

Data File : BM017475.D
Acq On : 01 Nov 2018 21:01
Operator : MJ/SJ
Sample : J5704-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40H9

Quant Time: Nov 02 02:45:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 02:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	216325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1068594	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	675221	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1641949	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1946938	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1937815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15656	3.33	ng/uL	0.00
5) Phenol-d5	6.82	99	387510	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	229580	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	321554	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	324260	20.75	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	165654	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	193335	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	318663	18.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	64383	4.53	ng/ul	0.01
44) Dimethylphthalate-d6	13.70	166	1193288	20.61	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1482167	21.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	154204	14.25	ng/ul	0.00
58) Fluorene-d10	15.28	176	1064783	21.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	175310	15.32	ng/ul	0.00
71) Anthracene-d10	17.13	188	1707046	21.00	ng/ul	0.00
79) Pyrene-d10	19.43	212	2009818	22.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2160084	21.11	ng/ul	0.00

Target Compounds

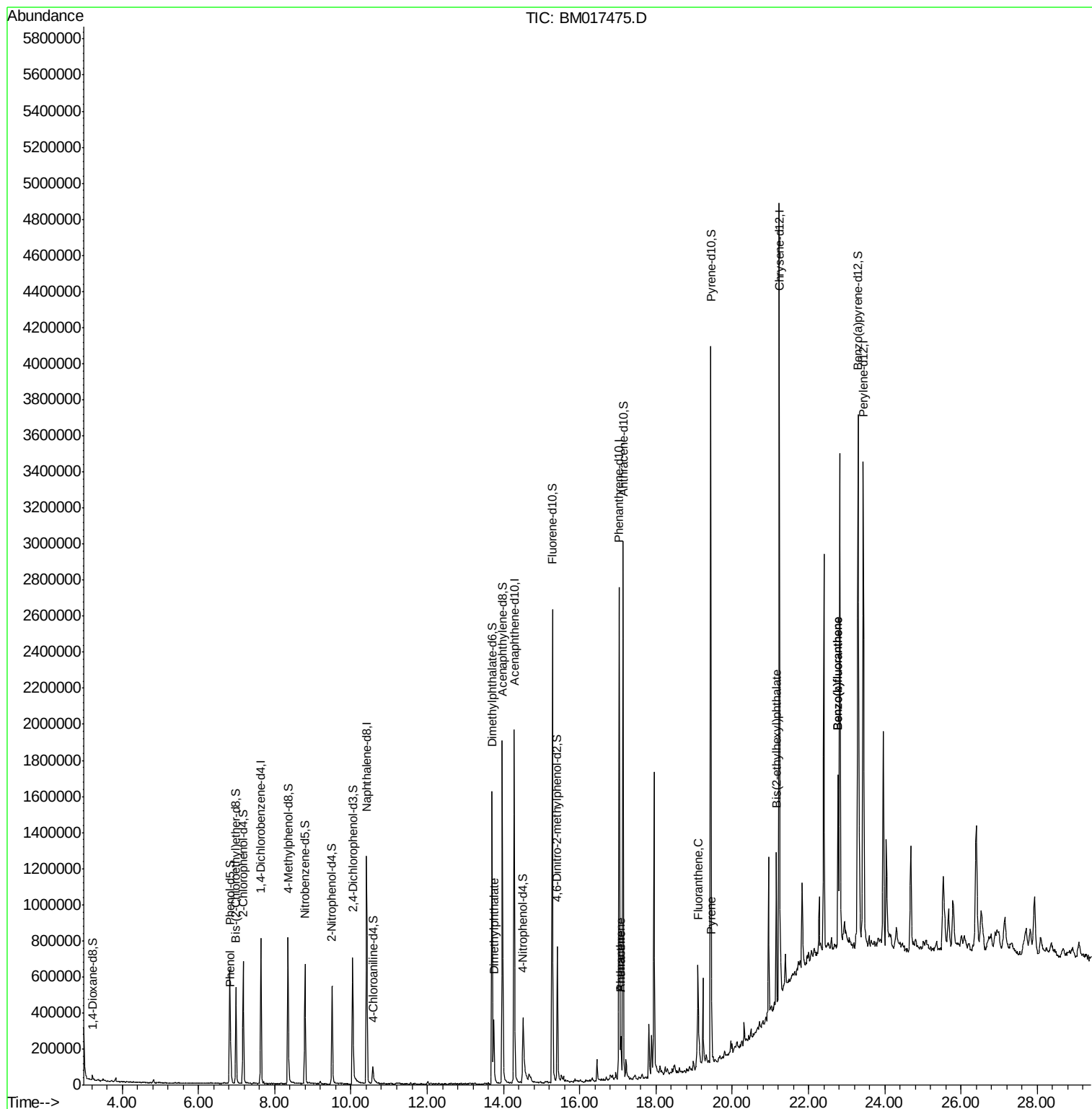
						Qvalue
6) Phenol	6.85	94	87799	4.475	ng/ul	97
45) Dimethylphthalate	13.75	163	228623	4.075	ng/ul	100
70) Phenanthrene	17.07	178	120841	1.282	ng/ul	99
72) Anthracene	17.07	178	121199	1.266	ng/ul	98
77) Fluoranthene	19.10	202	199209	1.843	ng/ul#	95
80) Pyrene	19.46	202	161824	1.431	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	277249	4.204	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	129856	1.145	ng/ul#	81
89) Benzo(k)fluoranthene	22.78	252	129856	1.172	ng/ul#	82

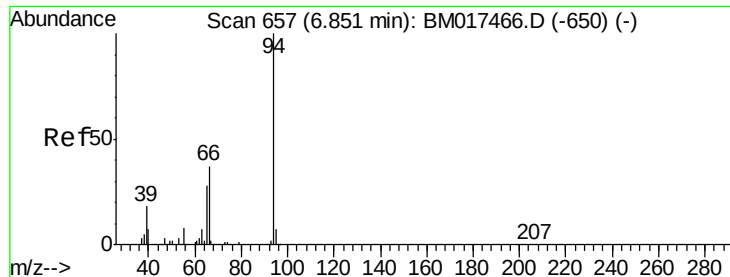
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.475 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017475.D

Acq: 01 Nov 2018 21:01

Instrument :

BNA_M

ClientSampleId :

A40H9

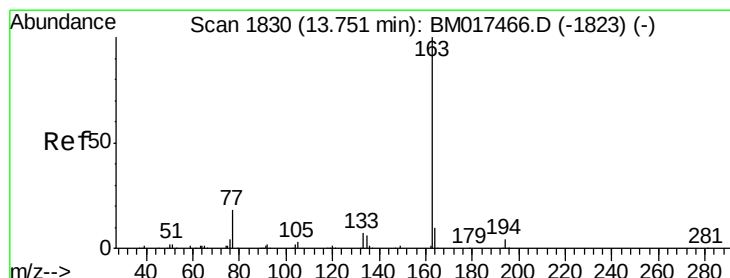
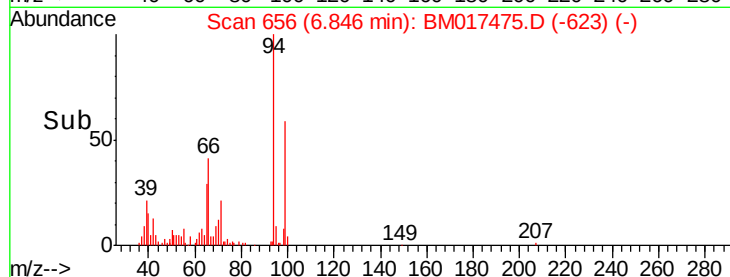
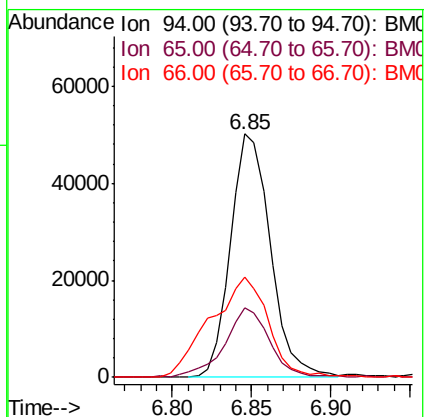
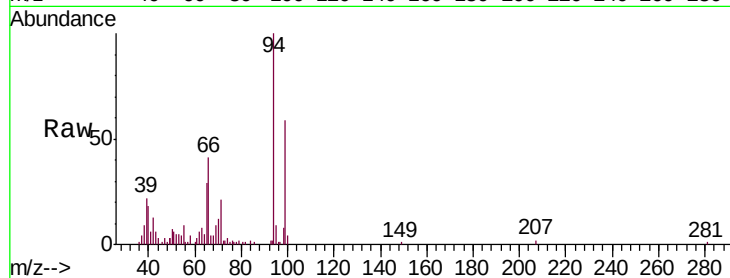
Tgt Ion: 94 Resp: 87799

Ion Ratio Lower Upper

94 100

65 28.8 24.0 36.0

66 41.3 31.1 46.7



#45

Dimethylphthalate

Concen: 4.075 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. -0.01 min

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Acq: 01 Nov 2018 21:01

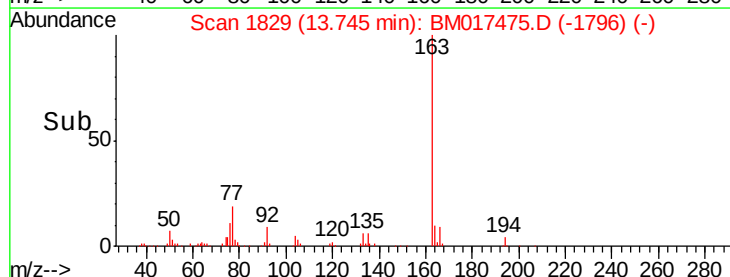
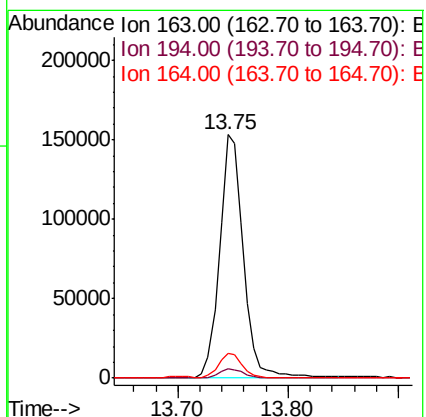
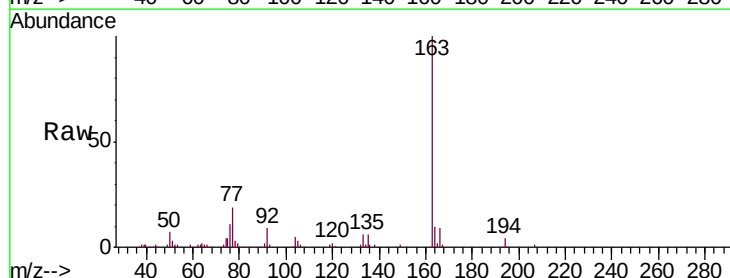
Tgt Ion: 163 Resp: 228623

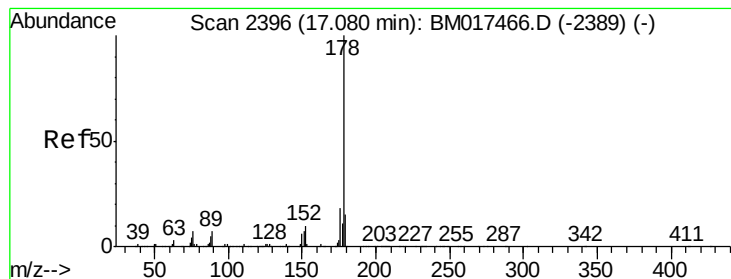
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.2 8.1 12.1





#70

Phenanthrene

Concen: 1.282 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM017475.D

Acq: 01 Nov 2018 21:01

Instrument :

BNA_M

ClientSampled :

A40H9

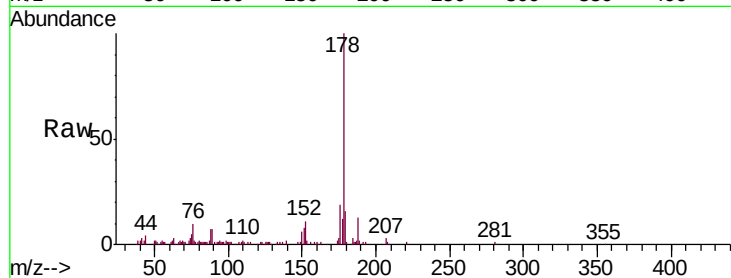
Tgt Ion:178 Resp: 120841

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.2

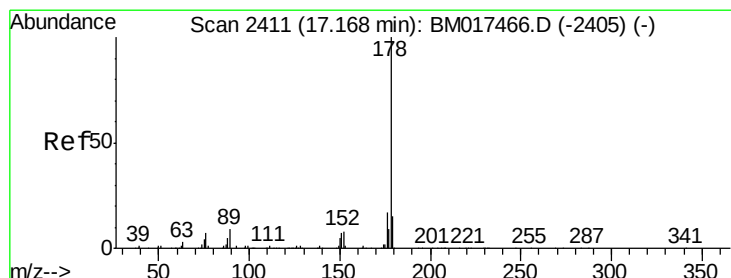
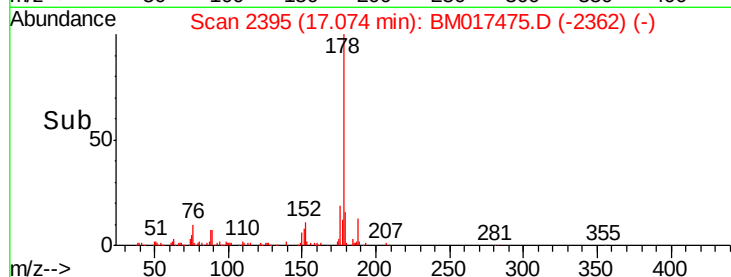
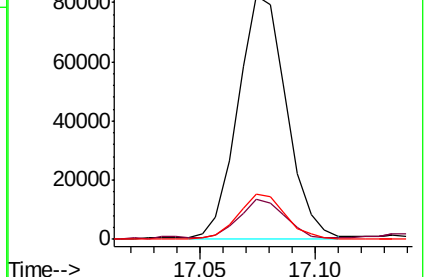
176 18.5 14.9 22.3



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



#72

Anthracene

Concen: 1.266 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.09 min

Lab File: BM017475.D

Acq: 01 Nov 2018 21:01

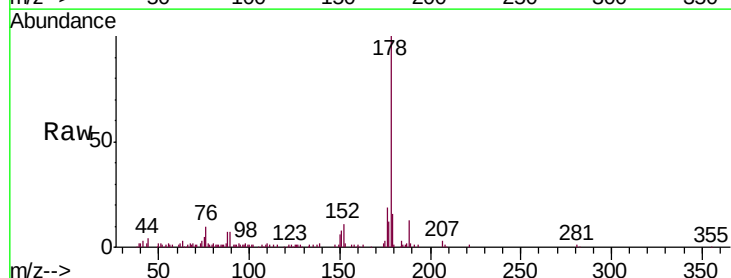
Tgt Ion:178 Resp: 121199

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.2

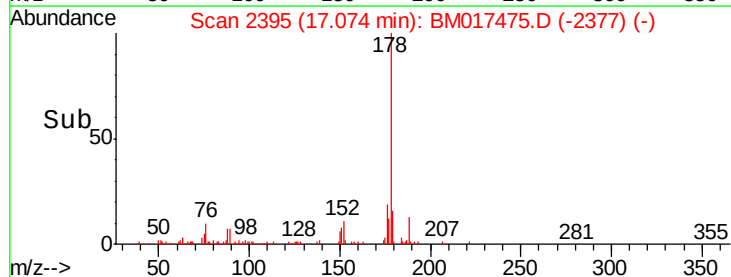
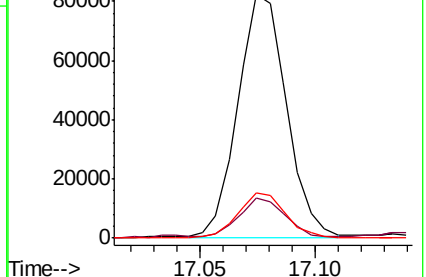
176 18.5 14.2 21.2

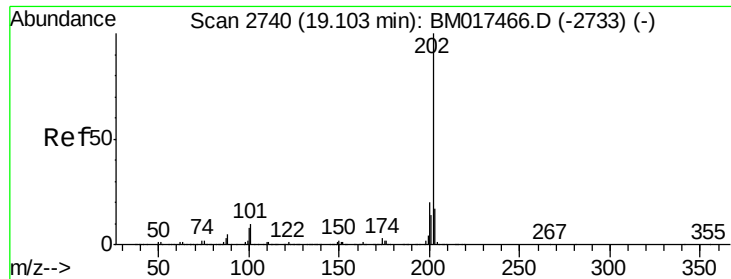


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

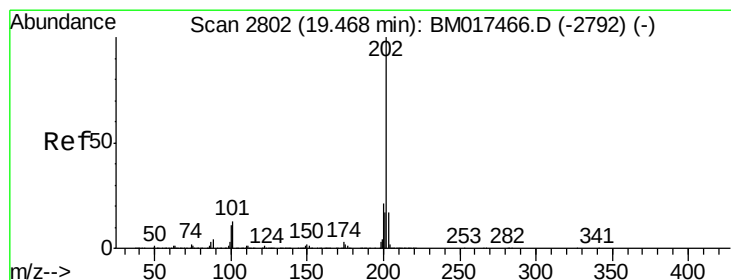
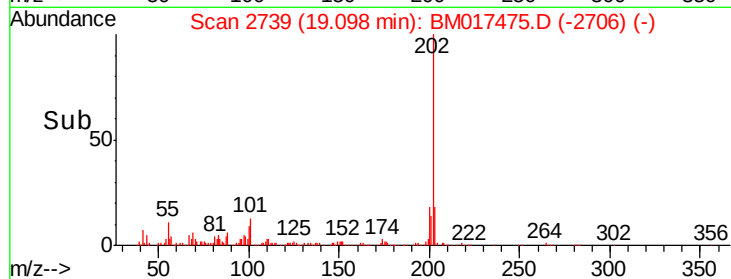
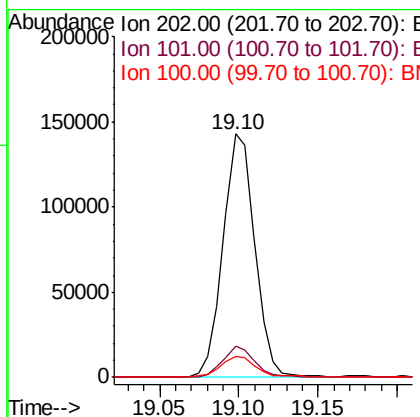
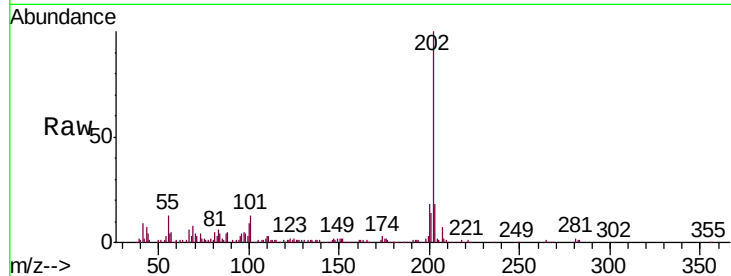




#77
 Fluoranthene
 Concen: 1.843 ng/ul
 RT: 19.10 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: BM017475.D
 Acq: 01 Nov 2018 21:01

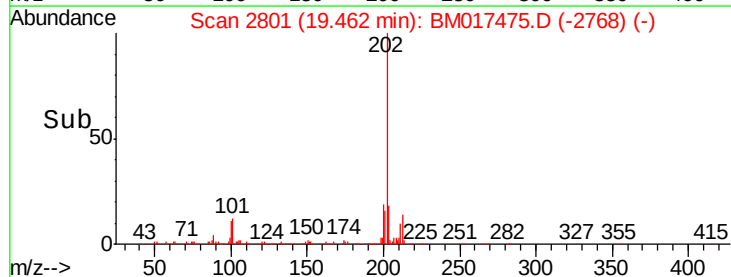
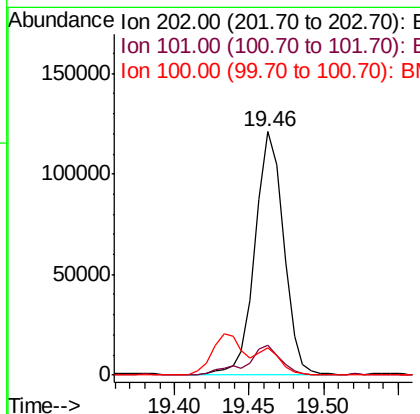
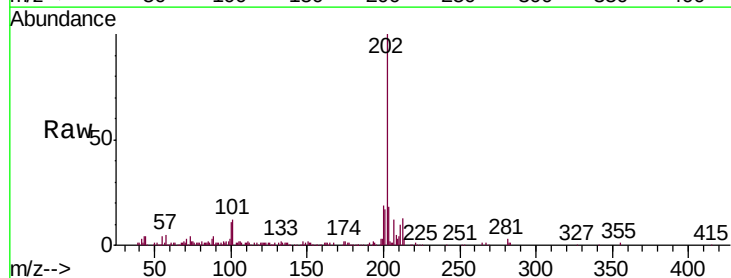
Instrument :
 BNA_M
 ClientSampleId :
 A40H9

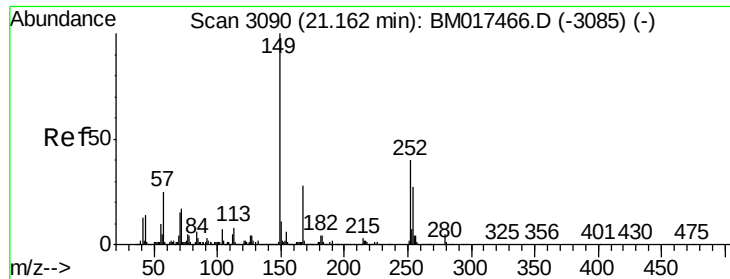
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199209		
101	12.9		8.2	12.4#
100	8.5		6.3	9.5



#80
 Pyrene
 Concen: 1.431 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BM017475.D
 Acq: 01 Nov 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	161824		
101	12.4		9.5	14.3
100	11.0		8.1	12.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.204 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM017475.D

Acq: 01 Nov 2018 21:01

Instrument :

BNA_M

ClientSampleId :

A40H9

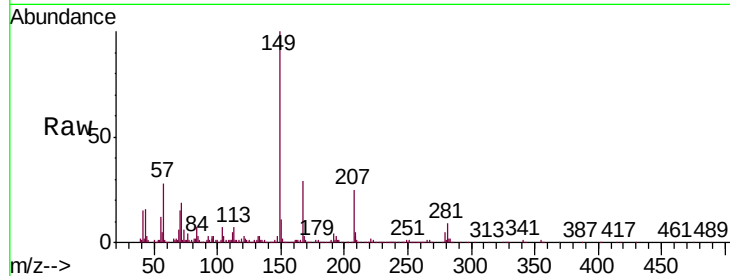
Tgt Ion:149 Resp: 277249

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

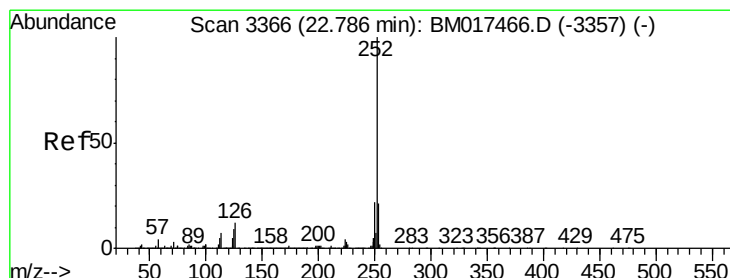
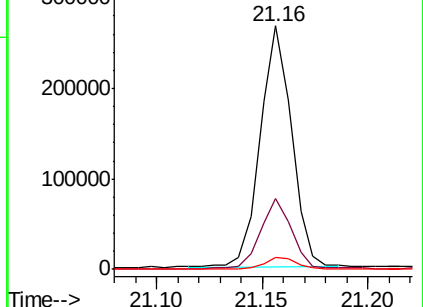
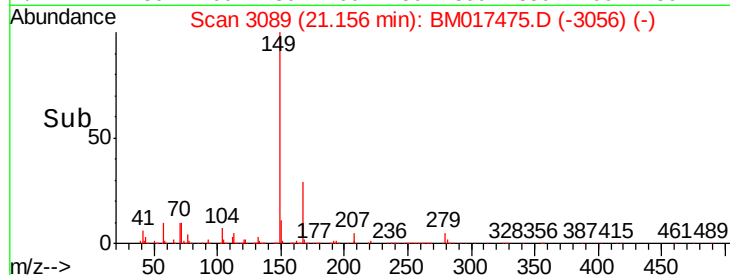
279 4.7 4.1 6.1



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



#88

Benzo(b)fluoranthene

Concen: 1.145 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM017475.D

Acq: 01 Nov 2018 21:01

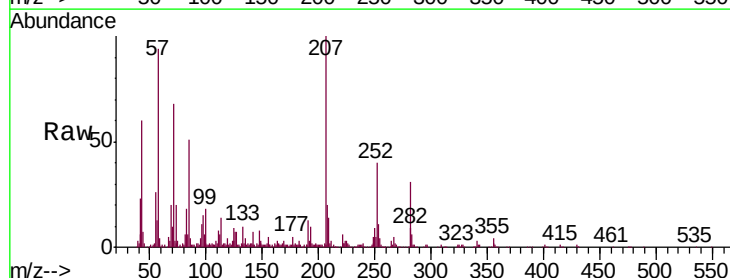
Tgt Ion:252 Resp: 129856

Ion Ratio Lower Upper

252 100

253 27.5 17.6 26.4#

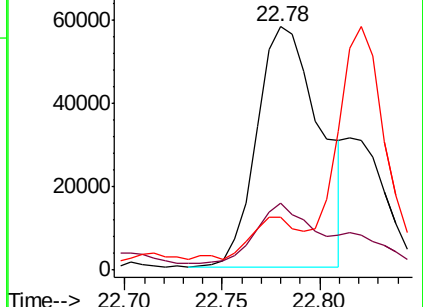
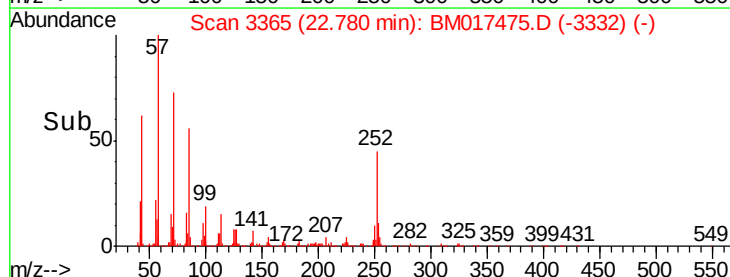
125 21.8 7.2 10.8#

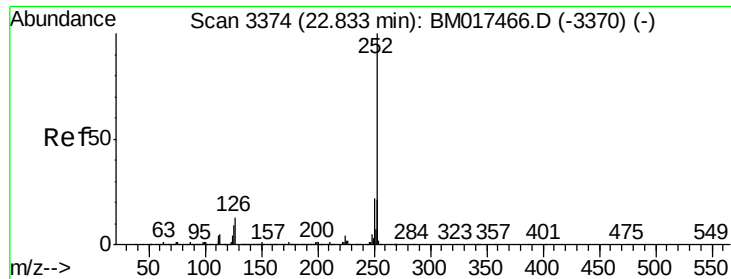


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.172 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BM017475.D

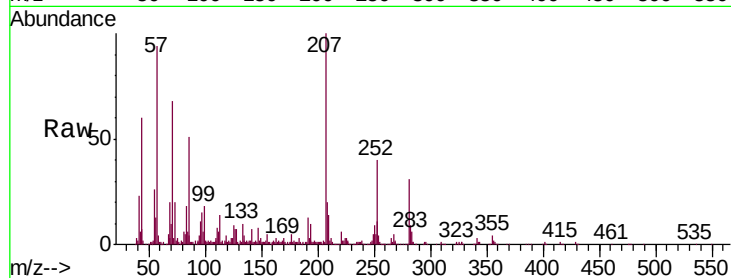
Acq: 01 Nov 2018 21:01

Instrument :

BNA_M

ClientSampleId :

A40H9



Tgt Ion: 252 Resp: 129856

Ion Ratio Lower Upper

252 100

253 27.5 17.7 26.5#

125 21.8 7.8 11.6#

