

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005623.D
 Acq On : 11 May 2019 13:07
 Operator : JU/SJ
 Sample : K2603-10MEDL 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ62MEDL

Quant Time: May 11 23:20:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	201473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	838975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	480075	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	952273	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	772150	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	857149	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	433	0.10	ng/uL	0.00
5) Phenol-d5	6.78	99	9060	0.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	8015	0.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	10171	0.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	7079	0.57	ng/ul	0.03
19) Nitrobenzene-d5	8.75	128	5898	1.14	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	4744	0.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	8209	0.68	ng/ul	0.05
29) 4-Chloroaniline-d4	10.47	131	2404	0.19	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	38098	1.09	ng/ul	0.01
46) Acenaphthylene-d8	13.90	160	46012	1.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	556	0.10	ng/ul	0.12
57) Fluorene-d10	15.22	176	34336	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	45962	1.15	ng/ul	0.00
78) Pyrene-d10	19.39	212	42299	1.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	37992	1.01	ng/ul	0.00

Target Compounds

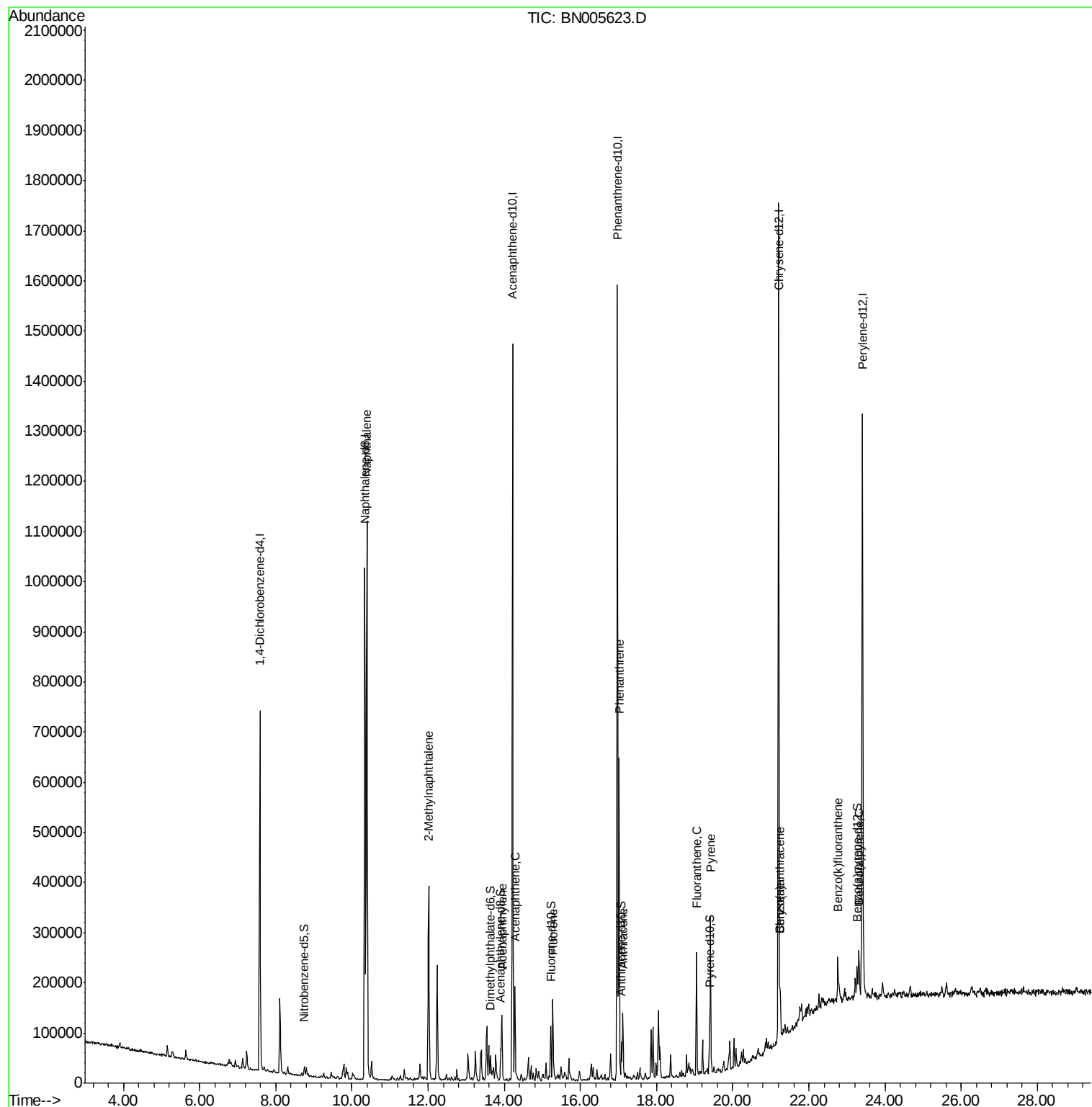
					Qvalue	
28) Naphthalene	10.39	128	958974	24.587	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	211120	7.393	ng/ul	97
47) Acenaphthylene	13.94	152	81665	1.941	ng/ul#	96
49) Acenaphthene	14.28	153	76213	2.654	ng/ul	98
58) Fluorene	15.28	166	87724	2.719	ng/ul	97
69) Phenanthrene	17.02	178	405856	8.751	ng/ul	99
71) Anthracene	17.12	178	97916	2.073	ng/ul	95
76) Fluoranthene	19.05	202	151355	2.942	ng/ul#	94
79) Pyrene	19.42	202	211088	4.246	ng/ul	95
82) Benzo(a)anthracene	21.24	228	62509	1.301	ng/ul	94
84) Chrysene	21.24	228	61959	1.390	ng/ul	97
88) Benzo(k)fluoranthene	22.76	252	47542	1.033	ng/ul	99
90) Benzo(a)pyrene	23.31	252	50545	1.116	ng/ul	98

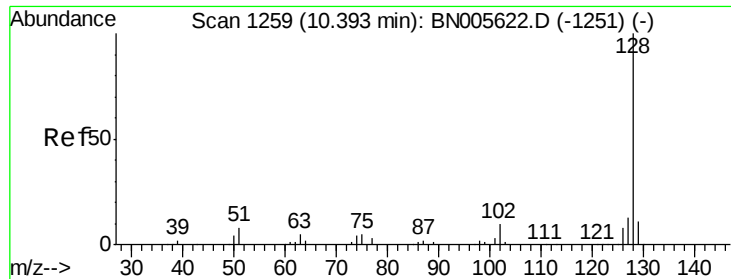
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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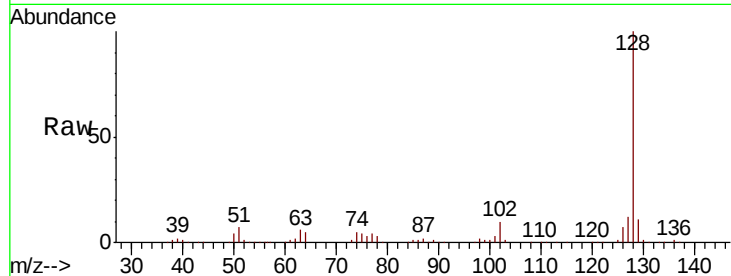




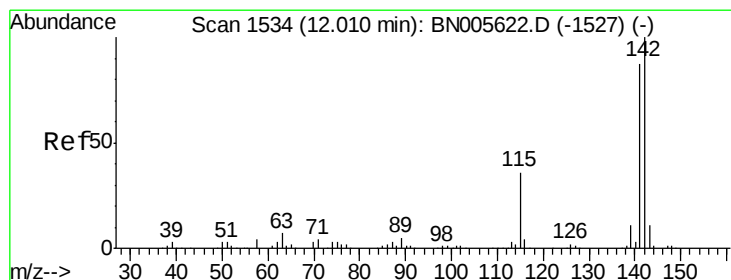
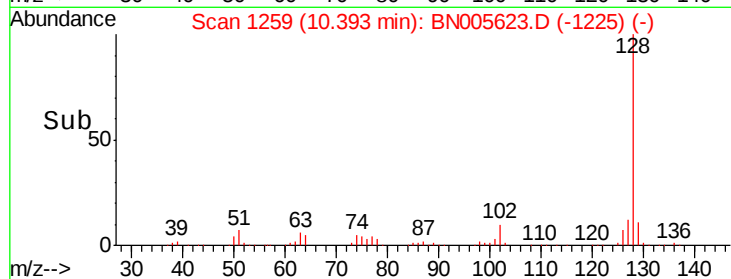
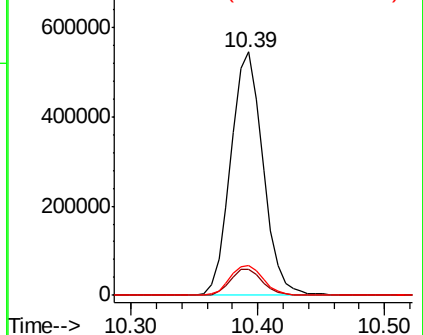
#28
Naphthalene
Concen: 24.587 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BN005623.D
Acq: 11 May 2019 13:07

Instrument :
BNA_N
ClientSampleId :
GAJ62MEDL

Tgt Ion:128 Resp: 958974
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 12.3 10.7 16.1

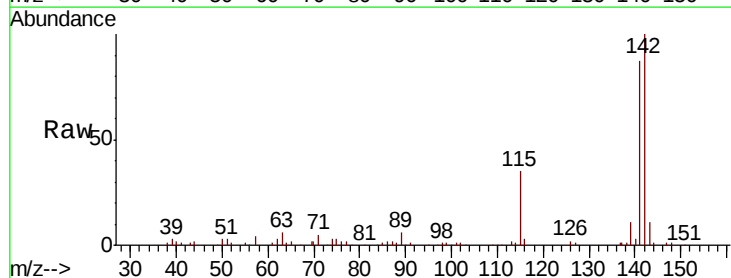


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

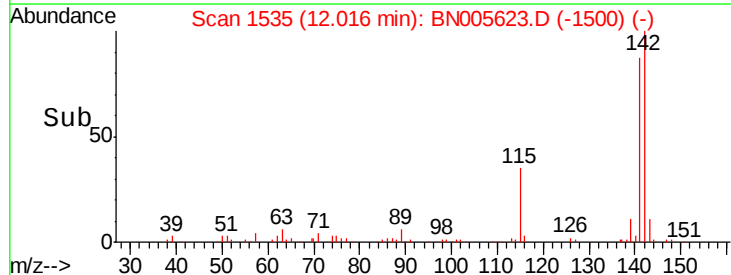
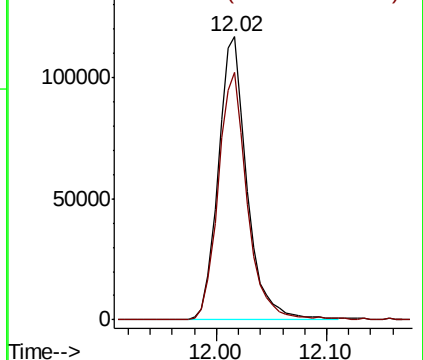


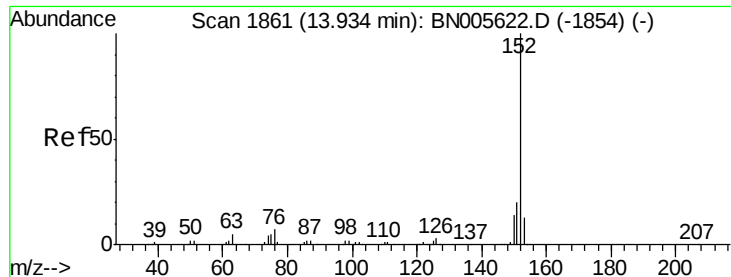
#34
2-Methylnaphthalene
Concen: 7.393 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BN005623.D
Acq: 11 May 2019 13:07

Tgt Ion:142 Resp: 211120
Ion Ratio Lower Upper
142 100
141 87.5 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#47

Acenaphthylene

Concen: 1.941 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BN005623.D

Acq: 11 May 2019 13:07

Instrument :

BNA_N

ClientSampleId :

GAJ62MEDL

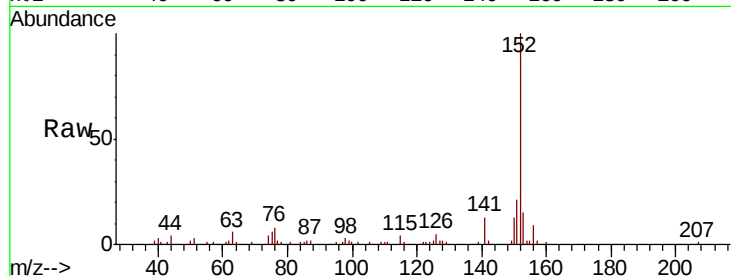
Tgt Ion:152 Resp: 81665

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

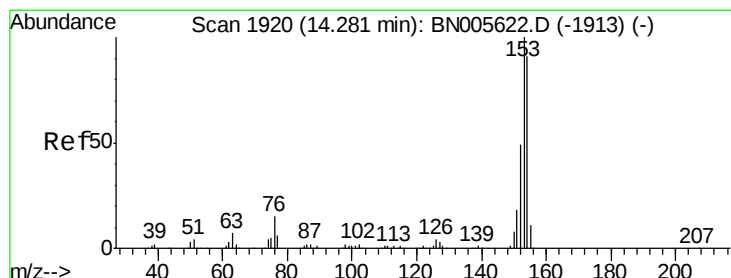
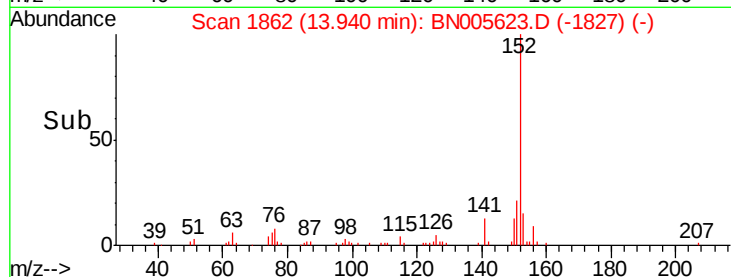
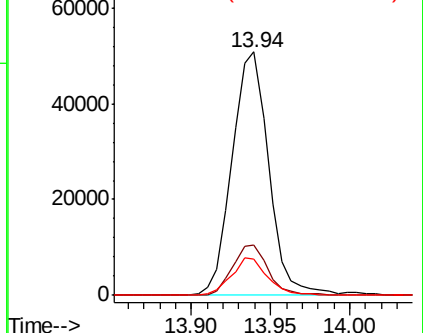
153 15.1 9.8 14.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 2.654 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BN005623.D

Acq: 11 May 2019 13:07

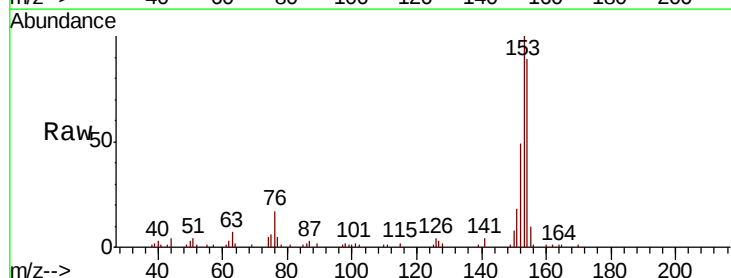
Tgt Ion:153 Resp: 76213

Ion Ratio Lower Upper

153 100

152 49.0 37.4 56.0

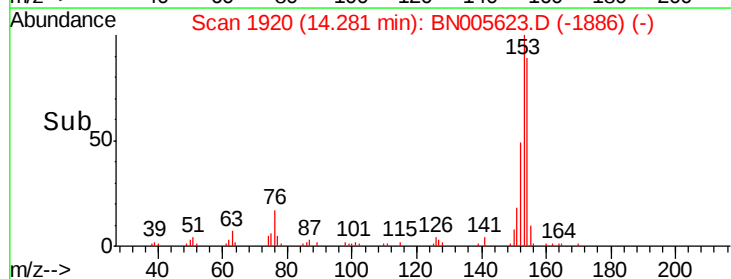
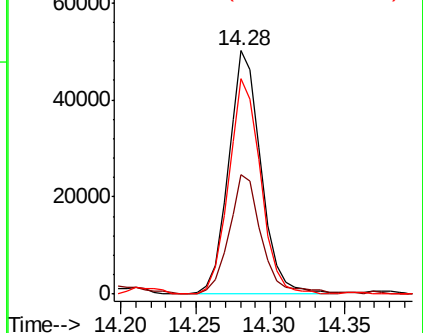
154 88.5 71.2 106.8

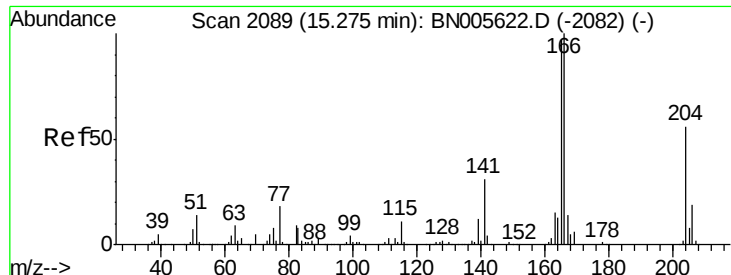


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

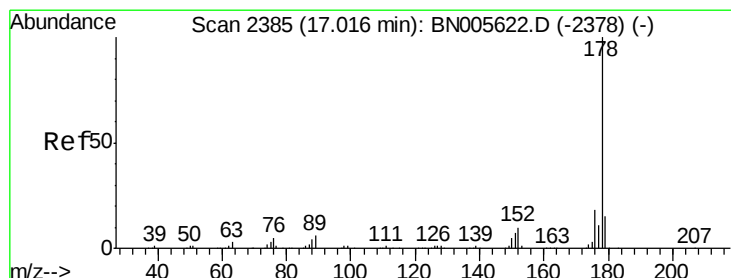
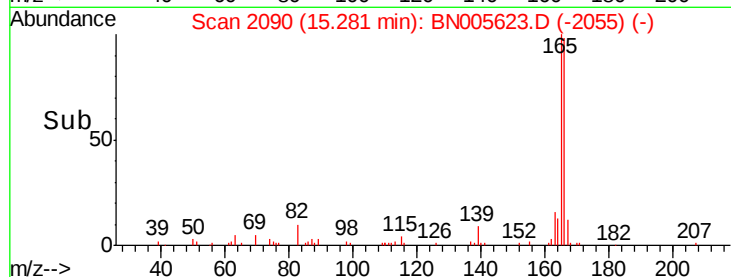
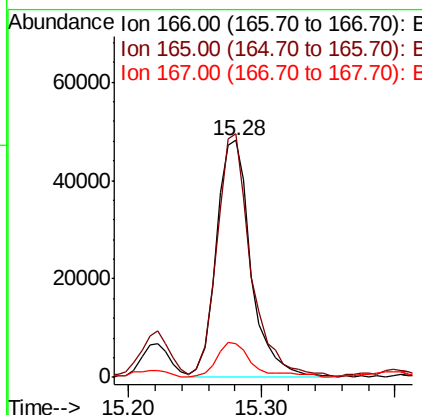
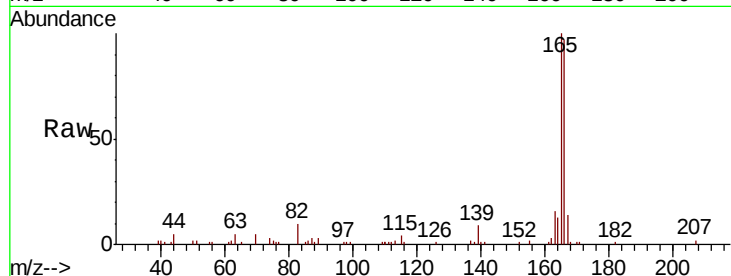




#58
 Fluorene
 Concen: 2.719 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BN005623.D
 Acq: 11 May 2019 13:07

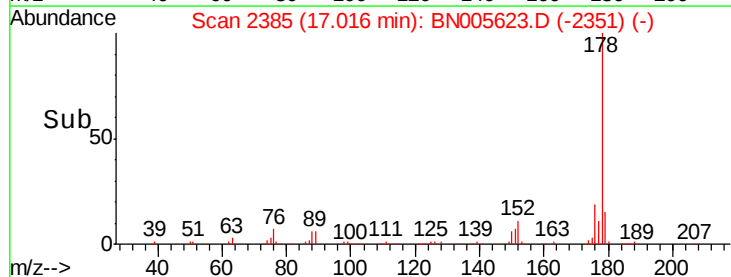
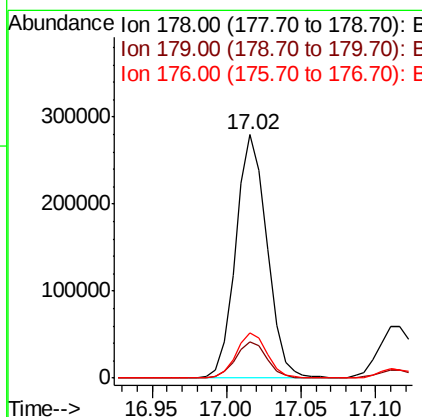
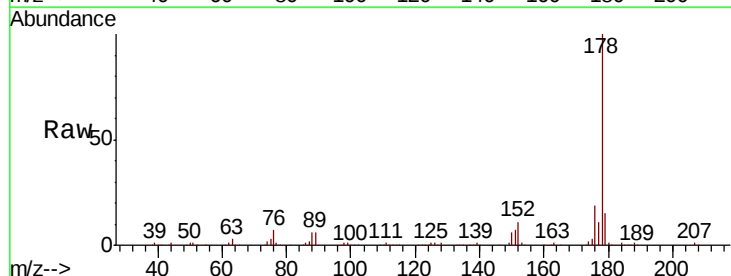
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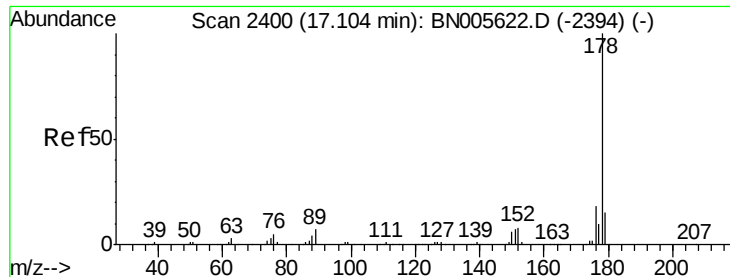
Tgt Ion:166 Resp: 87724
 Ion Ratio Lower Upper
 166 100
 165 102.7 80.0 120.0
 167 14.0 10.7 16.1



#69
 Phenanthrene
 Concen: 8.751 ng/ul
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BN005623.D
 Acq: 11 May 2019 13:07

Tgt Ion:178 Resp: 405856
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.2 18.4
 176 18.6 15.1 22.7

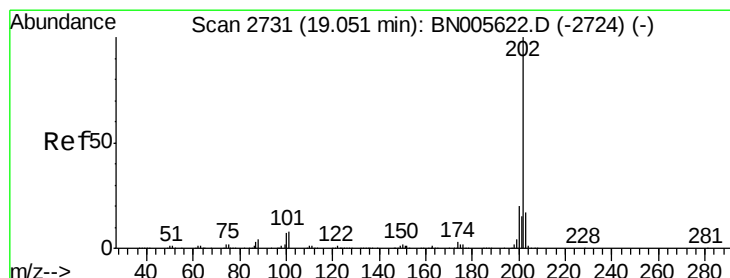
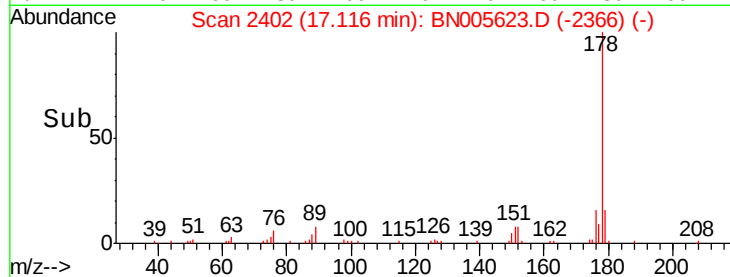
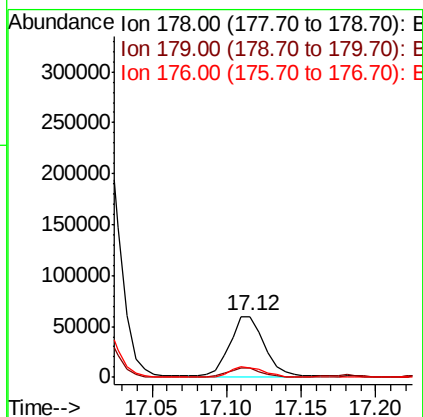
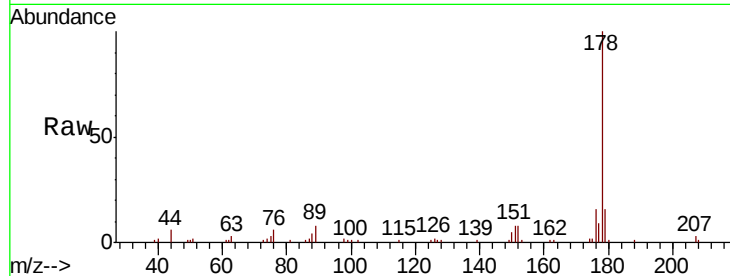




#71
 Anthracene
 Concen: 2.073 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BN005623.D
 Acq: 11 May 2019 13:07

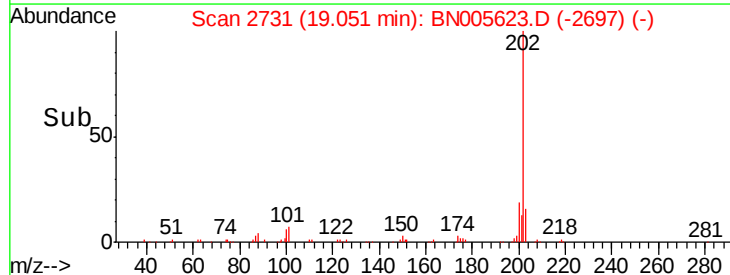
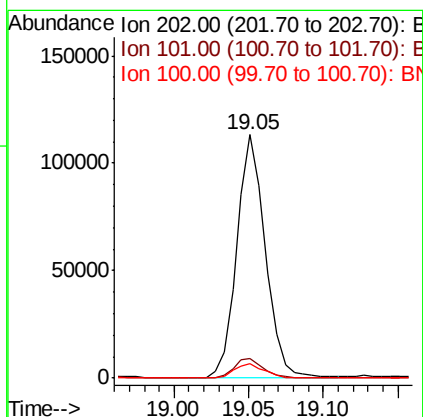
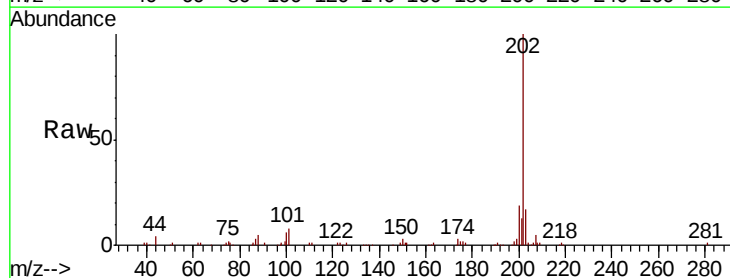
Instrument :
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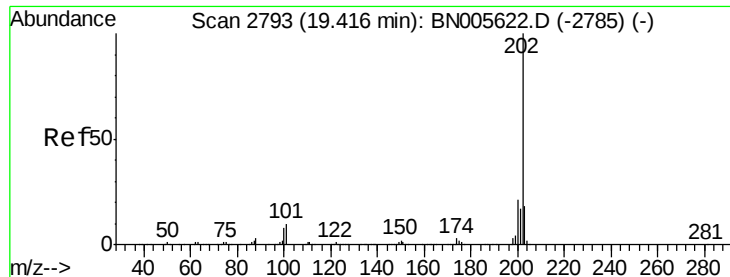
Tgt Ion:178 Resp: 97916
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.3 18.5
 176 15.8 15.1 22.7



#76
 Fluoranthene
 Concen: 2.942 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BN005623.D
 Acq: 11 May 2019 13:07

Tgt Ion:202 Resp: 151355
 Ion Ratio Lower Upper
 202 100
 101 8.1 8.6 12.8#
 100 5.9 6.3 9.5#





#79

Pyrene

Concen: 4.246 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BN005623.D

Acq: 11 May 2019 13:07

Instrument :

BNA_N

ClientSampleId :

GAJ62MEDL

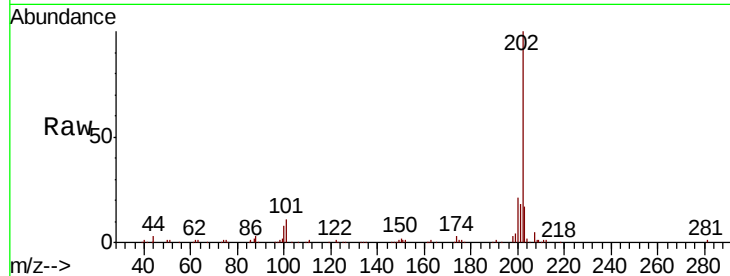
Tgt Ion:202 Resp: 211088

Ion Ratio Lower Upper

202 100

101 10.7 10.3 15.5

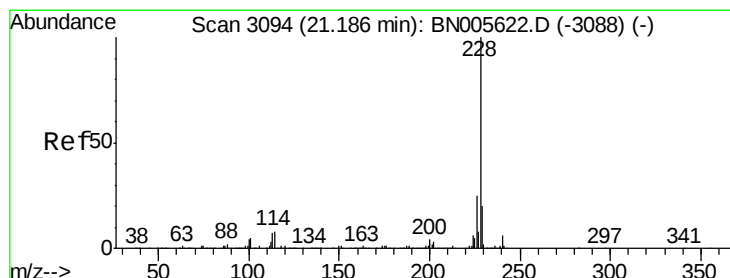
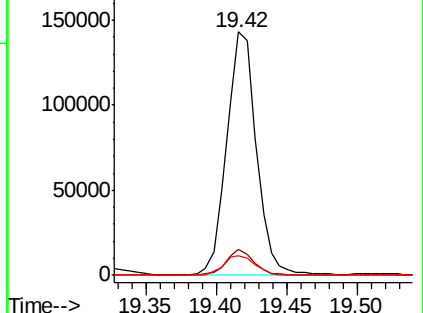
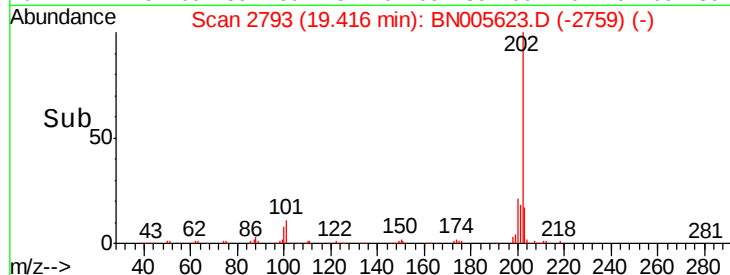
100 8.3 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 1.301 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.05 min

Lab File: BN005623.D

Acq: 11 May 2019 13:07

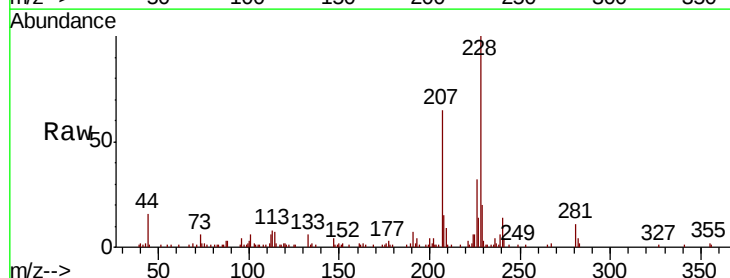
Tgt Ion:228 Resp: 62509

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

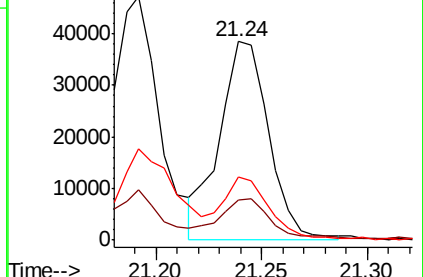
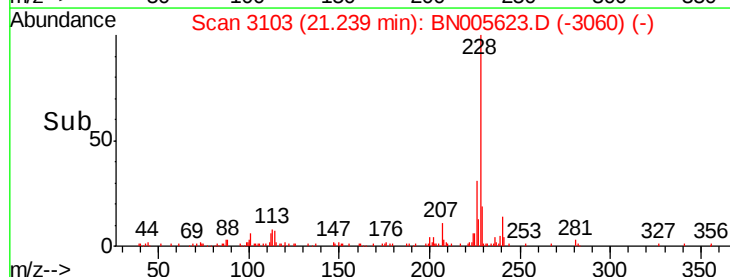
226 31.8 21.4 32.2

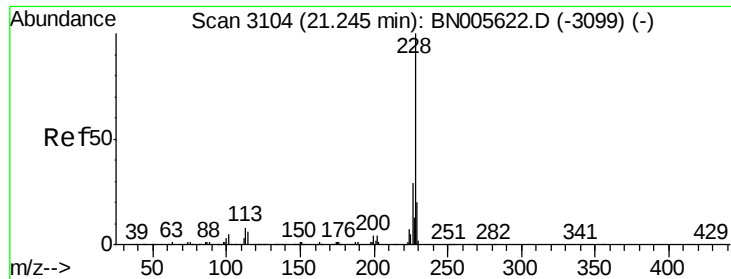


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.390 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005623.D

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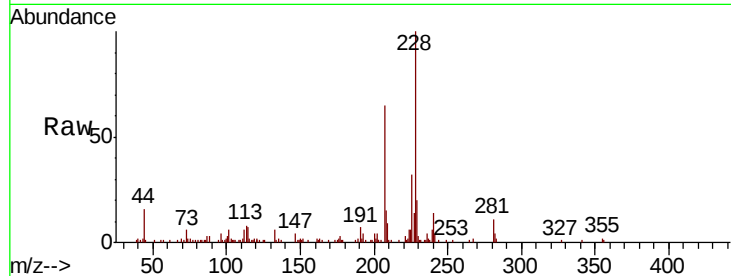
Tgt Ion:228 Resp: 61959

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

229 19.9 15.4 23.0

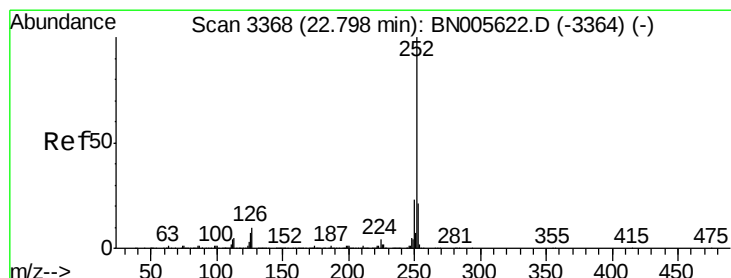
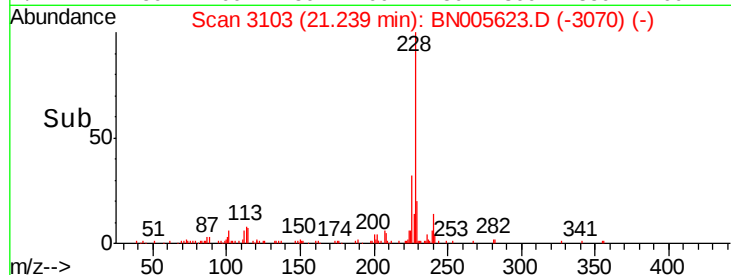
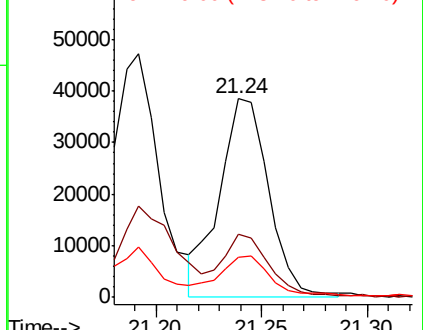


Abundance

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(k)fluoranthene

Concen: 1.033 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BN005623.D

Acq: 11 May 2019 13:07

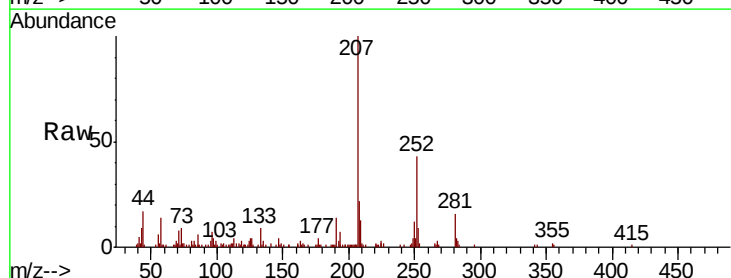
Tgt Ion:252 Resp: 47542

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.2 7.5 11.3

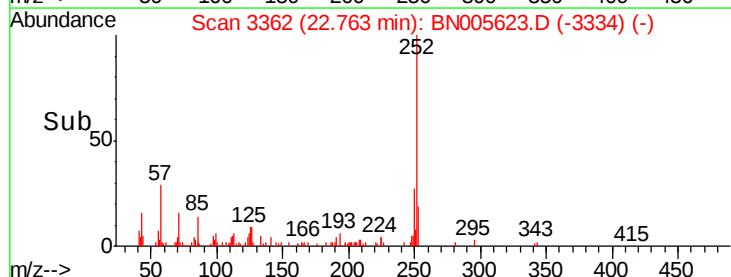
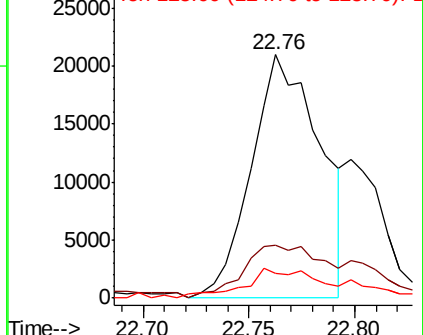


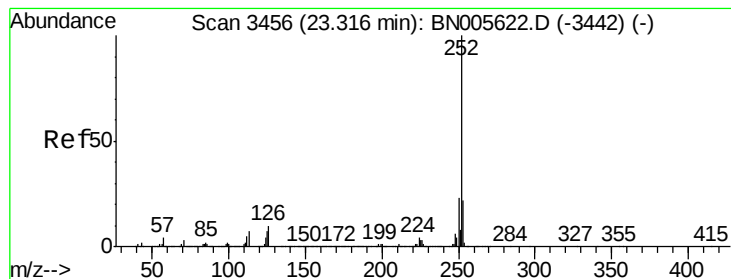
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.116 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN005623.D

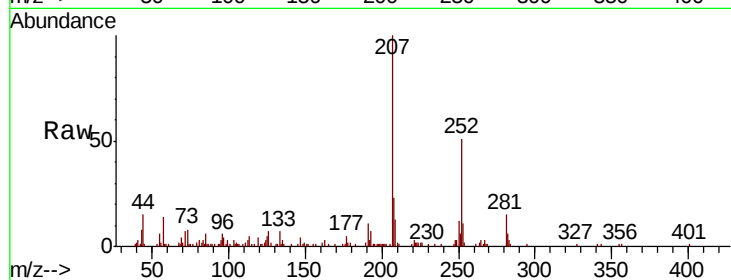
Acq: 11 May 2019 13:07

Instrument :

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GAJ62MEDL



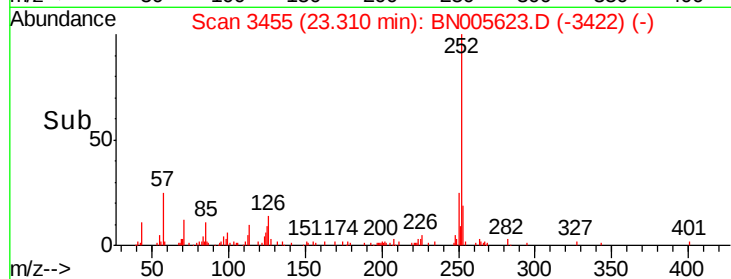
Tgt Ion: 252 Resp: 50545

Ion Ratio Lower Upper

252 100

253 20.8 17.3 25.9

125 9.3 8.6 13.0



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

