

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014405.D
 Acq On : 28 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1646-07 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X1DL

Quant Time: Feb 28 17:40:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	92959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	402665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	235644	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	494570	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	446995	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	434428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1525	0.70	ng/uL	0.00
5) Phenol-d5	6.73	99	27915	3.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	17632	3.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	24876	4.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	19214	2.79	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	5443	1.83	ng/ul	0.01
22) 2-Nitrophenol-d4	9.41	143	11824	3.84	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.05	165	2002	0.31	ng/ul	0.12
29) 4-Chloroaniline-d4	10.49	131	7640	1.22	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	86146	4.43	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	104621	4.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	665	0.25	ng/ul	0.06
57) Fluorene-d10	15.18	176	70987	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	869	0.29	ng/ul	0.04
70) Anthracene-d10	17.04	188	109172	4.58	ng/ul	0.00
76) Pyrene-d10	19.34	212	121073	5.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	97200	4.60	ng/ul	0.00

Target Compounds

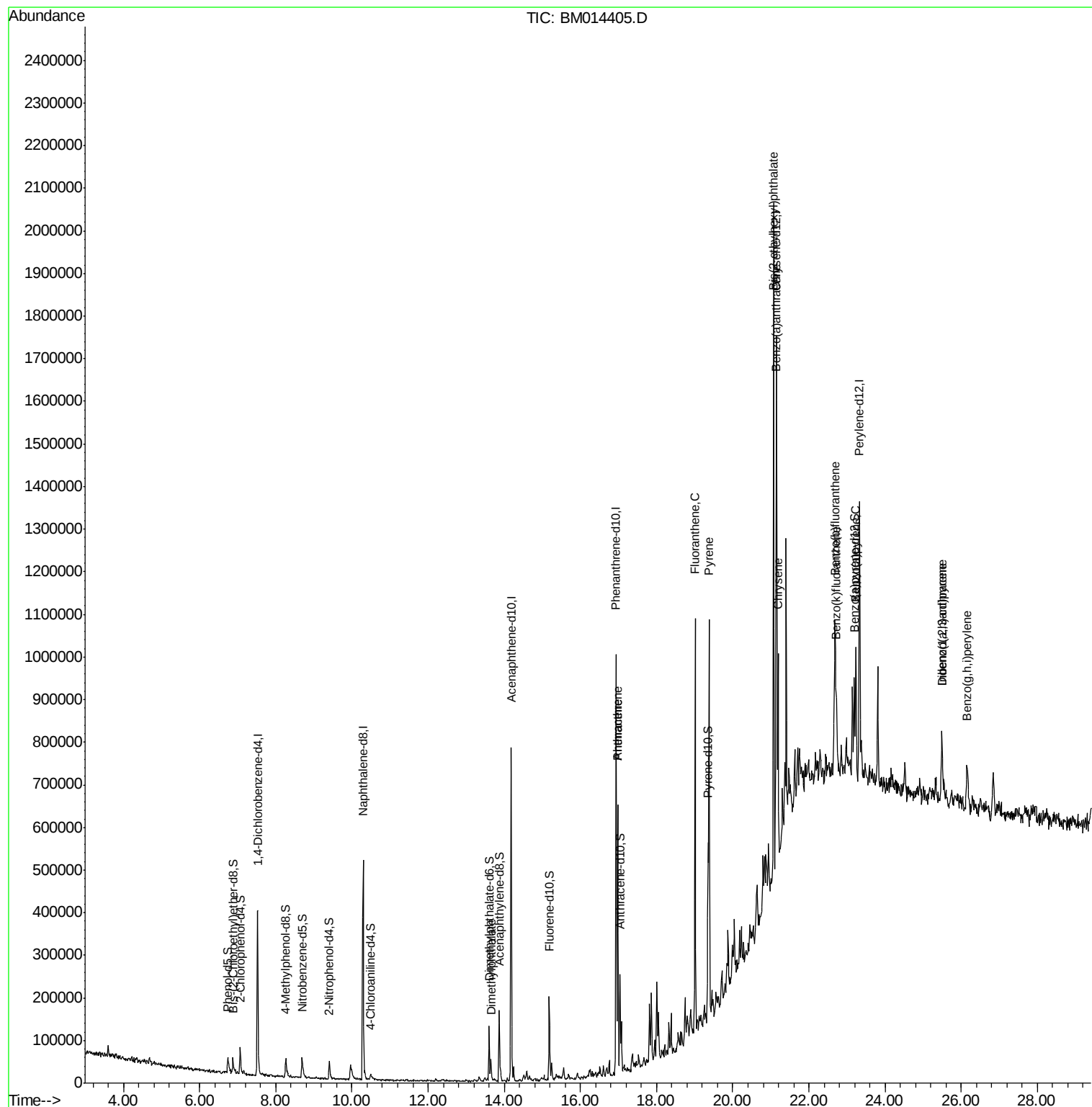
					Ovalue	
44) Dimethylphthalate	13.65	163	27934	1.456	ng/ul#	95
69) Phenanthrene	16.98	178	348177	12.219	ng/ul	98
71) Anthracene	16.98	178	348177	12.150	ng/ul	99
74) Fluoranthene	19.01	202	529590	15.556	ng/ul#	93
77) Pyrene	19.38	202	556552	18.735	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	257318	9.224	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	487293	27.701	ng/ul#	94
82) Chrysene	21.19	228	250971	9.644	ng/ul	95
85) Benzo(b)fluoranthene	22.69	252	271407	9.330	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	101575	3.673	ng/ul#	94
88) Benzo(a)pyrene	23.23	252	208404	8.018	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.50	276	136279	5.403	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.49	278	30604	1.460	ng/ul#	86
91) Benzo(g,h,i)perylene	26.16	276	110735	5.419	ng/ul	94

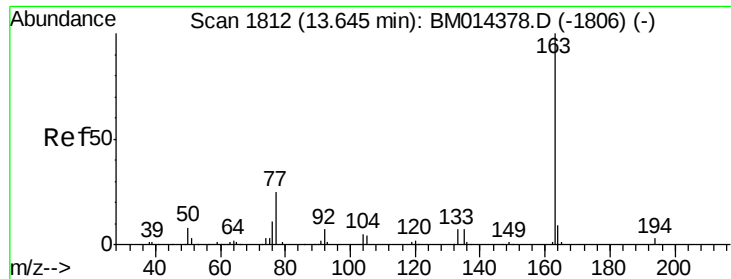
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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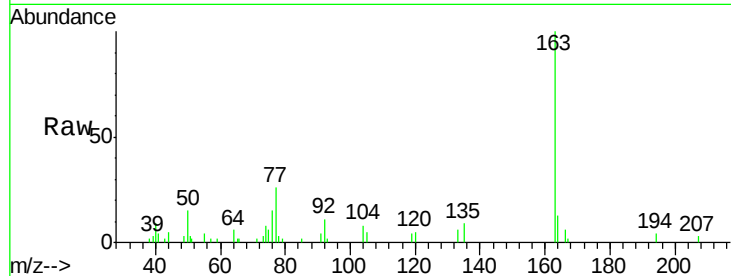




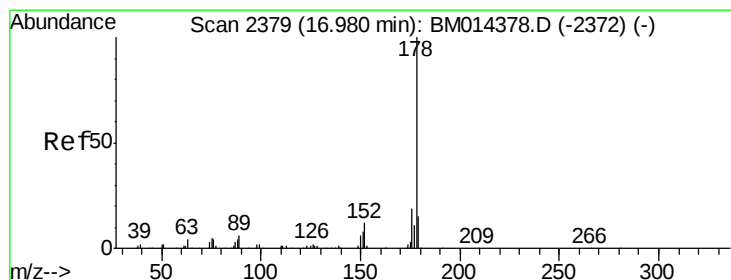
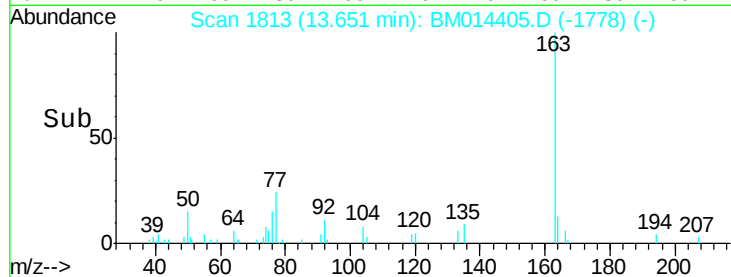
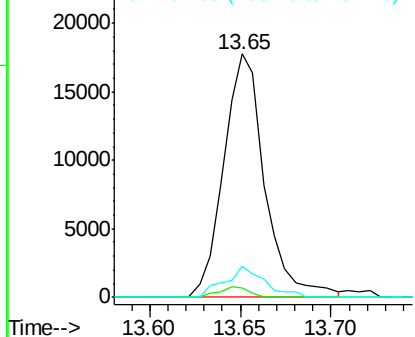
#44
 Dimethylphthalate
 Concen: 1.456 ng/ul
 RT: 13.65 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

Instrument :
 BNA_M
 ClientSampleId :
 BE5X1DL

Tot Ion:163 Resp: 27934
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 12.7 8.2 12.4#

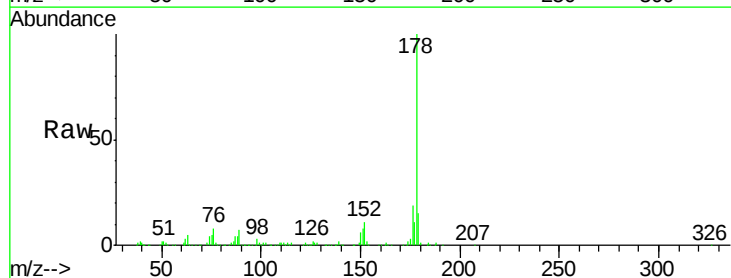


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

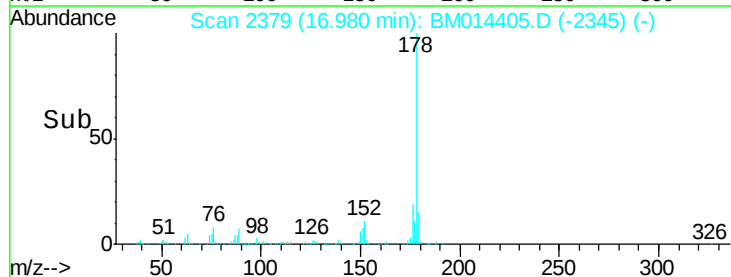
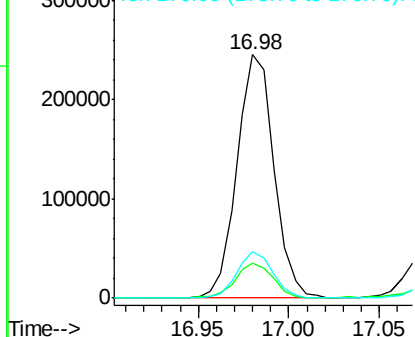


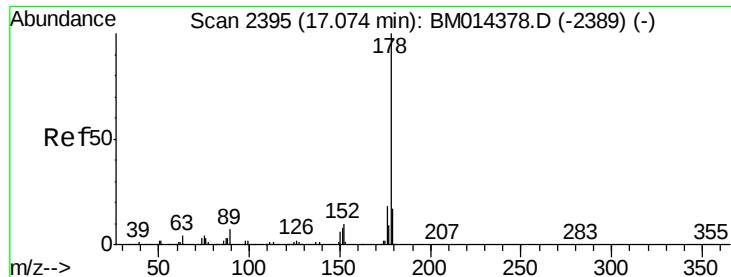
#69
 Phenanthrene
 Concen: 12.219 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

Tgt Ion:178 Resp: 348177
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.6 19.0
 176 19.2 14.9 22.3



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

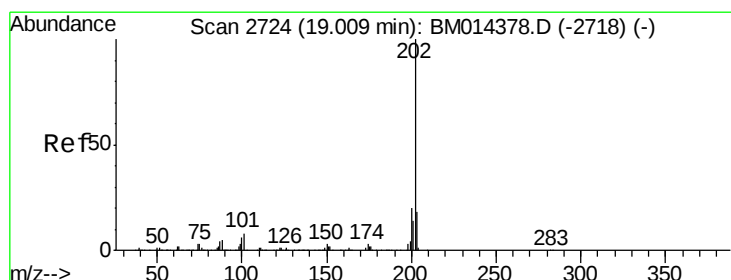
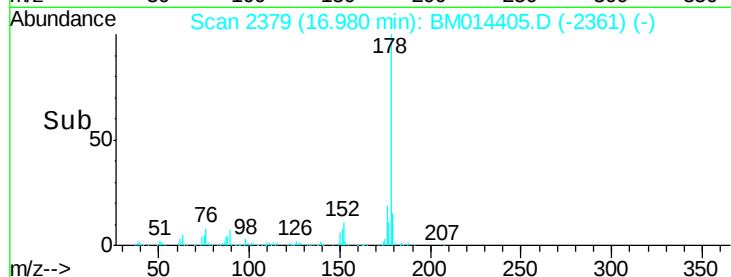
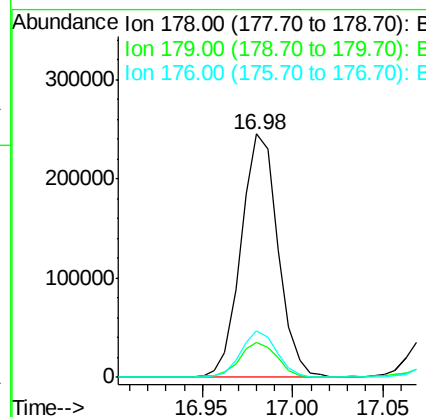
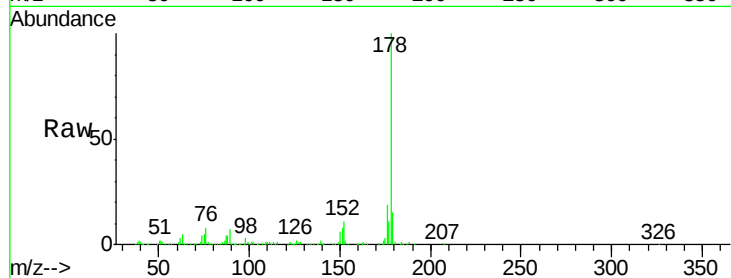




#71
 Anthracene
 Concen: 12.150 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.09 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

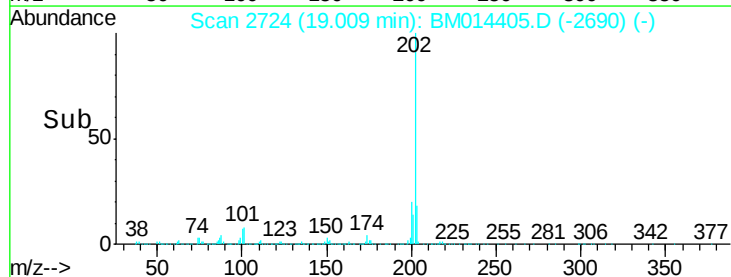
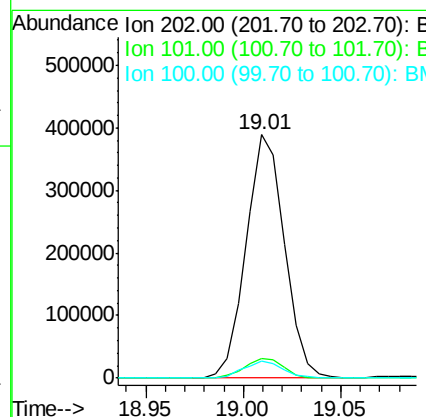
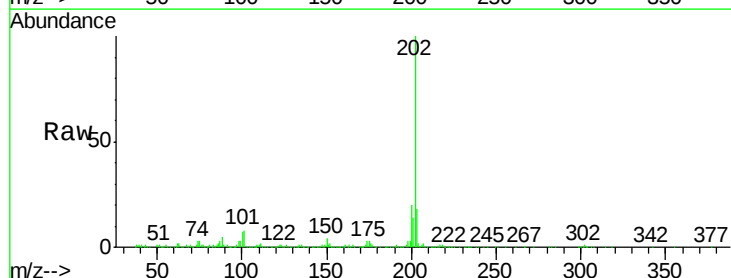
Instrument :
 BNA_M
 ClientSampleId :
 BE5X1DL

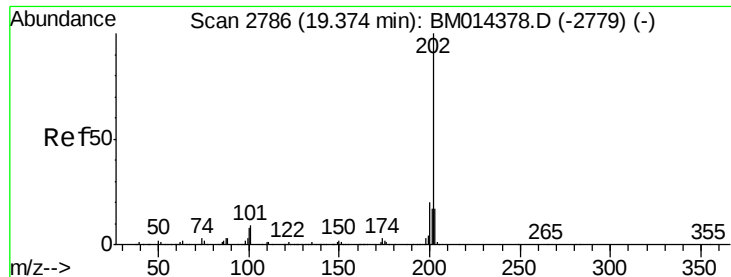
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	19.2	14.6	21.8



#74
 Fluoranthene
 Concen: 15.556 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.8	3.4	5.2#





#77

Pvrene

Concen: 18.735 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

Instrument :

BNA_M

ClientSampleId :

BE5X1DL

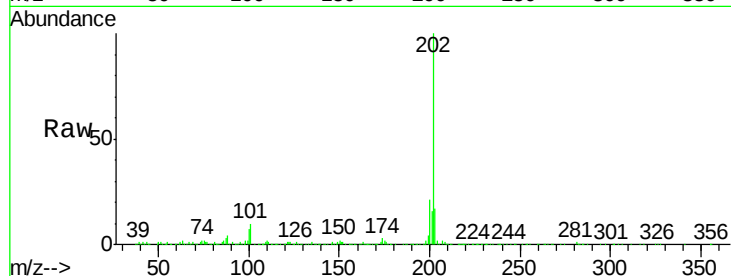
Tot Ion:202 Resp: 556552

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

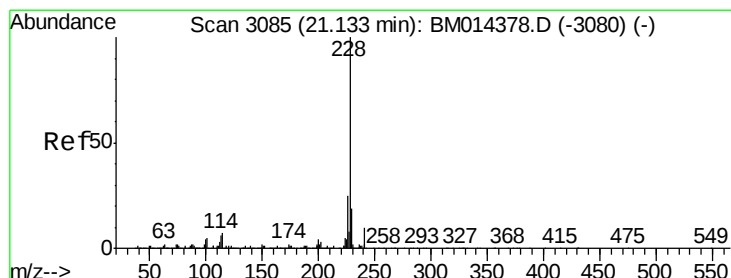
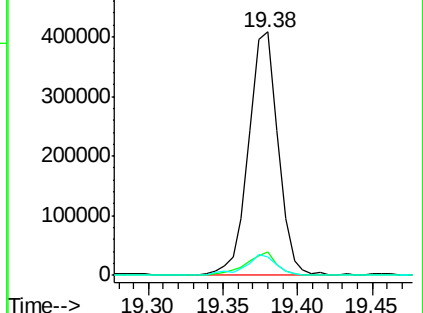
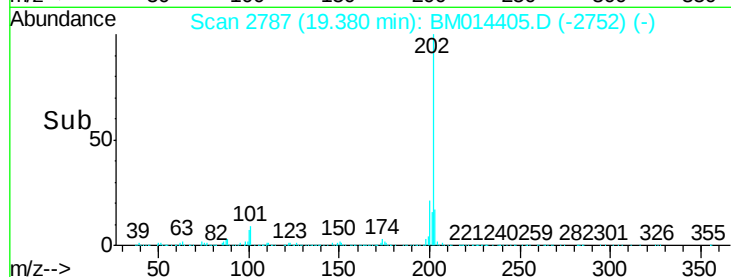
100 7.5 4.9 7.3#



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

Benzo(a)anthracene

Concen: 9.224 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

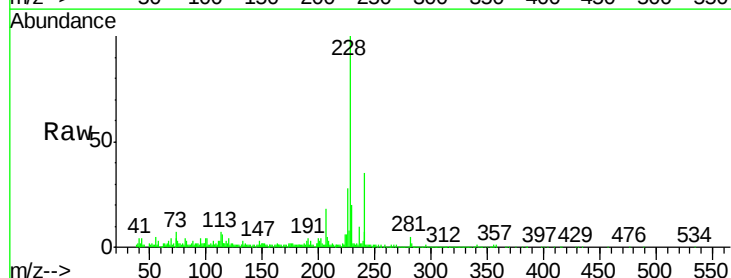
Tgt Ion:228 Resp: 257318

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

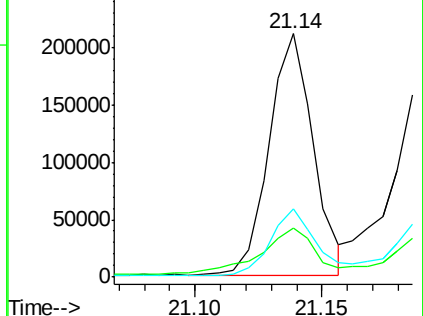
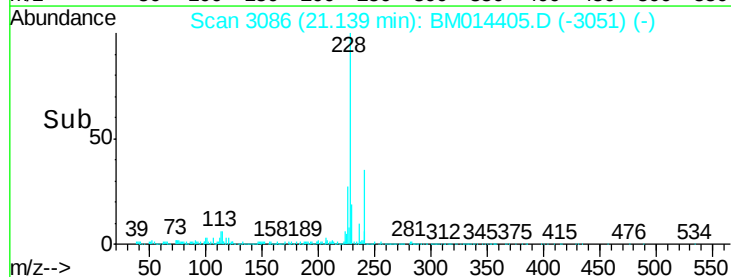
226 27.8 21.4 32.0

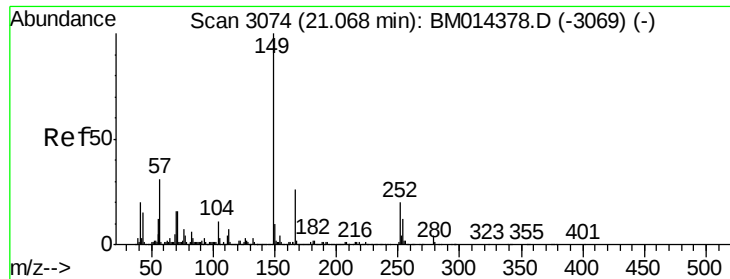


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

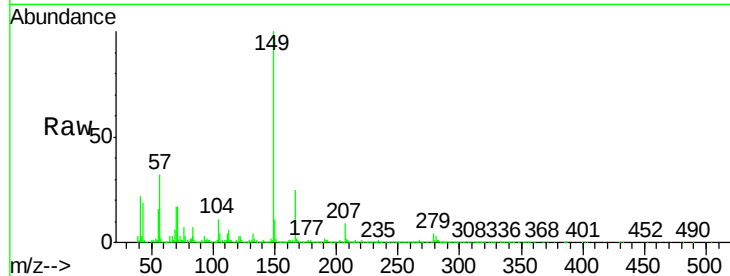




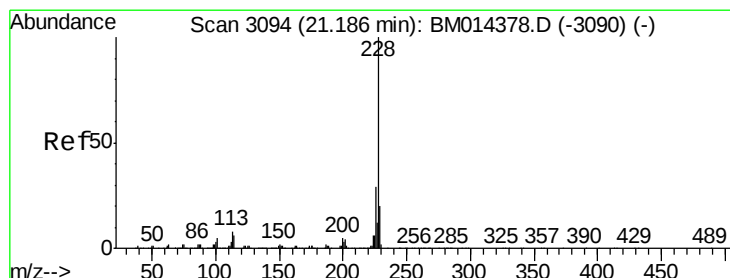
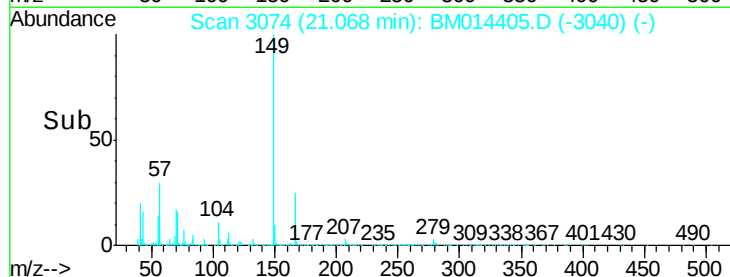
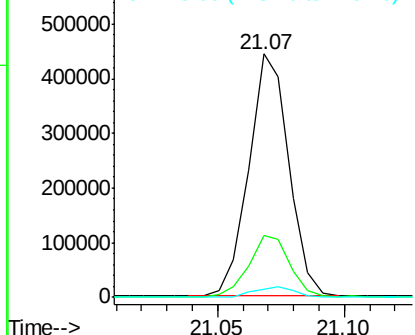
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 27.701 ng/ul
 RT: 21.07 min Scan# 3074
 Delta R.T. -0.00 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

Instrument :
 BNA_M
 ClientSampled :
 BE5X1DL

Tot Ion:149 Resp: 487293
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.8 34.2
 279 3.6 4.9 7.3#

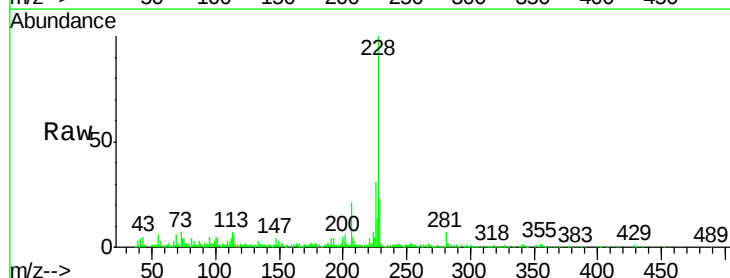


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

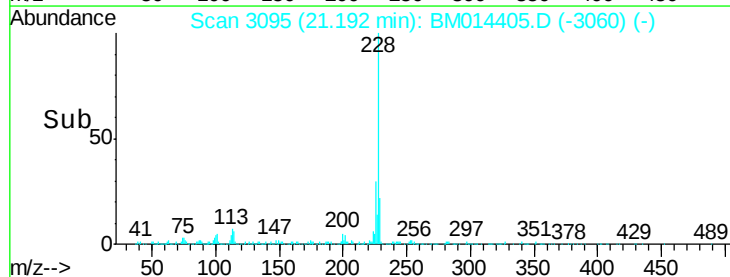
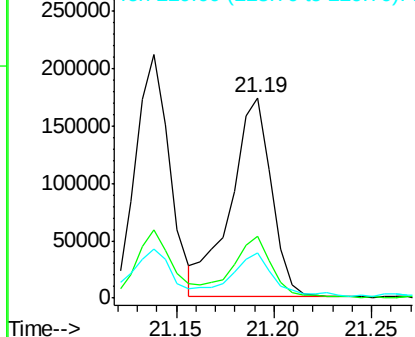


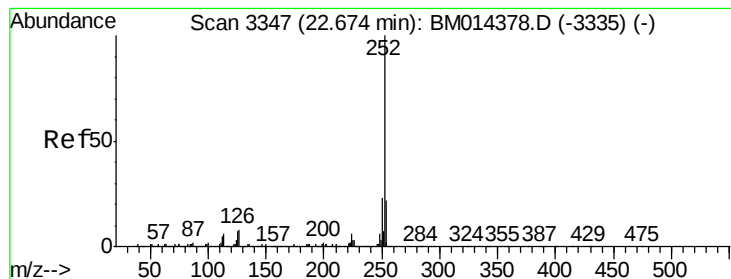
#82
 Chrysene
 Concen: 9.644 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM014405.D
 Acq: 28 Feb 2018 15:49

Tgt Ion:228 Resp: 250971
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.4 35.2
 229 22.8 15.5 23.3



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





#85

Benzo(b)fluoranthene

Concen: 9.330 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014405.D

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Instrument :

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ClientSampleId :

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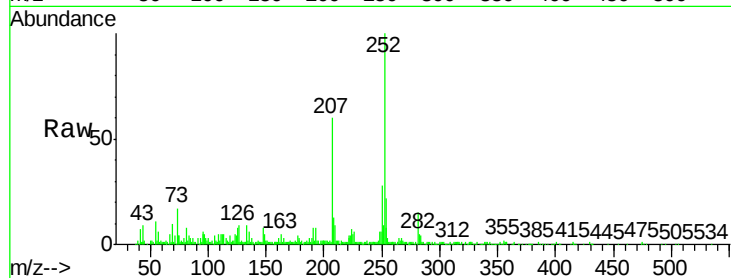
Tot Ion:252 Resp: 271407

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

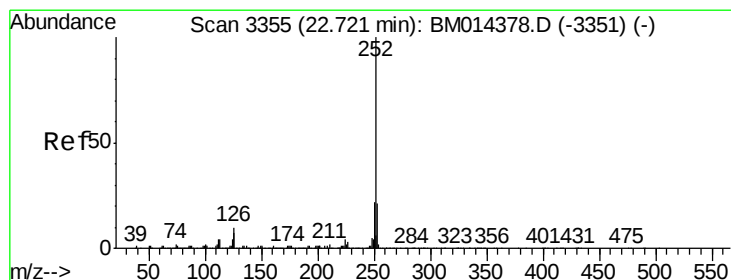
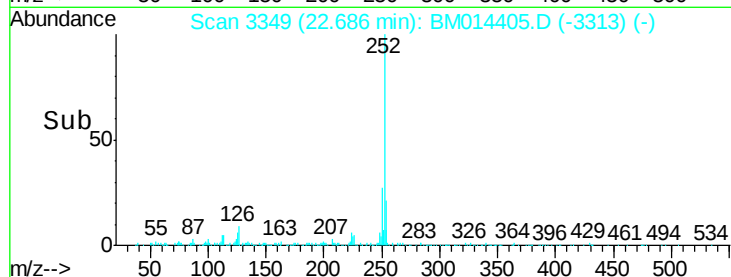
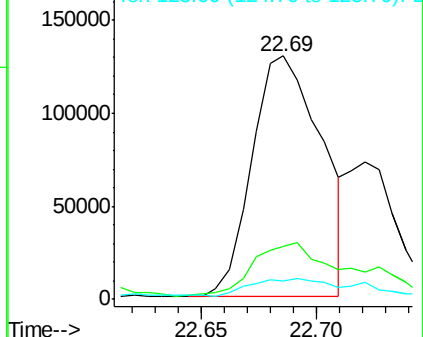
125 7.6 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 3.673 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

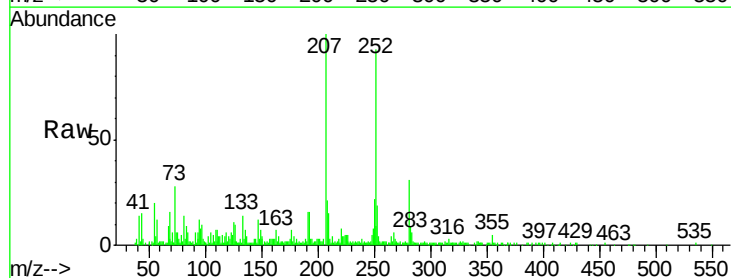
Tgt Ion:252 Resp: 101575

Ion Ratio Lower Upper

252 100

253 20.3 17.1 25.7

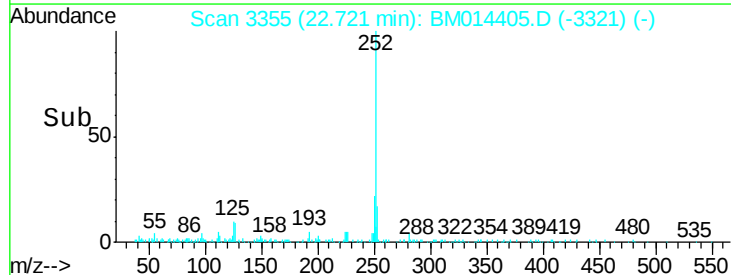
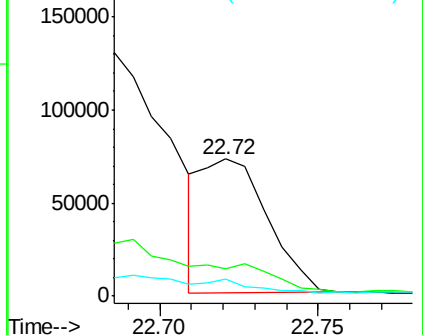
125 12.1 3.4 5.2#

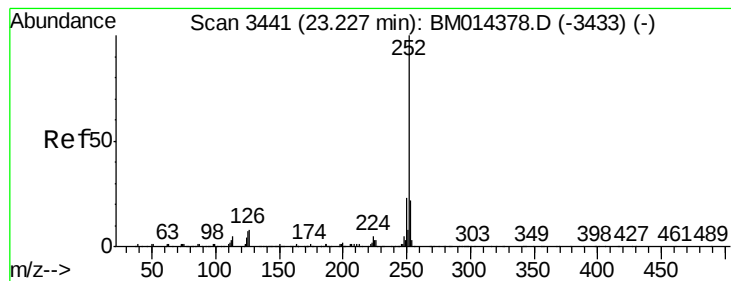


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 8.018 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM014405.D

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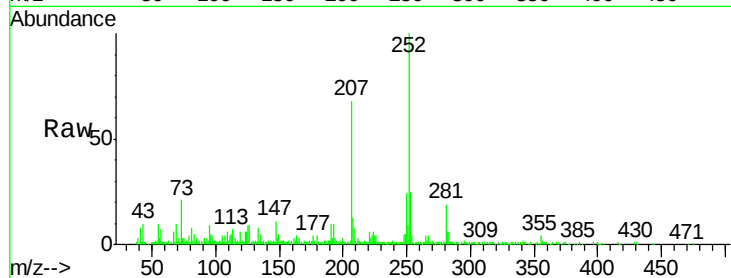
Tot Ion:252 Resp: 208404

Ion Ratio Lower Upper

252 100

253 24.9 18.2 27.2

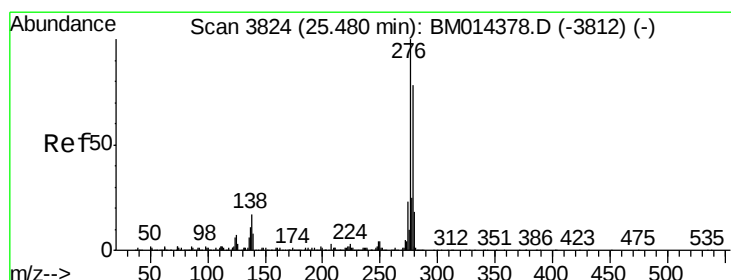
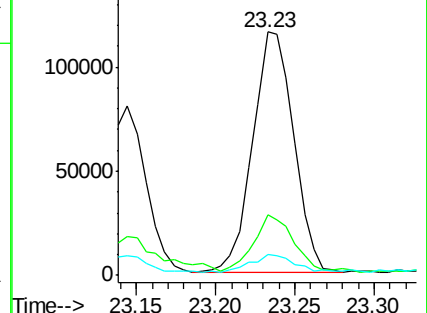
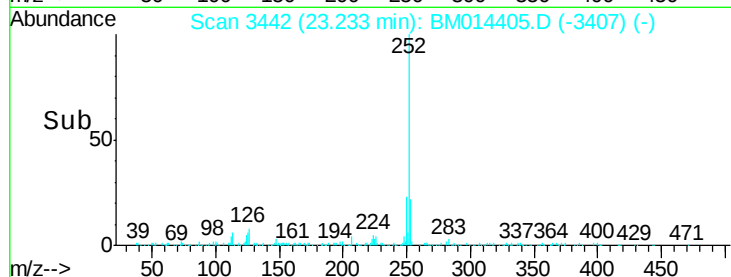
125 8.7 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.403 ng/ul

RT: 25.50 min Scan# 3827

Delta R.T. 0.02 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

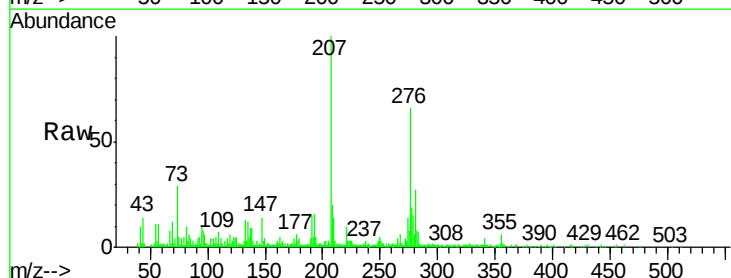
Tgt Ion:276 Resp: 136279

Ion Ratio Lower Upper

276 100

138 14.2 9.3 13.9#

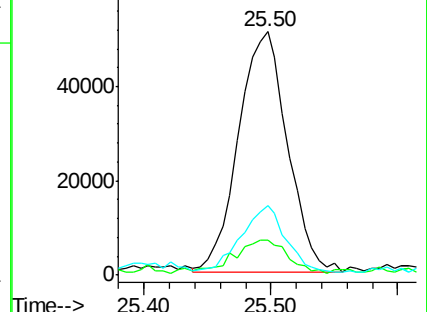
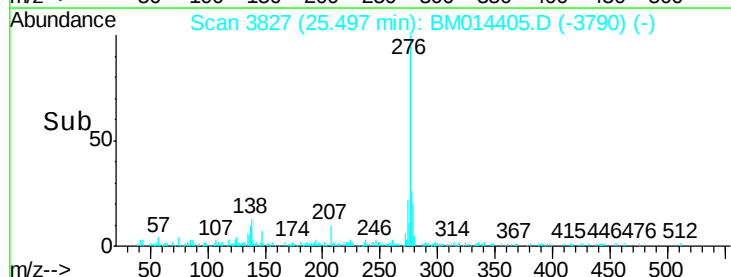
277 28.4 19.9 29.9

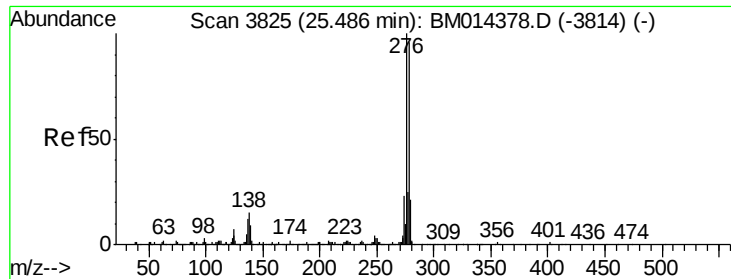


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.460 ng/ul

RT: 25.49 min Scan# 3826

Delta R.T. 0.01 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

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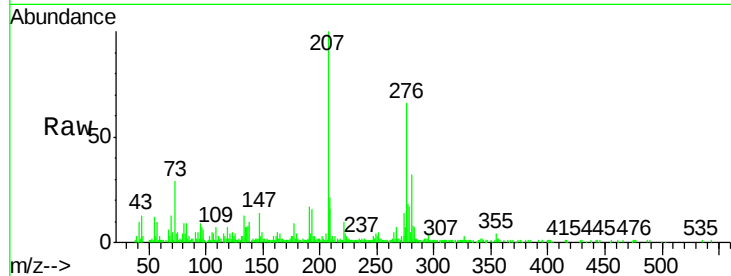
Tot Ion:278 Resp: 30604

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

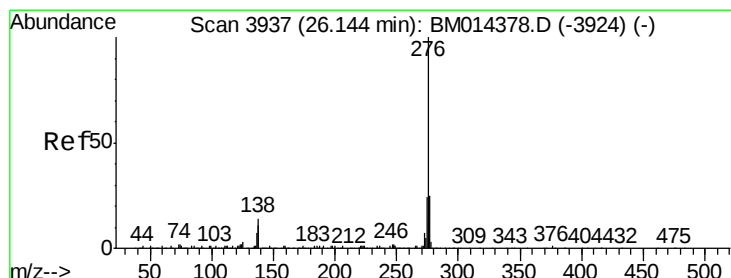
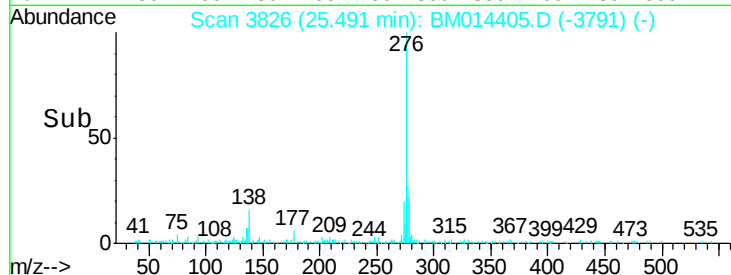
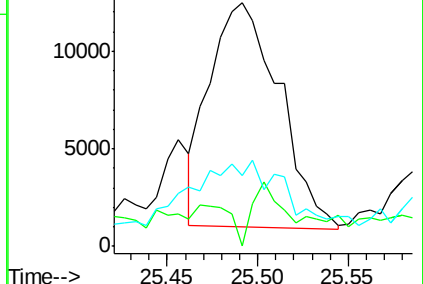
279 29.3 18.6 27.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 5.419 ng/ul

RT: 26.16 min Scan# 3939

Delta R.T. 0.01 min

Lab File: BM014405.D

Acq: 28 Feb 2018 15:49

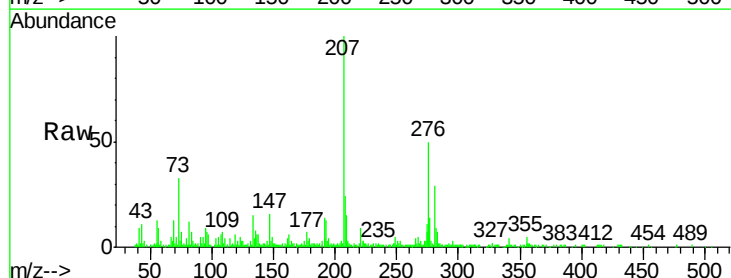
Tgt Ion:276 Resp: 110735

Ion Ratio Lower Upper

276 100

138 11.4 8.5 12.7

277 27.2 18.6 28.0



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

