

Data File : BN009906.D
Acq On : 25 Feb 2020 18:06
Operator : CG/JU
Sample : L1568-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDA5

Quant Time: Feb 26 07:10:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79295	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	327536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	201598	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	428683	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	441270	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	445782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	15853	8.22	ng/uL	0.00
5) Phenol-d5	6.59	99	312901	46.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	223430	48.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	251186	49.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	264220	49.25	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	120648	50.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	137395	52.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	243425	48.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	252349	44.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	736440	48.91	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	909976	51.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	105347	38.31	ng/ul	0.00
58) Fluorene-d10	15.03	176	641478	49.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	101925	38.27	ng/ul	0.00
71) Anthracene-d10	16.88	188	994758	50.62	ng/ul	0.00
79) Pyrene-d10	19.19	212	1122289	48.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1186169	53.28	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.62	94	11111	1.537	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.10	70	7201	1.576	ng/ul#	1
21) Isophorone	9.24	82	14080	1.133	ng/ul#	74
28) Naphthalene	10.18	128	4098920	232.069	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	623905	50.872	ng/ul	96
35) 1-Methylnaphthalene	12.03	142	360746	29.345	ng/uL	99
41) 1,1'-Biphenyl	12.85	154	149131	9.631	ng/ul	98
45) Dimethylphthalate	13.50	163	67597	4.302	ng/ul	97
50) Acenaphthene	14.09	153	555640	42.225	ng/ul	99
54) Dibenzofuran	14.43	168	354917	19.216	ng/ul	97
59) Fluorene	15.09	166	251069	16.198	ng/ul	95
70) Phenanthrene	16.83	178	203091	8.301	ng/ul	98
75) Carbazole	17.20	167	197290	8.958	ng/ul	99
77) Fluoranthene	18.86	202	83514	2.914	ng/ul	99
80) Pyrene	19.22	202	62528	1.965	ng/ul#	94

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

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Operator : CG/JU

Sample : L1568-02

Misc :

ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

DBDA5

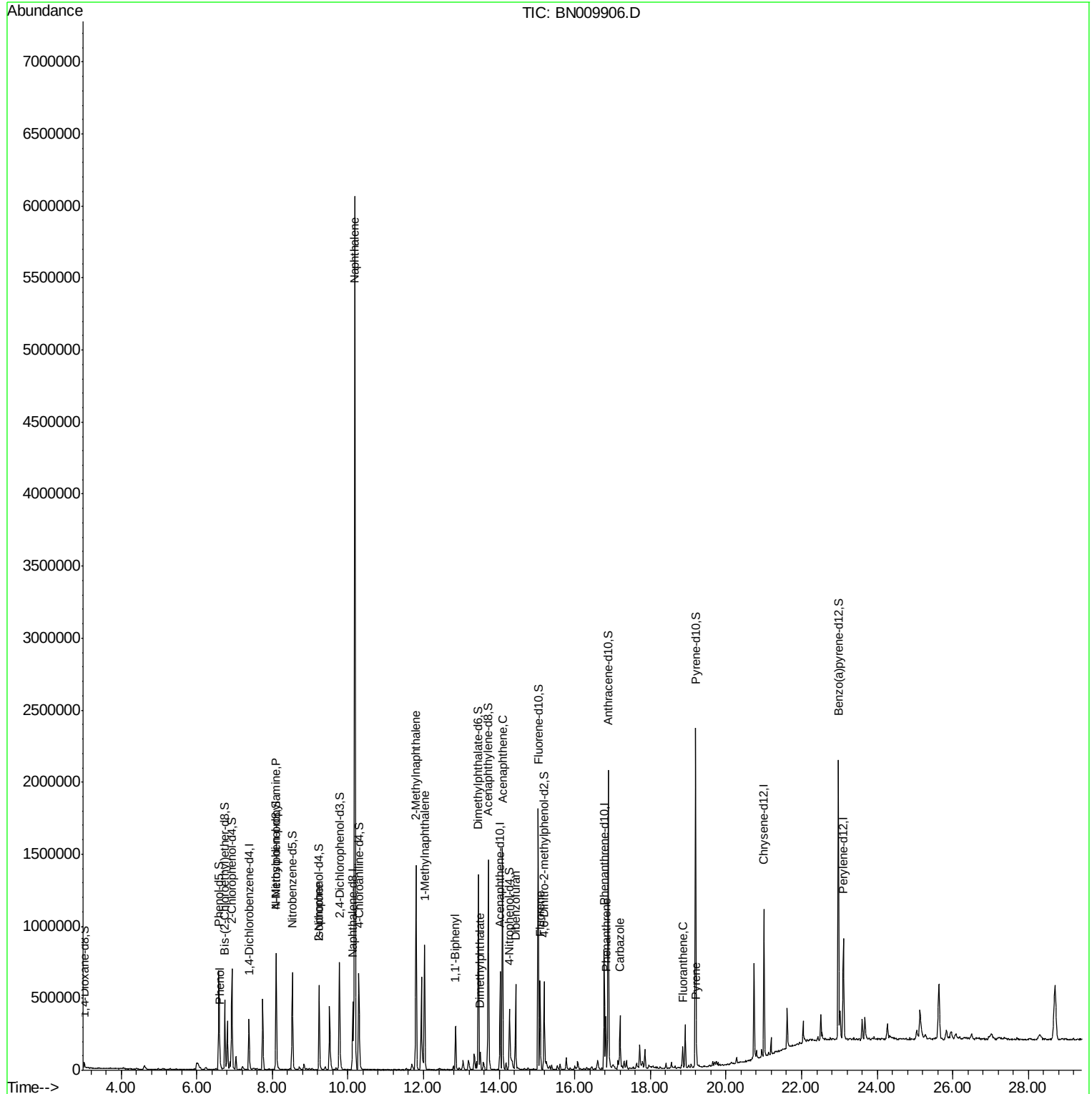
Quant Time: Feb 26 07:10:28 2020

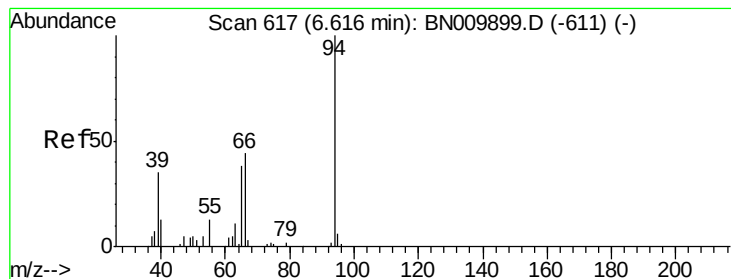
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 26 07:04:59 2020

Response via : Initial Calibration





#6

Phenol

Concen: 1.537 ng/ul

RT: 6.62 min Scan# 617

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Instrument :

BNA_N

ClientSampleId :

DBDA5

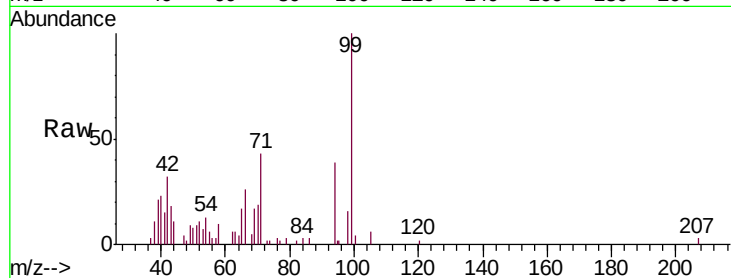
Tgt Ion: 94 Resp: 11111

Ion Ratio Lower Upper

94 100

65 44.1 27.6 41.4#

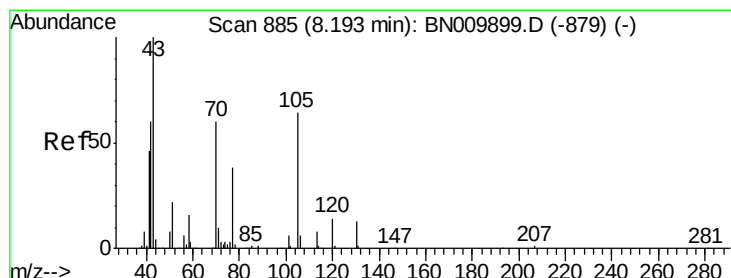
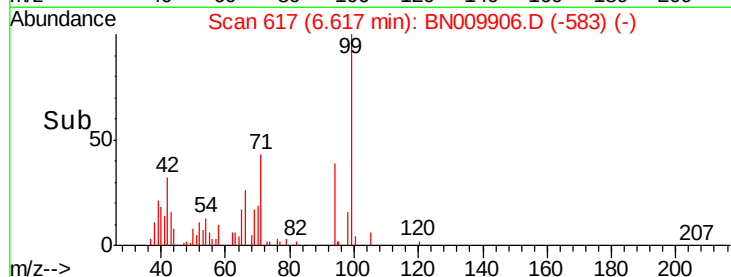
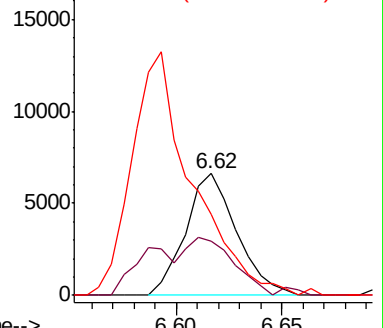
66 66.8 38.5 57.7#



Abundance Ion 94.00 (93.70 to 94.70): BN009906.D (-583) (-)

Ion 65.00 (64.70 to 65.70): BN009906.D (-583) (-)

Ion 66.00 (65.70 to 66.70): BN009906.D (-583) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.576 ng/ul

RT: 8.10 min Scan# 870

Delta R.T. -0.09 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Tgt Ion: 70 Resp: 7201

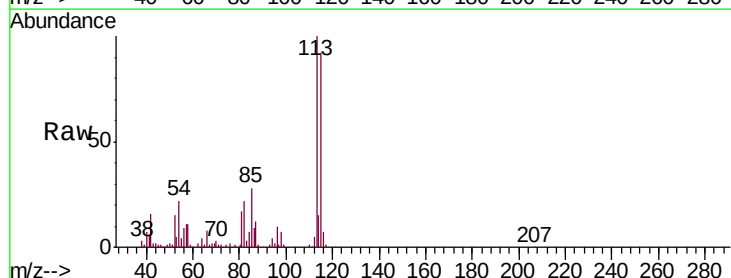
Ion Ratio Lower Upper

70 100

42 497.6 72.6 108.8#

101 0.0 7.7 11.5#

130 0.0 14.7 22.1#

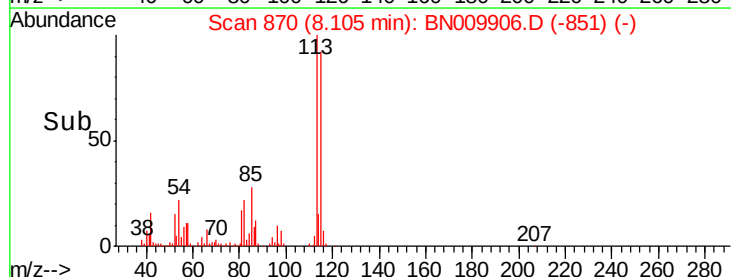
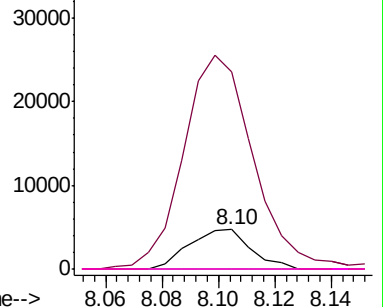


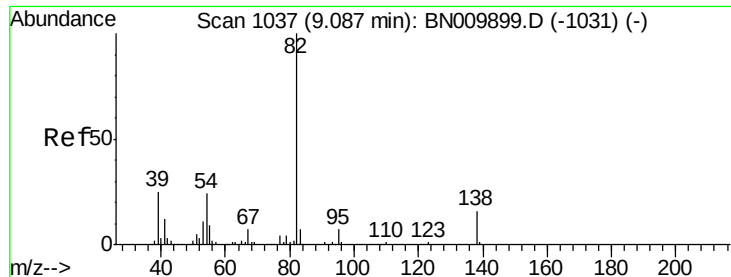
Abundance Ion 70.00 (69.70 to 70.70): BN009906.D (-851) (-)

Ion 42.00 (41.70 to 42.70): BN009906.D (-851) (-)

Ion 101.00 (100.70 to 101.70): BN009906.D (-851) (-)

Ion 130.00 (129.70 to 130.70): BN009906.D (-851) (-)





#21

Isophorone

Concen: 1.133 ng/ul

RT: 9.24 min Scan# 1063

Delta R.T. 0.15 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Instrument :

BNA_N

ClientSampleId :

DBDA5

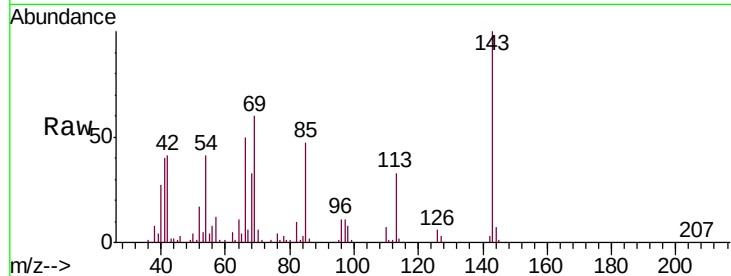
Tgt Ion: 82 Resp: 14080

Ion Ratio Lower Upper

82 100

95 7.1 6.0 9.0

138 0.0 12.6 19.0#

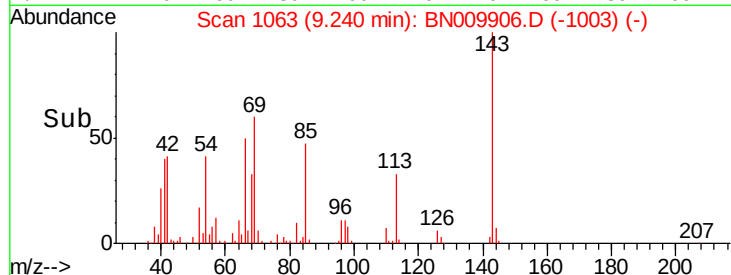


Abundance Ion 82.00 (81.70 to 82.70): BN009899.D (-1031) (-)

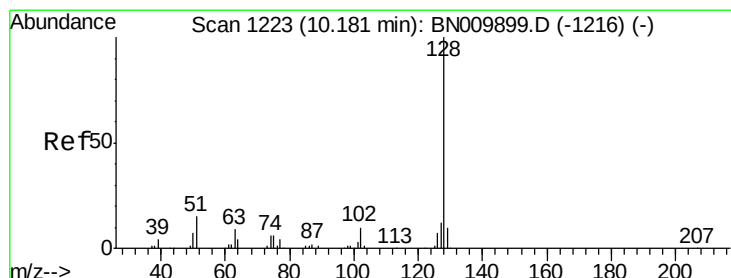
Ion 95.00 (94.70 to 95.70): BN009899.D (-1031) (-)

Ion 138.00 (137.70 to 138.70): BN009899.D (-1031) (-)

Time-->



Time-->



#28

Naphthalene

Concen: 232.069 ng/ul

RT: 10.18 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

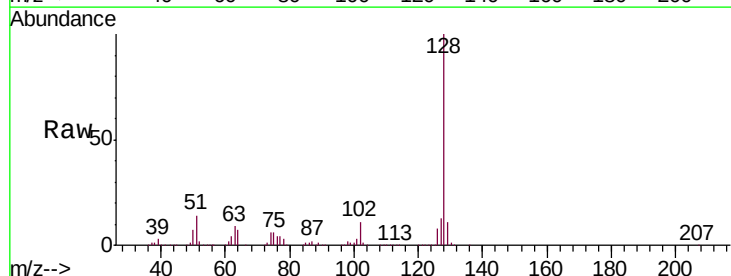
Tgt Ion: 128 Resp: 4098920

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.1 10.3 15.5

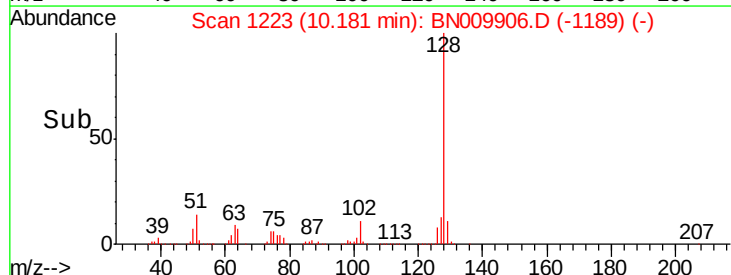


Abundance Ion 128.00 (127.70 to 128.70): BN009899.D (-1216) (-)

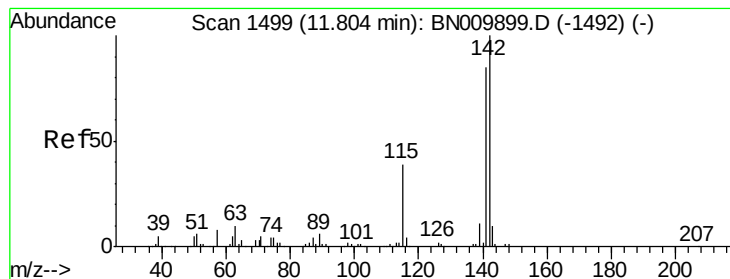
Ion 129.00 (128.70 to 129.70): BN009899.D (-1216) (-)

Ion 127.00 (126.70 to 127.70): BN009899.D (-1216) (-)

Time-->



Time-->



#34

2-Methylnaphthalene

Concen: 50.872 ng/uL

RT: 11.80 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Instrument :

BNA_N

ClientSampleId :

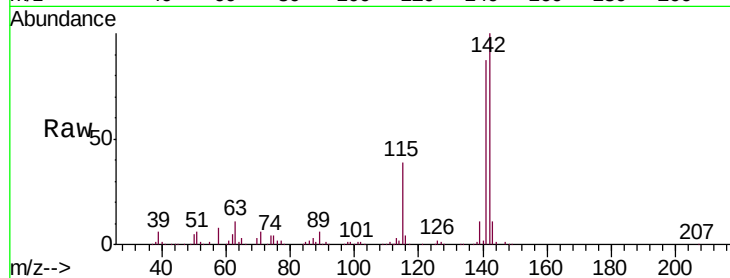
DBDA5

Tgt Ion:142 Resp: 623905

Ion Ratio Lower Upper

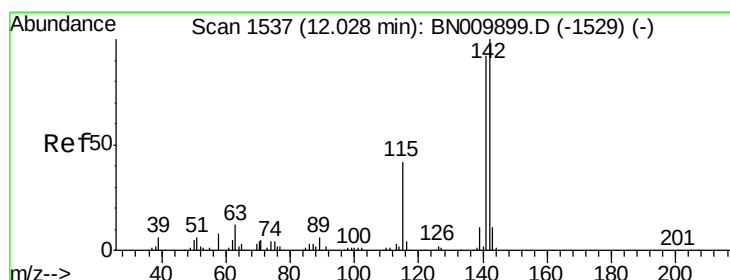
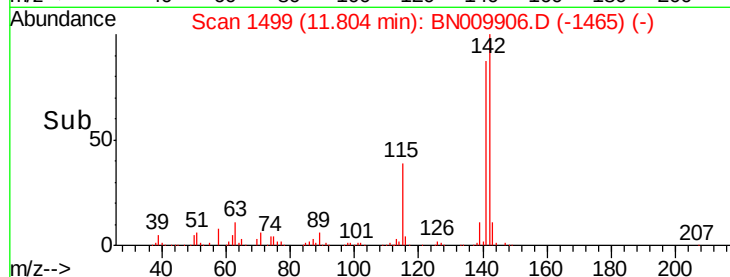
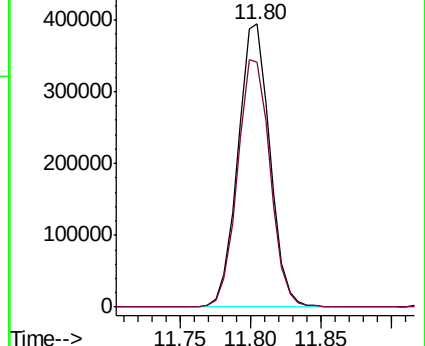
142 100

141 86.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 29.345 ng/uL

RT: 12.03 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

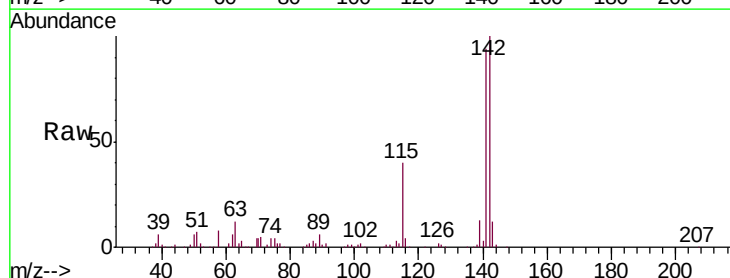
Tgt Ion:142 Resp: 360746

Ion Ratio Lower Upper

142 100

141 92.4 72.8 109.2

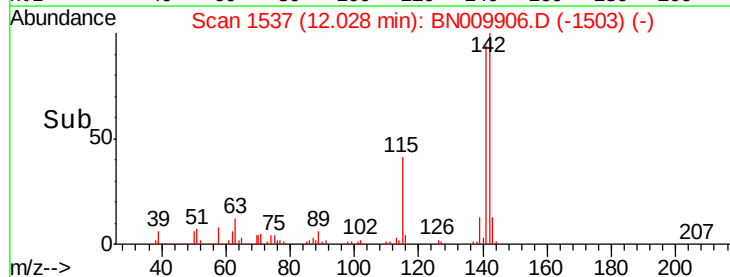
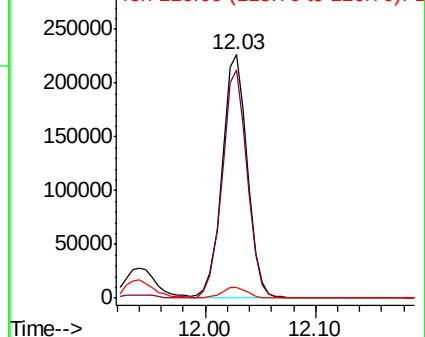
116 4.5 3.2 4.8

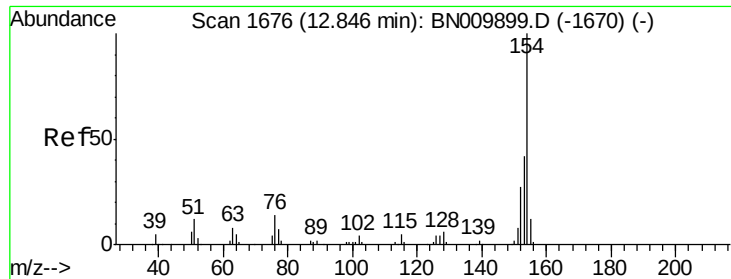


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

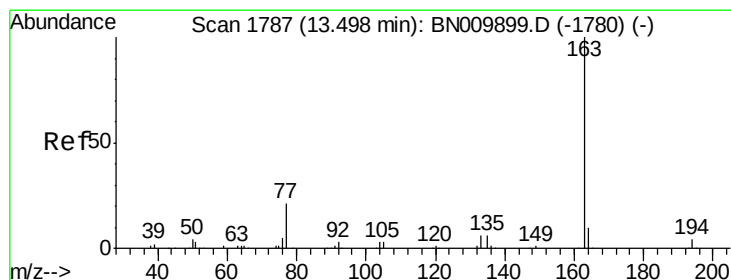
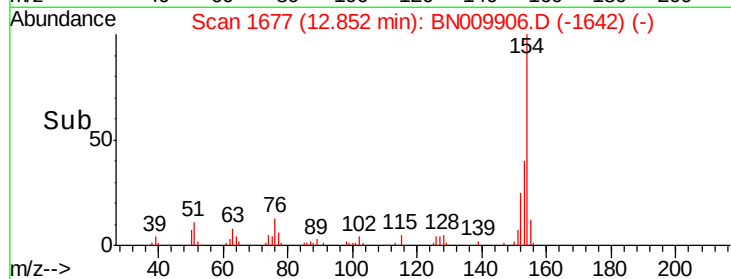
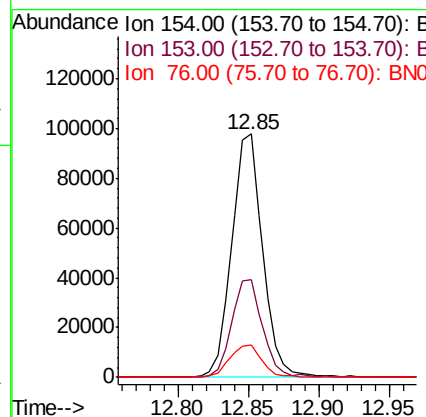
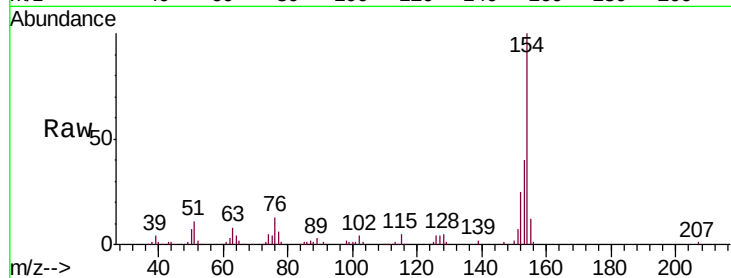




#41
 1,1'-Biphenyl
 Concen: 9.631 ng/ul
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BN009906.D
 Acq: 25 Feb 2020 18:06

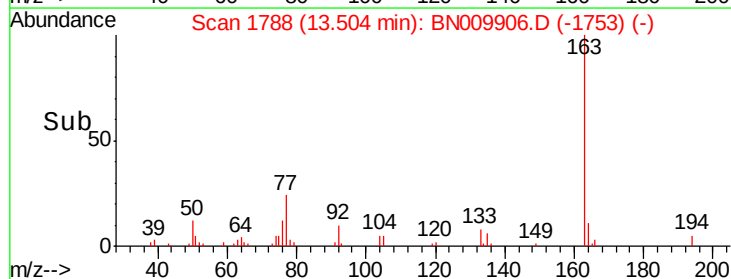
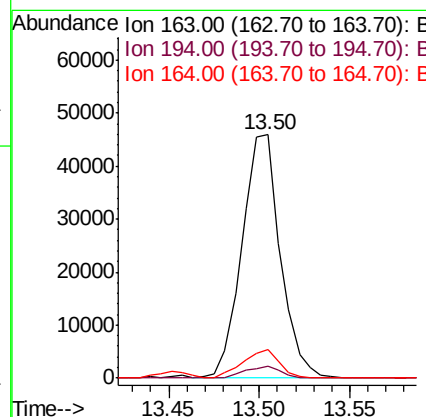
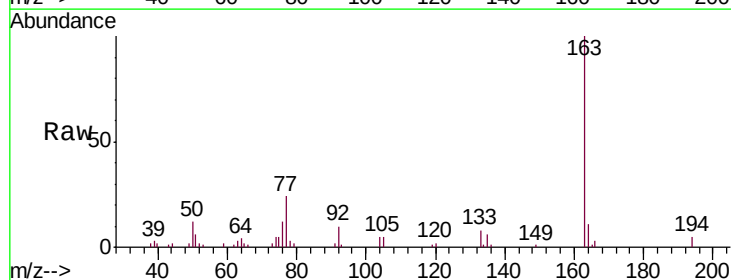
Instrument :
 BNA_N
 ClientSampleId :
 DBDA5

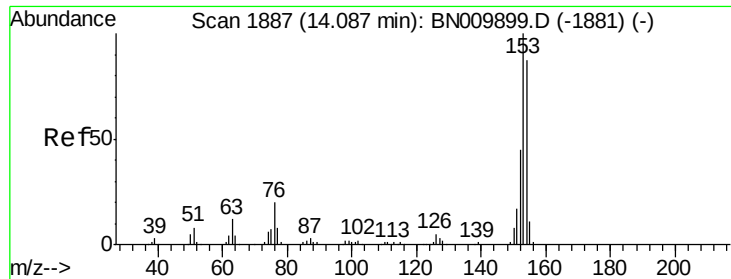
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	33.2	49.8
76	13.1	11.0	16.4



#45
 Dimethylphthalate
 Concen: 4.302 ng/ul
 RT: 13.50 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BN009906.D
 Acq: 25 Feb 2020 18:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	11.5	8.0	12.0





#50

Acenaphthene

Concen: 42.225 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Instrument :

BNA_N

ClientSampleId :

DBDA5

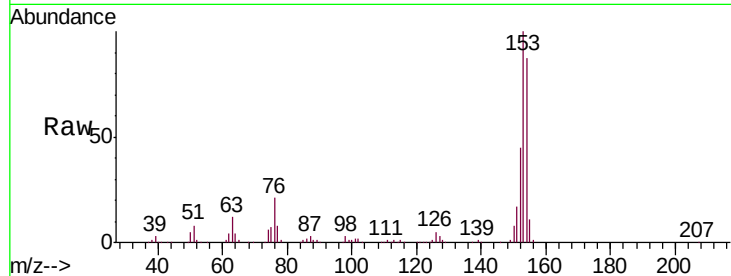
Tgt Ion:153 Resp: 555640

Ion Ratio Lower Upper

153 100

152 45.3 36.6 54.8

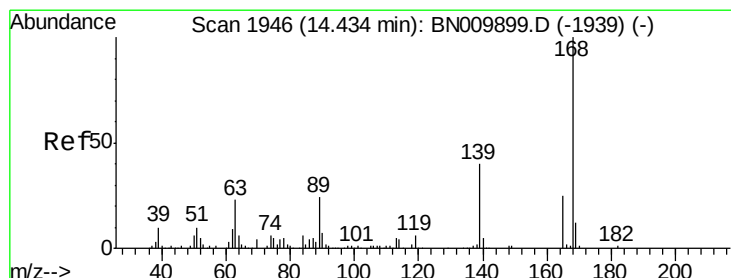
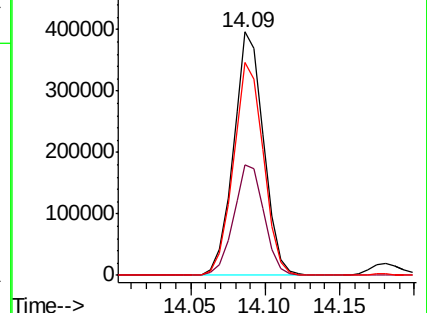
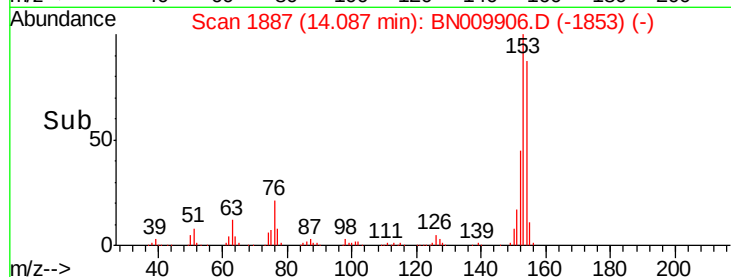
154 87.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 19.216 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BN009906.D

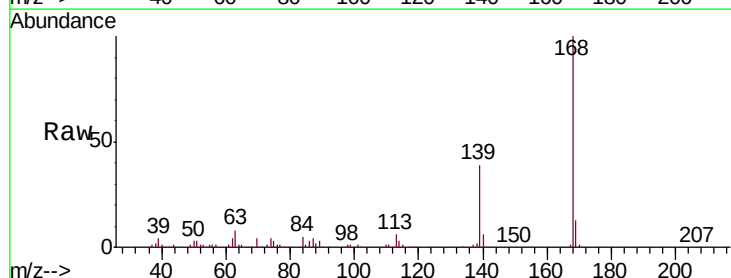
Acq: 25 Feb 2020 18:06

Tgt Ion:168 Resp: 354917

Ion Ratio Lower Upper

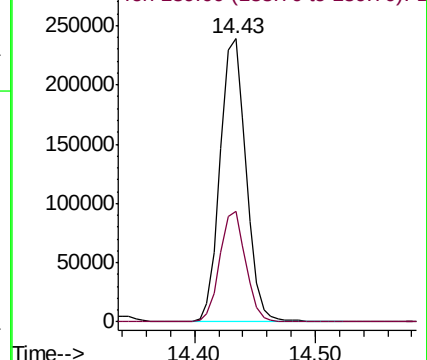
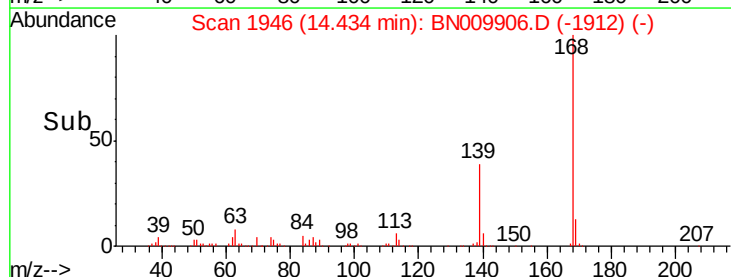
168 100

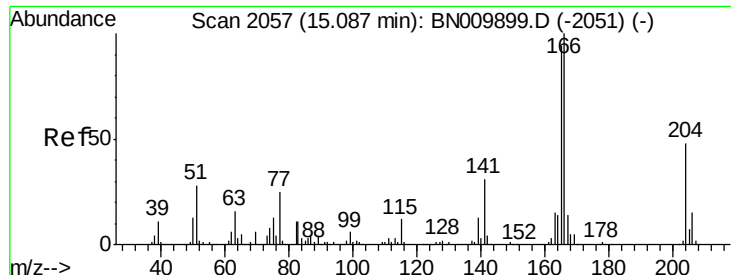
139 38.9 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 16.198 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

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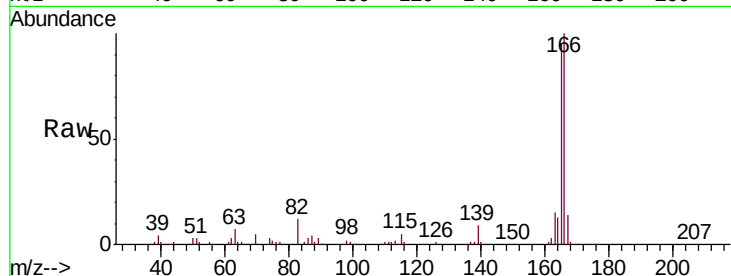
Tgt Ion:166 Resp: 251069

Ion Ratio Lower Upper

166 100

165 94.7 79.8 119.8

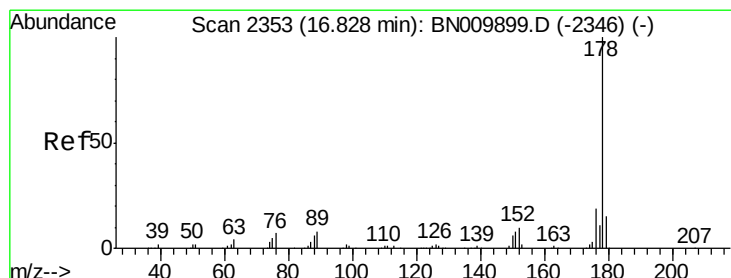
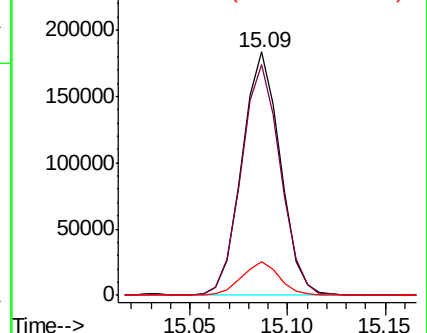
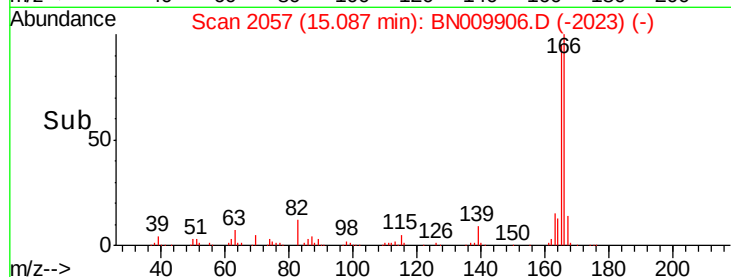
167 13.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 8.301 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

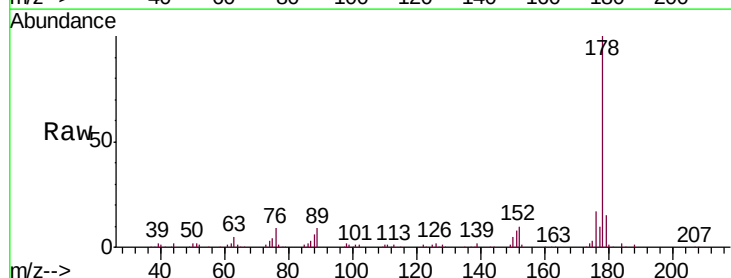
Tgt Ion:178 Resp: 203091

Ion Ratio Lower Upper

178 100

179 15.0 12.5 18.7

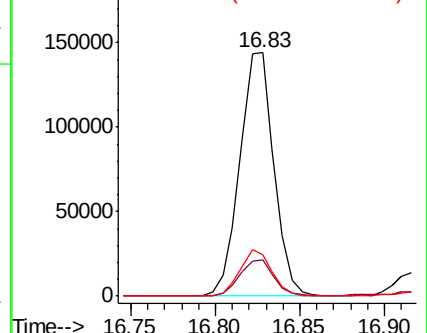
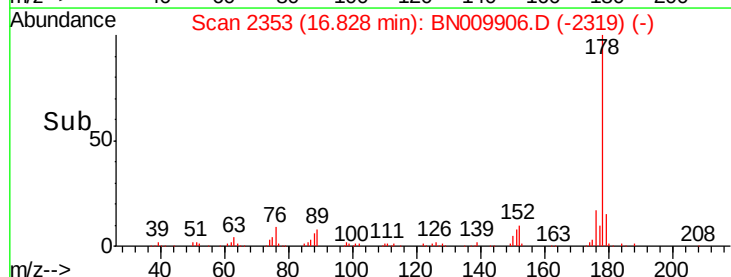
176 17.2 14.6 22.0

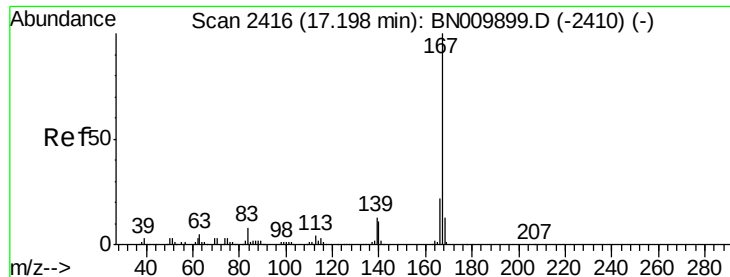


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 8.958 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

Instrument :

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DBDA5

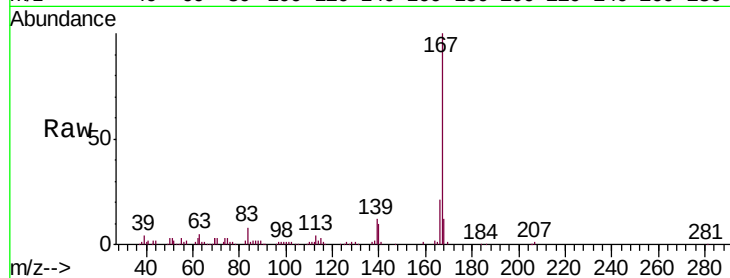
Tgt Ion:167 Resp: 197290

Ion Ratio Lower Upper

167 100

166 21.2 16.6 24.8

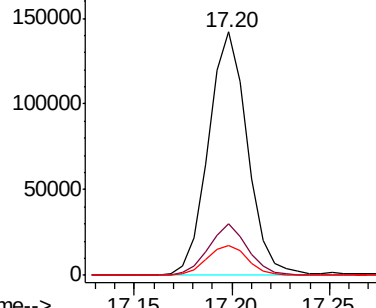
139 12.5 9.9 14.9



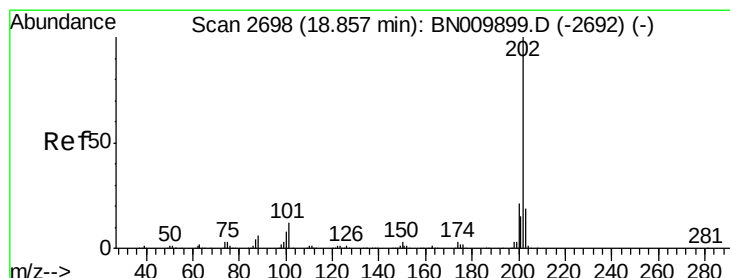
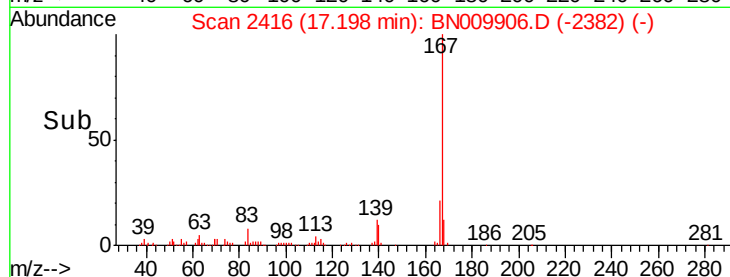
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 2.914 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BN009906.D

Acq: 25 Feb 2020 18:06

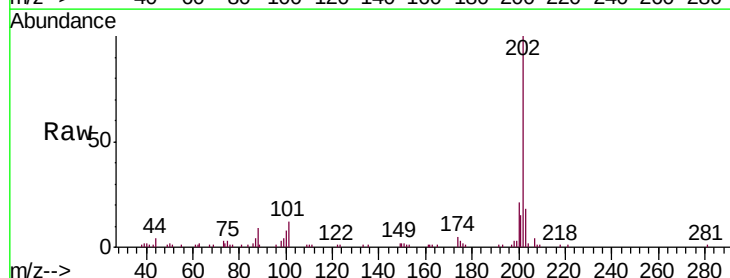
Tgt Ion:202 Resp: 83514

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

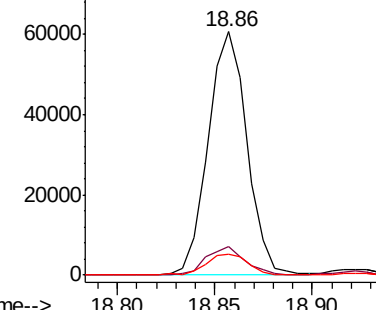
100 8.4 7.2 10.8



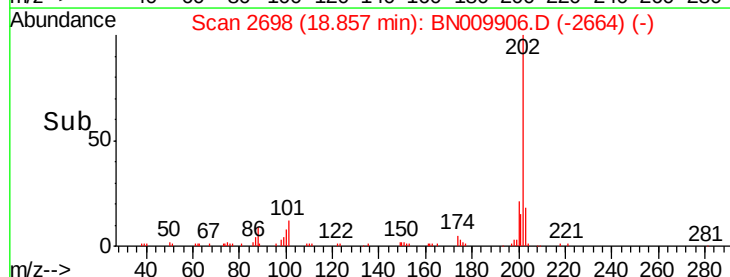
Abundance Ion 202.00 (201.70 to 202.70): E

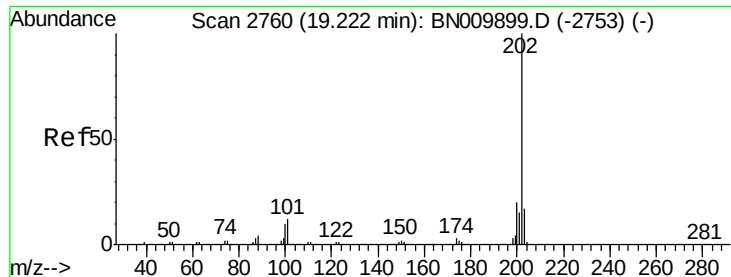
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#80
 Pyrene
 Concen: 1.965 ng/ul
 RT: 19.22 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BN009906.D
 Acq: 25 Feb 2020 18:06

Instrument :
 BNA_N
 ClientSampleId :
 DBDA5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.3	16.9#
100	10.8	9.0	13.6

