

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012733.D
 Acq On : 05 Nov 2017 06:39
 Operator : SJ/JU
 Sample : I5825-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

Quant Time: Nov 06 03:28:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	130843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	513945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	299910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	606124	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	574482	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	643133	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5187	2.14	ng/uL	0.00
5) Phenol-d5	6.99	99	118932	12.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	73263	13.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	107327	13.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48780	5.80	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	55420	14.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	63191	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	111880	12.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	34451	4.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	378371	15.25	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	451707	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	32986	8.29	ng/ul	0.01
57) Fluorene-d10	15.45	176	318535	14.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	16265	4.06	ng/ul	0.00
70) Anthracene-d10	17.29	188	440487	15.04	ng/ul	0.00
78) Pyrene-d10	19.59	212	426409	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	458002	15.06	ng/ul	0.00

Target Compounds

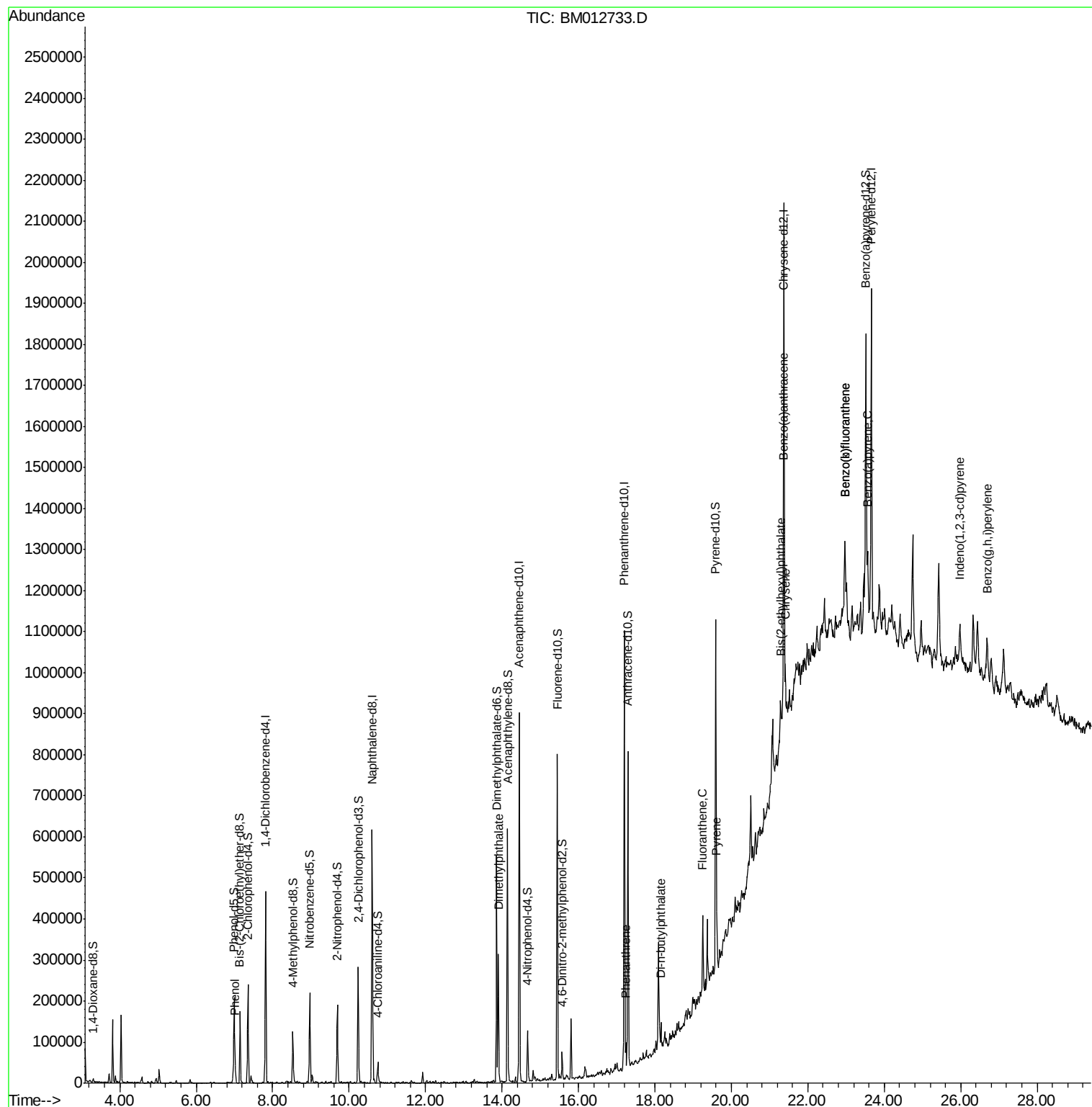
						Ovalue
6) Phenol	7.02	94	20935	2.09	ng/ul	92
44) Dimethylphthalate	13.91	163	205626	8.35	ng/ul	99
69) Phenanthrene	17.24	178	37529	1.13	ng/ul	99
75) Di-n-butylphthalate	18.16	149	42755	1.27	ng/ul	97
76) Fluoranthene	19.25	202	85809	2.16	ng/ul#	94
79) Pyrene	19.62	202	98151	2.86	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	65091	1.87	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.29	149	25301	1.39	ng/ul#	77
84) Chrysene	21.41	228	80278	2.55	ng/ul#	91
87) Benzo(b)fluoranthene	22.97	252	156627	3.99	ng/ul#	87
88) Benzo(k)fluoranthene	22.97	252	156627	4.19	ng/ul#	87
90) Benzo(a)pyrene	23.56	252	96566	2.58	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.98	276	105467	2.34	ng/ul#	86
93) Benzo(g,h,i)perylene	26.69	276	117189	3.16	ng/ul#	89

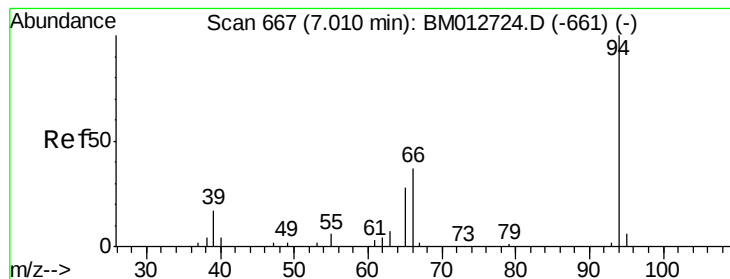
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.09 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

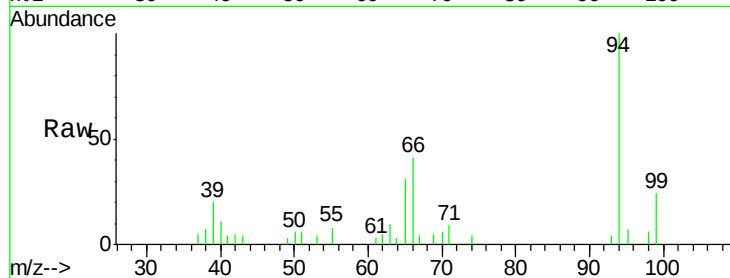
Tot Ion: 94 Resp: 20935

Ion Ratio Lower Upper

94 100

65 30.8 21.0 31.6

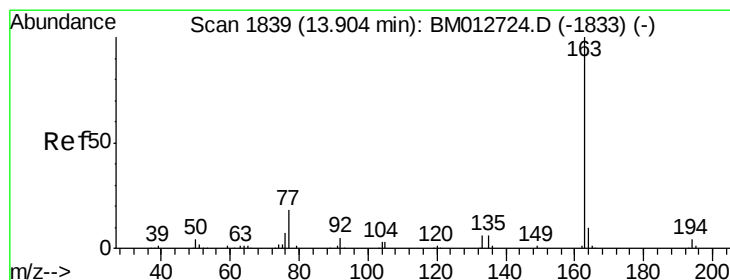
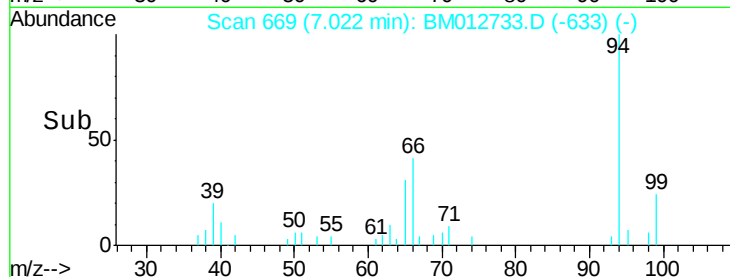
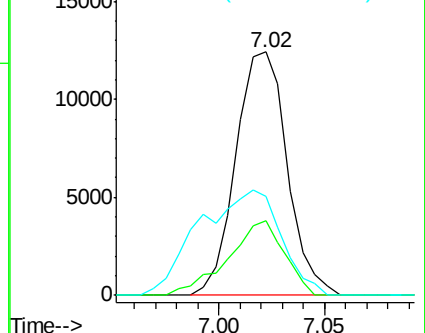
66 40.8 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012724.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM012724.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM012724.D (-661) (-)



#44

Dimethylphthalate

Concen: 8.35 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

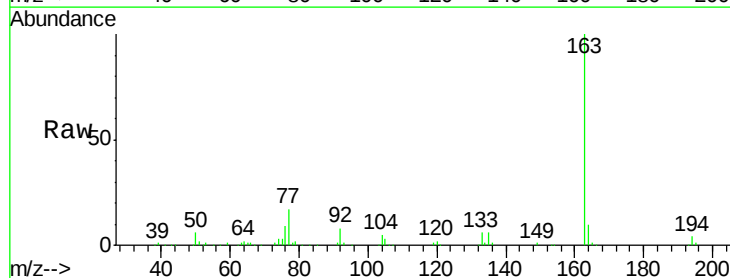
Tgt Ion: 163 Resp: 205626

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

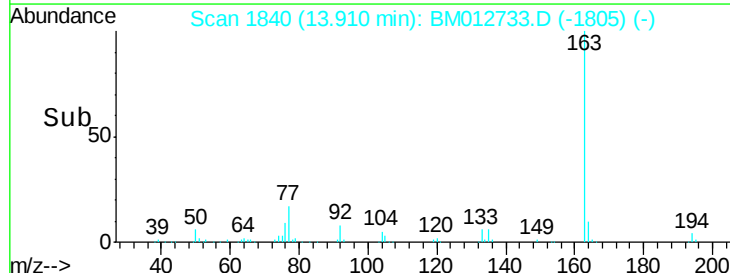
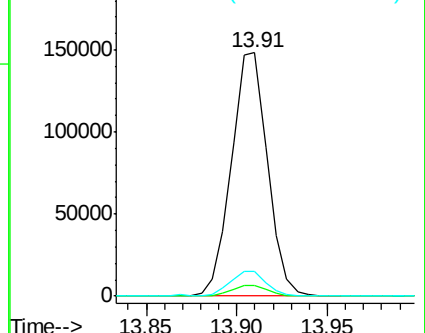
164 10.0 7.8 11.8

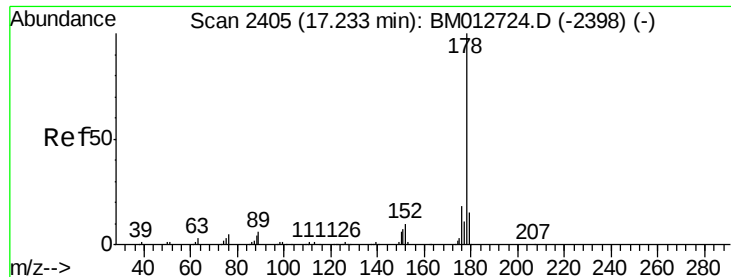


Abundance Ion 163.00 (162.70 to 163.70): BM012724.D (-1833) (-)

Ion 194.00 (193.70 to 194.70): BM012724.D (-1833) (-)

Ion 164.00 (163.70 to 164.70): BM012724.D (-1833) (-)





#69

Phenanthrene

Concen: 1.13 ng/ul

RT: 17.24 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

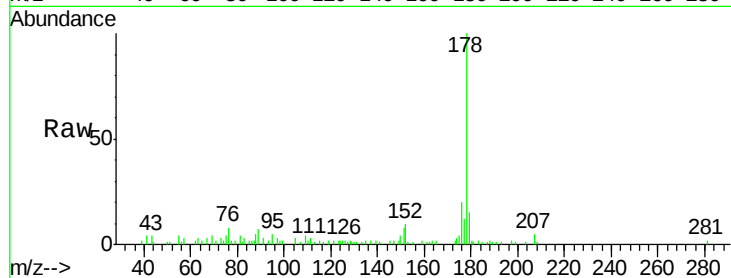
Tot Ion:178 Resp: 37529

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

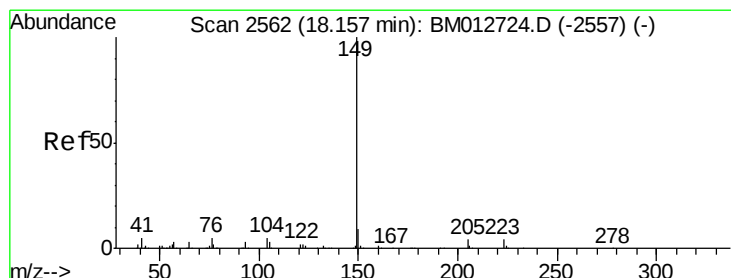
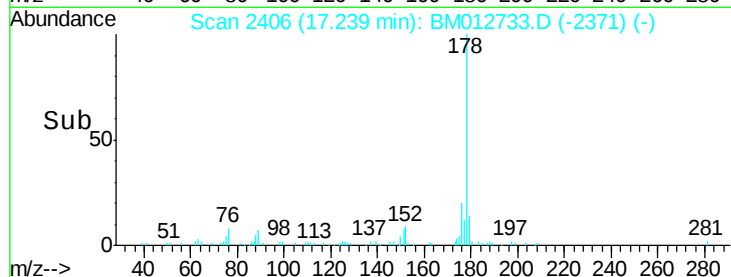
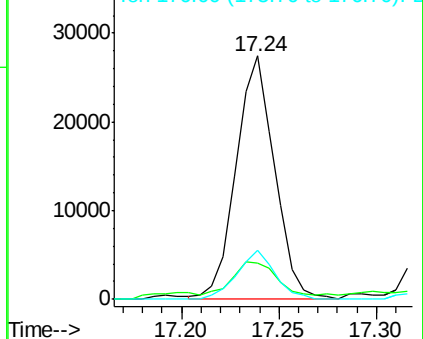
176 20.3 15.6 23.4



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



#75

Di-n-butylphthalate

Concen: 1.27 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

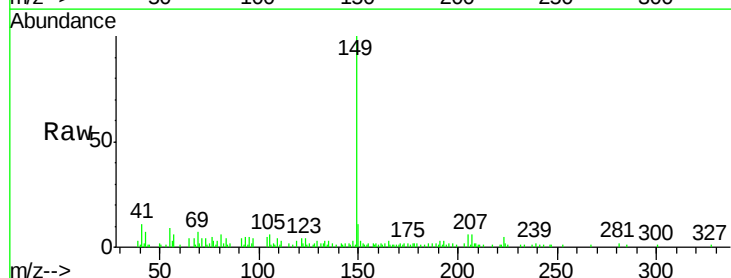
Tgt Ion:149 Resp: 42755

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.0

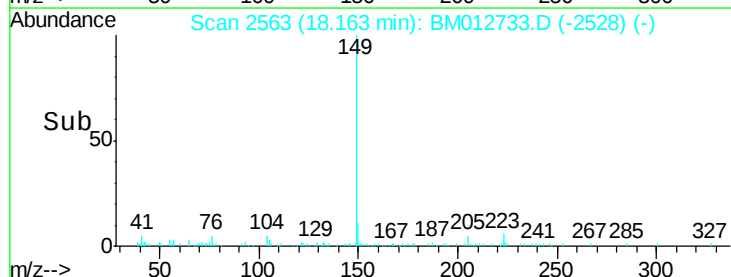
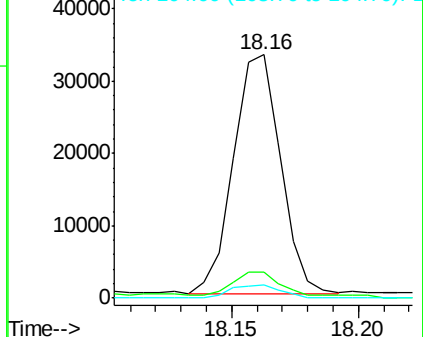
104 5.2 4.0 6.0

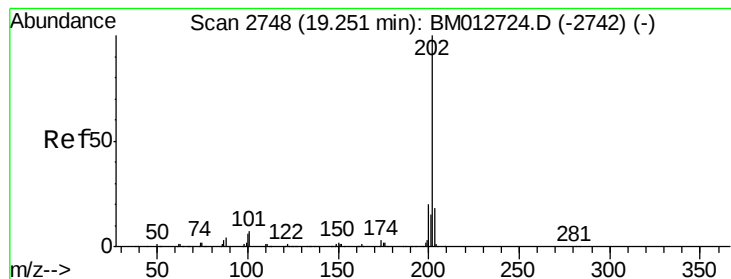


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 2.16 ng/ul

RT: 19.25 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

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ClientSampleId :

B-64(2.5-4.5)-101117

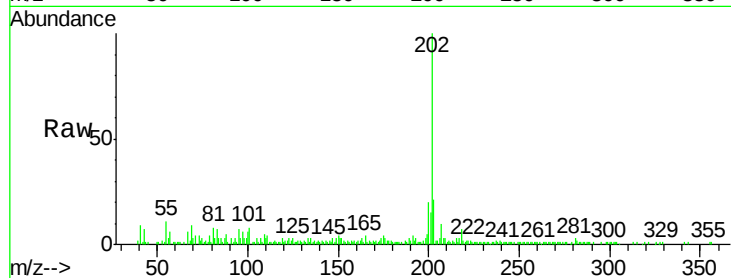
Tot Ion:202 Resp: 85809

Ion Ratio Lower Upper

202 100

101 8.2 8.8 13.2#

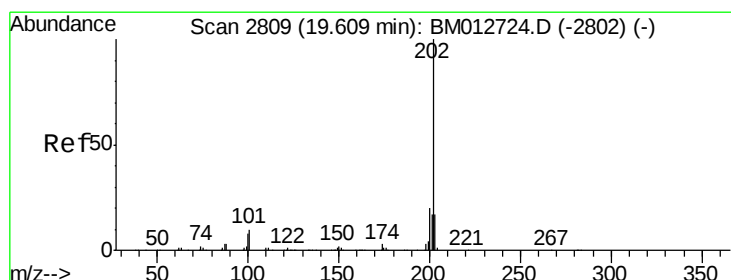
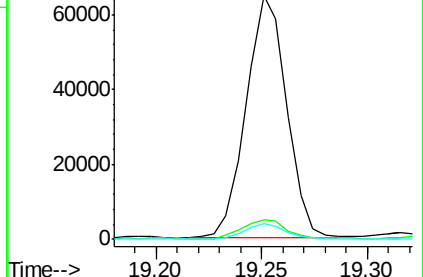
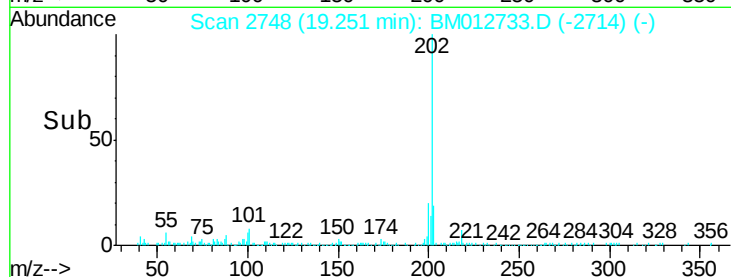
100 6.5 6.6 9.8#



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



#79

Pyrene

Concen: 2.86 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

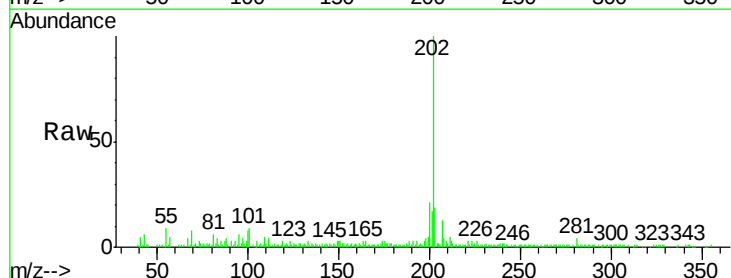
Tgt Ion:202 Resp: 98151

Ion Ratio Lower Upper

202 100

101 8.8 10.2 15.2#

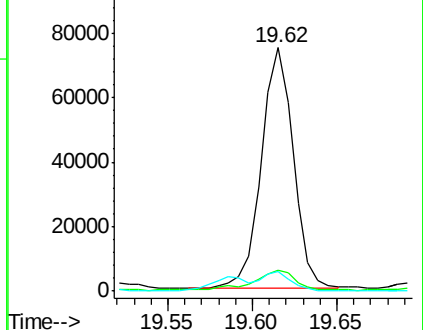
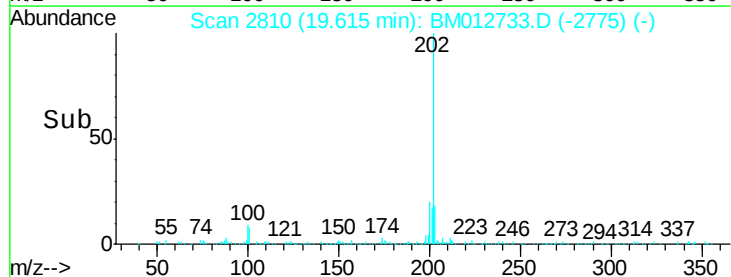
100 8.2 8.5 12.7#

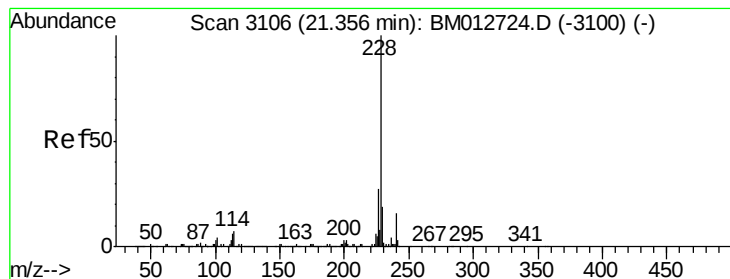


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.87 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

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ClientSampleId :

B-64(2.5-4.5)-101117

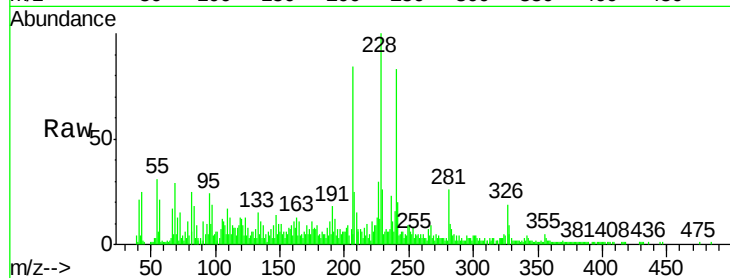
Tot Ion:228 Resp: 65091

Ion Ratio Lower Upper

228 100

229 25.7 15.7 23.5#

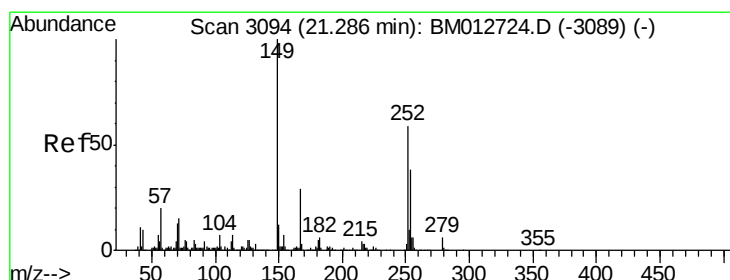
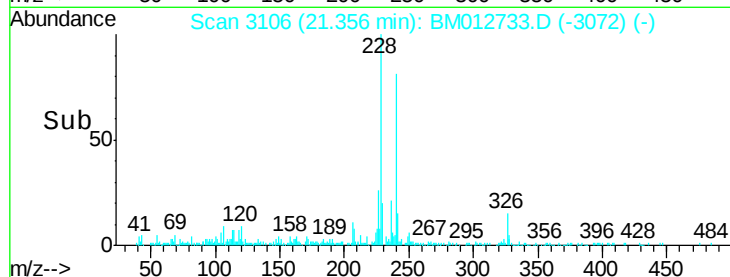
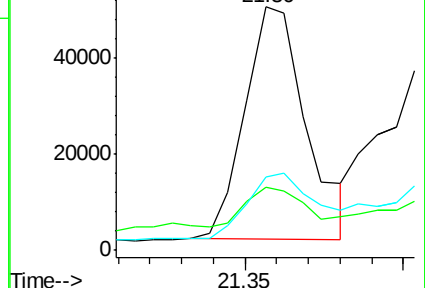
226 29.9 21.8 32.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.39 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

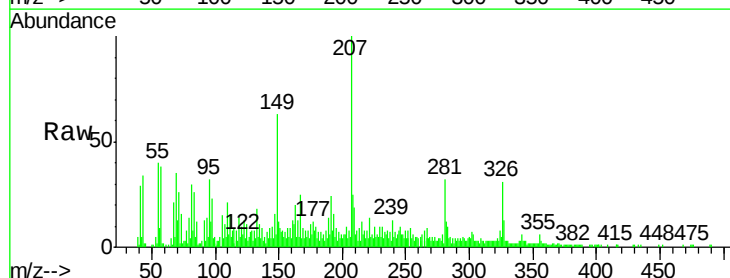
Tgt Ion:149 Resp: 25301

Ion Ratio Lower Upper

149 100

167 39.3 21.6 32.4#

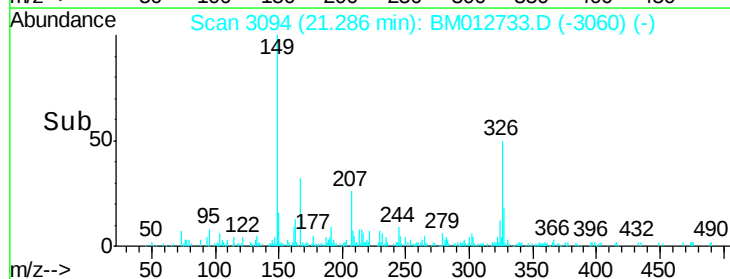
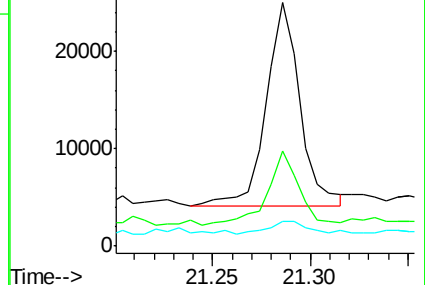
279 10.3 3.0 4.4#

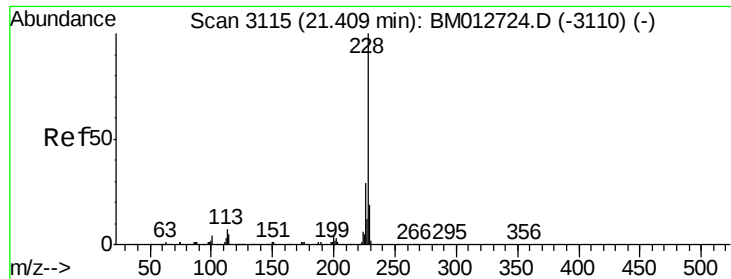


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.55 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

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B-64(2.5-4.5)-101117

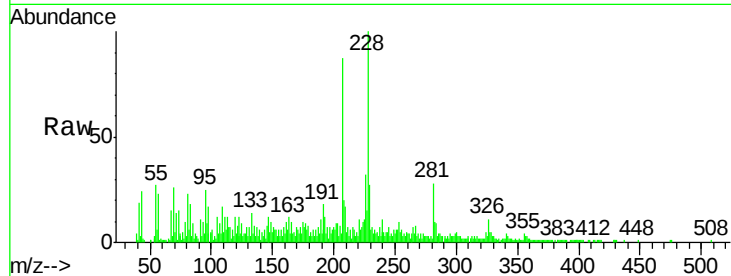
Tot Ion:228 Resp: 80278

Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

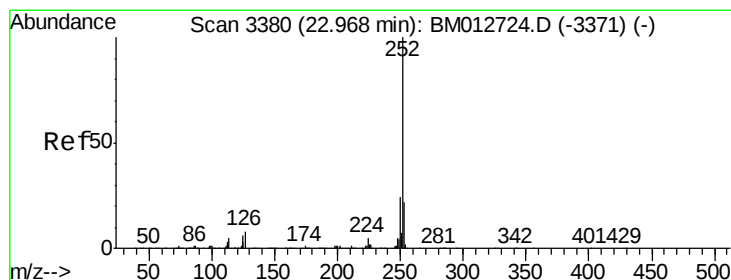
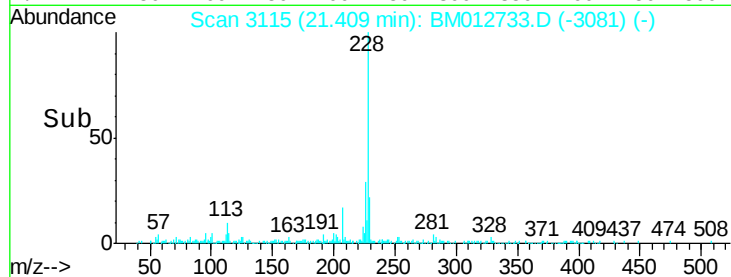
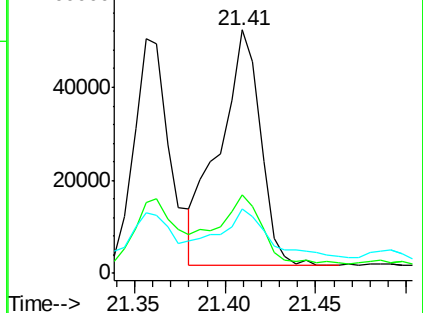
229 26.6 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 3.99 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

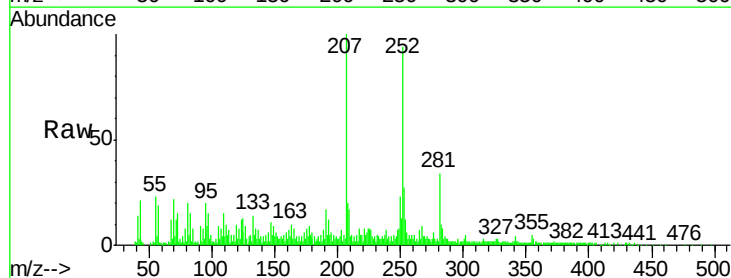
Tgt Ion:252 Resp: 156627

Ion Ratio Lower Upper

252 100

253 28.8 17.5 26.3#

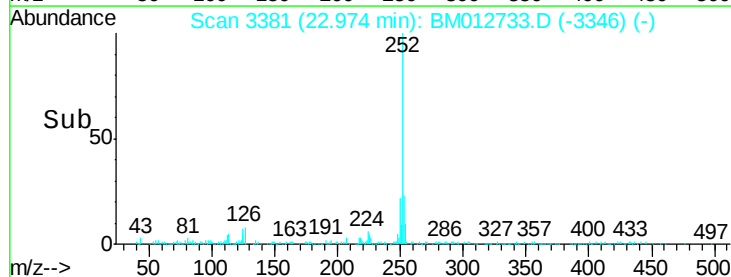
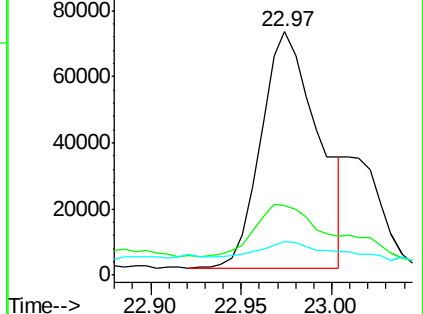
125 13.8 8.5 12.7#

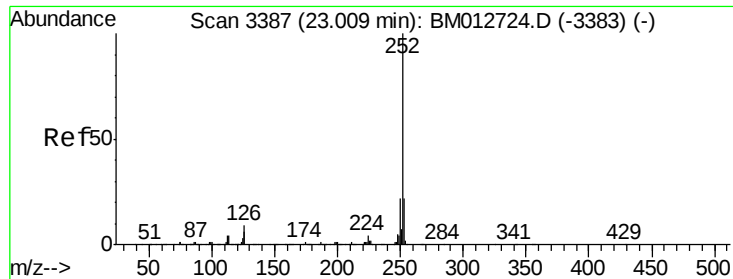


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.19 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

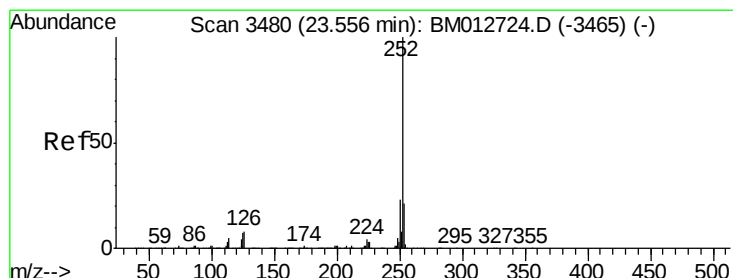
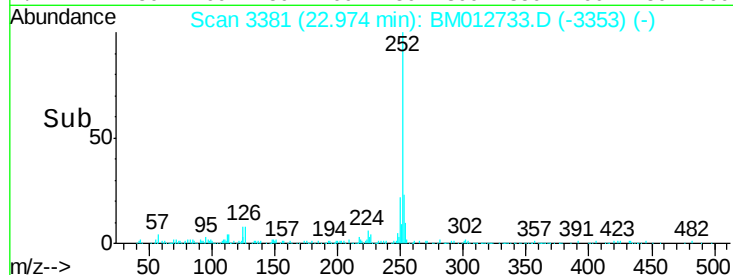
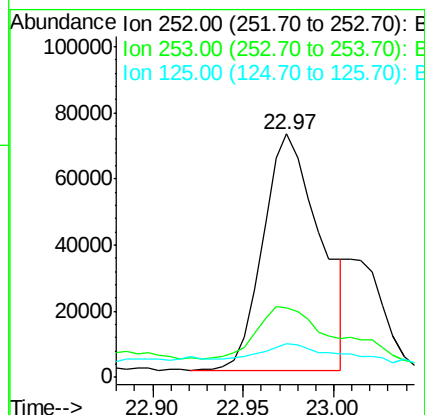
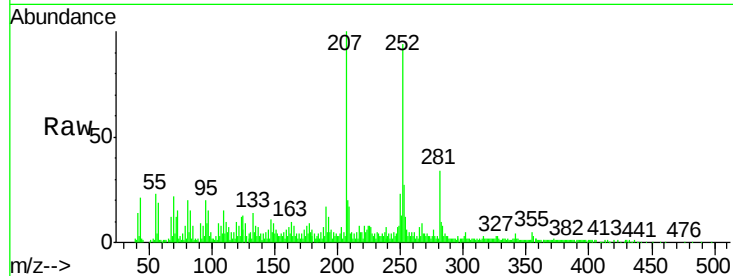
Tot Ion:252 Resp: 156627

Ion Ratio Lower Upper

252 100

253 28.8 17.3 25.9#

125 13.8 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 2.58 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

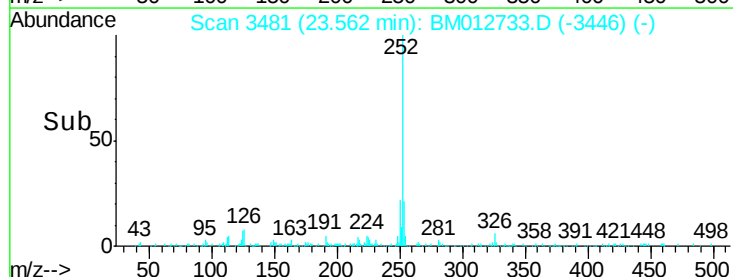
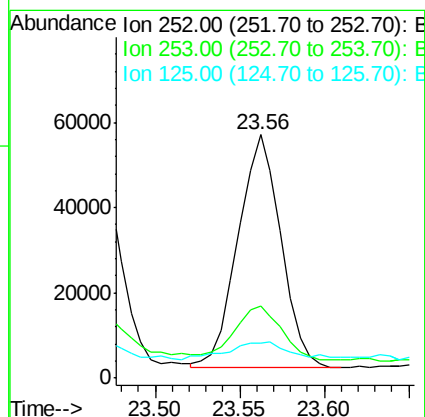
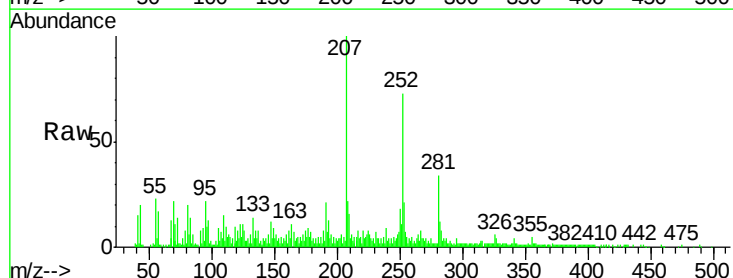
Tgt Ion:252 Resp: 96566

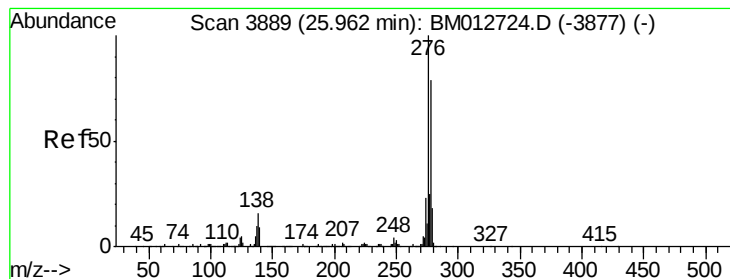
Ion Ratio Lower Upper

252 100

253 29.4 17.2 25.8#

125 14.5 9.0 13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.34 ng/ul

RT: 25.98 min Scan# 3892

Delta R.T. 0.02 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

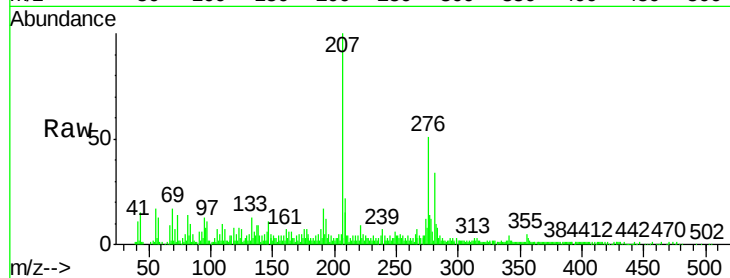
Tot Ion:276 Resp: 105467

Ion Ratio Lower Upper

276 100

138 17.0 22.3 33.5#

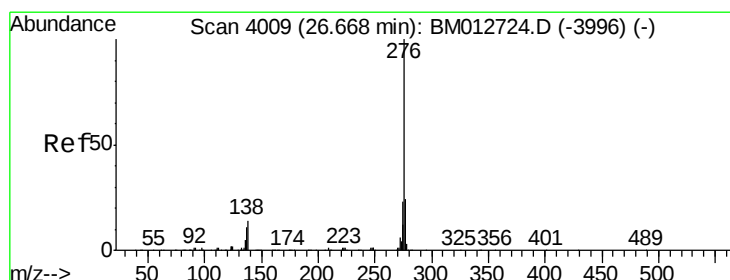
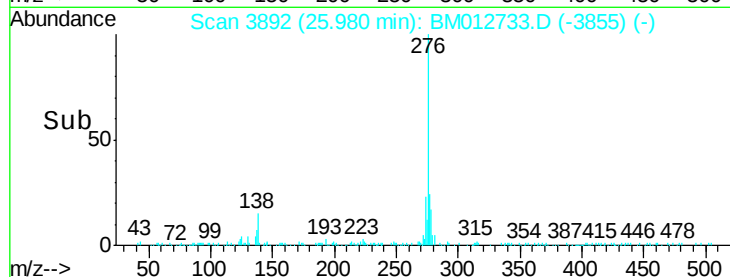
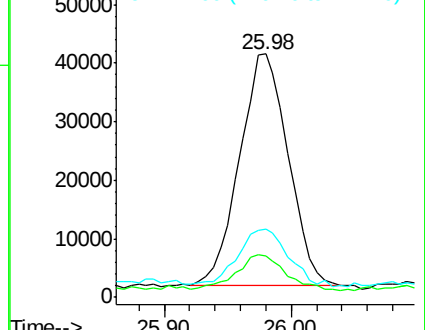
277 28.2 20.2 30.2



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



#93

Benzo(g,h,i)perylene

Concen: 3.16 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012733.D

Acq: 05 Nov 2017 06:39

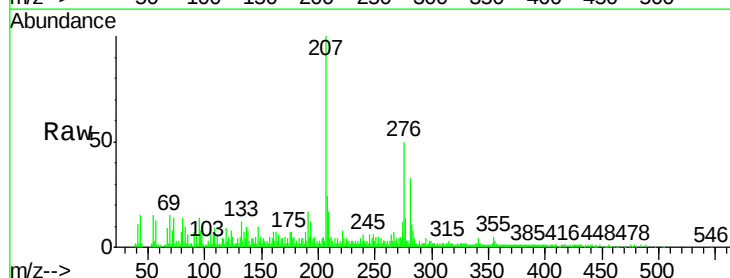
Tgt Ion:276 Resp: 117189

Ion Ratio Lower Upper

276 100

138 17.0 18.9 28.3#

277 28.1 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

