

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004019.D
 Acq On : 14 Jan 2016 19:08
 Operator : SJ/UM
 Sample : H1099-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC995

Quant Time: Jan 15 00:32:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	192528	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	112706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	242731	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	194791	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	175071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3724	4.12	ng/uL	0.00
5) Phenol-d5	6.85	99	92385	27.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	53370	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	78325	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	59725	21.95	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	39972	27.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	44745	28.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	77668	27.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	86436	23.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	254131	28.72	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	315950	29.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	34372	21.63	ng/ul	0.00
58) Fluorene-d10	15.32	176	224270	29.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	26213	19.15	ng/ul	0.00
71) Anthracene-d10	17.17	188	321356	28.62	ng/ul	0.00
79) Pyrene-d10	19.47	212	324396	32.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	259741	29.71	ng/ul	0.00

Target Compounds

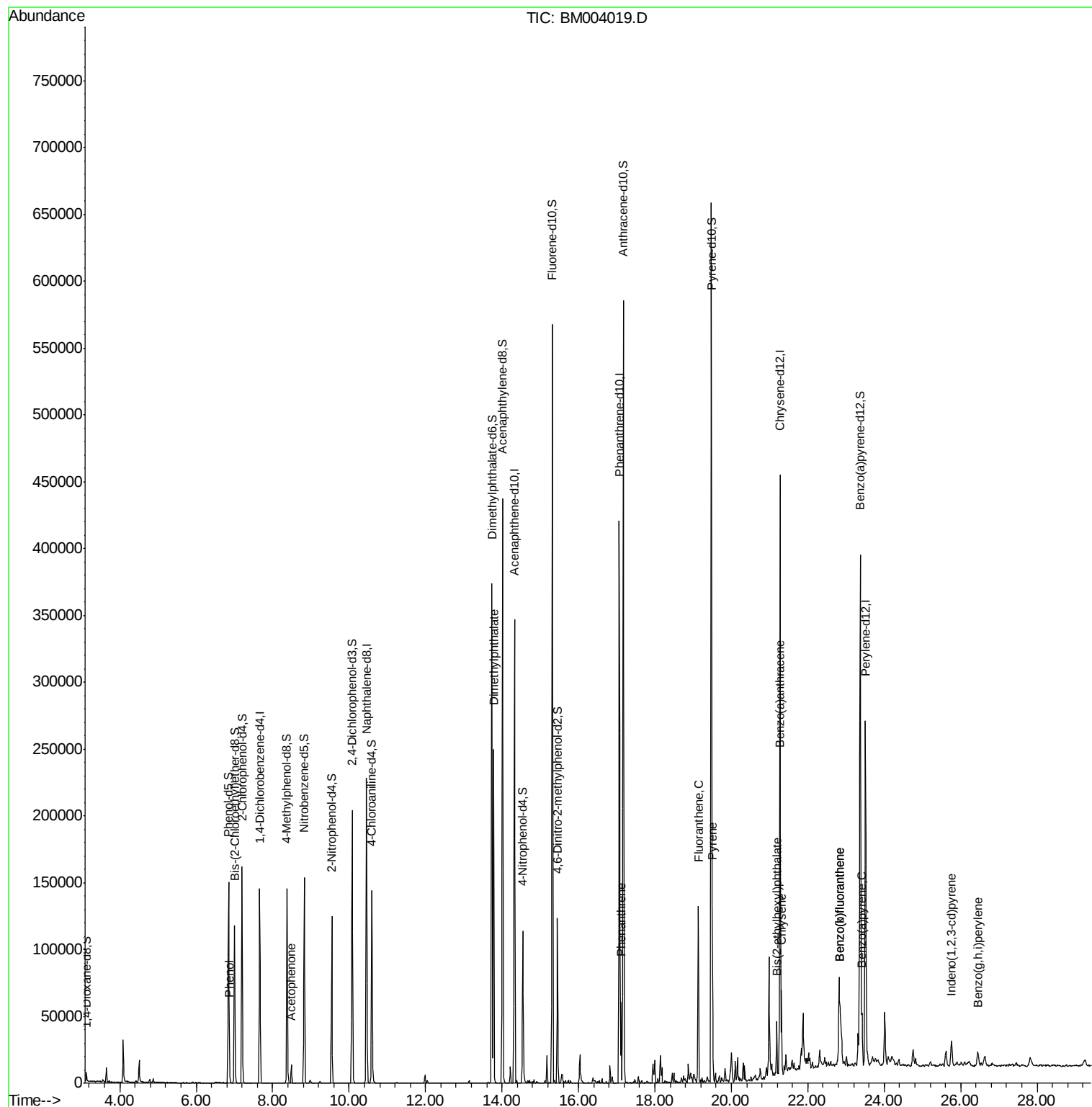
						Qvalue
6) Phenol	6.87	94	4284	1.21	ng/ul	97
14) Acetophenone	8.49	105	8542	2.02	ng/ul	94
45) Dimethylphthalate	13.78	163	159556	17.69	ng/ul	100
70) Phenanthrene	17.11	178	38737	2.84	ng/ul	99
77) Fluoranthene	19.14	202	76868	5.42	ng/ul	99
80) Pyrene	19.50	202	79933	6.05	ng/ul	99
83) Benzo(a)anthracene	21.26	228	32261	2.78	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	15188	2.15	ng/ul	99
85) Chrysene	21.31	228	35637	3.23	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	35669	3.35	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	24004	2.37	ng/ul	98
91) Benzo(a)pyrene	23.41	252	28069	2.78	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.76	276	16798	1.50	ng/ul	97
94) Benzo(g,h,i)perylene	26.44	276	13477	1.44	ng/ul	98

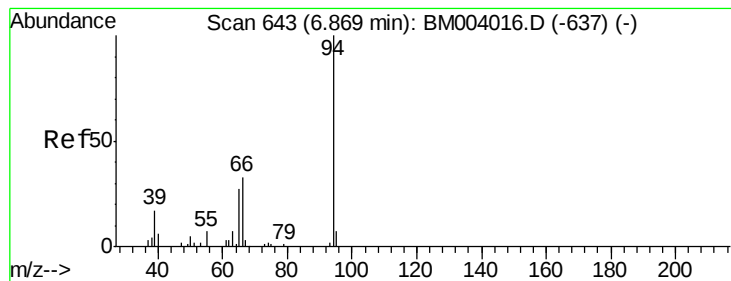
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.21 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

Instrument :

BNA_M

ClientSampleId :

BC995

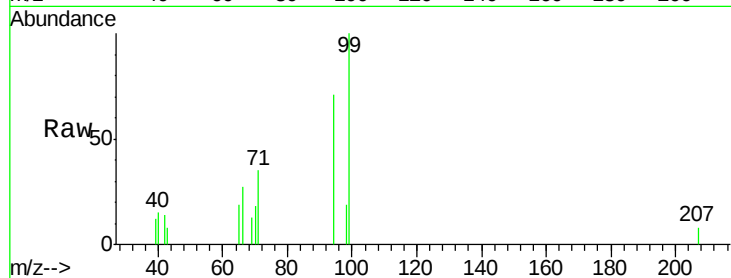
Tgt Ion: 94 Resp: 4284

Ion Ratio Lower Upper

94 100

65 27.5 21.0 31.6

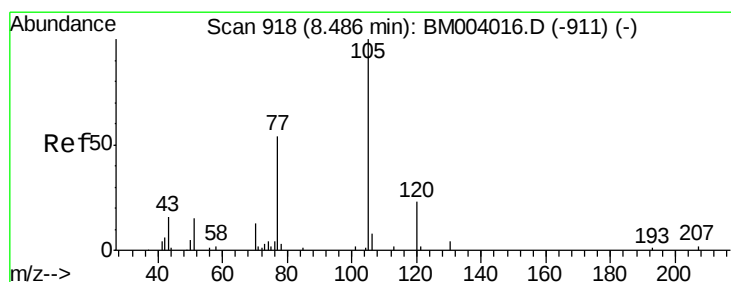
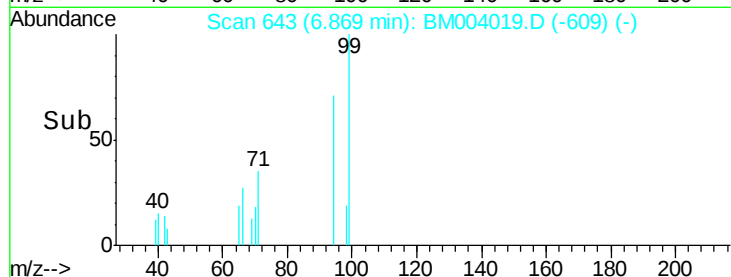
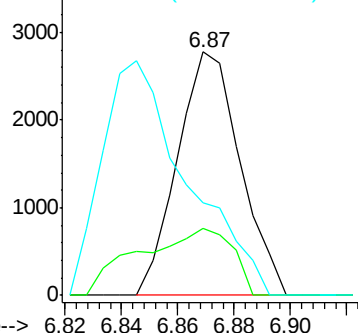
66 38.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004016.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM004016.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM004016.D (-637) (-)



#14

Acetophenone

Concen: 2.02 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

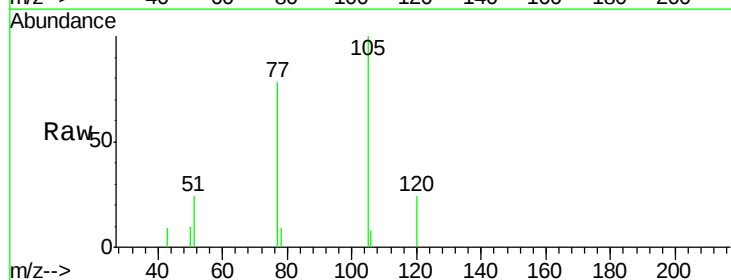
Tgt Ion: 105 Resp: 8542

Ion Ratio Lower Upper

105 100

77 78.2 59.0 88.4

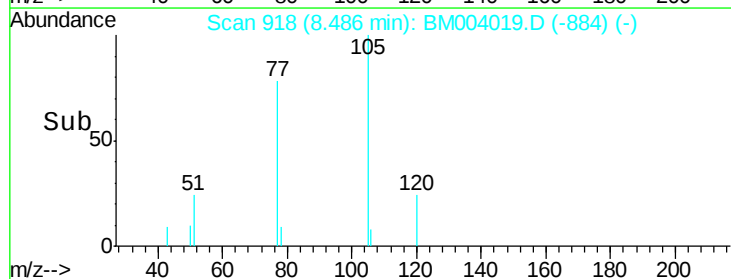
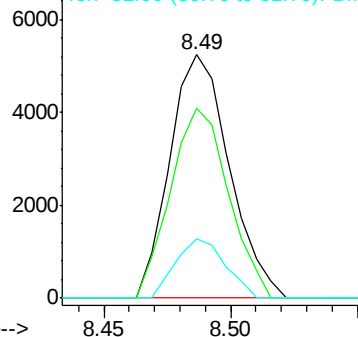
51 24.3 16.4 24.6

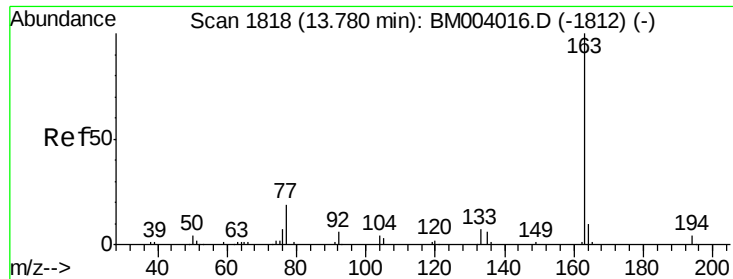


Abundance Ion 105.00 (104.70 to 105.70): BM004016.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM004016.D (-911) (-)

Ion 51.00 (50.70 to 51.70): BM004016.D (-911) (-)

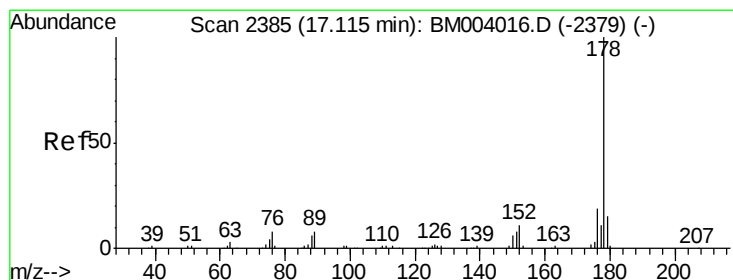
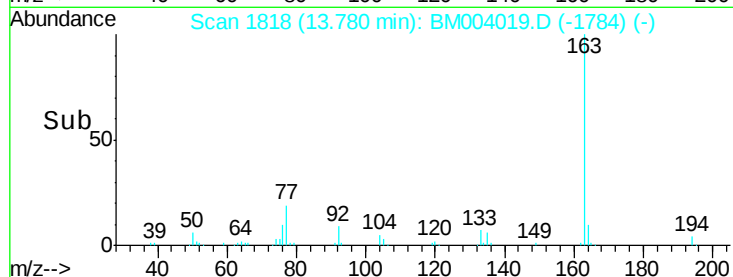
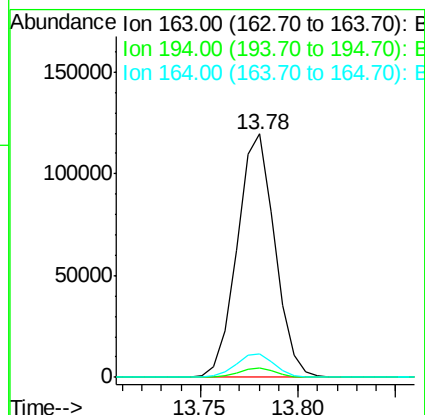
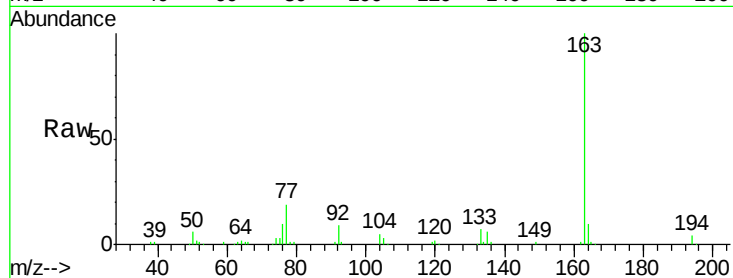




#45
Dimethylphthalate
Concen: 17.69 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004019.D
Acq: 14 Jan 2016 19:08

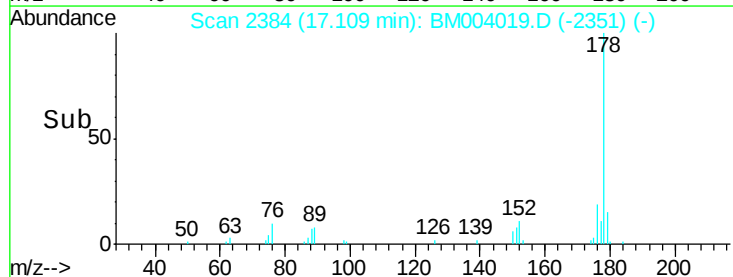
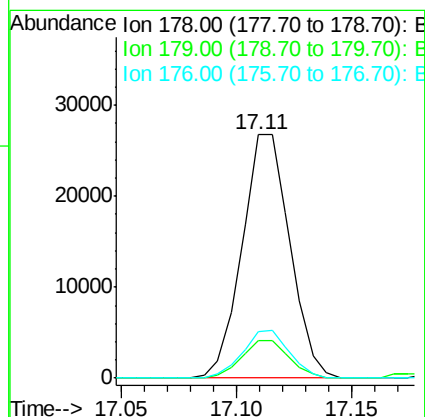
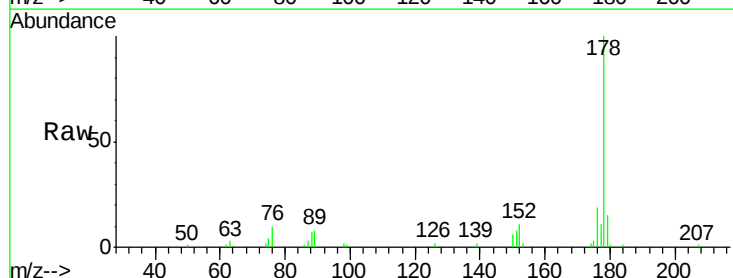
Instrument :
BNA_M
ClientSampleId :
BC995

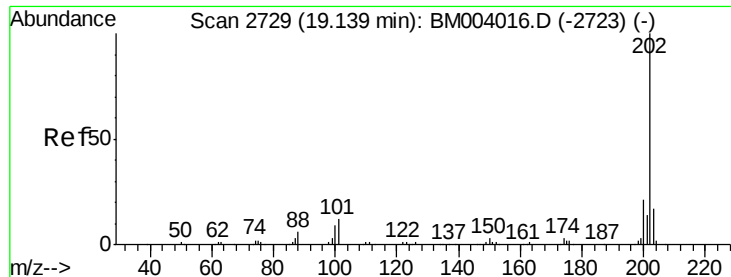
Tgt Ion:163 Resp: 159556
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 7.8 11.8



#70
Phenanthrene
Concen: 2.84 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004019.D
Acq: 14 Jan 2016 19:08

Tgt Ion:178 Resp: 38737
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.1 15.6 23.4





#77

Fluoranthene

Concen: 5.42 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

Instrument :

BNA_M

ClientSampleId :

BC995

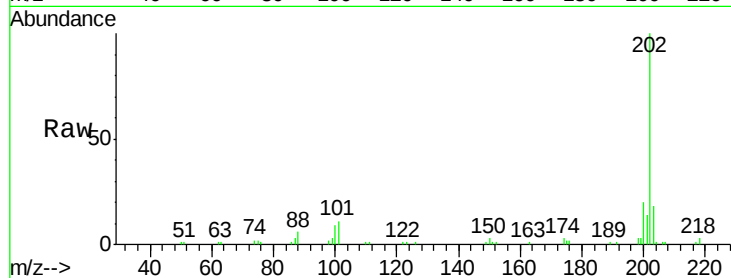
Tgt Ion:202 Resp: 76868

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

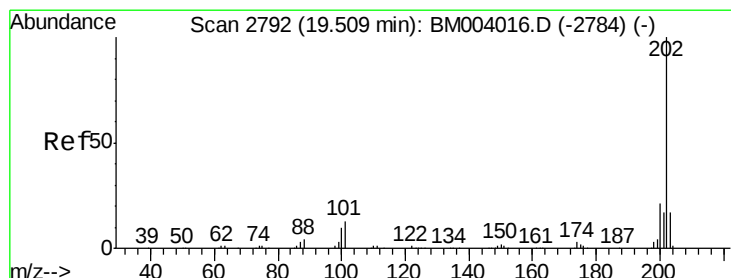
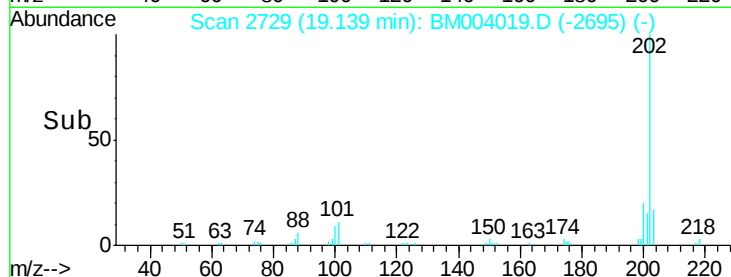
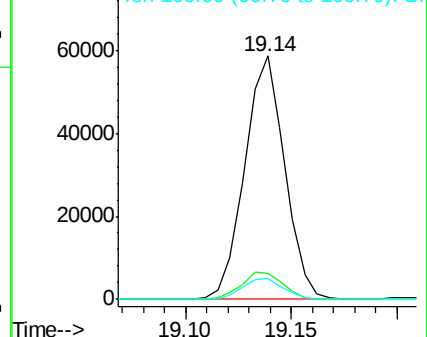
100 8.7 6.6 9.8



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: 6.05 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

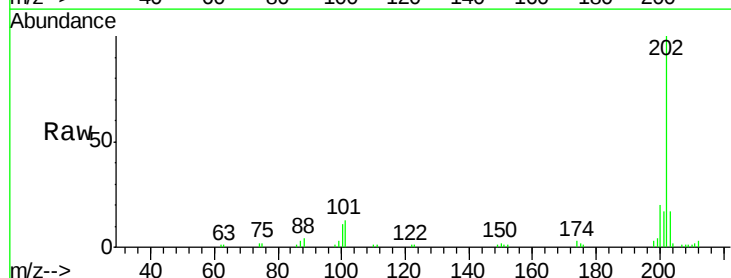
Tgt Ion:202 Resp: 79933

Ion Ratio Lower Upper

202 100

101 12.9 10.2 15.2

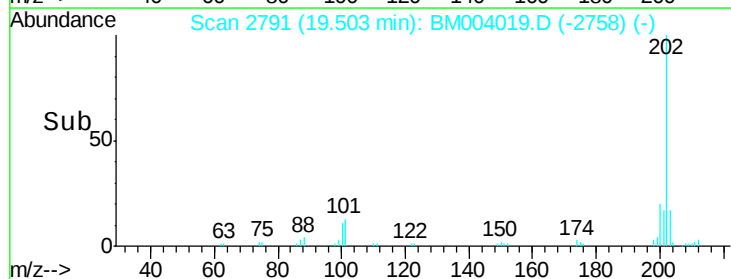
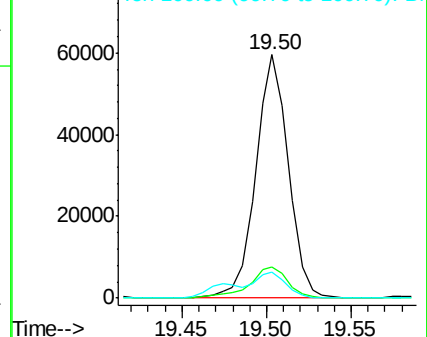
100 10.8 8.5 12.7

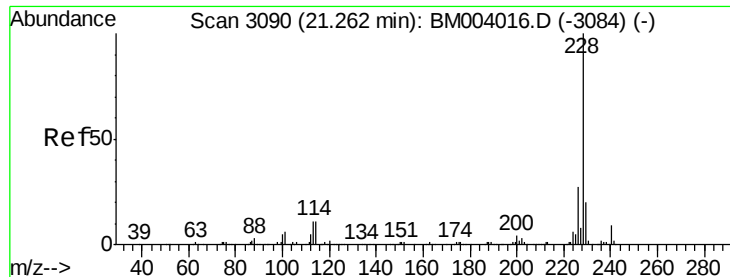


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.78 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

Instrument :

BNA_M

ClientSampleId :

BC995

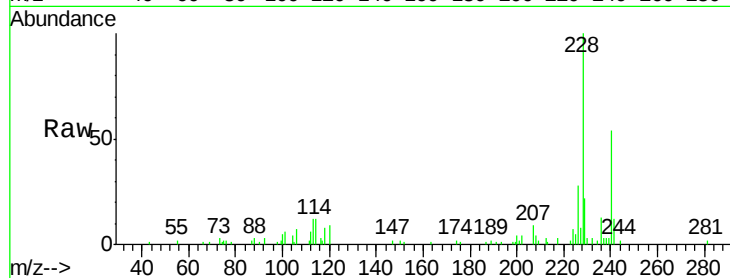
Tgt Ion:228 Resp: 32261

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

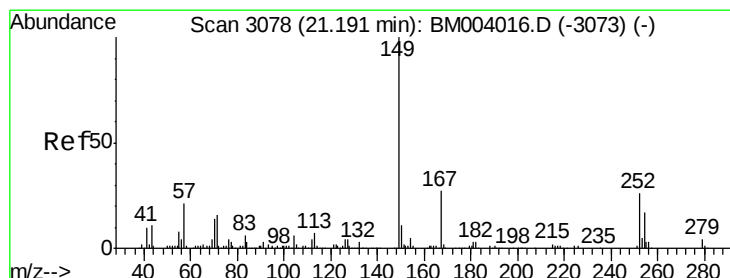
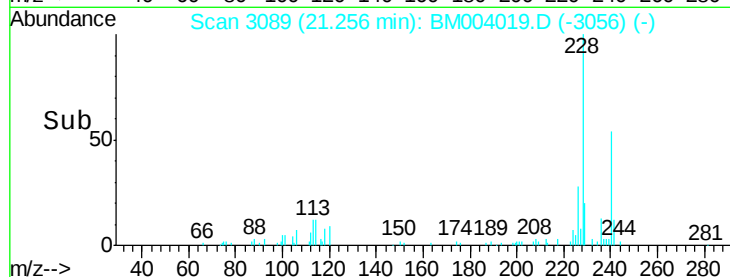
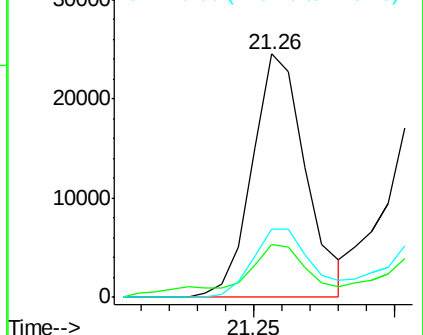
226 28.0 21.8 32.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.15 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

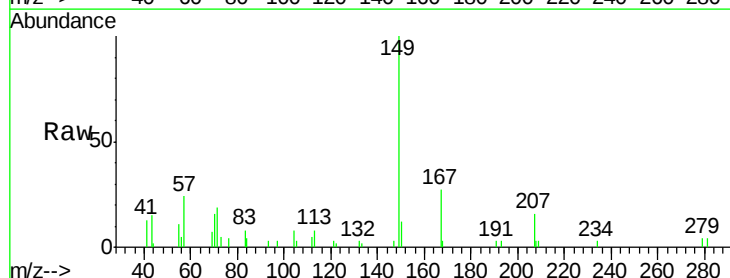
Tgt Ion:149 Resp: 15188

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

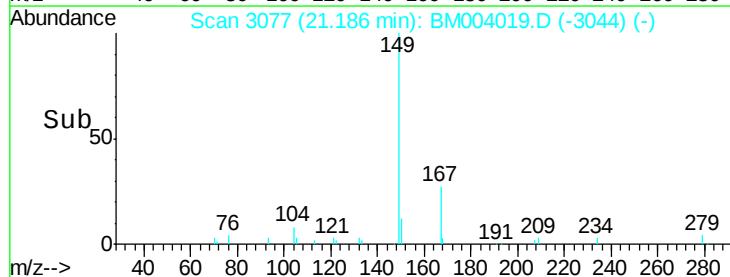
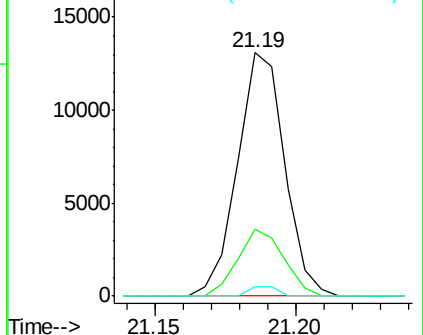
279 3.6 3.0 4.4

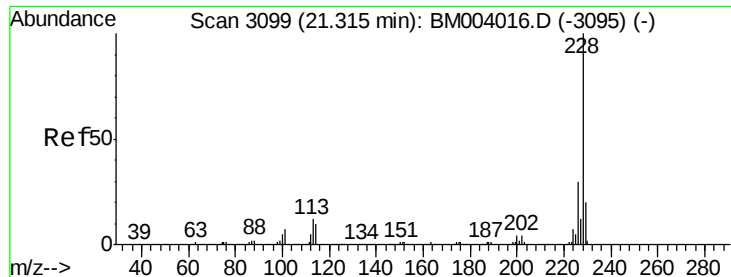


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

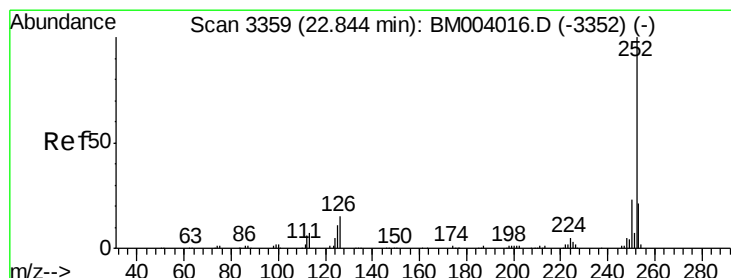
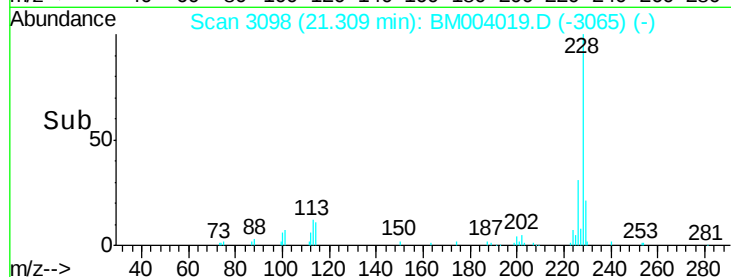
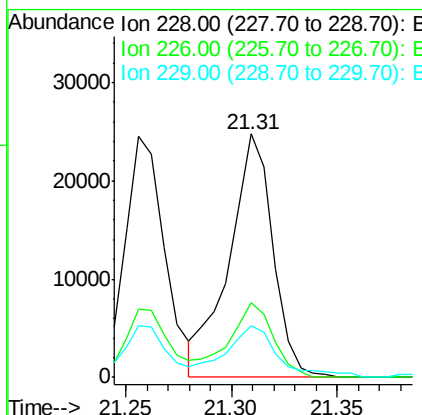
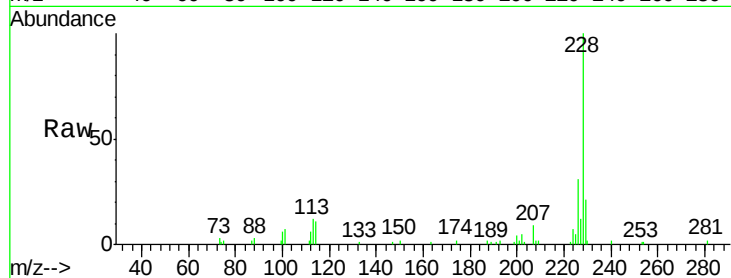




#85
Chrysene
Concen: 3.23 ng/u1
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004019.D
Acq: 14 Jan 2016 19:08

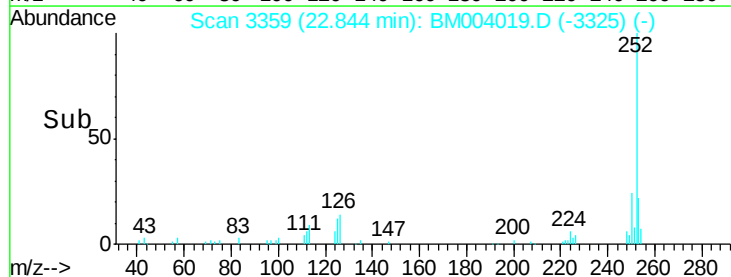
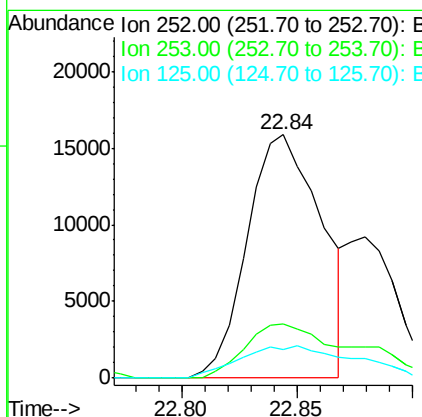
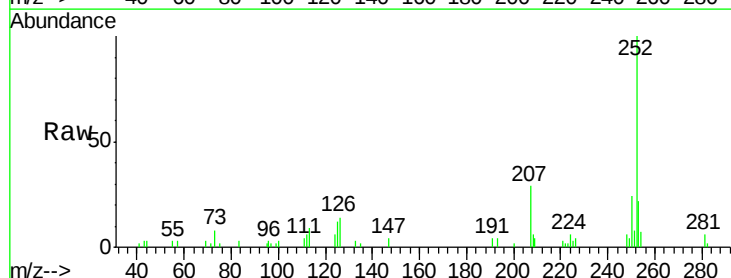
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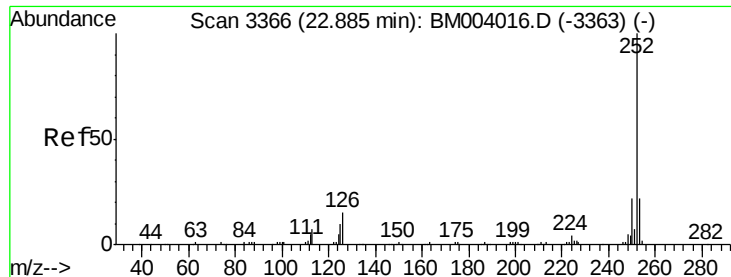
Tgt Ion:228 Resp: 35637
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.3 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 3.35 ng/u1
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004019.D
Acq: 14 Jan 2016 19:08

Tgt Ion:252 Resp: 35669
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.5 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 2.37 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

Instrument :

BNA_M

ClientSampleId :

BC995

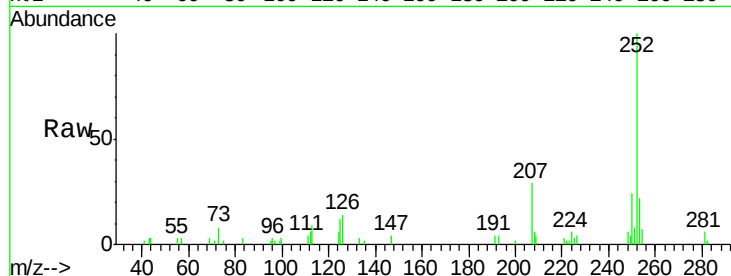
Tgt Ion:252 Resp: 24004

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

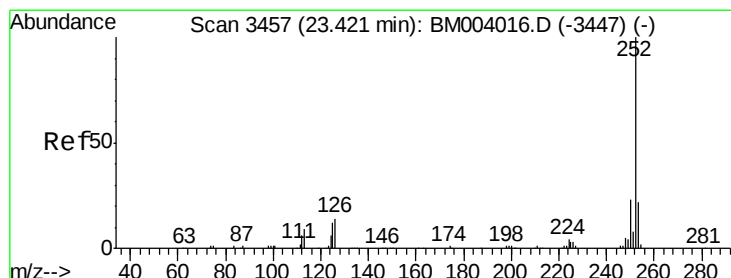
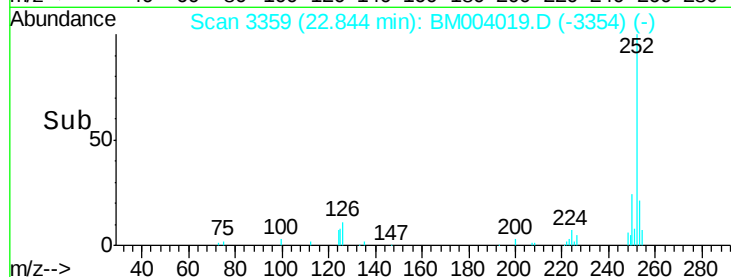
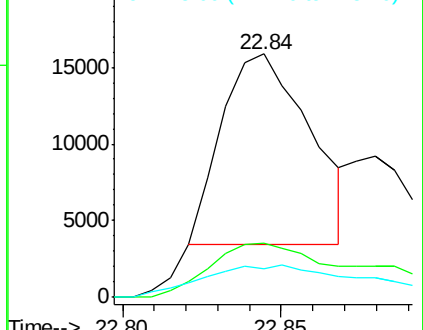
125 11.5 8.2 12.2



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: 2.78 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

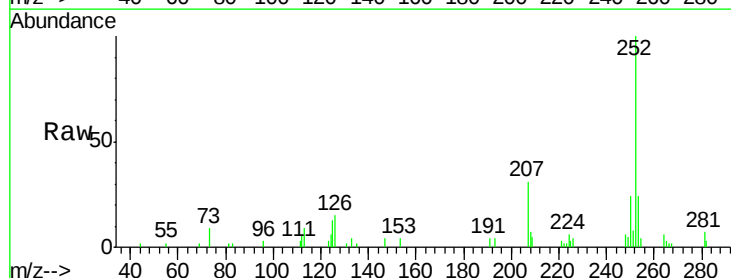
Tgt Ion:252 Resp: 28069

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

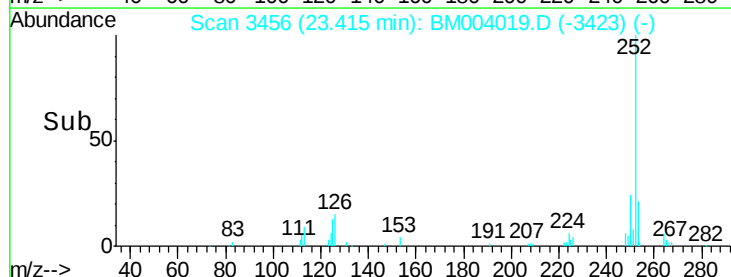
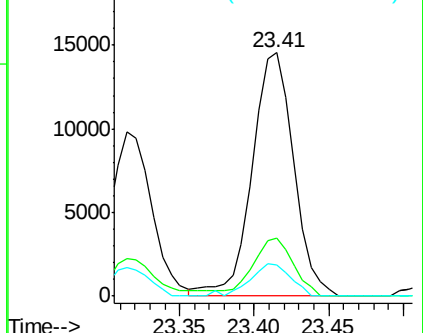
125 12.6 9.0 13.6

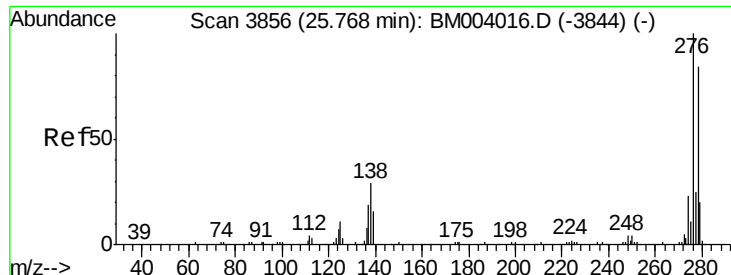


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.50 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004019.D

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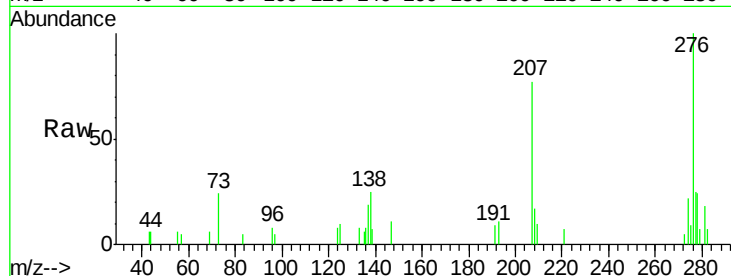
Tgt Ion:276 Resp: 16798

Ion Ratio Lower Upper

276 100

138 25.3 22.3 33.5

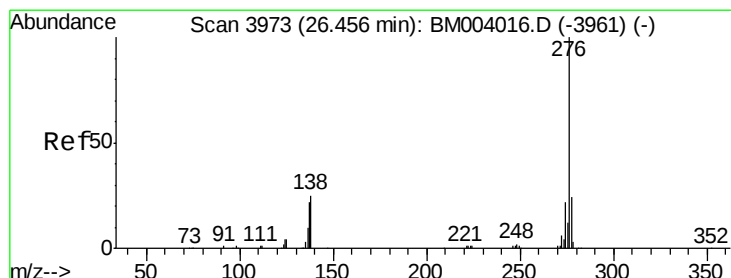
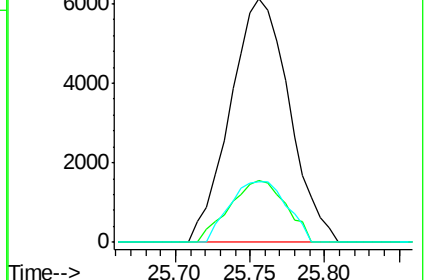
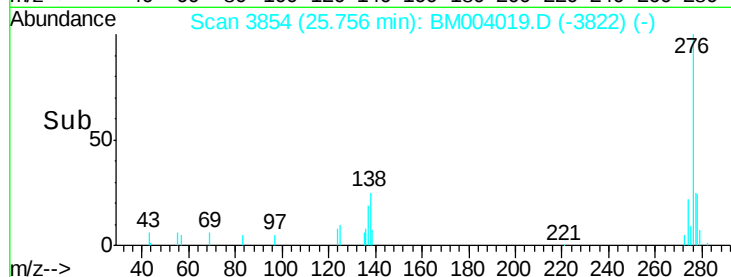
277 25.1 20.2 30.2



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



#94

Benzo(g,h,i)perylene

Concen: 1.44 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM004019.D

Acq: 14 Jan 2016 19:08

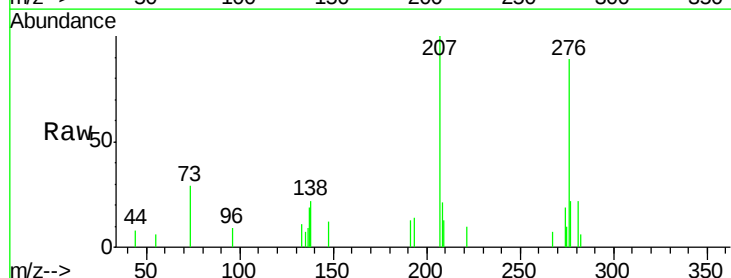
Tgt Ion:276 Resp: 13477

Ion Ratio Lower Upper

276 100

138 24.5 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

