

Data File : BM017509.D
Acq On : 03 Nov 2018 02:39
Operator : MJ/SJ
Sample : J5704-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K2

Quant Time: Nov 03 04:04:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	196564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	776678	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	374292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	710155	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	491513	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	400863	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	17420	4.08	ng/uL	0.00
5) Phenol-d5	6.81	99	381663	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	229227	21.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	311079	22.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	267568	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	142699	23.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	155063	22.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	273589	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	251835	24.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	679114	21.16	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	910317	23.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	85983	14.34	ng/ul	0.01
58) Fluorene-d10	15.27	176	592450	21.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	75747	15.31	ng/ul	0.00
71) Anthracene-d10	17.12	188	790395	22.48	ng/ul	0.00
79) Pyrene-d10	19.43	212	770139	33.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	505271	23.87	ng/ul	0.00

Target Compounds

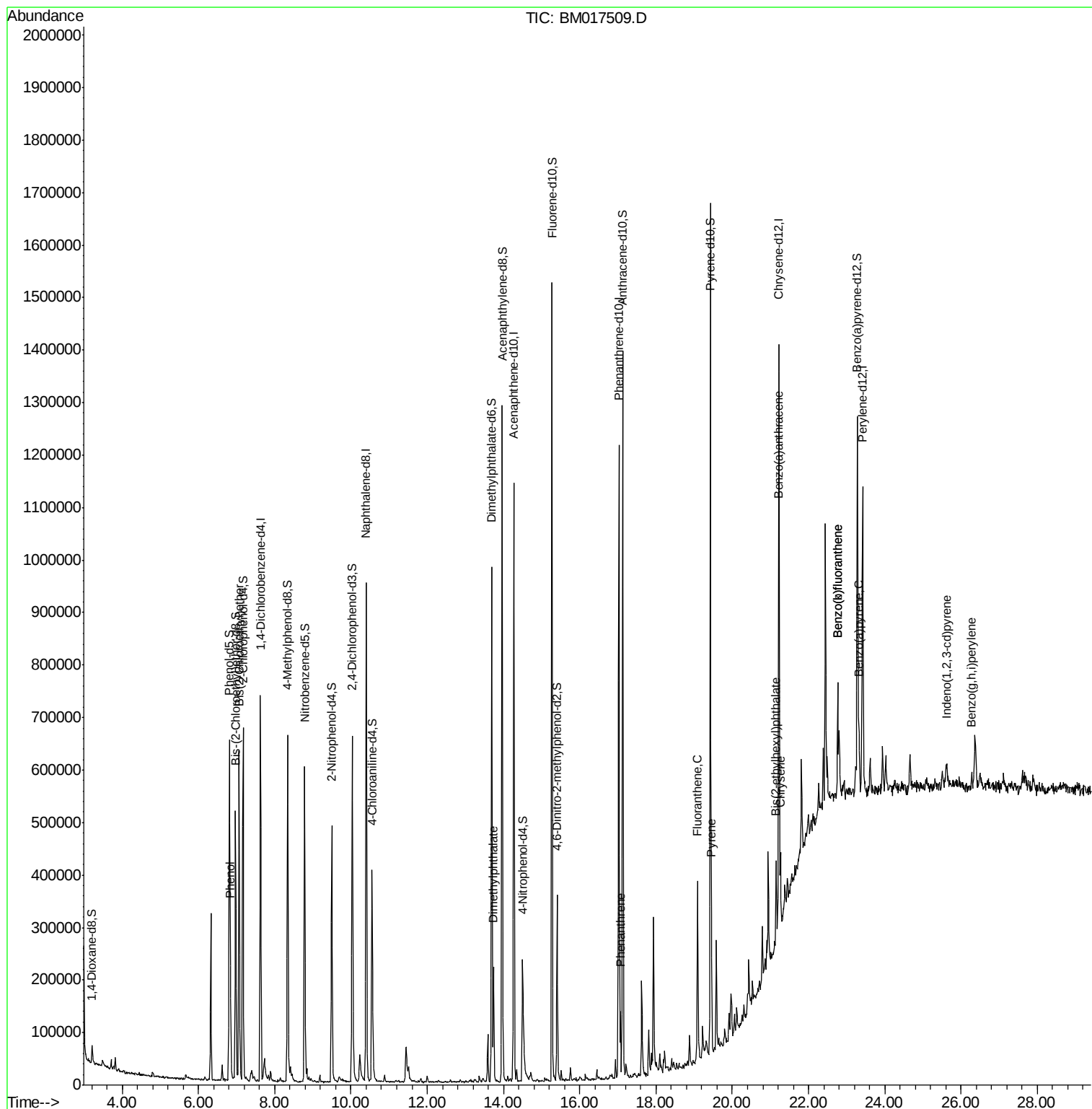
					Qvalue	
6) Phenol	6.84	94	90230	5.061	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.07	93	232729	17.231	ng/ul#	24
45) Dimethylphthalate	13.74	163	136216	4.380	ng/ul	99
70) Phenanthrene	17.07	178	74498	1.827	ng/ul	99
77) Fluoranthene	19.09	202	181259	3.878	ng/ul	98
80) Pyrene	19.46	202	156888	5.497	ng/ul	100
83) Benzo(a)anthracene	21.21	228	61283	2.037	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.15	149	42492	2.552	ng/ul	99
85) Chrysene	21.26	228	75707	2.647	ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	85817	3.657	ng/ul#	87
89) Benzo(k)fluoranthene	22.77	252	85817	3.744	ng/ul#	88
91) Benzo(a)pyrene	23.33	252	53940	2.353	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.62	276	37479	1.344	ng/ul#	92
94) Benzo(g,h,i)perylene	26.29	276	26469	1.117	ng/ul#	89

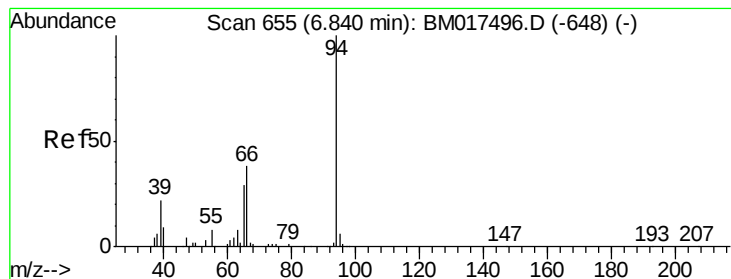
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 5.061 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.00 min

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Acq: 03 Nov 2018 02:39

Instrument :

BNA_M

ClientSampleId :

A40K2

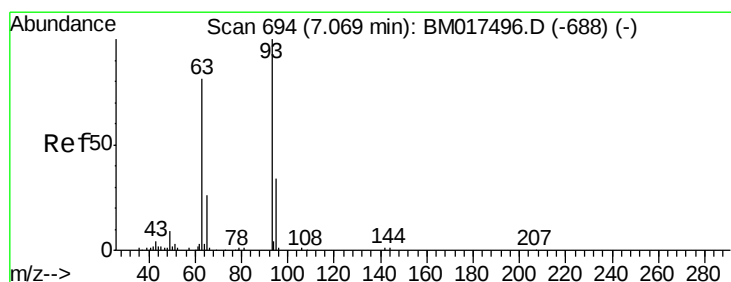
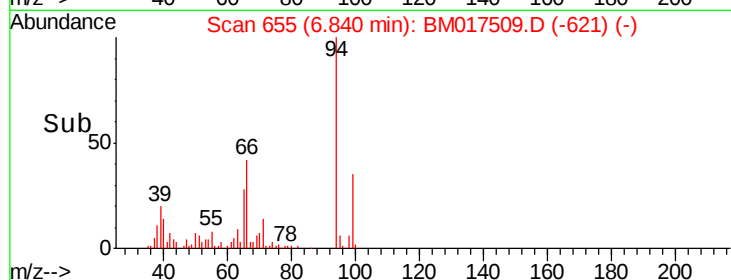
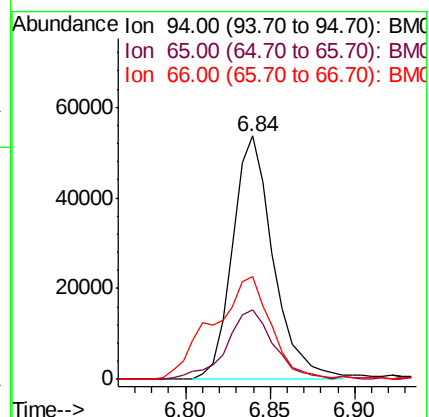
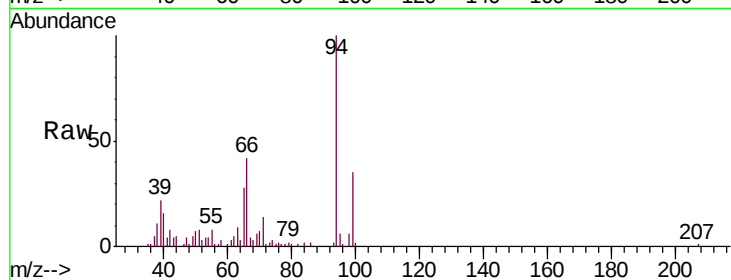
Tgt Ion: 94 Resp: 90230

Ion Ratio Lower Upper

94 100

65 28.3 24.0 36.0

66 42.4 31.1 46.7



#8

Bis(2-Chloroethyl)ether

Concen: 17.231 ng/ul

RT: 7.07 min Scan# 694

Delta R.T. -0.00 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

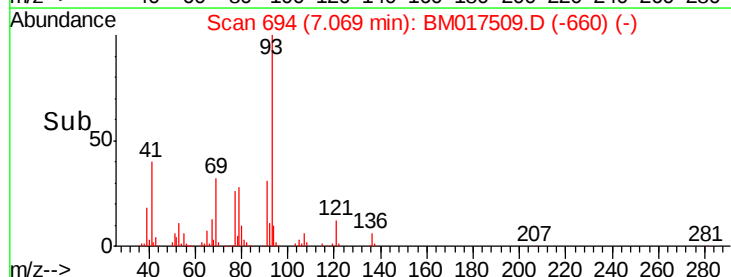
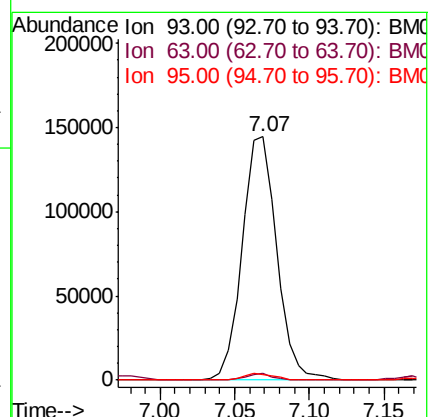
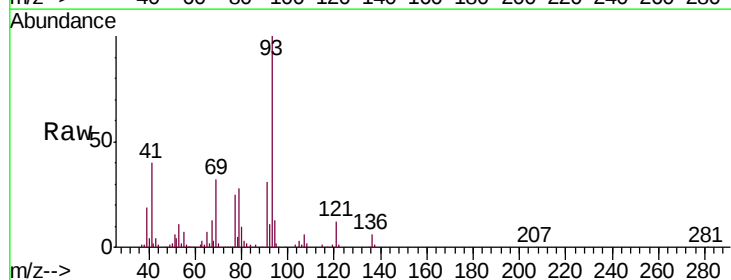
Tgt Ion: 93 Resp: 232729

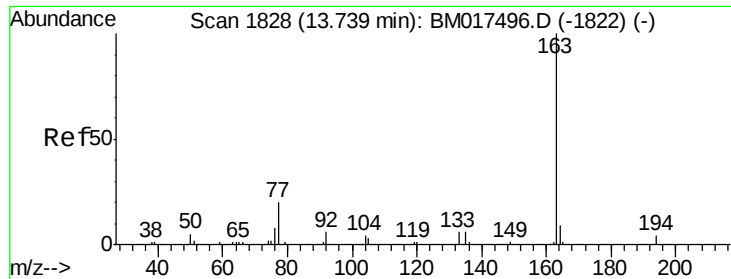
Ion Ratio Lower Upper

93 100

63 2.6 60.0 90.0#

95 2.2 25.0 37.6#

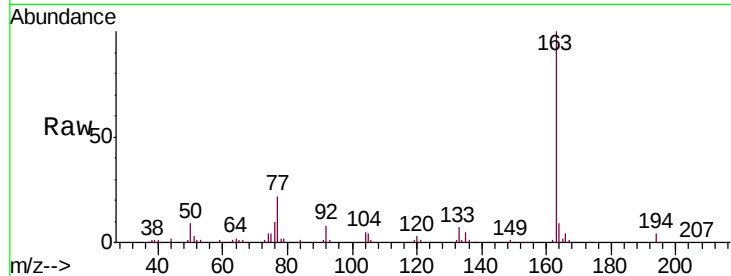




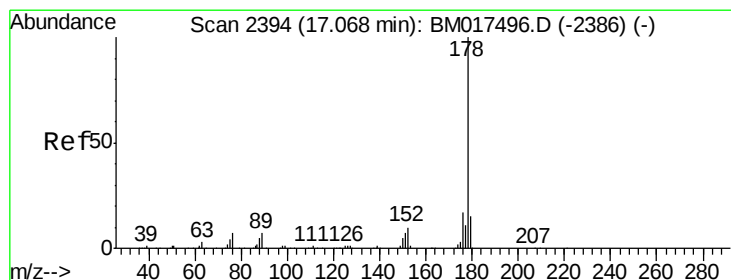
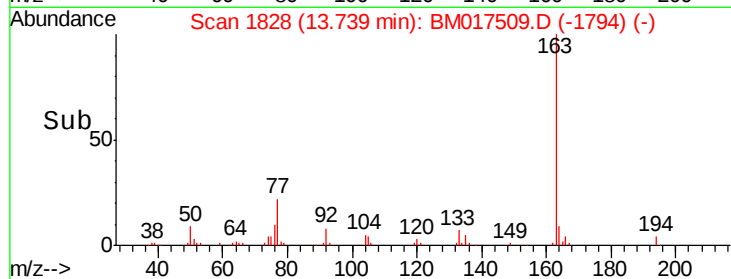
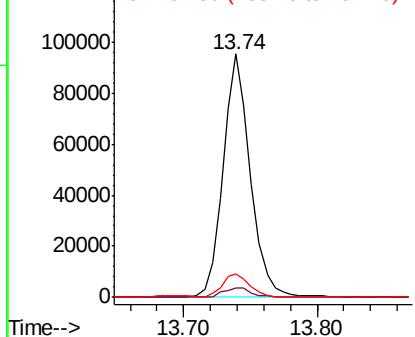
#45
Dimethylphthalate
Concen: 4.380 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM017509.D
Acq: 03 Nov 2018 02:39

Instrument :
BNA_M
ClientSampleId :
A40K2

Tgt Ion:163 Resp: 136216
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.5 8.1 12.1

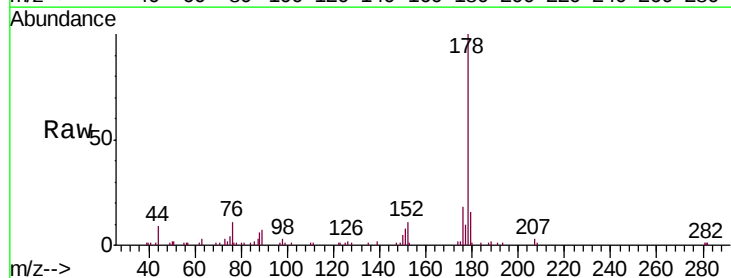


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

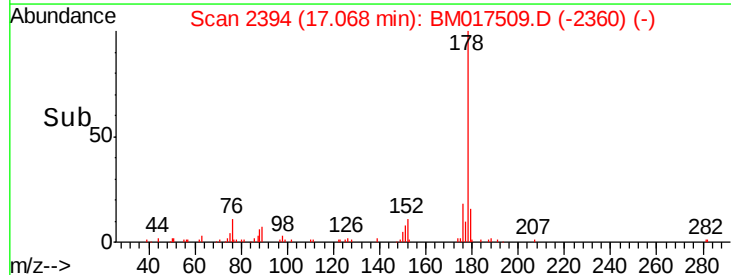
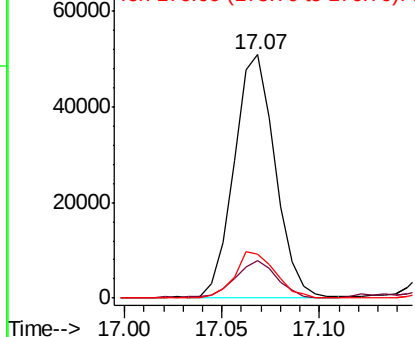


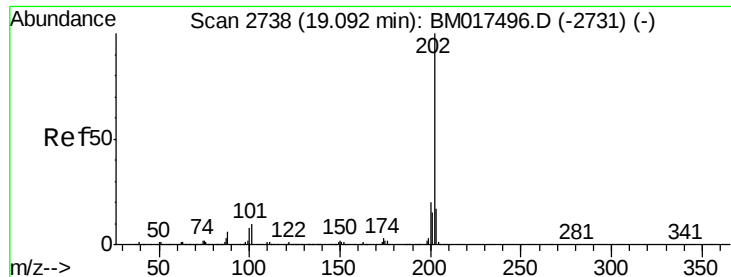
#70
Phenanthrene
Concen: 1.827 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM017509.D
Acq: 03 Nov 2018 02:39

Tgt Ion:178 Resp: 74498
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 18.1 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

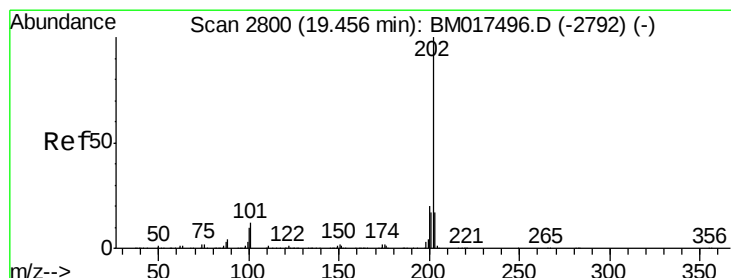
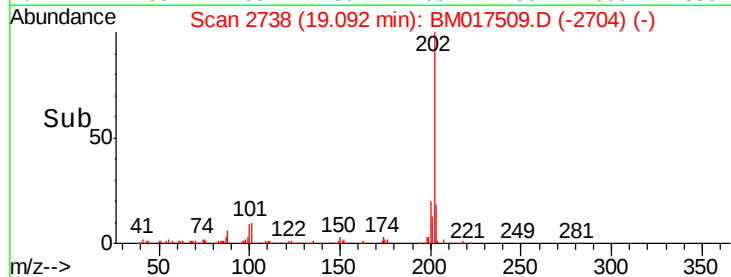
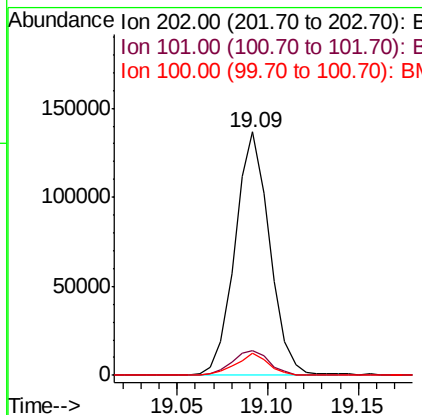
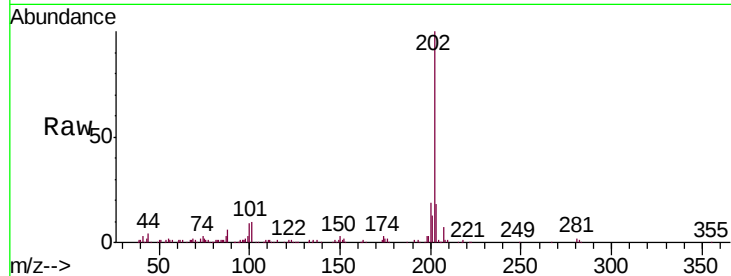




#77
 Fluoranthene
 Concen: 3.878 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.00 min
 Lab File: BM017509.D
 Acq: 03 Nov 2018 02:39

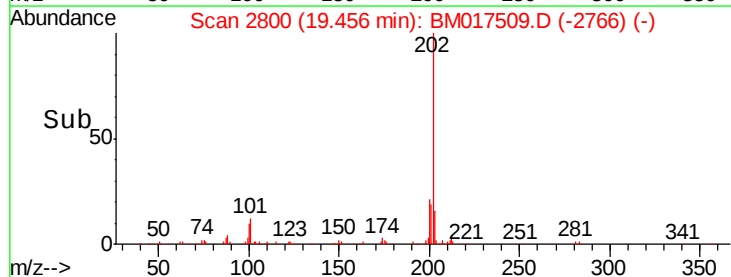
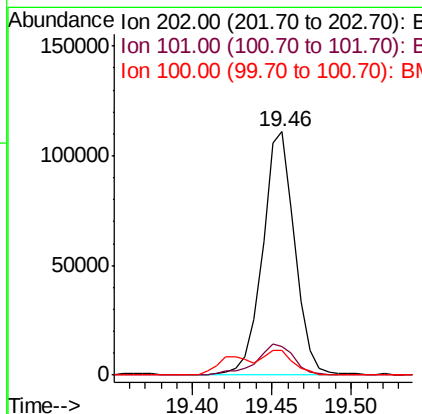
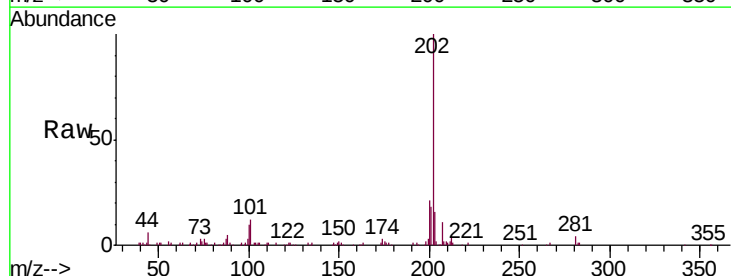
Instrument :
 BNA_M
 ClientSampleId :
 A40K2

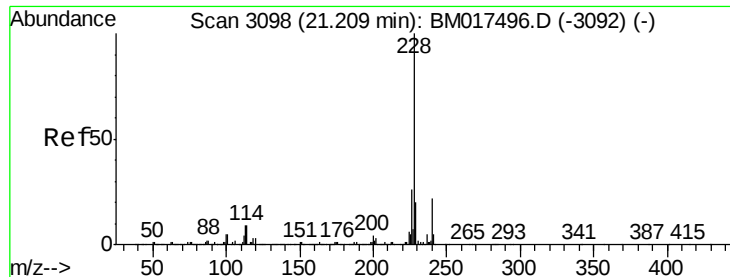
Tgt Ion:	202	Resp:	181259
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	9.3	6.3	9.5



#80
 Pyrene
 Concen: 5.497 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM017509.D
 Acq: 03 Nov 2018 02:39

Tgt Ion:	202	Resp:	156888
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	9.9	8.1	12.1





#83

Benzo(a)anthracene

Concen: 2.037 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

Instrument :

BNA_M

ClientSampleId :

A40K2

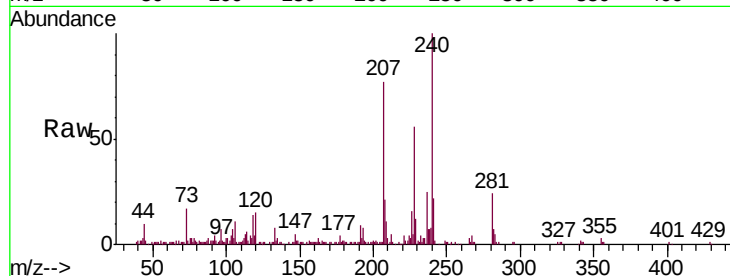
Tgt Ion:228 Resp: 61283

Ion Ratio Lower Upper

228 100

229 22.3 15.6 23.4

226 28.9 20.8 31.2

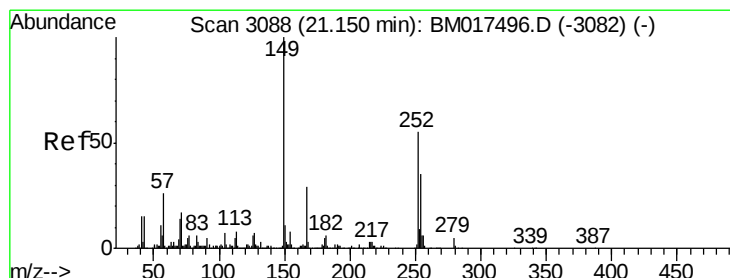
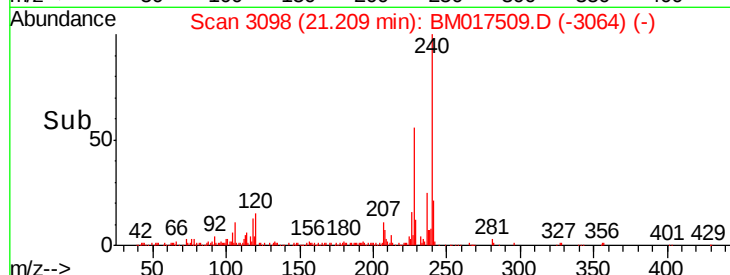
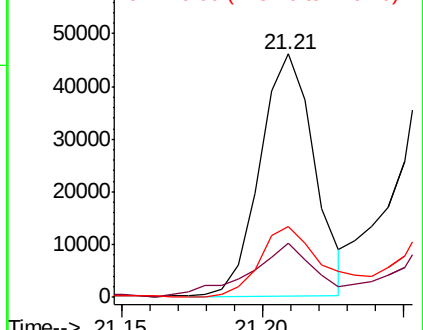


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.552 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

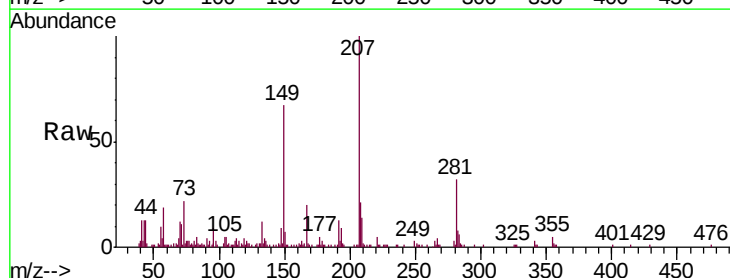
Tgt Ion:149 Resp: 42492

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.6

279 4.5 4.1 6.1

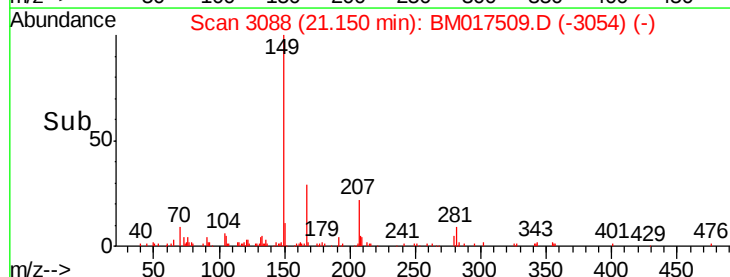
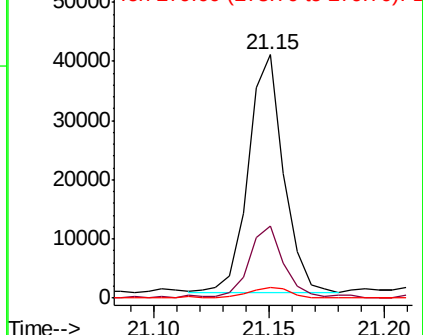


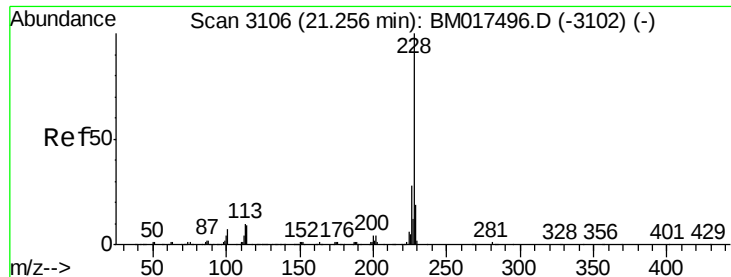
Abundance

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: 2.647 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM017509.D

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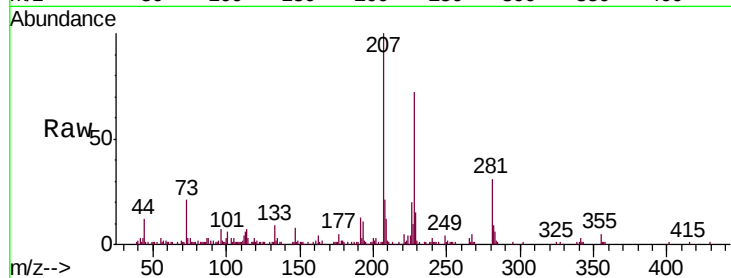
Tgt Ion:228 Resp: 75707

Ion Ratio Lower Upper

228 100

226 28.0 23.3 34.9

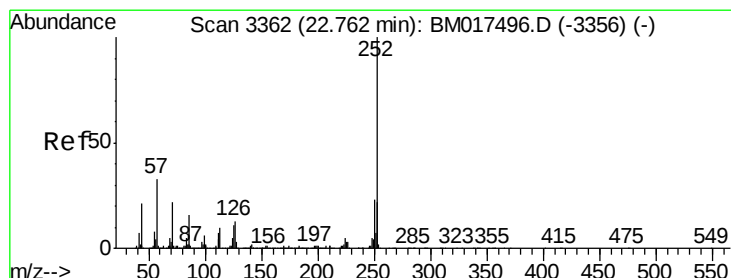
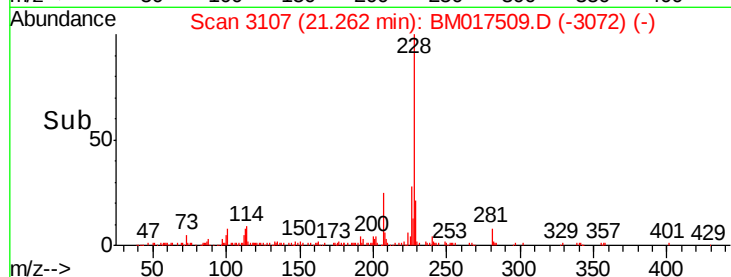
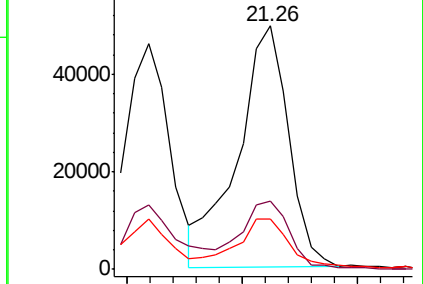
229 20.6 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 3.657 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

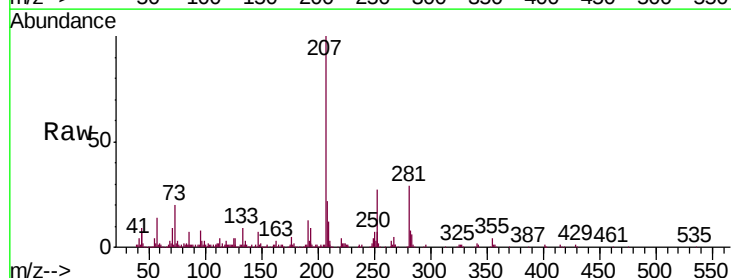
Tgt Ion:252 Resp: 85817

Ion Ratio Lower Upper

252 100

253 27.3 17.6 26.4#

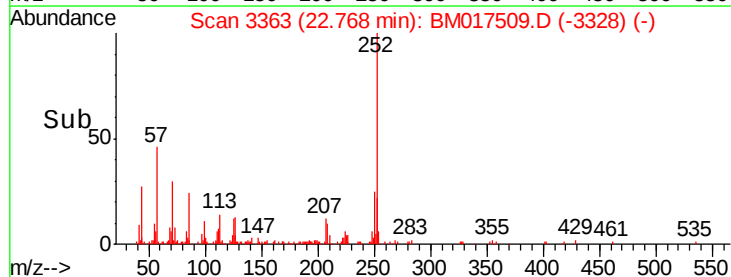
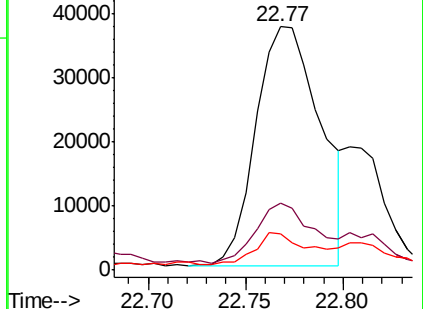
125 14.8 7.2 10.8#

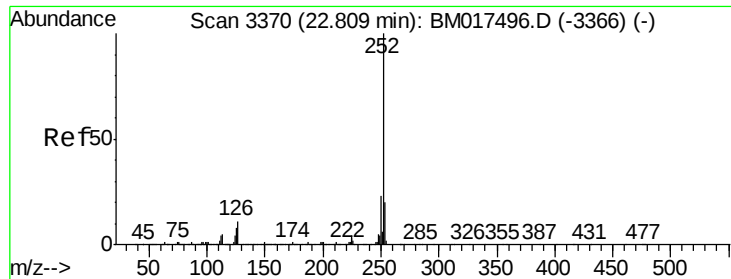


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.744 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

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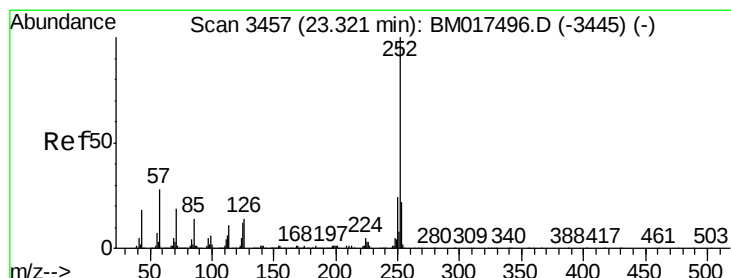
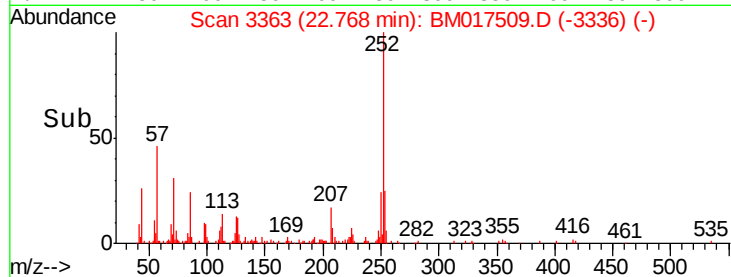
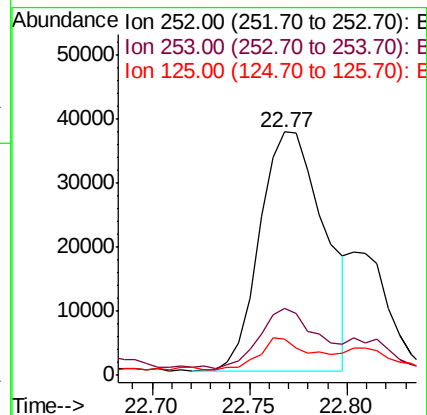
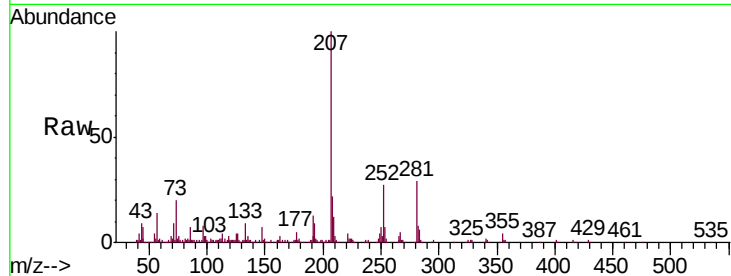
Tgt Ion:252 Resp: 85817

Ion Ratio Lower Upper

252 100

253 27.3 17.7 26.5#

125 14.8 7.8 11.6#



#91

Benzo(a)pyrene

Concen: 2.353 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

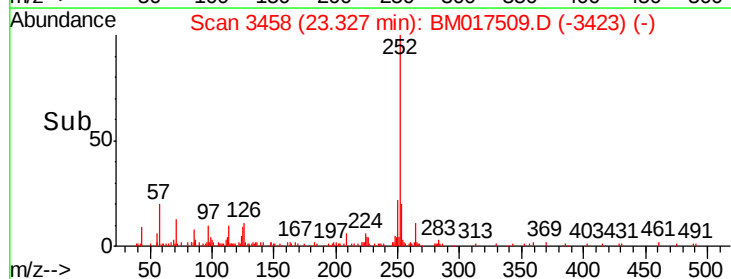
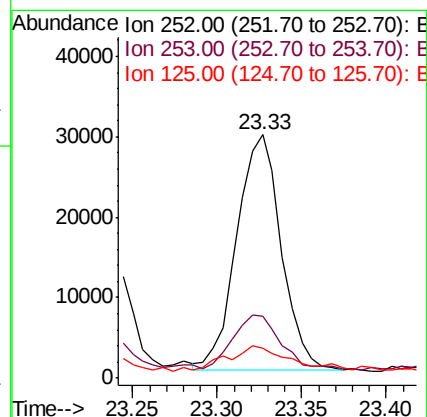
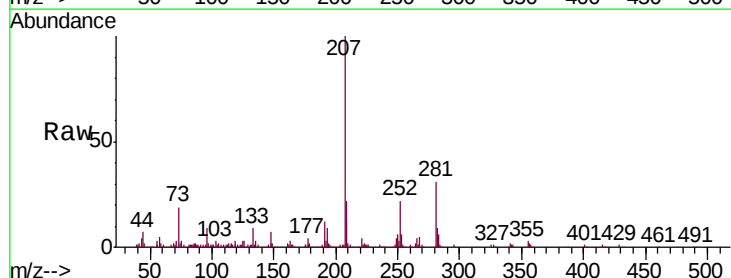
Tgt Ion:252 Resp: 53940

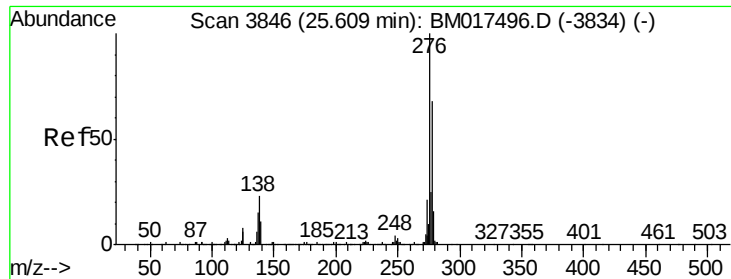
Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

125 12.2 8.3 12.5





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.344 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. 0.01 min

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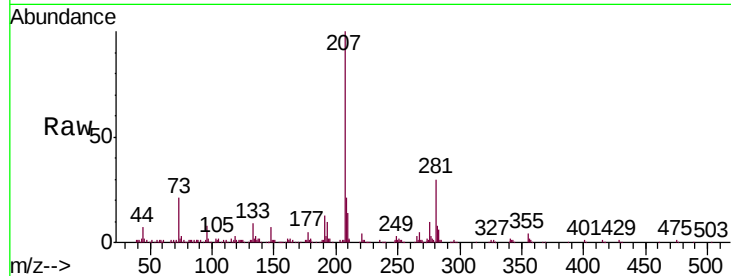
Tgt Ion:276 Resp: 37479

Ion Ratio Lower Upper

276 100

138 15.0 18.1 27.1#

277 24.6 19.6 29.4

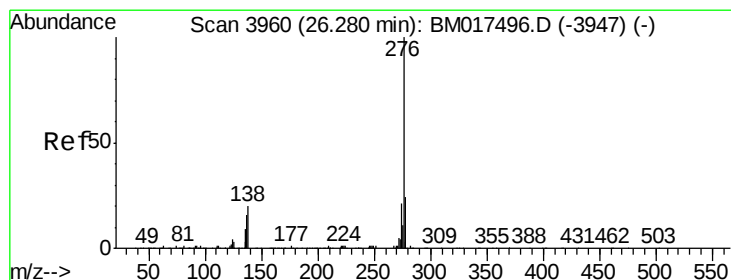
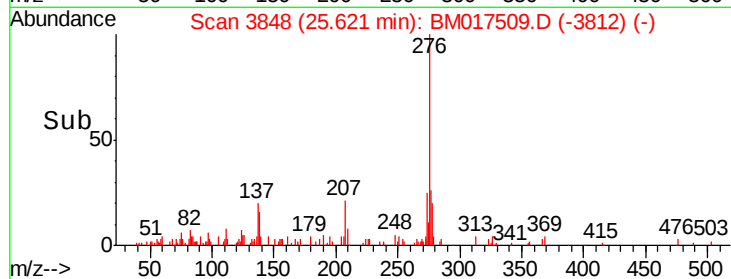
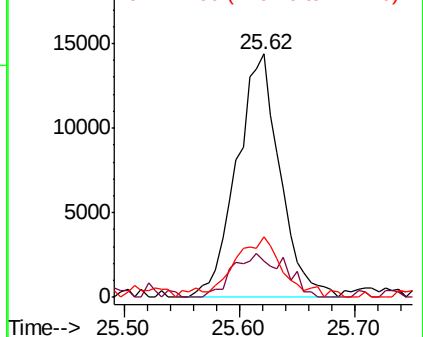


Abundance

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



#94

Benzo(g,h,i)perylene

Concen: 1.117 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.01 min

Lab File: BM017509.D

Acq: 03 Nov 2018 02:39

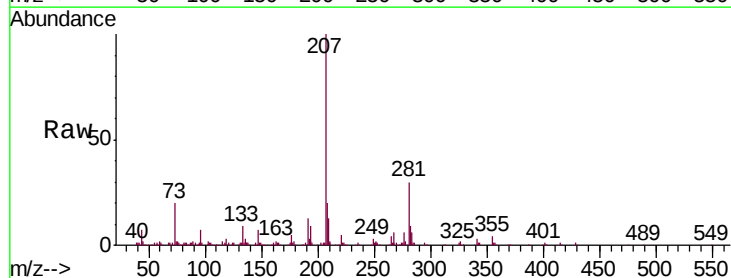
Tgt Ion:276 Resp: 26469

Ion Ratio Lower Upper

276 100

138 25.9 16.6 25.0#

277 28.9 18.9 28.3#



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

