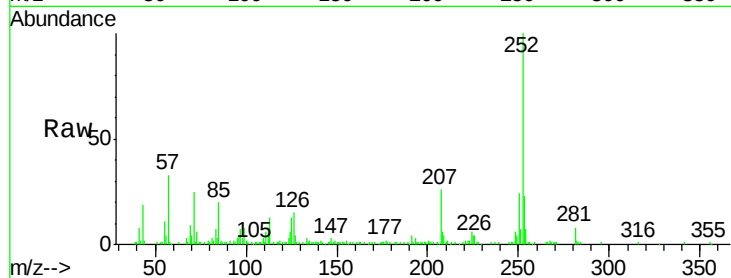
Tot Ion:252 Resp: 46619

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

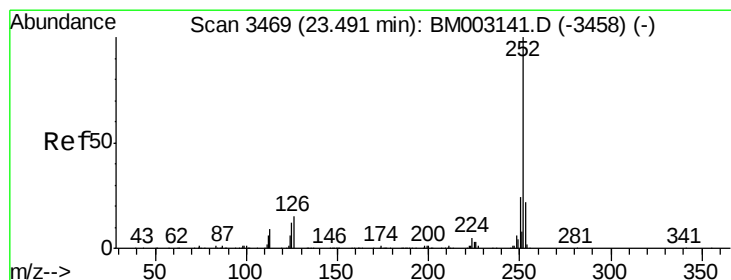
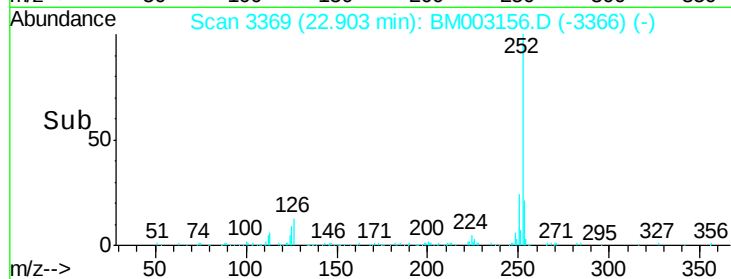
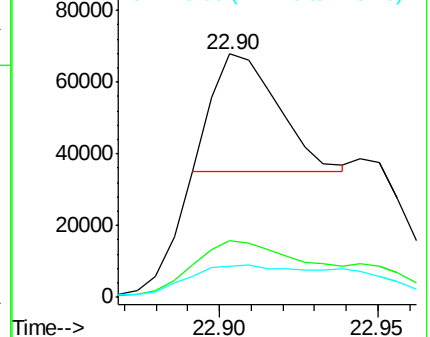
125 12.6 11.1 16.7



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



#91

Benzo(a)pyrene

Concen: 1.77 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.10 min

Lab File: BM003156.D

Acq: 16 Nov 2015 23:14

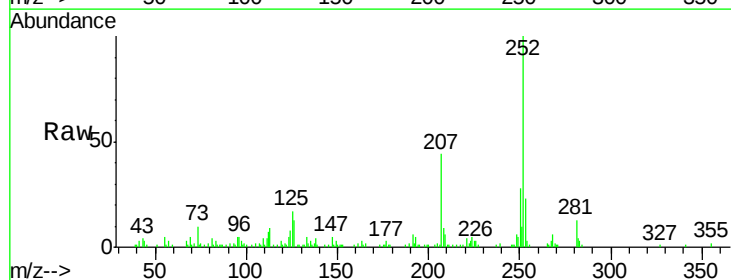
Tgt Ion:252 Resp: 74985

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

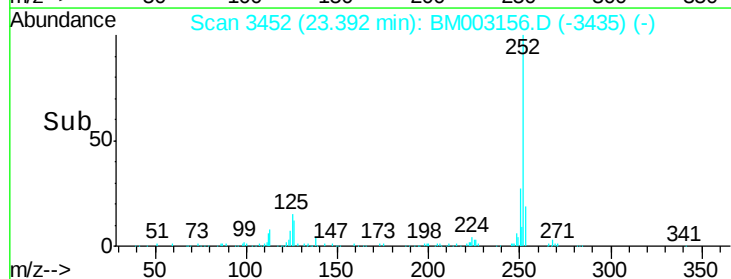
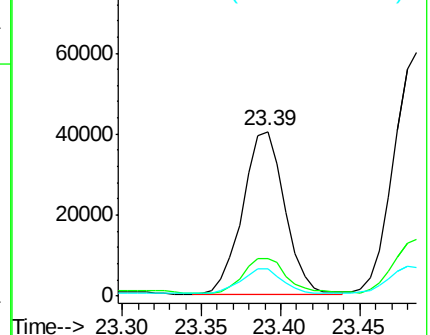
125 16.6 11.9 17.9

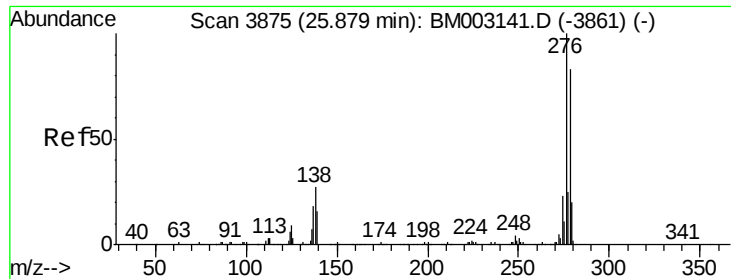


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

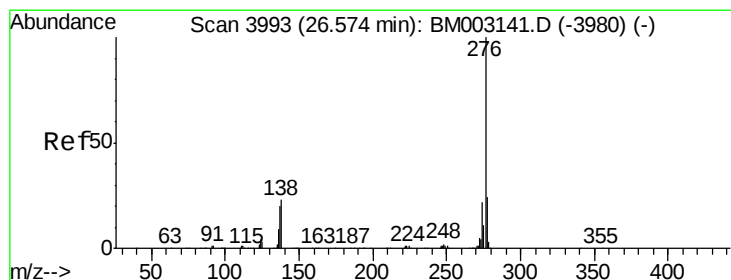
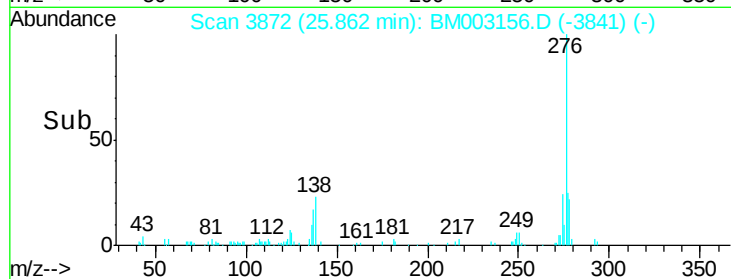
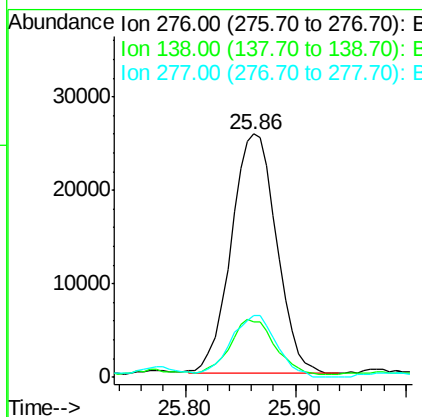
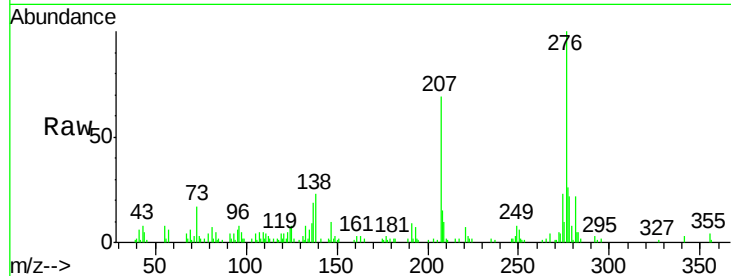




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.58 ng/ul
 RT: 25.86 min Scan# 3872
 Delta R.T. -0.02 min
 Lab File: BM003156.D
 Acq: 16 Nov 2015 23:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 73470
 Ion Ratio Lower Upper
 276 100
 138 23.0 26.6 40.0#
 277 25.5 20.2 30.4



#94
 Benzo(g,h,i)perylene
 Concen: 1.60 ng/ul
 RT: 26.56 min Scan# 3991
 Delta R.T. -0.01 min
 Lab File: BM003156.D
 Acq: 16 Nov 2015 23:14

Tgt Ion:276 Resp: 66844
 Ion Ratio Lower Upper
 276 100
 138 24.2 23.8 35.6
 277 23.9 19.4 29.2

