

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004243.D
 Acq On : 13 Feb 2016 00:14
 Operator : SJ/IZ
 Sample : H1414-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QE1

Quant Time: Feb 15 07:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 12 22:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	25575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	111042	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	61958	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	131534	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	138894	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	141342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1596	3.14	ng/uL	0.00
5) Phenol-d5	6.82	99	31662	15.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	17987	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	28830	15.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	25160	14.38	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	13316	15.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	14931	15.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	26382	15.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	33982	16.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	88194	17.11	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	105575	16.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	9936	11.91	ng/ul	0.00
58) Fluorene-d10	15.30	176	77205	17.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	9037	11.28	ng/ul	0.00
71) Anthracene-d10	17.16	188	111677	17.37	ng/ul	0.00
79) Pyrene-d10	19.46	212	125283	16.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	135763	18.00	ng/ul	-0.01

Target Compounds

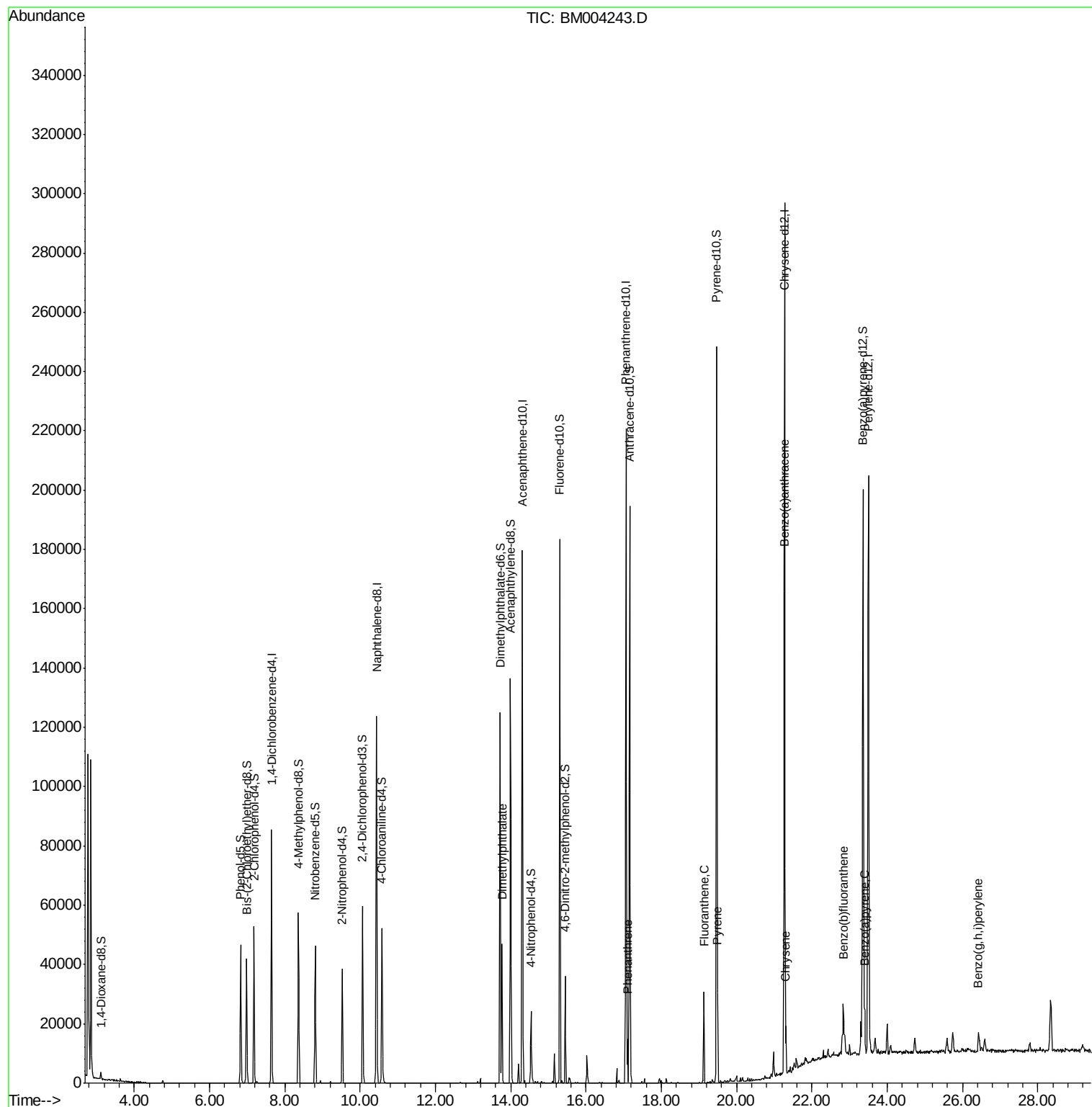
						Ovalue
45) Dimethylphthalate	13.76	163	33431	6.21	ng/ul	99
70) Phenanthrene	17.10	178	10772	1.35	ng/ul	97
77) Fluoranthene	19.13	202	20283	2.43	ng/ul	98
80) Pyrene	19.49	202	19466	1.94	ng/ul	98
83) Benzo(a)anthracene	21.25	228	10115	1.13	ng/ul	97
85) Chrysene	21.30	228	10523	1.25	ng/ul	97
88) Benzo(b)fluoranthene	22.83	252	16702	1.79	ng/ul	100
91) Benzo(a)pyrene	23.40	252	10836	1.22	ng/ul	97
94) Benzo(a,h,i)perylene	26.42	276	8887	1.04	ng/ul	98

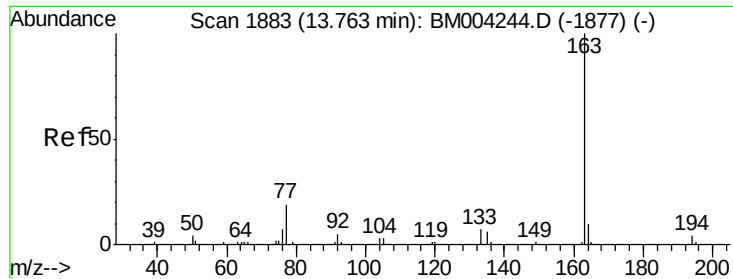
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.21 ng/ul

RT: 13.76 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

Instrument :

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ClientSampleId :

D9QE1

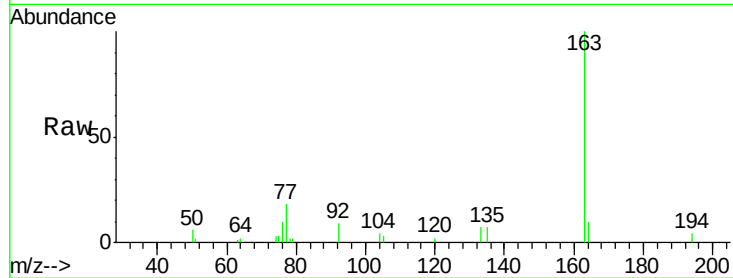
Tot Ion:163 Resp: 33431

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

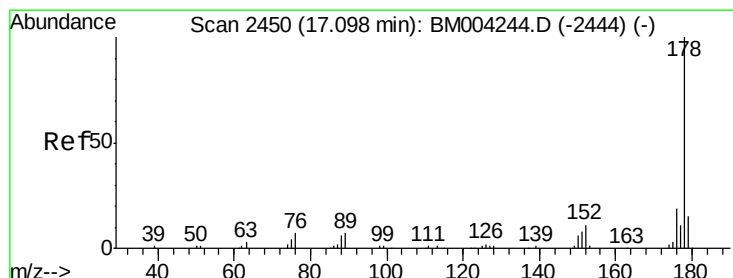
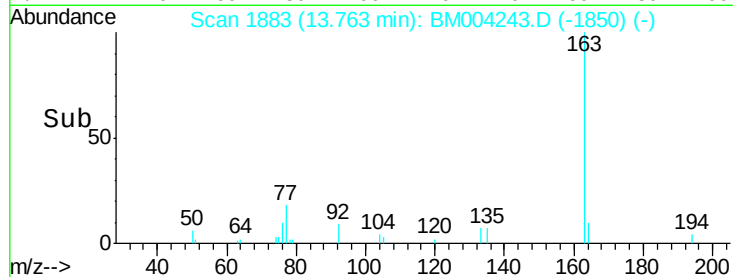
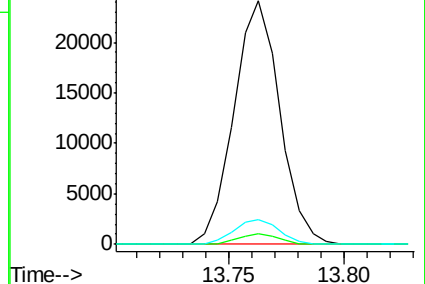
164 10.1 7.8 11.8



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: 1.35 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

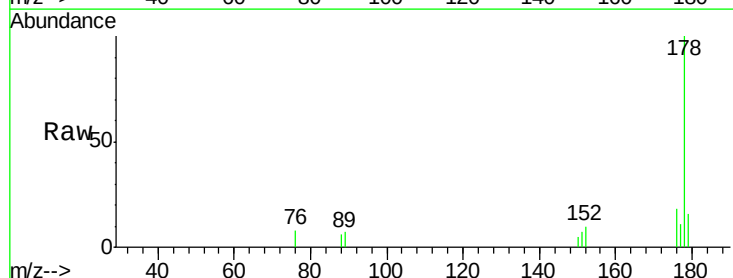
Tgt Ion:178 Resp: 10772

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

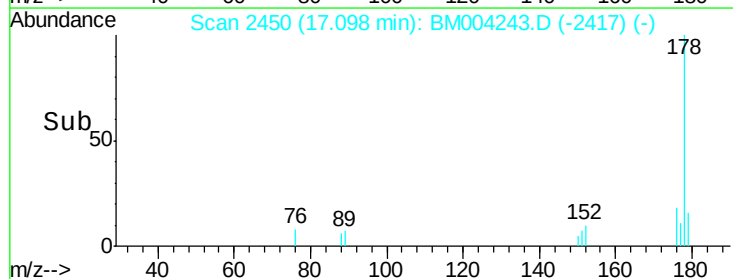
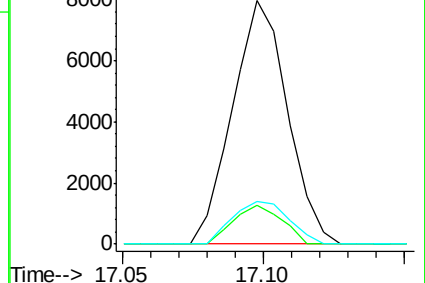
176 17.6 15.6 23.4

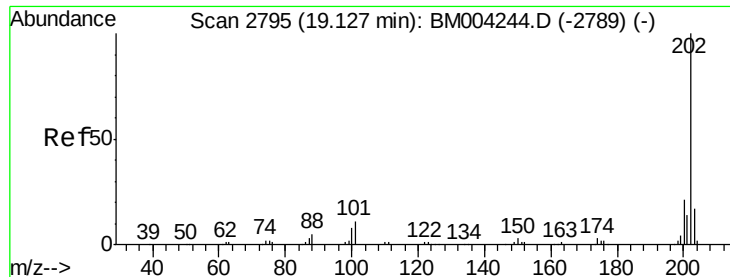


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

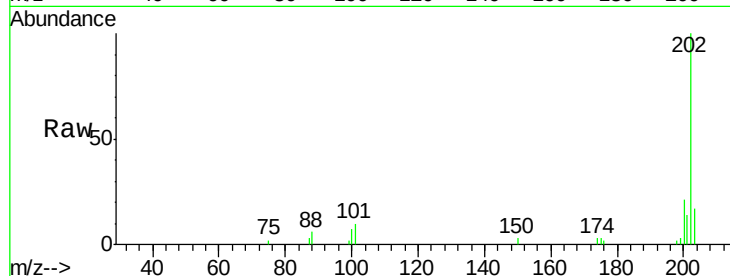




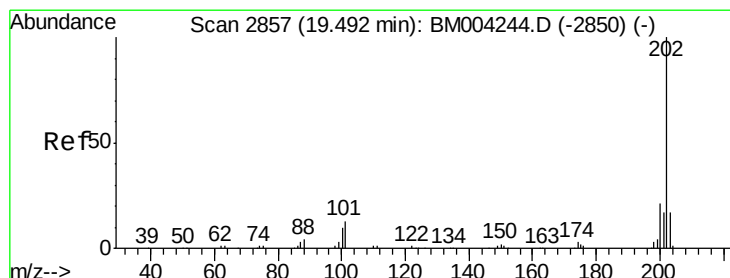
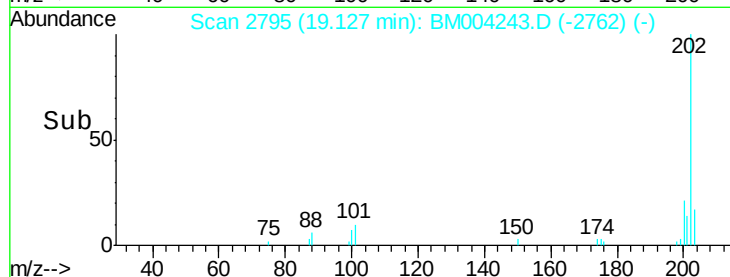
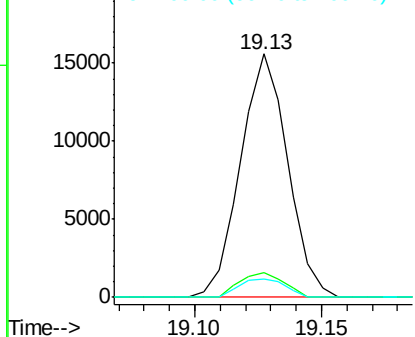
#77
Fluoranthene
 Concen: 2.43 ng/ul
 RT: 19.13 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BM004243.D
 Acq: 13 Feb 2016 00:14

Instrument :
 BNA_M
 ClientSampleId :
 D9QE1

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.8	13.2
100	7.4	6.6	9.8

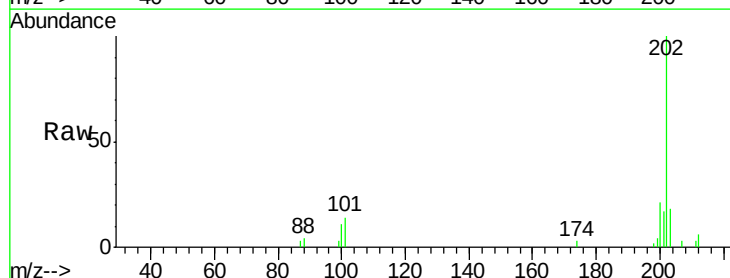


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

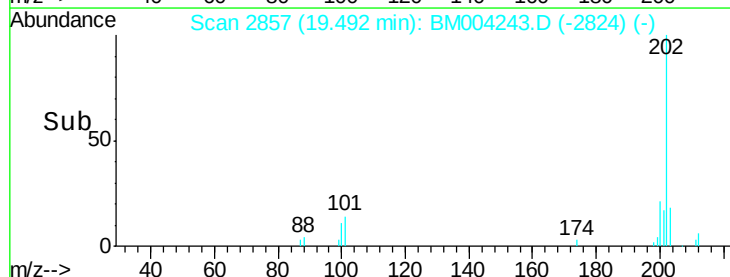
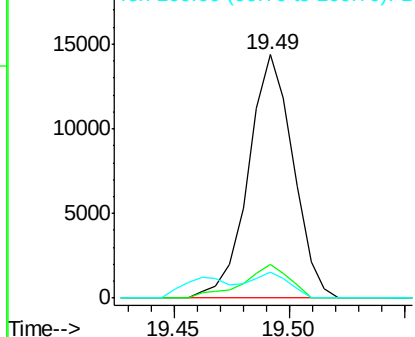


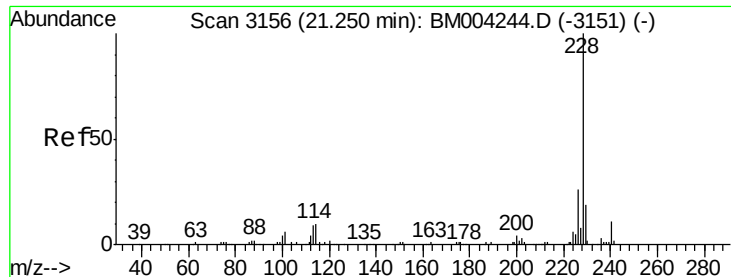
#80
Pyrene
 Concen: 1.94 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BM004243.D
 Acq: 13 Feb 2016 00:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	10.6	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: 1.13 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

Instrument :

BNA_M

ClientSampleId :

D9QE1

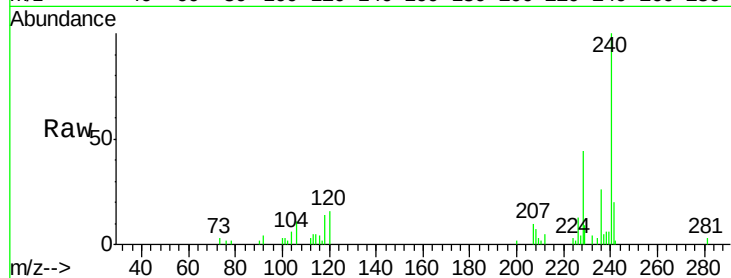
Tot Ion:228 Resp: 10115

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

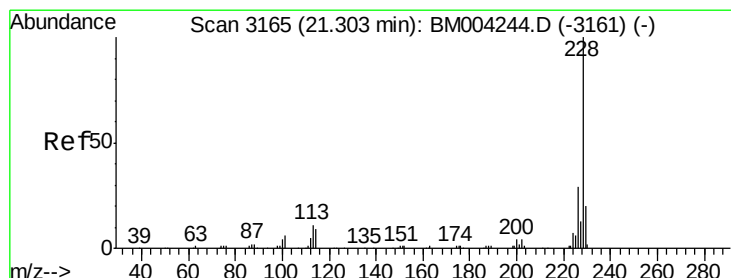
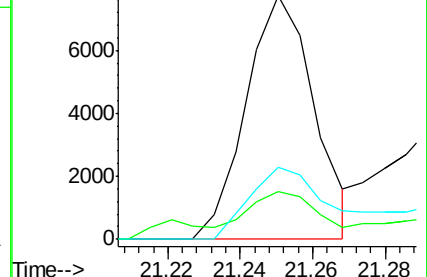
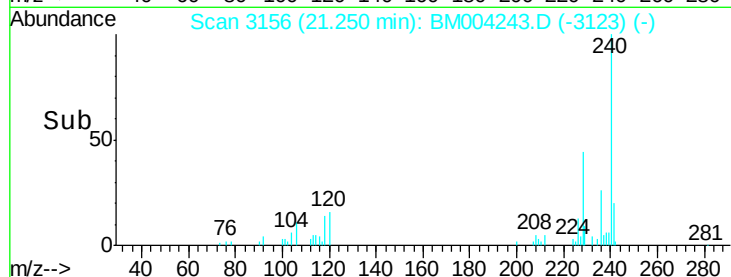
226 29.5 21.8 32.6



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: 1.25 ng/ul

RT: 21.30 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

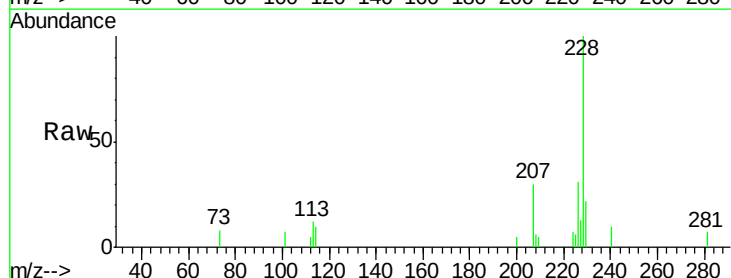
Tgt Ion:228 Resp: 10523

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

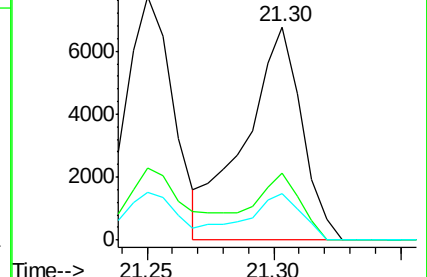
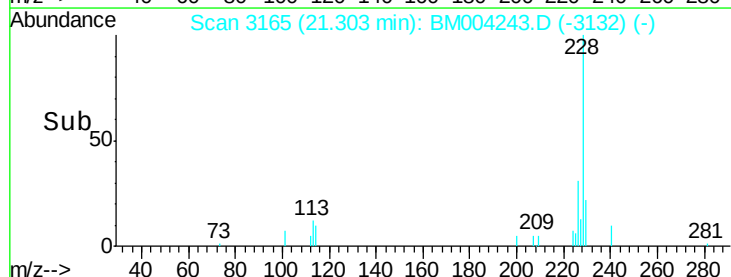
229 21.9 15.6 23.4

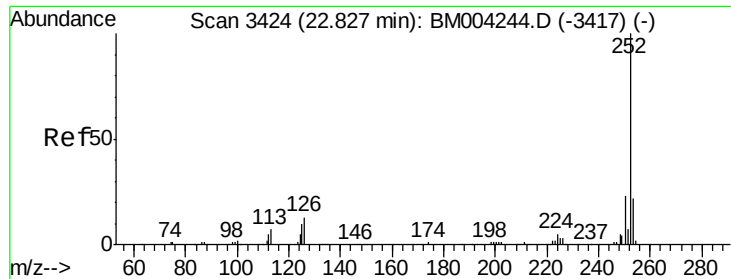


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.79 ng/ul

RT: 22.83 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

Instrument :

BNA_M

ClientSampleId :

D9QE1

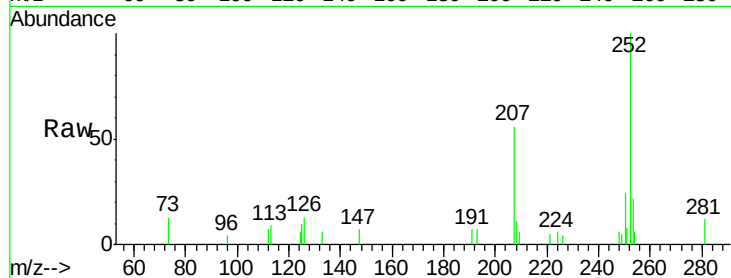
Tot Ion:252 Resp: 16702

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

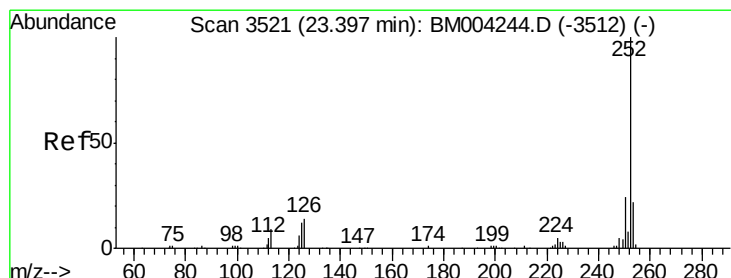
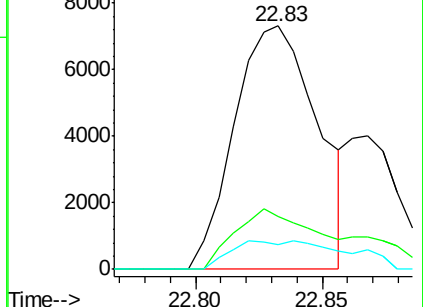
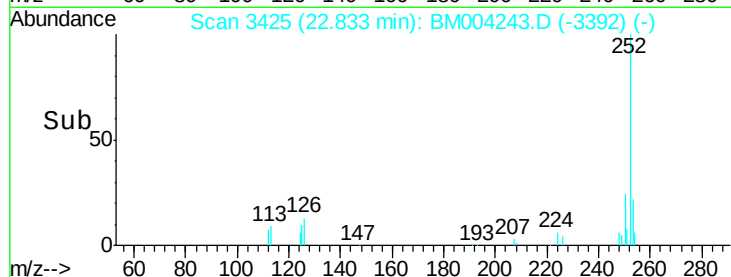
125 10.4 8.5 12.7



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



#91

Benzo(a)pyrene

Concen: 1.22 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BM004243.D

Acq: 13 Feb 2016 00:14

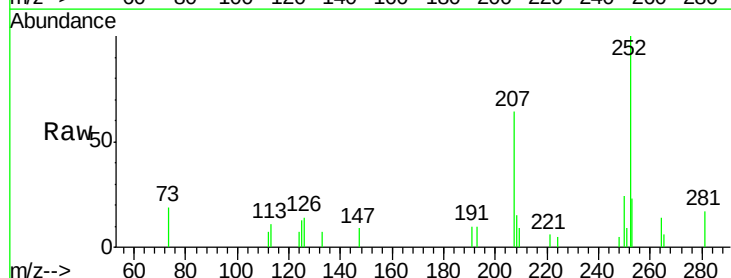
Tgt Ion:252 Resp: 10836

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

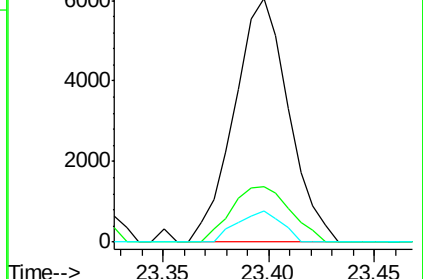
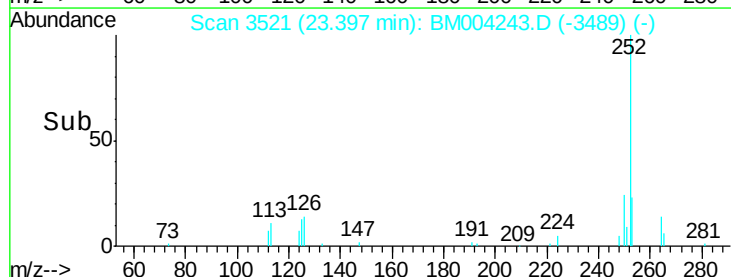
125 13.0 9.0 13.6

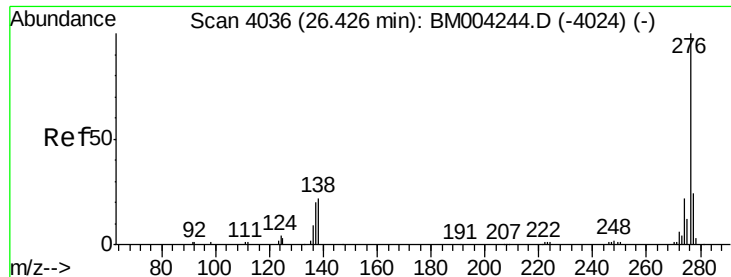


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.04 ng/ul

RT: 26.42 min Scan# 4035

Delta R.T. -0.02 min

Lab File: BM004243.D

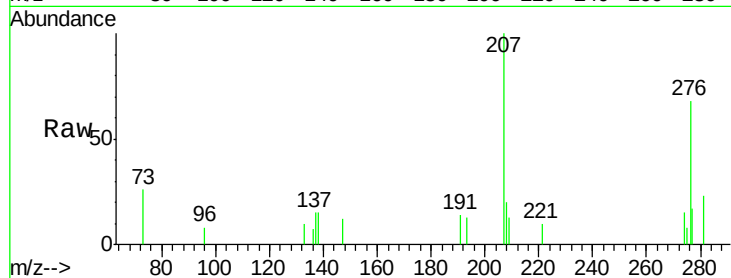
Acq: 13 Feb 2016 00:14

Instrument :

BNA_M

ClientSampleId :

D9QE1



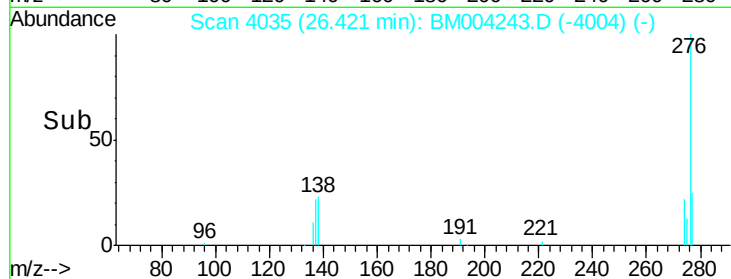
Tot Ion: 276 Resp: 8887

Ion Ratio Lower Upper

276 100

138 22.8 18.9 28.3

277 24.8 19.2 28.8



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

