

Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Quant Time: Oct 26 01:15:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	270652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1283401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	786277	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1873899	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2294488	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2436805	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4123	0.70	ng/uL	0.00
5) Phenol-d5	6.84	99	81102	3.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	52861	3.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	65944	3.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	64515	3.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	33836	3.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	35645	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	63980	3.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	61574	3.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	246925	3.66	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	296232	3.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	10406	0.83	ng/ul	0.02
58) Fluorene-d10	15.29	176	223106	3.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	25034	1.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	356236	3.84	ng/ul	0.00
79) Pyrene-d10	19.44	212	430802	4.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	513410	3.99	ng/ul	0.00

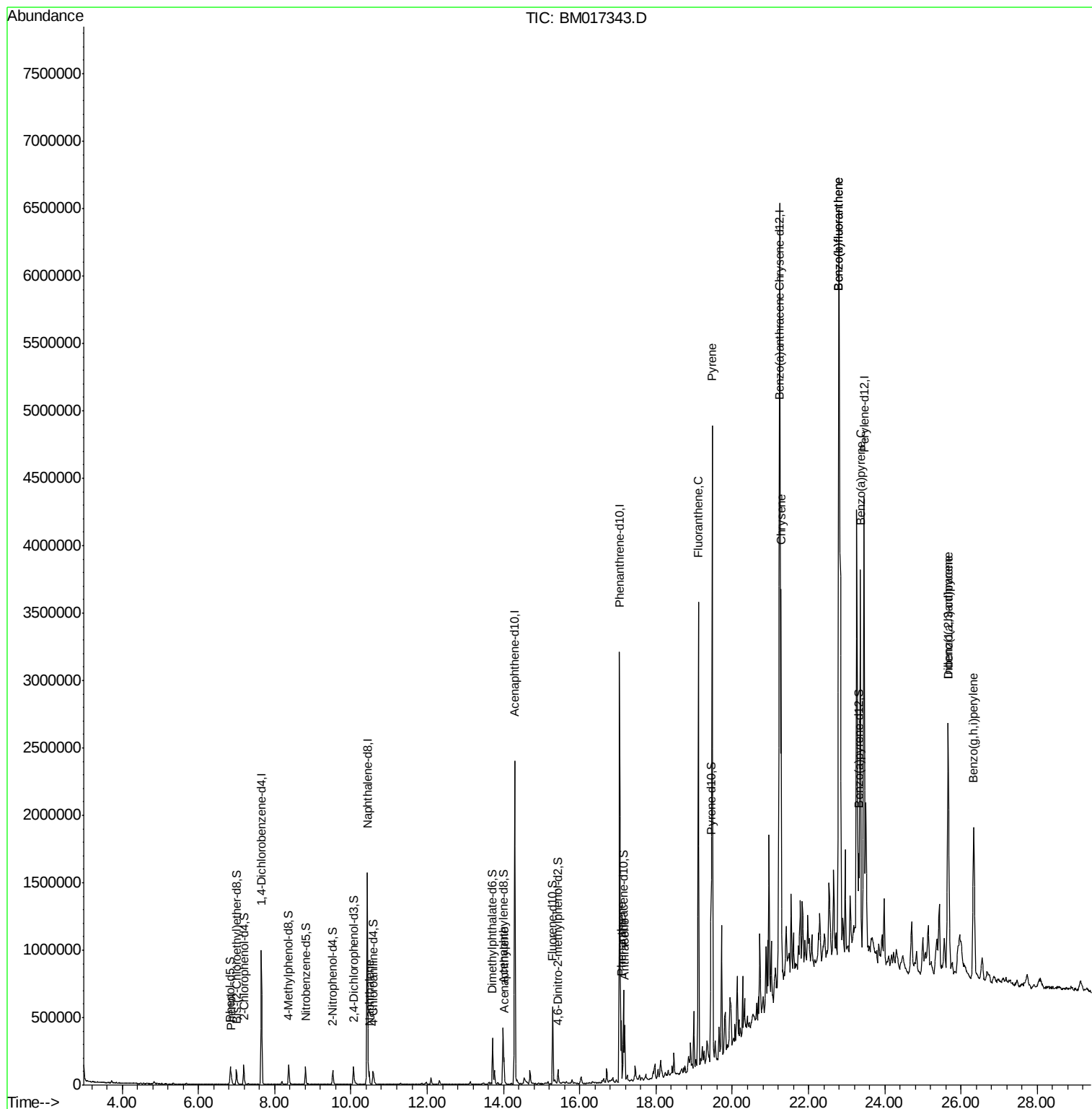
Target Compounds				Qvalue		
6) Phenol	6.86	94	26205	1.067	ng/ul	96
28) Naphthalene	10.47	128	76372	1.138	ng/ul	99
48) Acenaphthylene	14.02	152	134168	1.746	ng/ul	98
70) Phenanthrene	17.09	178	264887	2.462	ng/ul	99
72) Anthracene	17.18	178	258023	2.361	ng/ul	99
77) Fluoranthene	19.11	202	1981587	16.065	ng/ul	99
80) Pyrene	19.47	202	2775211	20.829	ng/ul	98
83) Benzo(a)anthracene	21.23	228	1279369	9.112	ng/ul	97
85) Chrysene	21.28	228	1907432	14.286	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	4509777	31.617	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	4509777	32.367	ng/ul	99
91) Benzo(a)pyrene	23.36	252	1871419	13.430	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	1755490	10.354	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	438482	3.097	ng/ul#	83
94) Benzo(g,h,i)perylene	26.34	276	1381258	9.590	ng/ul	99

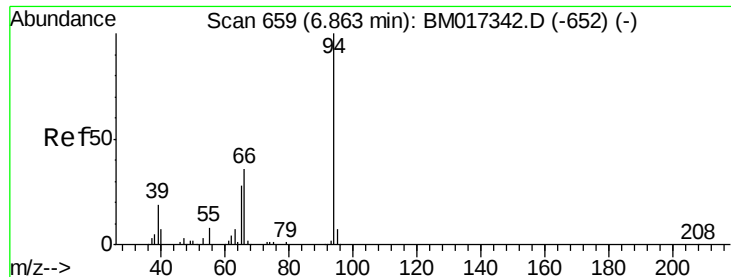
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.067 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

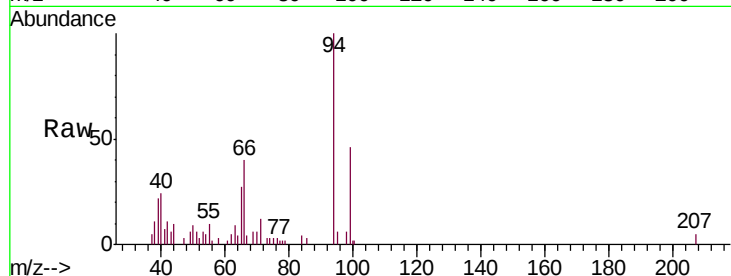
Tgt Ion: 94 Resp: 26205

Ion Ratio Lower Upper

94 100

65 26.6 24.0 36.0

66 40.2 31.1 46.7

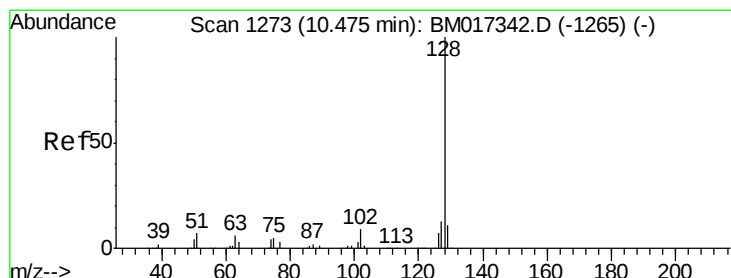
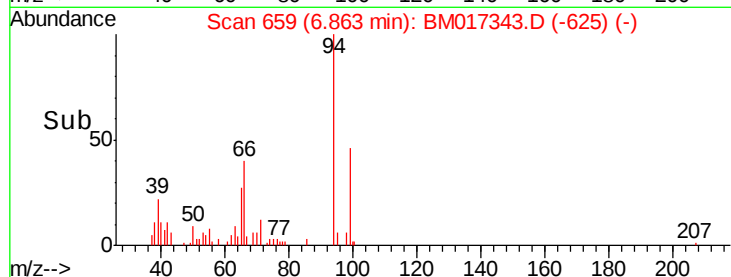
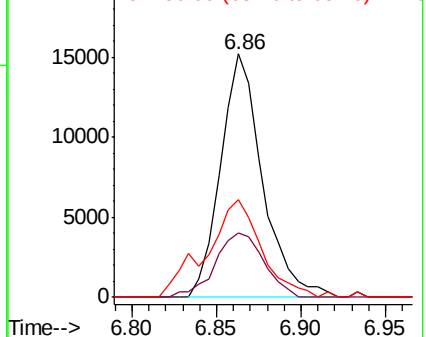


Abundance

Ion 94.00 (93.70 to 94.70): BM017342.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM017342.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM017342.D (-652) (-)



#28

Naphthalene

Concen: 1.138 ng/ul

RT: 10.47 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

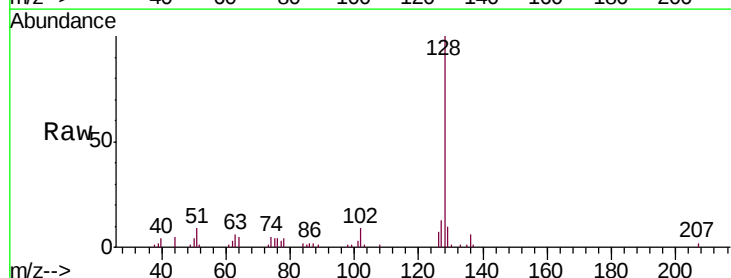
Tgt Ion: 128 Resp: 76372

Ion Ratio Lower Upper

128 100

129 9.5 8.6 12.8

127 12.9 10.3 15.5

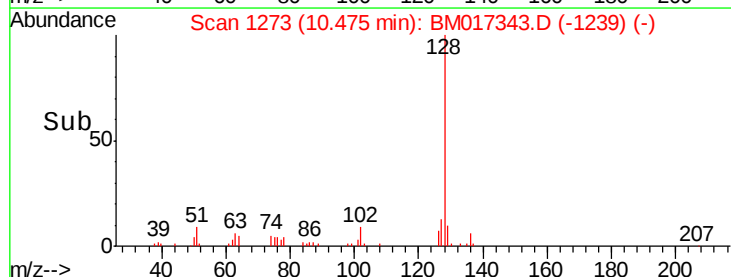
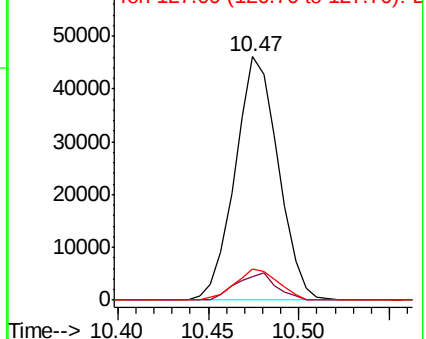


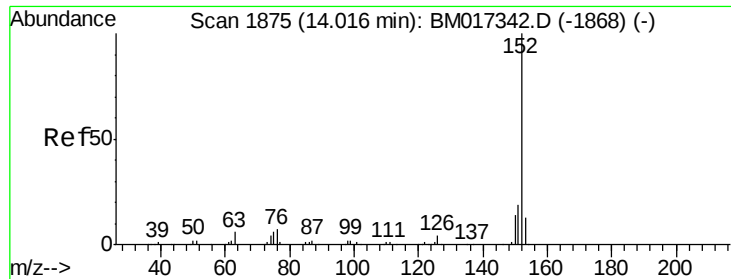
Abundance

Ion 128.00 (127.70 to 128.70): BM017342.D (-1265) (-)

Ion 129.00 (128.70 to 129.70): BM017342.D (-1265) (-)

Ion 127.00 (126.70 to 127.70): BM017342.D (-1265) (-)





#48

Acenaphthylene

Concen: 1.746 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

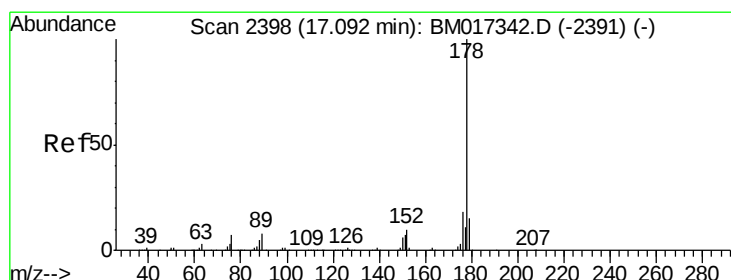
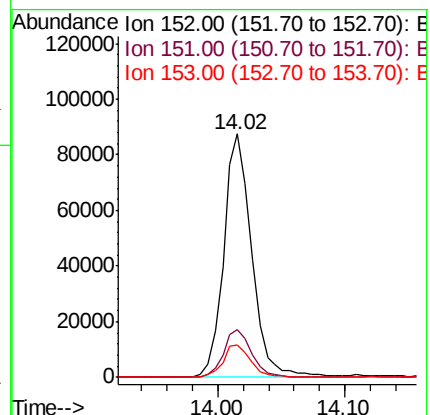
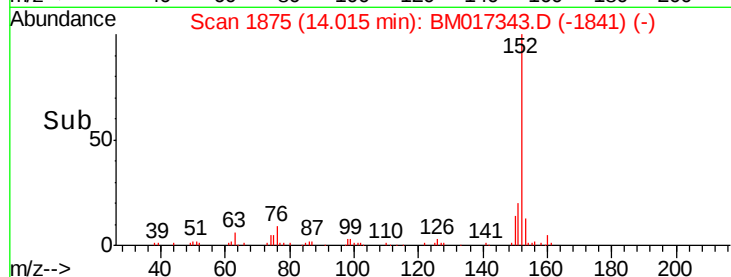
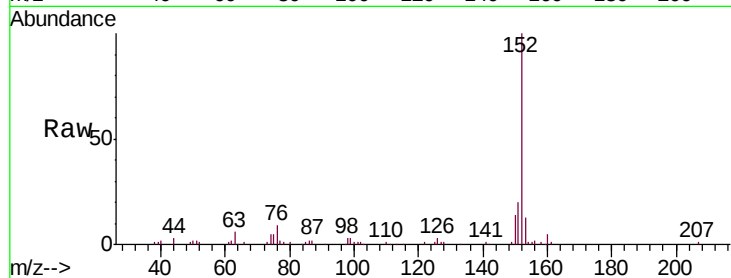
Tgt Ion:152 Resp: 134168

Ion Ratio Lower Upper

152 100

151 19.7 15.3 22.9

153 13.5 10.2 15.4



#70

Phenanthrene

Concen: 2.462 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

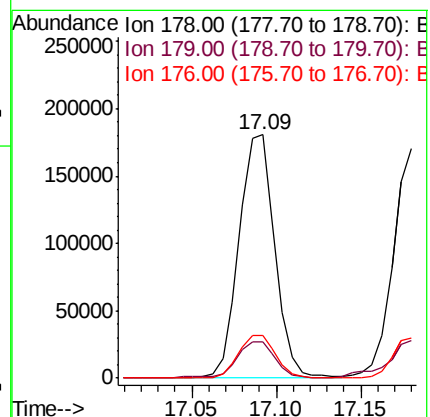
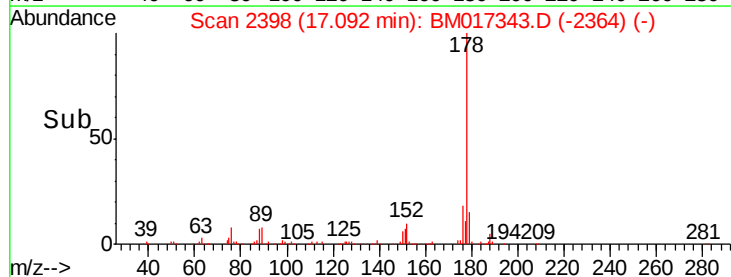
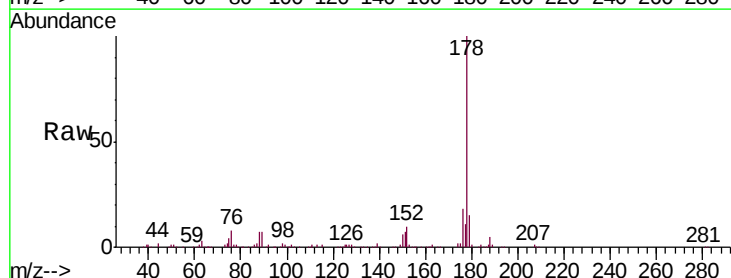
Tgt Ion:178 Resp: 264887

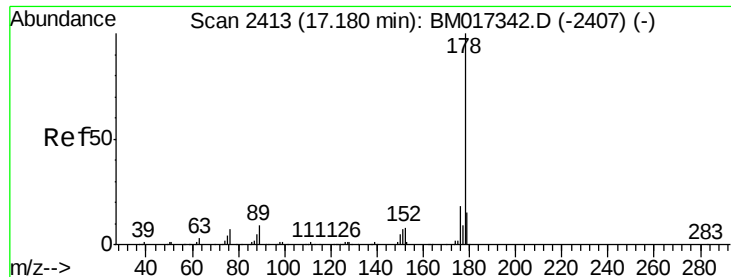
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 17.8 14.9 22.3





#72

Anthracene

Concen: 2.361 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

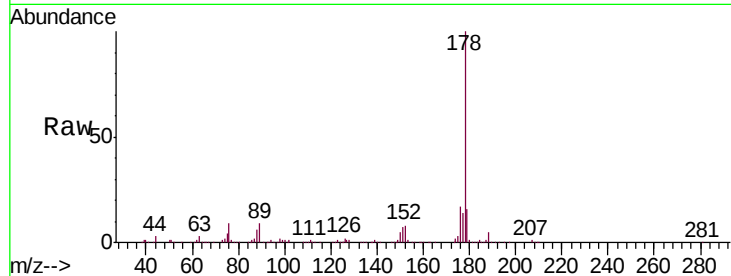
Tgt Ion:178 Resp: 258023

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

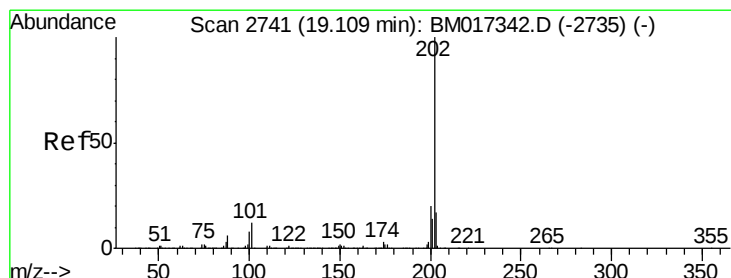
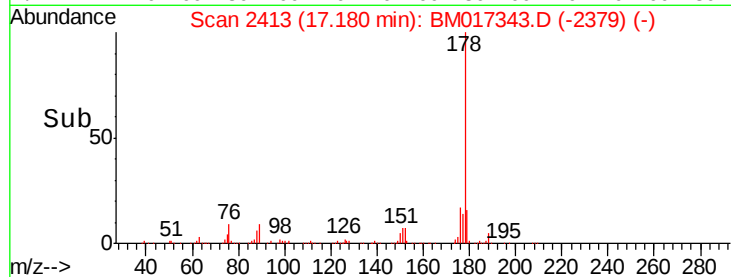
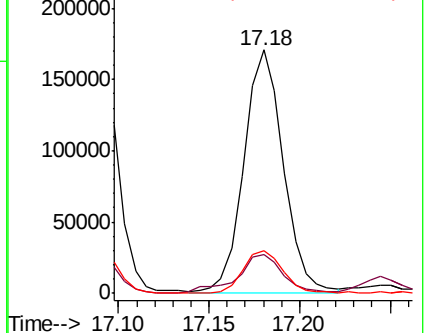
176 17.4 14.2 21.2



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: 16.065 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

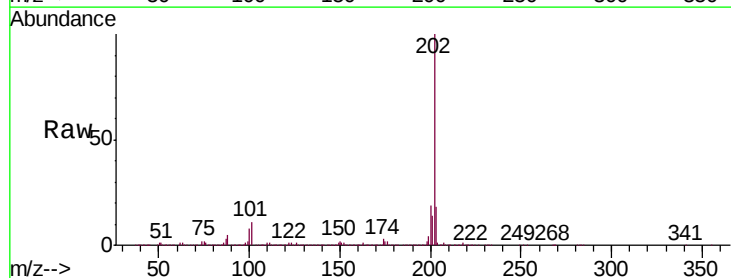
Tgt Ion:202 Resp: 1981587

Ion Ratio Lower Upper

202 100

101 10.8 8.2 12.4

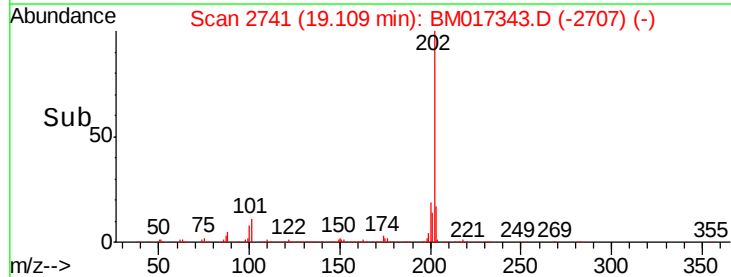
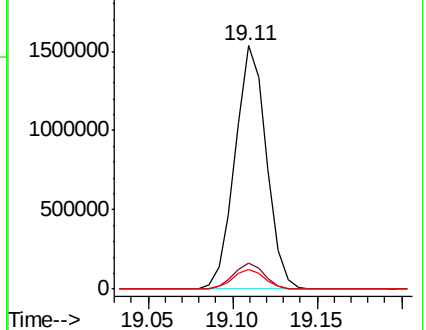
100 8.3 6.3 9.5

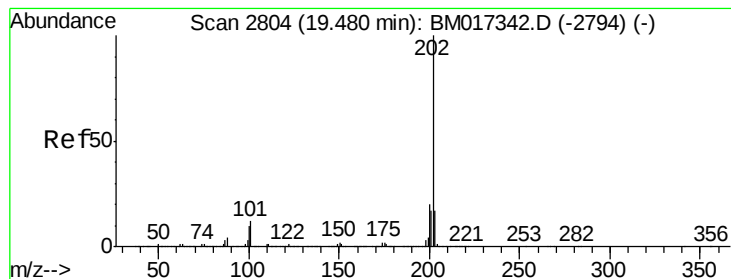


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 20.829 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

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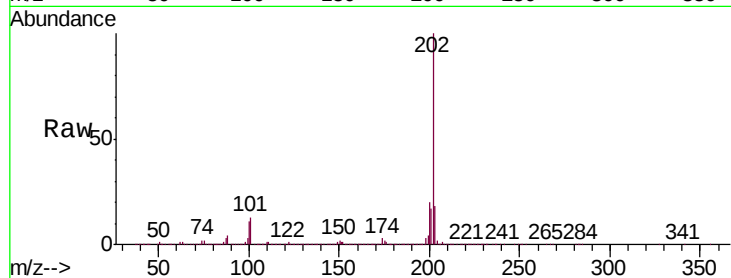
Tgt Ion:202 Resp: 2775211

Ion Ratio Lower Upper

202 100

101 12.9 9.5 14.3

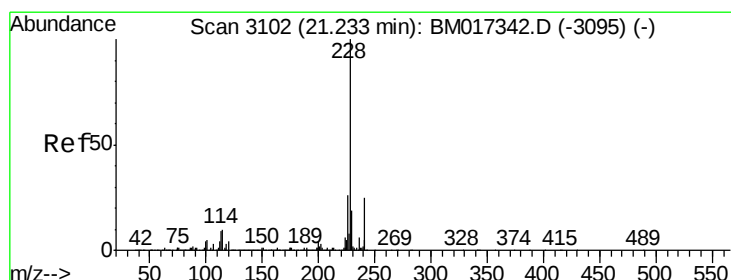
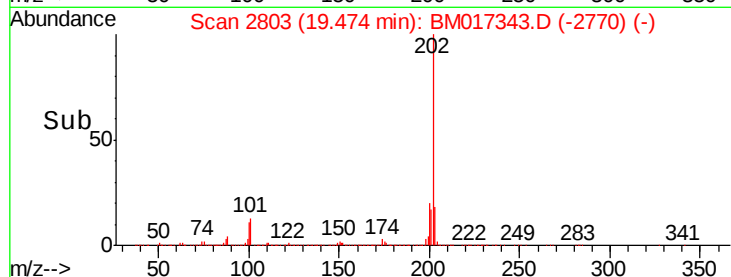
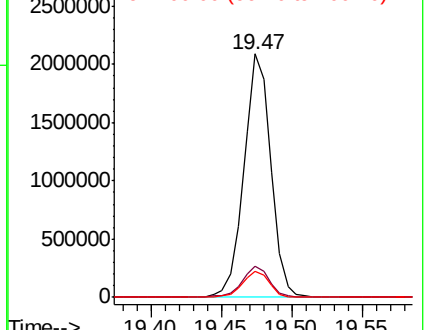
100 10.6 8.1 12.1



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: 9.112 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

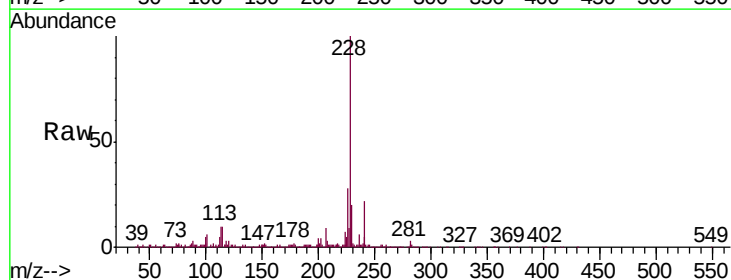
Tgt Ion:228 Resp: 1279369

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

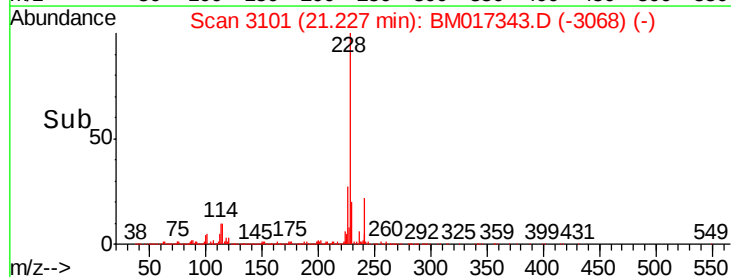
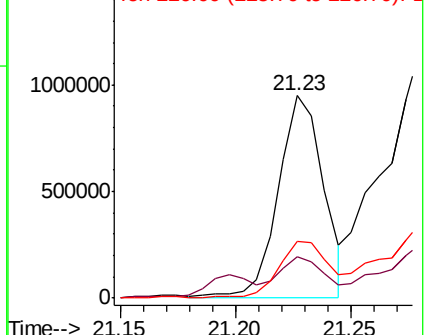
226 27.9 20.8 31.2

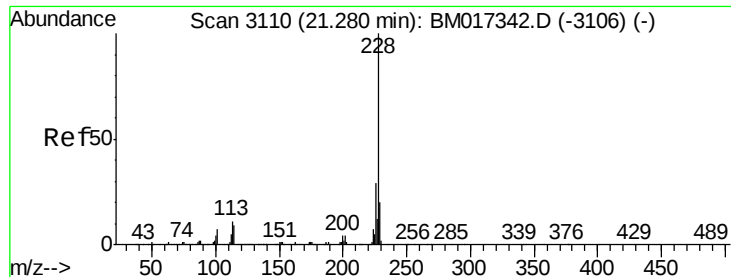


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 14.286 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

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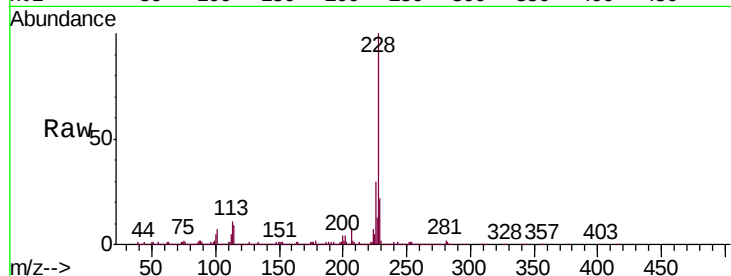
Tgt Ion:228 Resp: 1907432

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

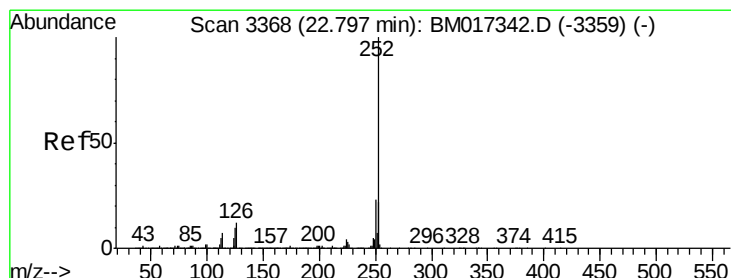
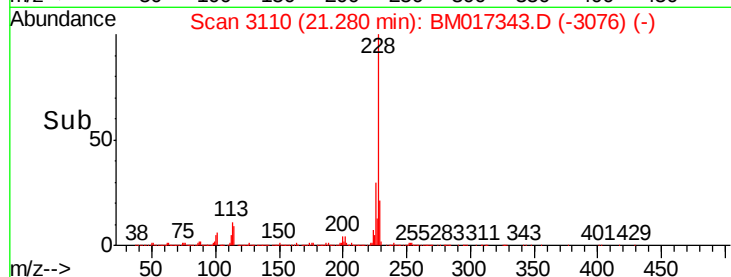
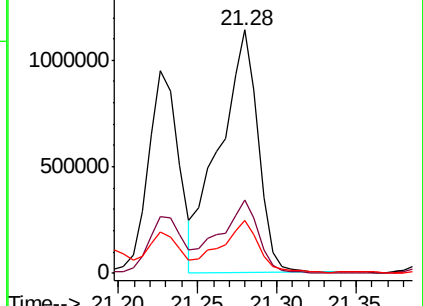
229 21.5 15.6 23.4



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: 31.617 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

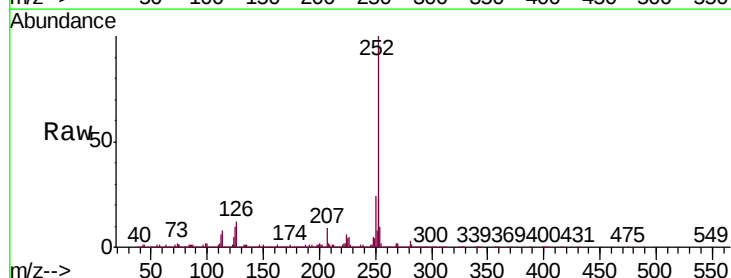
Tgt Ion:252 Resp: 4509777

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

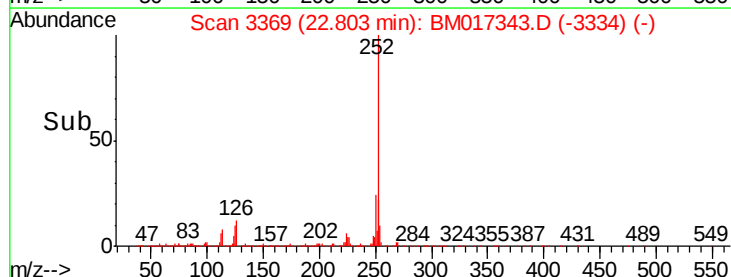
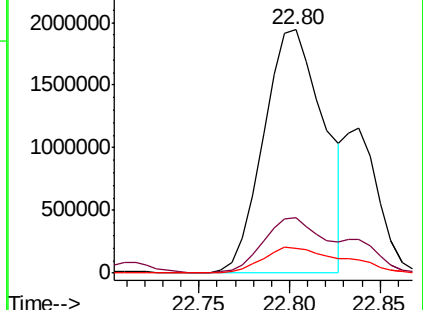
125 10.3 7.2 10.8

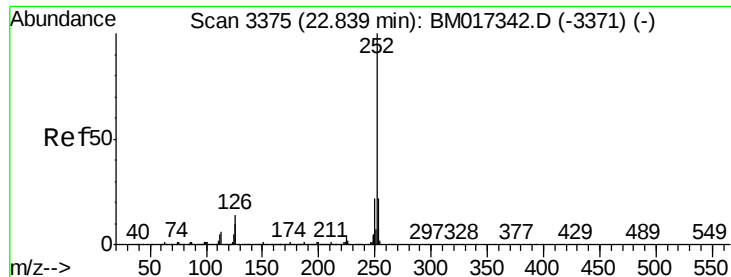


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 32.367 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM017343.D

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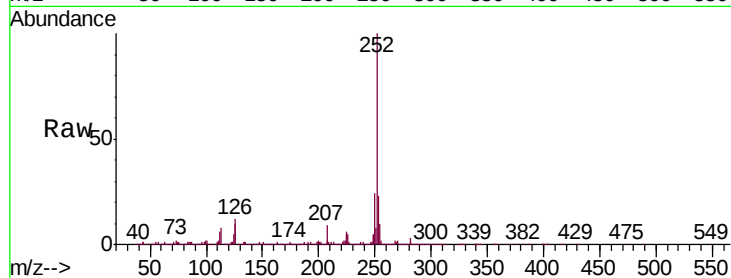
Tgt Ion:252 Resp: 4509777

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 10.3 7.8 11.6

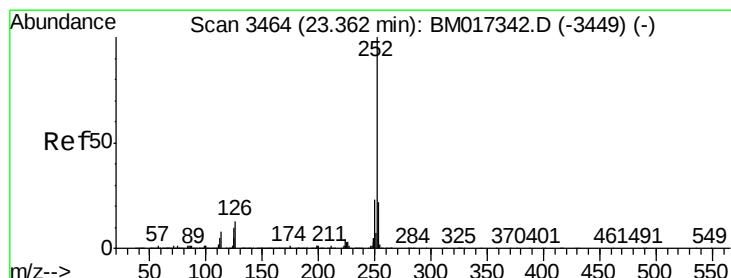
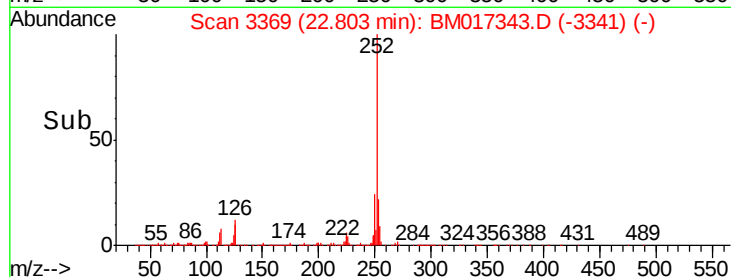
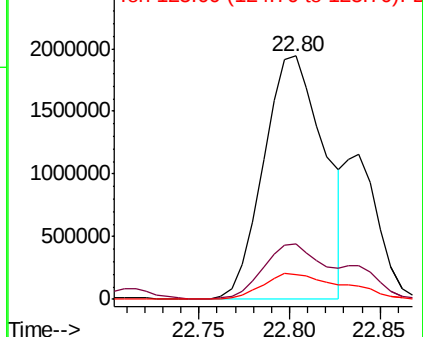


Abundance

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



#91

Benzo(a)pyrene

Concen: 13.430 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

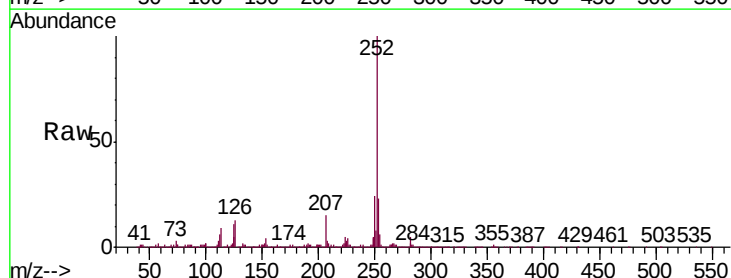
Tgt Ion:252 Resp: 1871419

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 10.6 8.3 12.5

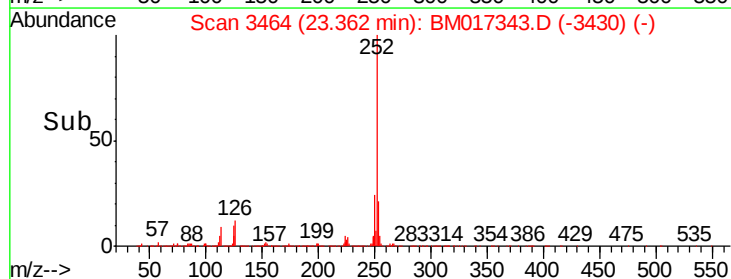
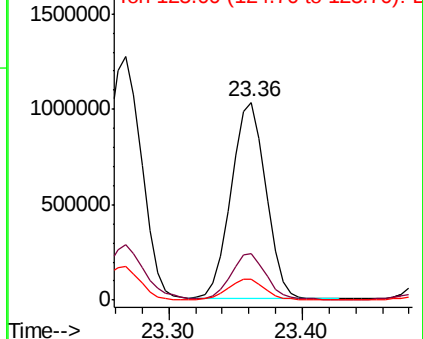


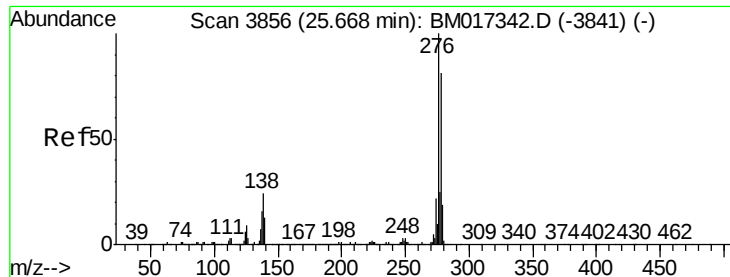
Abundance

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: 10.354 ng/ul

RT: 25.66 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM017343.D

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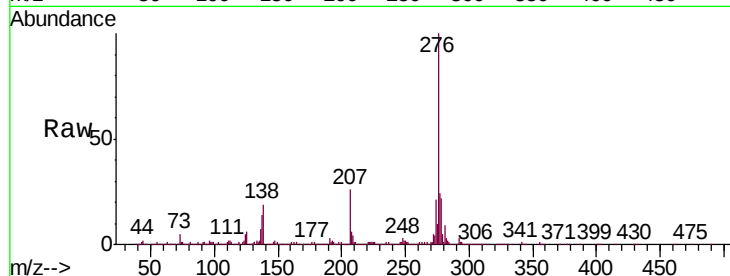
Tgt Ion:276 Resp: 1755490

Ion Ratio Lower Upper

276 100

138 18.9 18.1 27.1

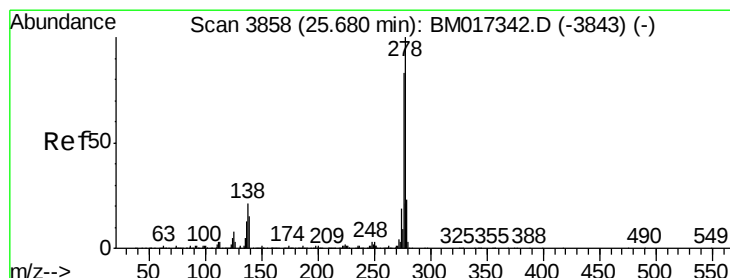
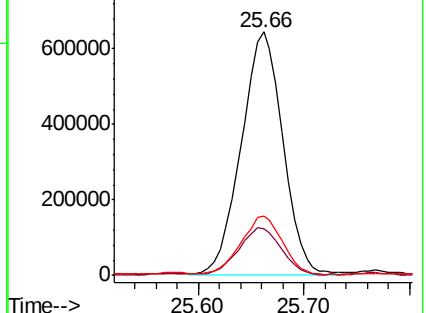
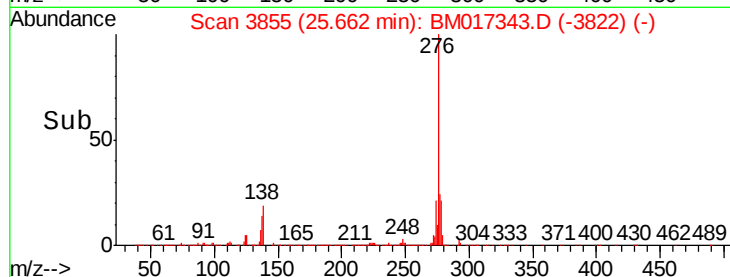
277 24.3 19.6 29.4



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

Dibenzo(a,h)anthracene

Concen: 3.097 ng/ul

RT: 25.66 min Scan# 3855

Delta R.T. -0.02 min

Lab File: BM017343.D

Acq: 25 Oct 2018 14:35

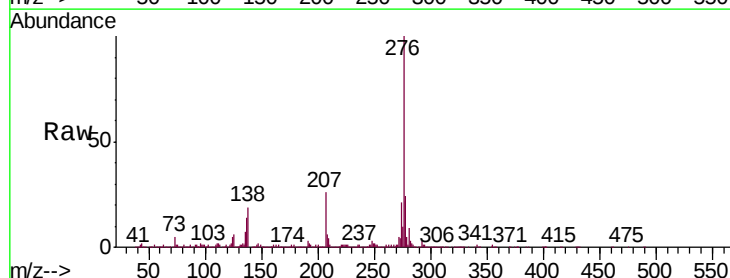
Tgt Ion:278 Resp: 438482

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

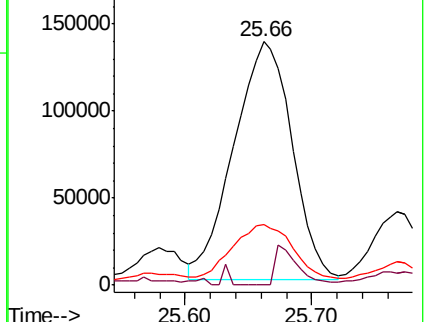
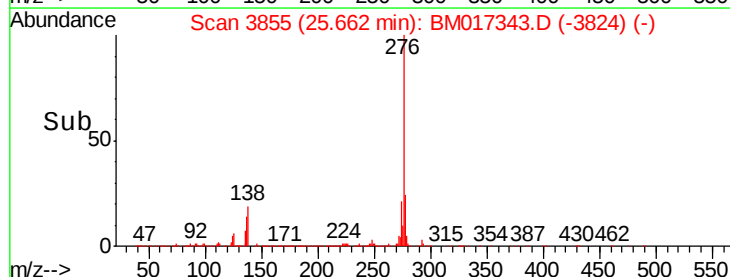
279 25.0 19.0 28.4

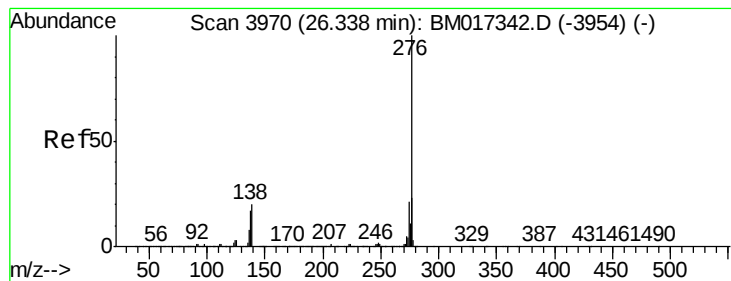


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 9.590 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. -0.00 min

Lab File: BM017343.D

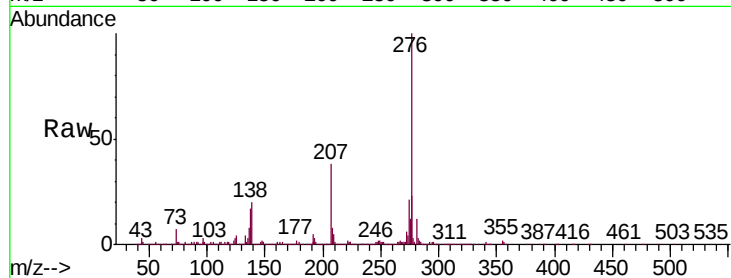
Acq: 25 Oct 2018 14:35

Instrument :

BNA_M

ClientSampleId :

C0AD4DL



Tgt Ion:276 Resp: 1381258

Ion Ratio Lower Upper

276 100

138 20.4 16.6 25.0

277 23.3 18.9 28.3

