

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012735.D
 Acq On : 05 Nov 2017 07:50
 Operator : SJ/JU
 Sample : I5825-13 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117

Quant Time: Nov 06 03:29:25 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	112578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	435925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	257381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	555157	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	588101	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	628659	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2658	1.28	ng/uL	0.00
5) Phenol-d5	6.99	99	55370	6.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	31563	6.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	47311	6.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48659	6.73	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	23338	7.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	22234	6.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	48300	6.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	35301	4.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	162861	7.65	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	200222	7.60	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	143736	7.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	214637	8.00	ng/ul	0.00
78) Pyrene-d10	19.59	212	229915	8.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	233888	7.87	ng/ul	0.01

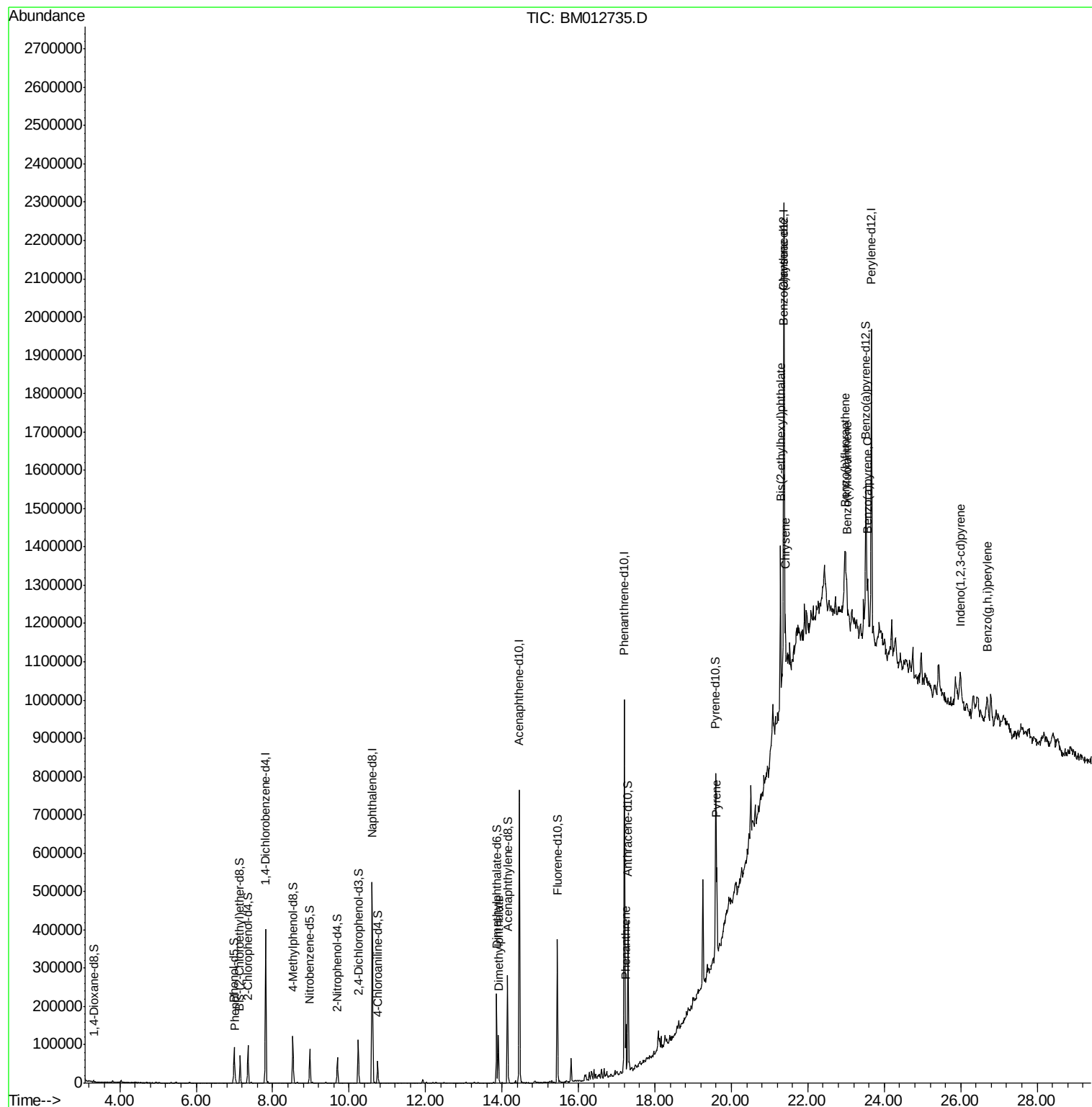
Target Compounds				Ovalue		
6) Phenol	7.02	94	9662	1.12	ng/ul	95
44) Dimethylphthalate	13.90	163	82857	3.92	ng/ul	99
69) Phenanthrene	17.24	178	71646	2.36	ng/ul	99
79) Pyrene	19.62	202	142778	4.07	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	71834	2.02	ng/ul#	88
83) Bis(2-ethylhexyl)phthalate	21.29	149	139295	7.47	ng/ul#	96
84) Chrysene	21.42	228	88256	2.74	ng/ul#	92
87) Benzo(b)fluoranthene	22.98	252	137769	3.59	ng/ul#	82
88) Benzo(k)fluoranthene	23.02	252	40241	1.10	ng/ul#	74
90) Benzo(a)pyrene	23.57	252	84385	2.31	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	25.99	276	75320	1.71	ng/ul#	88
93) Benzo(g,h,i)perylene	26.69	276	71103	1.96	ng/ul#	85

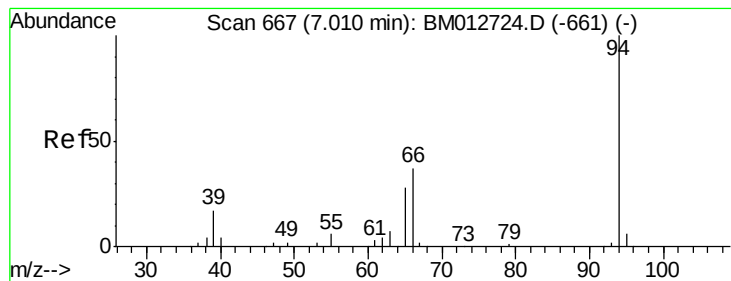
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.12 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117

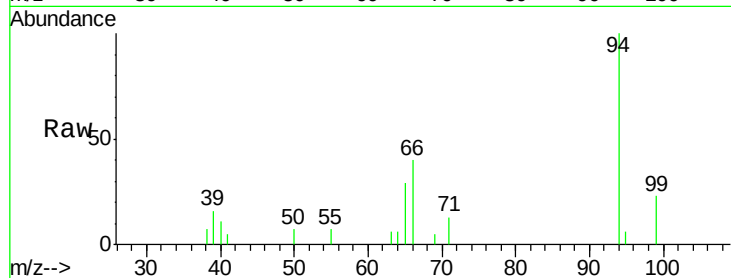
Tot Ion: 94 Resp: 9662

Ion Ratio Lower Upper

94 100

65 29.2 21.0 31.6

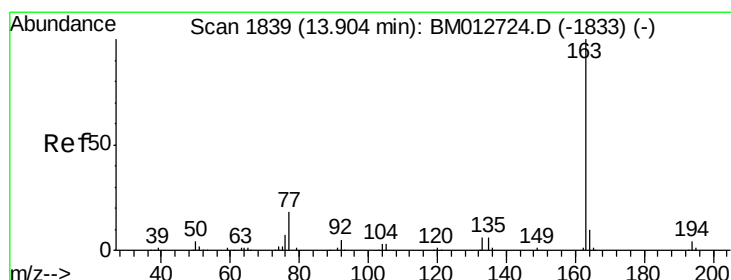
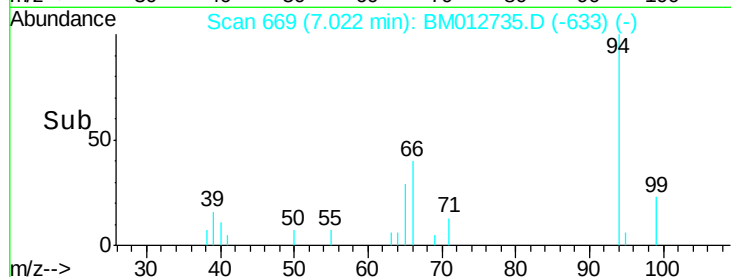
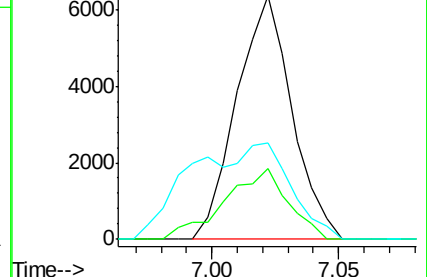
66 39.7 29.3 43.9



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: 3.92 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

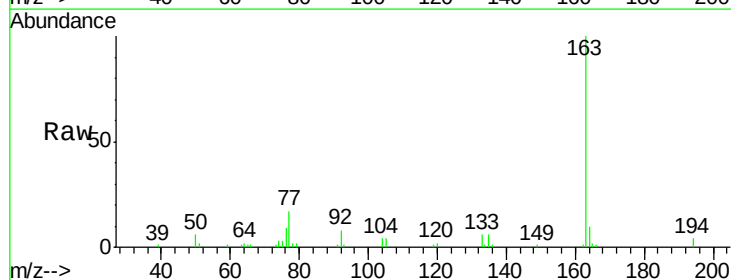
Tgt Ion: 163 Resp: 82857

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

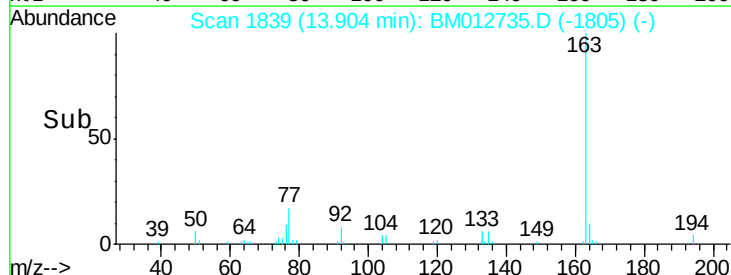
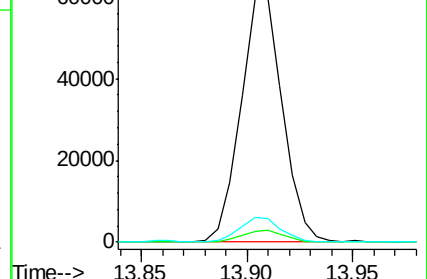
164 10.3 7.8 11.8

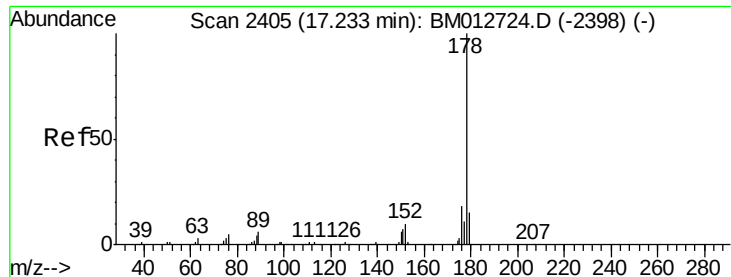


Abundance Ion 163.00 (162.70 to 163.70): BM012724.D (-1833) (-)

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: 2.36 ng/ul

RT: 17.24 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

Instrument :

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ClientSampleId :

B-19(0-1)-101117

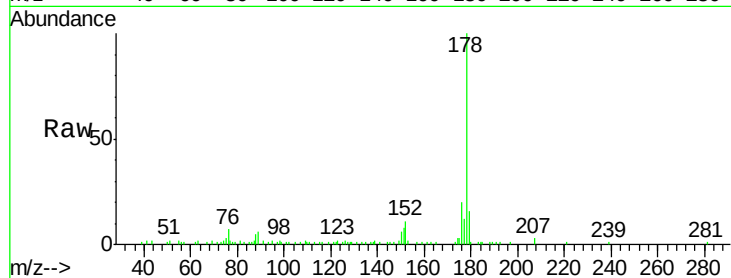
Tot Ion:178 Resp: 71646

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

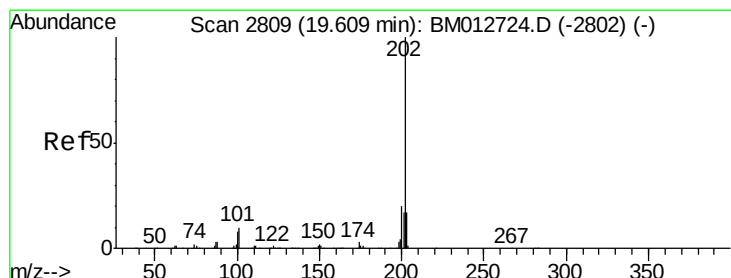
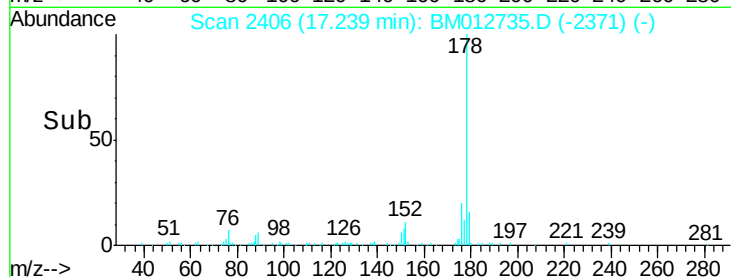
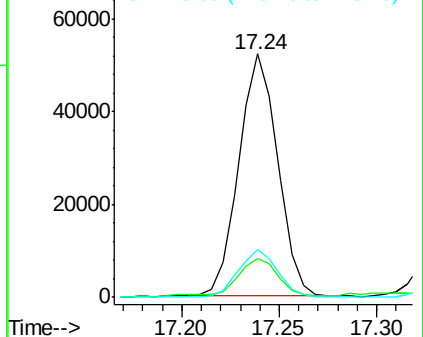
176 19.6 15.6 23.4



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



#79

Pyrene

Concen: 4.07 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

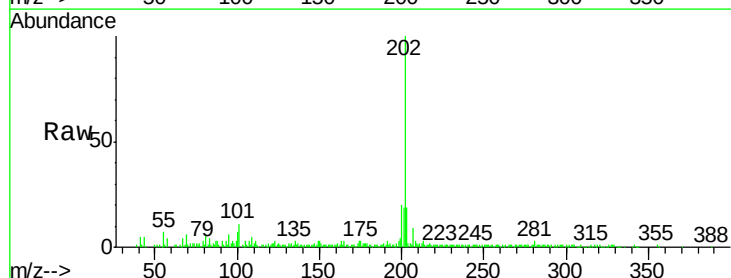
Tgt Ion:202 Resp: 142778

Ion Ratio Lower Upper

202 100

101 10.8 10.2 15.2

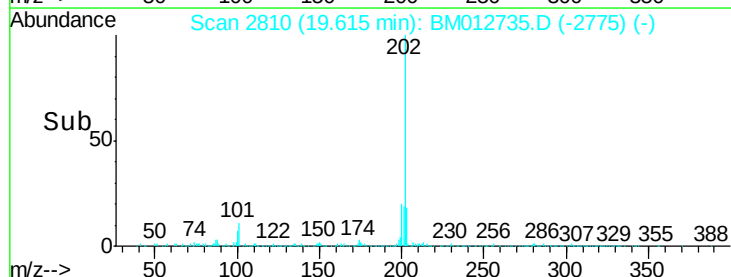
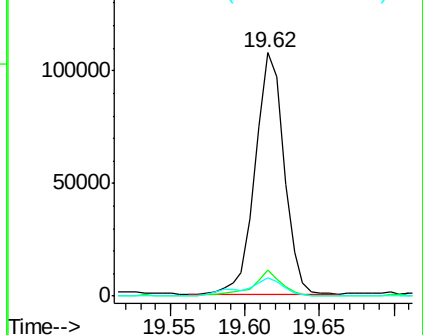
100 7.4 8.5 12.7#

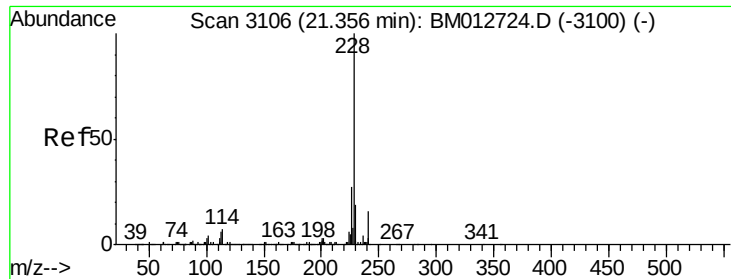


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.02 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117

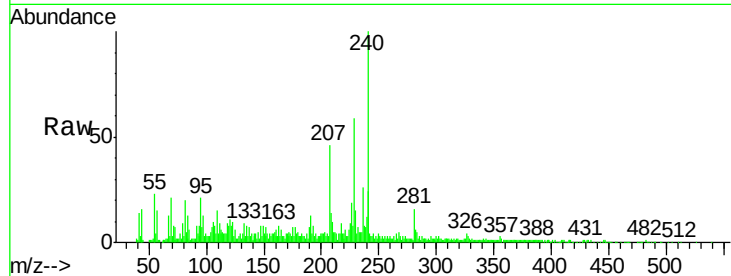
Tot Ion:228 Resp: 71834

Ion Ratio Lower Upper

228 100

229 25.4 15.7 23.5#

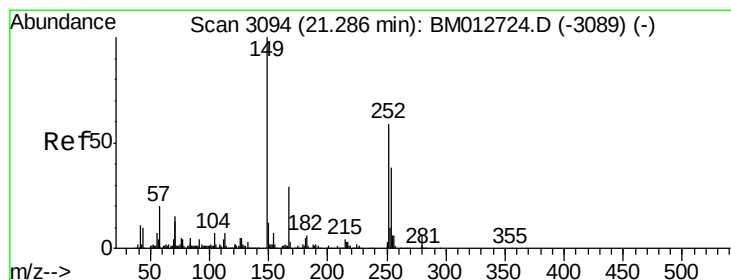
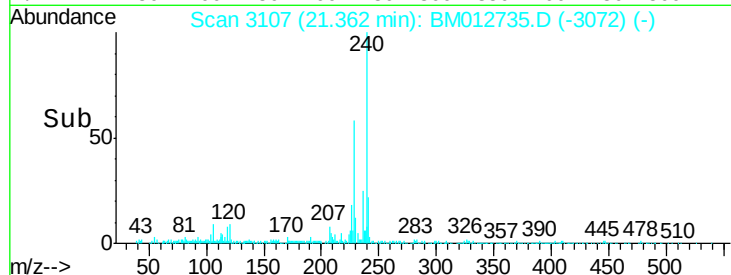
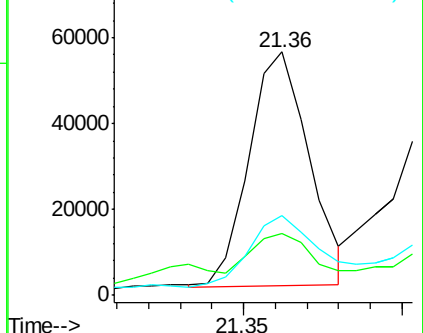
226 32.8 21.8 32.6#



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: 7.47 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

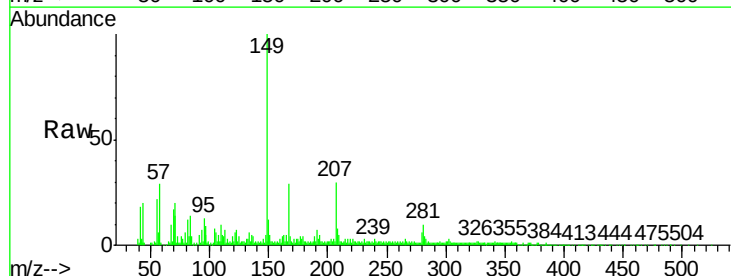
Tgt Ion:149 Resp: 139295

Ion Ratio Lower Upper

149 100

167 28.7 21.6 32.4

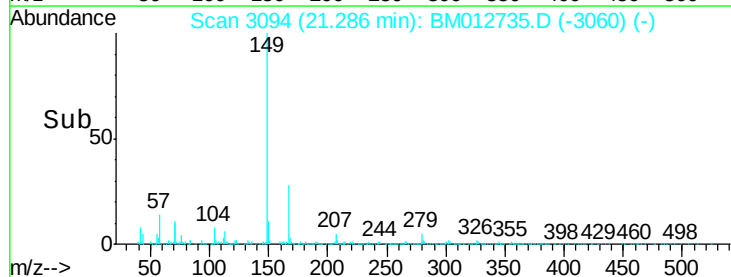
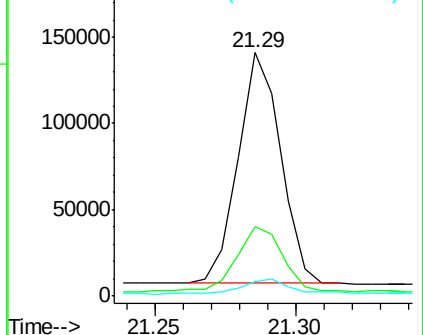
279 6.1 3.0 4.4#

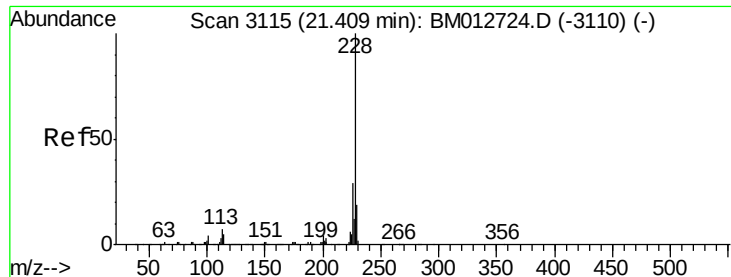


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.74 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

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B-19(0-1)-101117

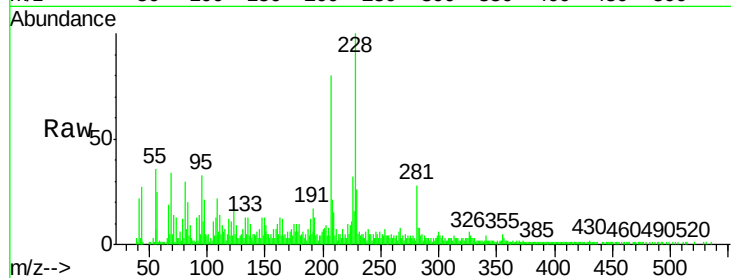
Tot Ion:228 Resp: 88256

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

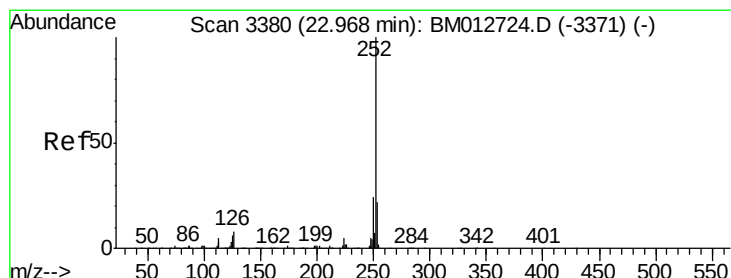
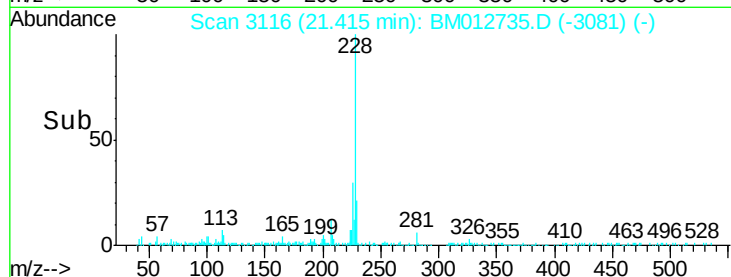
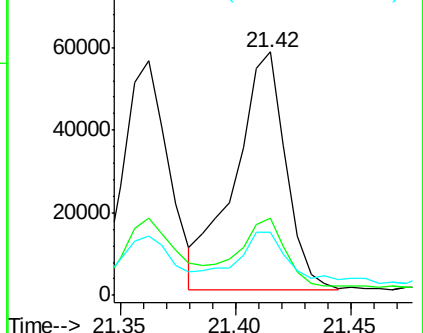
229 25.9 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 3.59 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

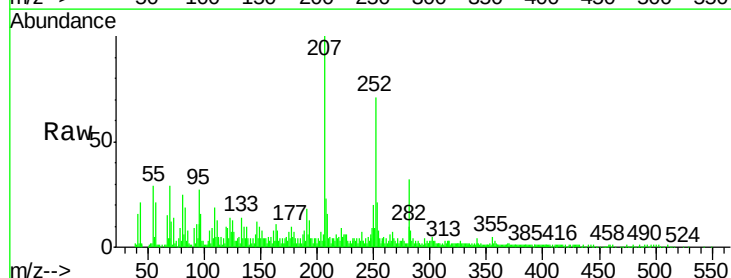
Tgt Ion:252 Resp: 137769

Ion Ratio Lower Upper

252 100

253 29.8 17.5 26.3#

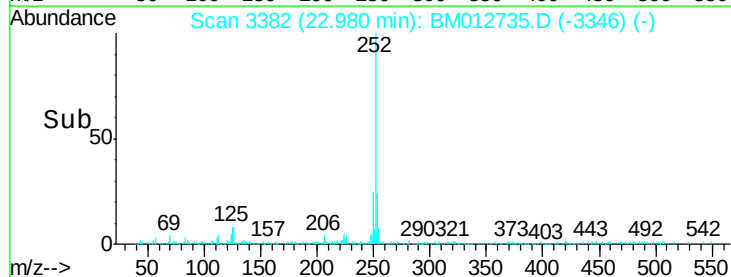
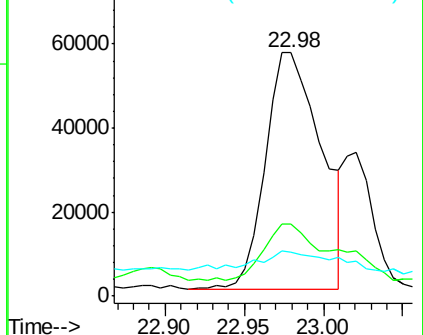
125 18.3 8.5 12.7#

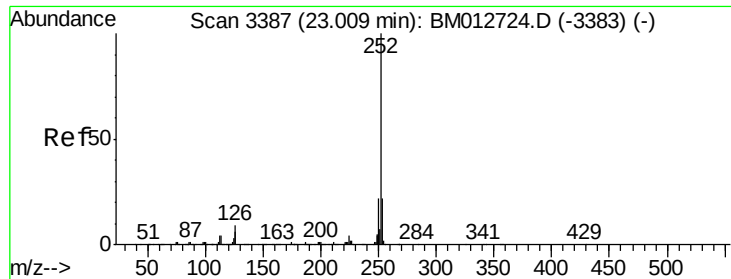


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.10 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM012735.D

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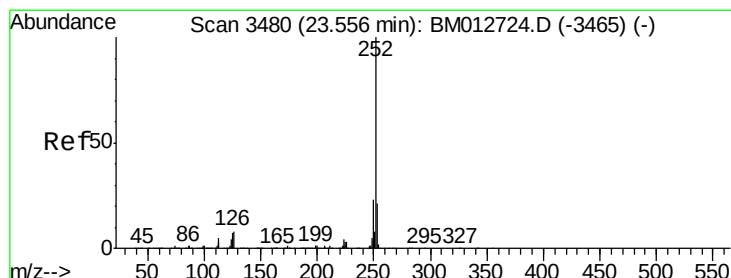
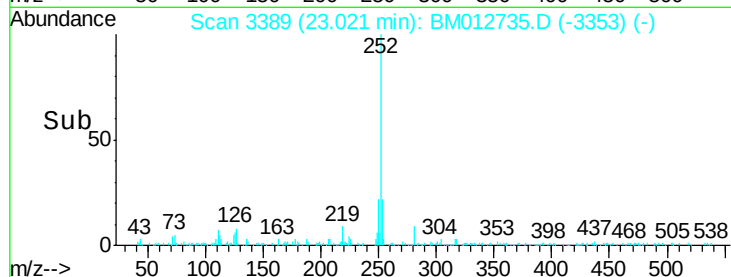
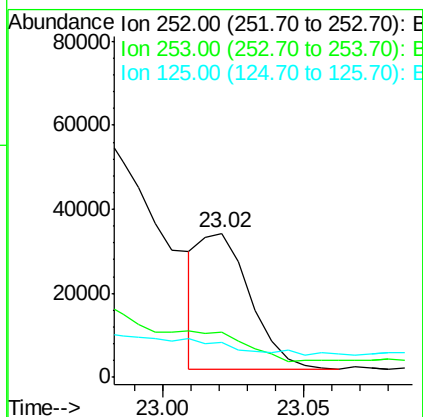
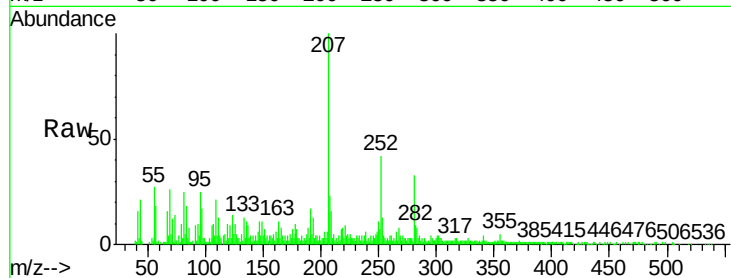
Tot Ion:252 Resp: 40241

Ion Ratio Lower Upper

252 100

253 31.2 17.3 25.9#

125 24.0 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 2.31 ng/ul

RT: 23.57 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

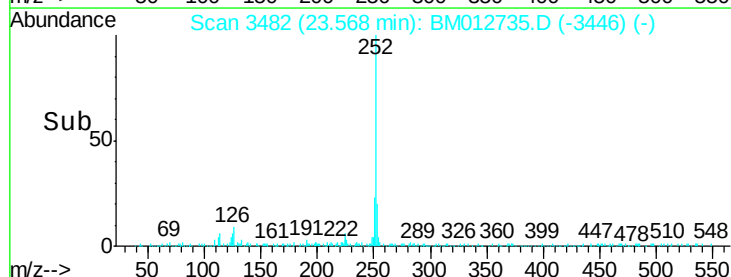
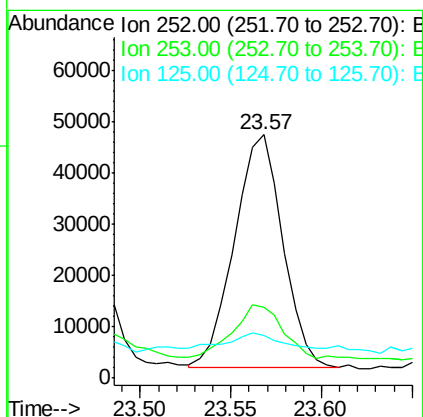
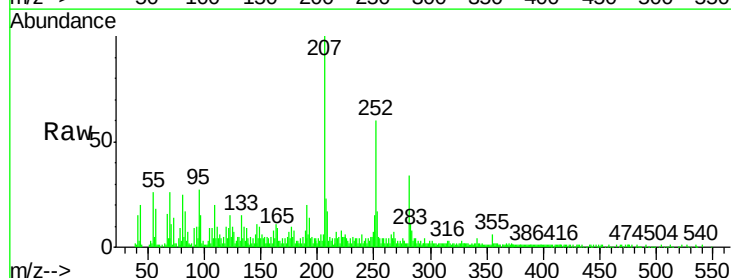
Tgt Ion:252 Resp: 84385

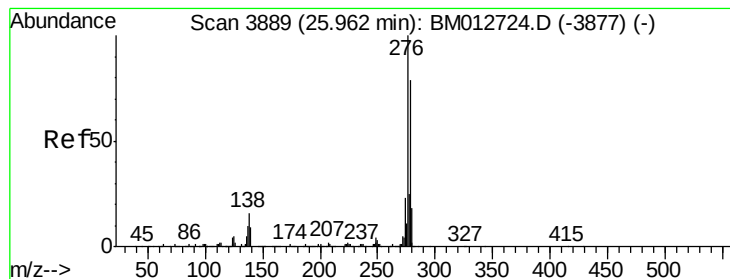
Ion Ratio Lower Upper

252 100

253 29.2 17.2 25.8#

125 17.3 9.0 13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.71 ng/ul

RT: 25.99 min Scan# 3893

Delta R.T. 0.02 min

Lab File: BM012735.D

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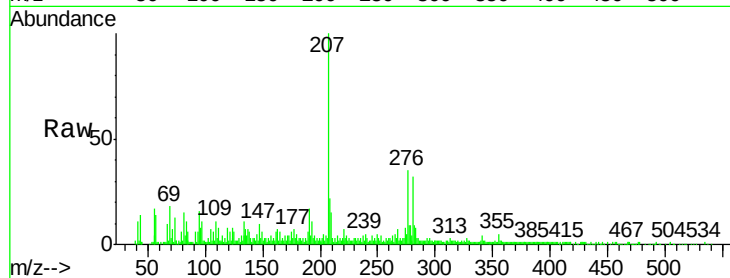
Tot Ion:276 Resp: 75320

Ion Ratio Lower Upper

276 100

138 17.3 22.3 33.5#

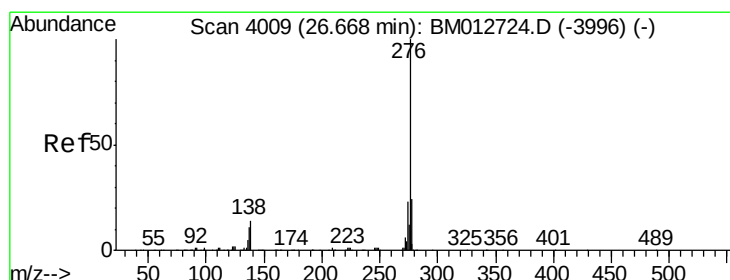
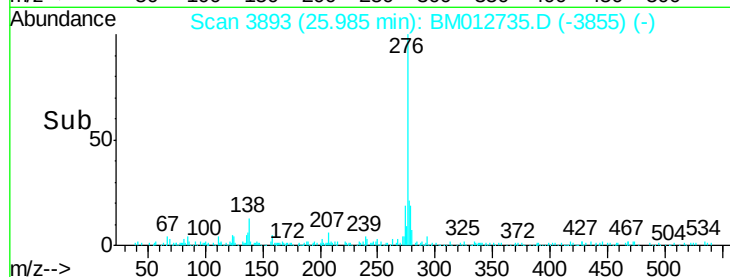
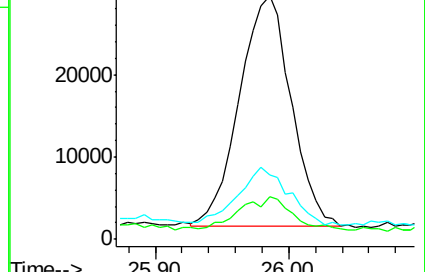
277 26.7 20.2 30.2



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: 1.96 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012735.D

Acq: 05 Nov 2017 07:50

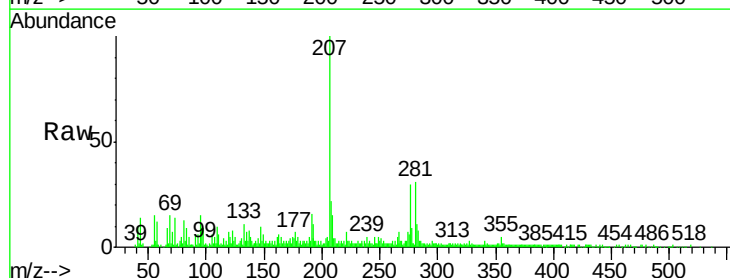
Tgt Ion:276 Resp: 71103

Ion Ratio Lower Upper

276 100

138 15.4 18.9 28.3#

277 30.7 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

