

Data File : BN009693.D
Acq On : 10 Feb 2020 19:48
Operator : CG/JU
Sample : L1324-04MEDL2 40X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT61MEDL2

Quant Time: Feb 11 01:41:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	133199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	588258	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	376621	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	781531	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	747213	20.00	ng/ul	-0.01
85) Perylene-d12	23.14	264	742076	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.66	99	2812	0.24	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	2588	0.33	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	2786	0.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	2336	0.25	ng/ul	0.02
19) Nitrobenzene-d5	8.59	128	1088	0.25	ng/ul	0.02
22) 2-Nitrophenol-d4	9.29	143	616	0.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2003	0.22	ng/ul	0.03
29) 4-Chloroaniline-d4	10.35	131	973	0.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	14369	0.52	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	13477	0.41	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	11405	0.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.92	188	21576	0.61	ng/ul	0.00
78) Pyrene-d10	19.23	212	19064	0.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	17118	0.47	ng/ul	-0.01

Target Compounds

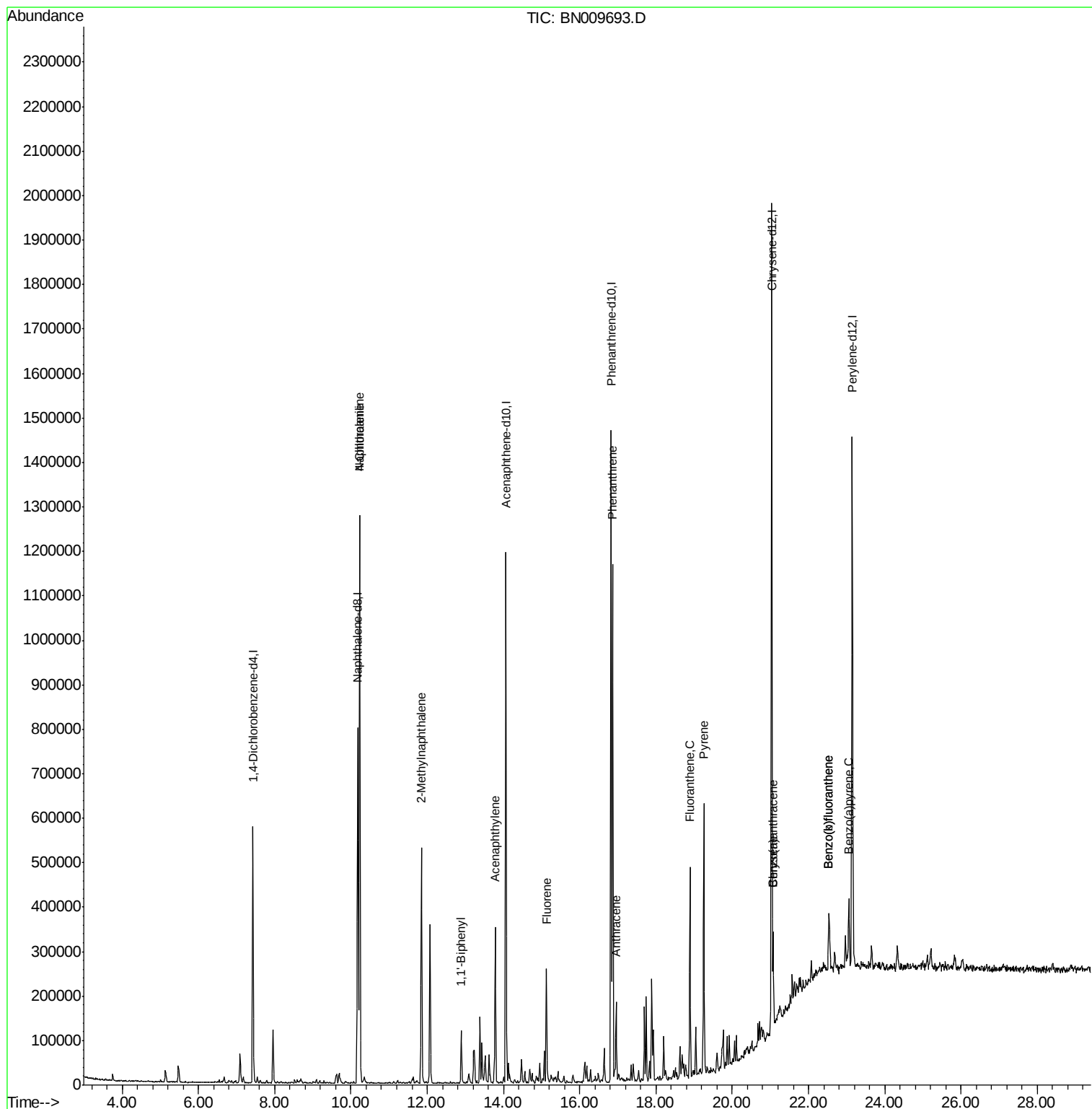
					Qvalue
28) Naphthalene	10.23	128	921476	28.886 ng/ul	99
30) 4-Chloroaniline	10.23	127	120692	11.885 ng/ul#	9
34) 2-Methylnaphthalene	11.85	142	252306	11.302 ng/ul	97
40) 1,1'-Biphenyl	12.89	154	57957	1.976 ng/ul	98
47) Acenaphthylene	13.78	152	222055	6.108 ng/ul	98
58) Fluorene	15.13	166	116404	4.047 ng/ul	98
69) Phenanthrene	16.86	178	633270	14.208 ng/ul	98
71) Anthracene	16.96	178	107069	2.368 ng/ul	99
76) Fluoranthene	18.89	202	258930	5.090 ng/ul	100
79) Pyrene	19.26	202	343266	6.293 ng/ul	99
82) Benzo(a)anthracene	21.07	228	108268	2.099 ng/ul	93
84) Chrysene	21.07	228	108268	2.108 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	81600	1.758 ng/ul	99
88) Benzo(k)fluoranthene	22.53	252	81600	1.785 ng/ul	99
90) Benzo(a)pyrene	23.06	252	72087	1.676 ng/ul#	94

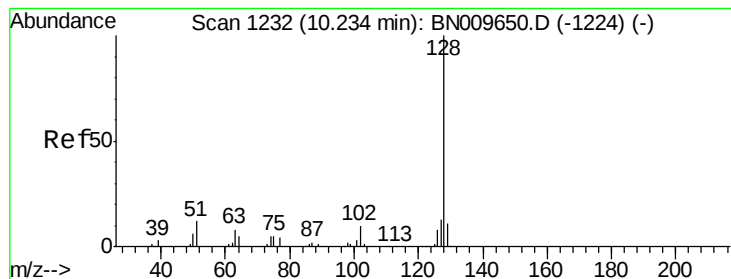
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 28.886 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN009693.D

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ClientSampleId :

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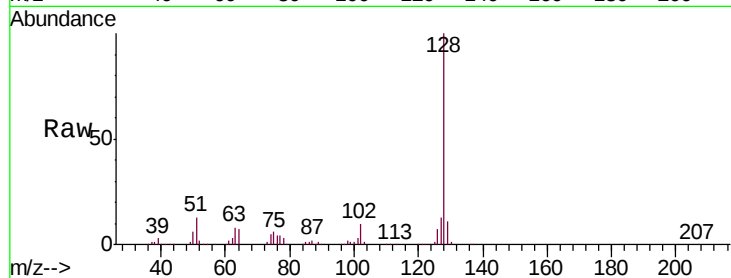
Tgt Ion:128 Resp: 921476

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

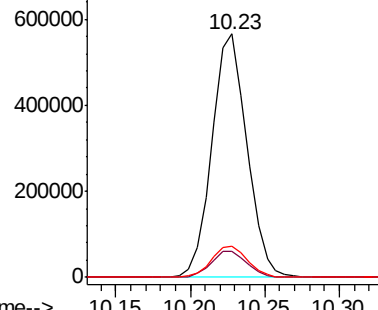
127 12.9 10.7 16.1



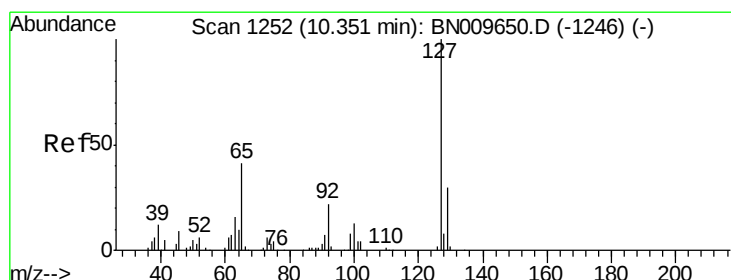
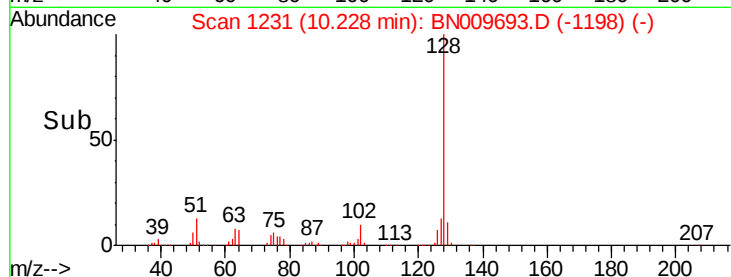
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#30

4-Chloroaniline

Concen: 11.885 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.13 min

Lab File: BN009693.D

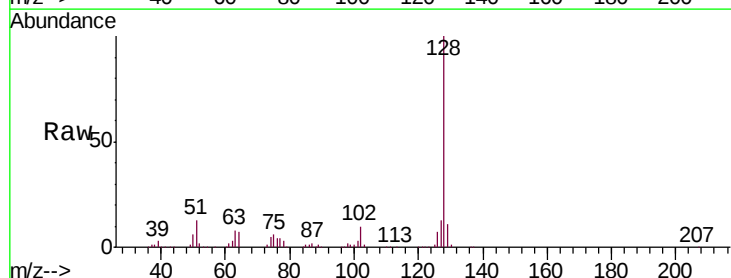
Acq: 10 Feb 2020 19:48

Tgt Ion:127 Resp: 120692

Ion Ratio Lower Upper

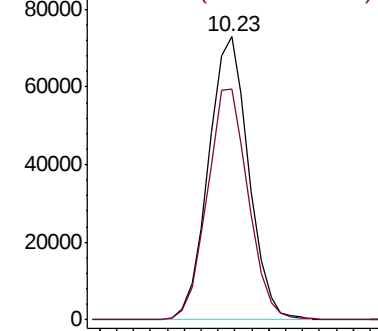
127 100

129 81.7 25.2 37.8#

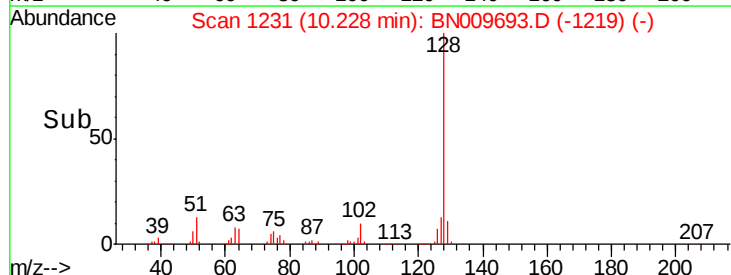


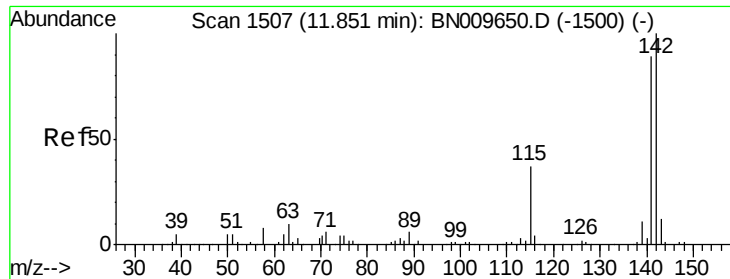
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



Time-->

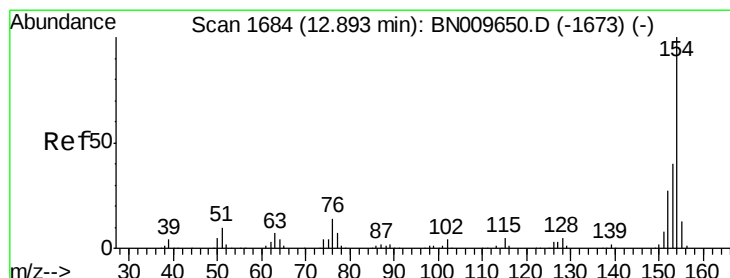
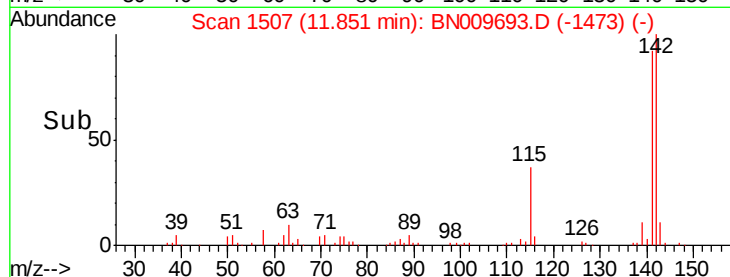
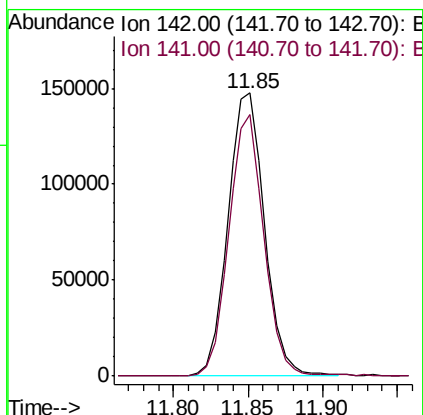
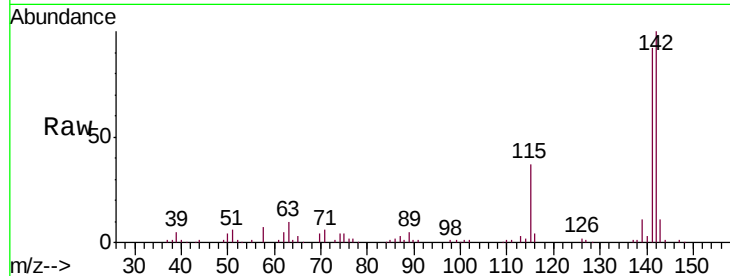




#34
 2-Methylnaphthalene
 Concen: 11.302 ng/ul
 RT: 11.85 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BN009693.D
 Acq: 10 Feb 2020 19:48

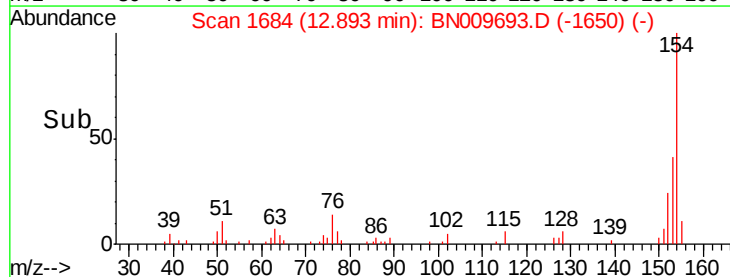
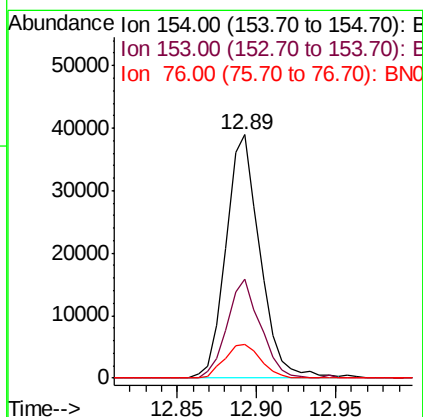
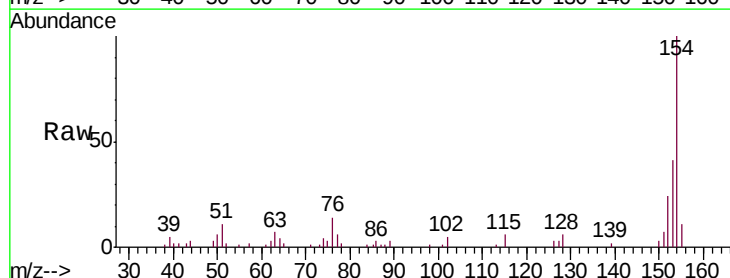
Instrument :
 BNA_N
 ClientSampleId :
 GAT61MEDL2

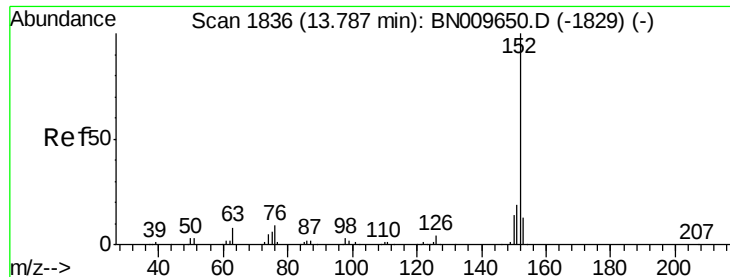
Tgt Ion:142 Resp: 252306
 Ion Ratio Lower Upper
 142 100
 141 92.3 71.5 107.3



#40
 1,1'-Biphenyl
 Concen: 1.976 ng/ul
 RT: 12.89 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BN009693.D
 Acq: 10 Feb 2020 19:48

Tgt Ion:154 Resp: 57957
 Ion Ratio Lower Upper
 154 100
 153 40.7 31.2 46.8
 76 14.0 11.4 17.2





#47

Acenaphthylene

Concen: 6.108 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_N

ClientSampleId :

GAT61MEDL2

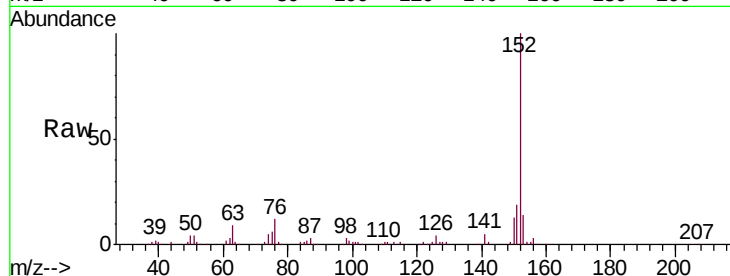
Tgt Ion:152 Resp: 222055

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

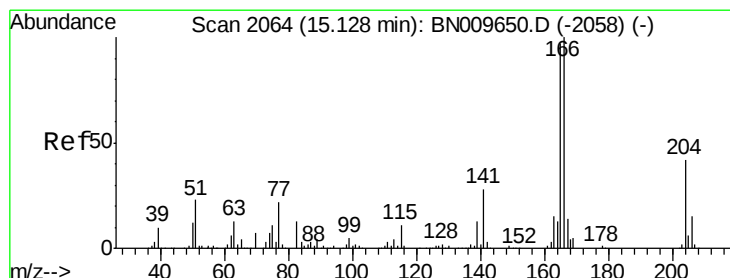
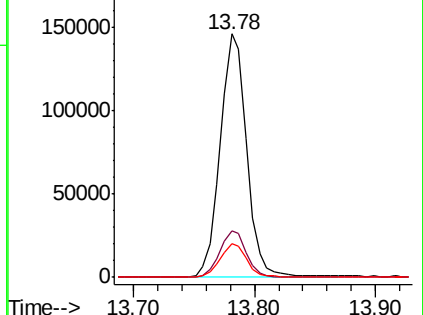
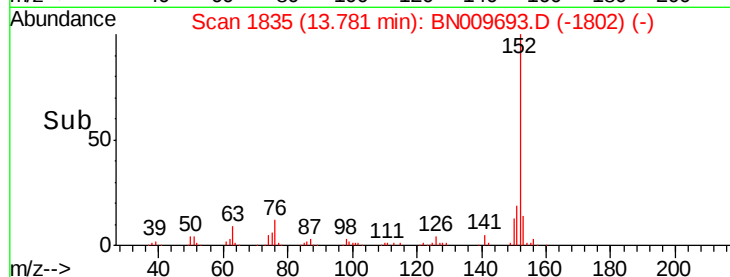
153 13.8 10.6 15.8



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



#58

Fluorene

Concen: 4.047 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

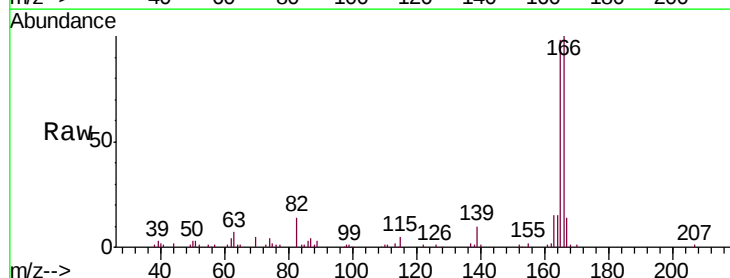
Tgt Ion:166 Resp: 116404

Ion Ratio Lower Upper

166 100

165 98.1 76.7 115.1

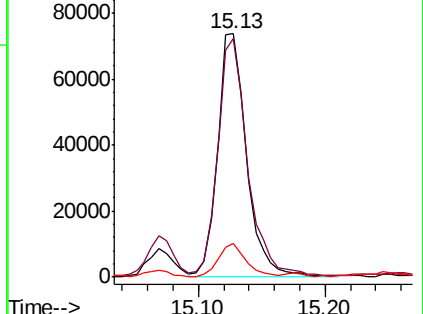
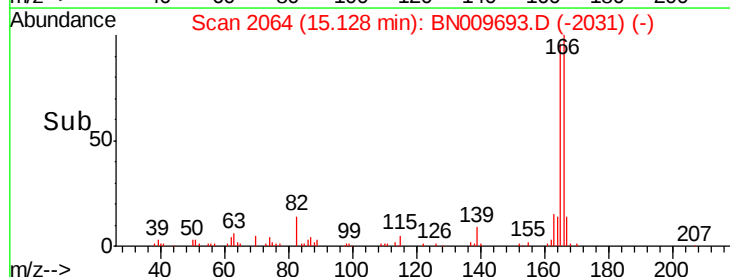
167 13.9 11.1 16.7

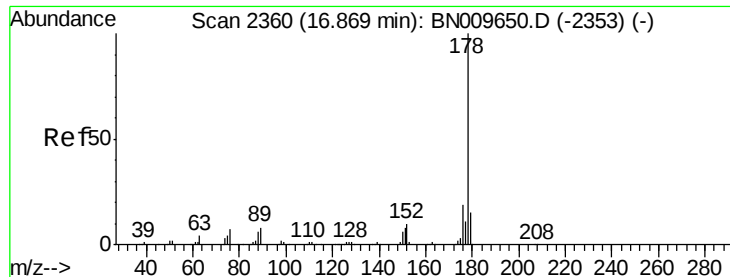


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 14.208 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

Instrument :

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ClientSampleId :

GAT61MEDL2

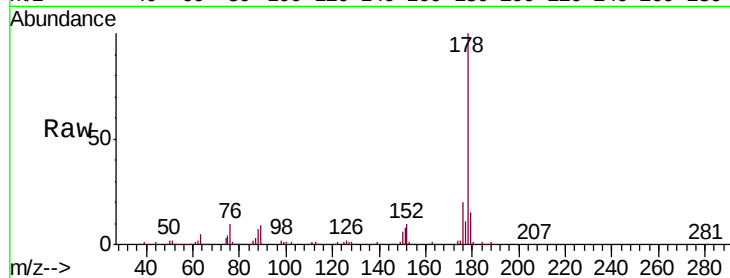
Tgt Ion:178 Resp: 633270

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

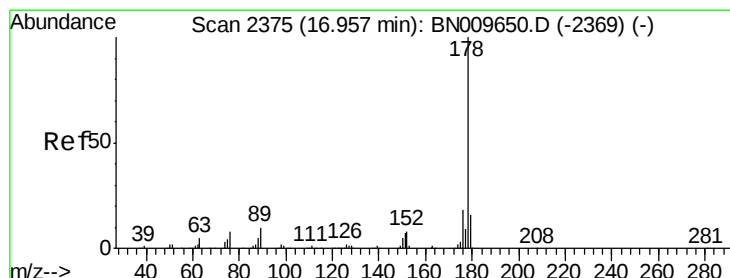
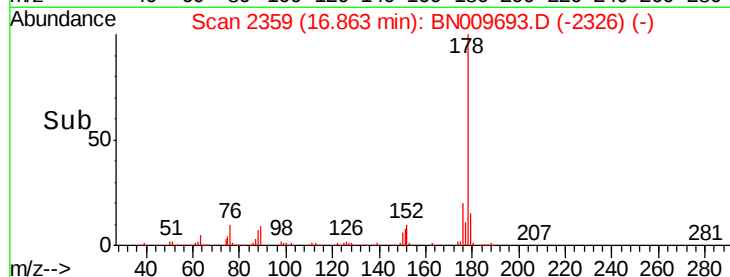
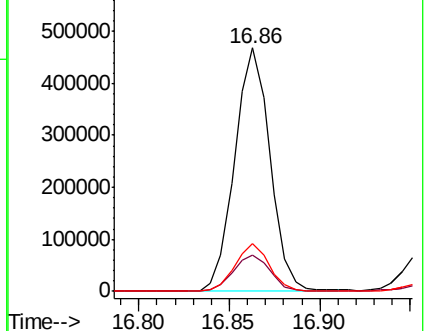
176 19.6 14.8 22.2



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



#71

Anthracene

Concen: 2.368 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

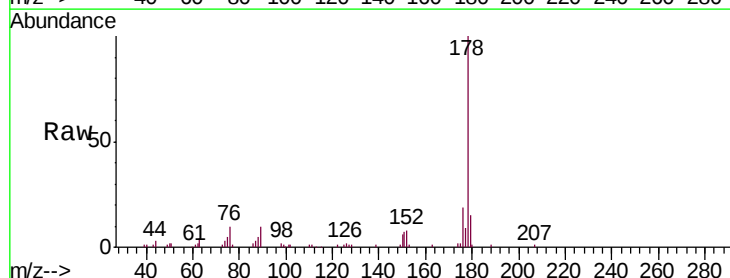
Tgt Ion:178 Resp: 107069

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

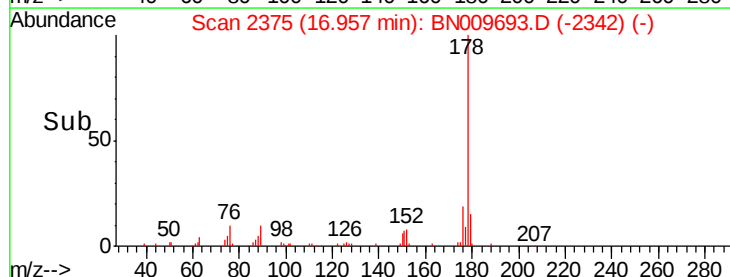
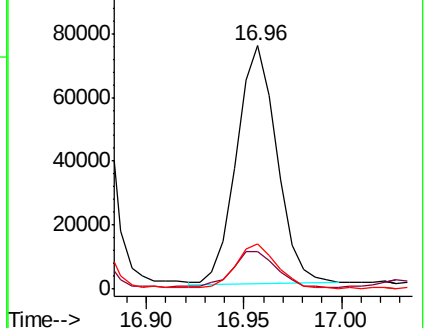
176 18.6 14.6 21.8

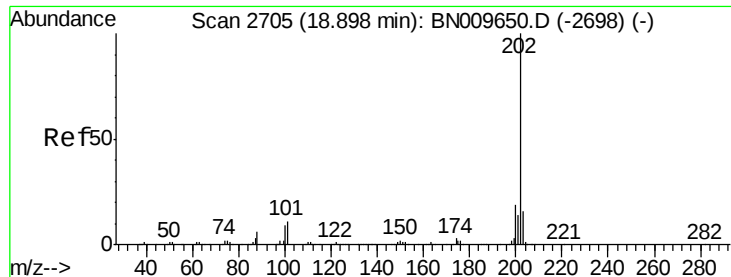


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 5.090 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009693.D

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ClientSampleId :

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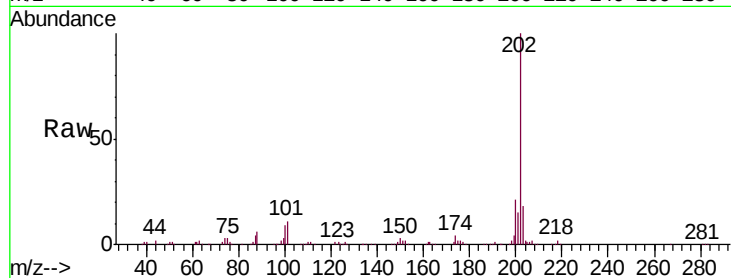
Tgt Ion:202 Resp: 258930

Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

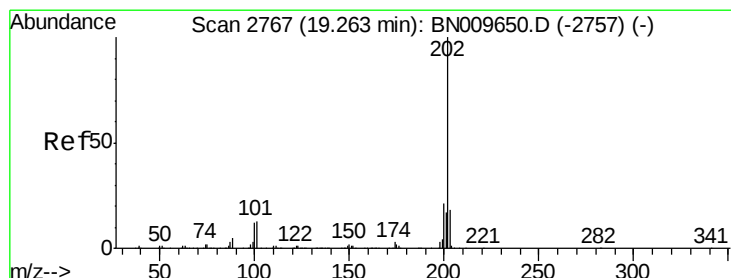
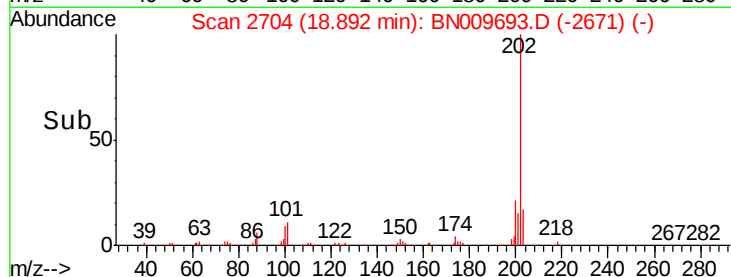
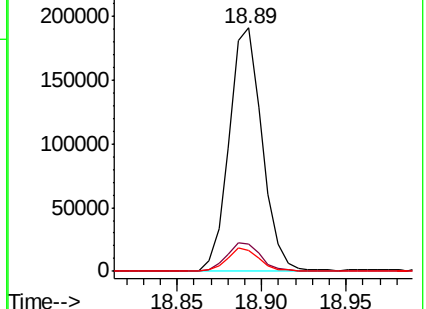
100 8.8 6.9 10.3



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



#79

Pyrene

Concen: 6.293 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

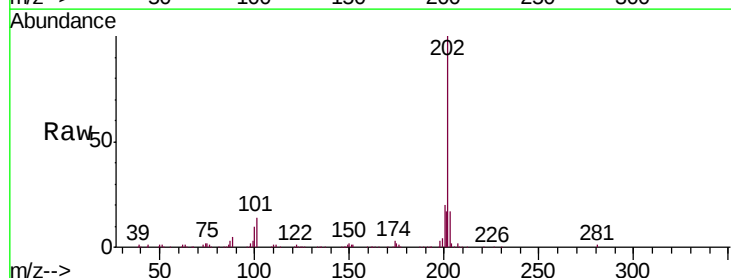
Tgt Ion:202 Resp: 343266

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

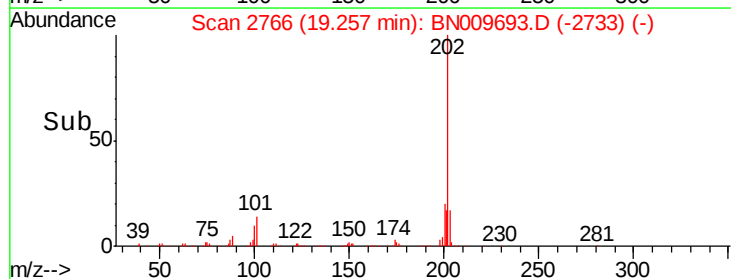
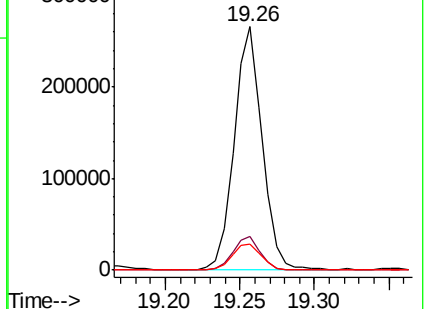
100 10.5 8.4 12.6

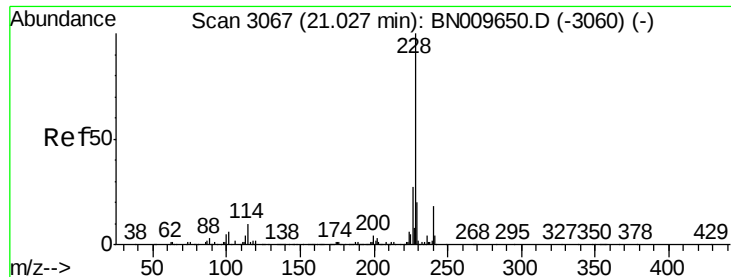


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.099 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. 0.04 min

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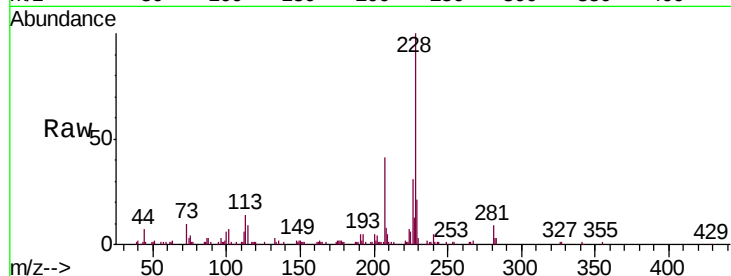
Tgt Ion:228 Resp: 108268

Ion Ratio Lower Upper

228 100

229 20.7 15.0 22.4

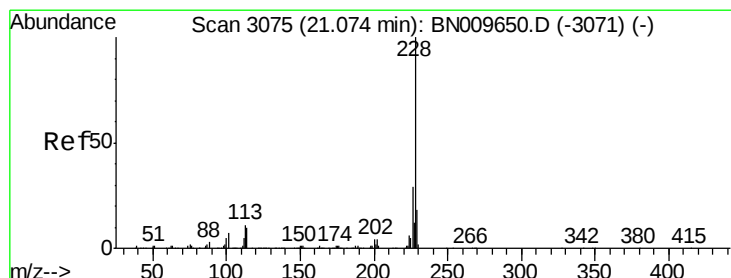
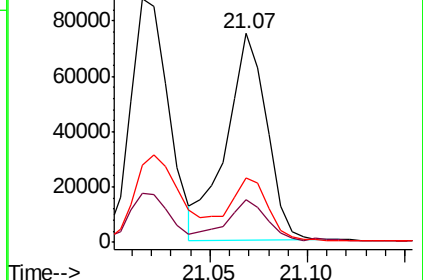
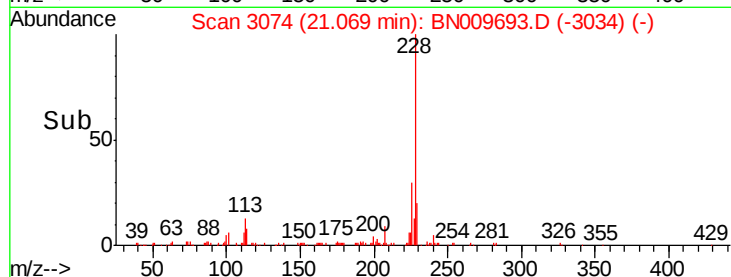
226 30.7 20.9 31.3



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: 2.108 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

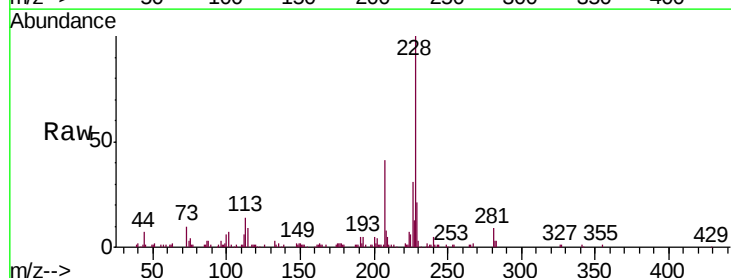
Tgt Ion:228 Resp: 108268

Ion Ratio Lower Upper

228 100

226 30.7 23.5 35.3

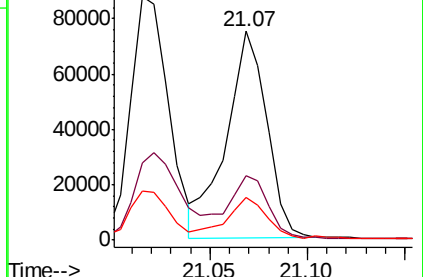
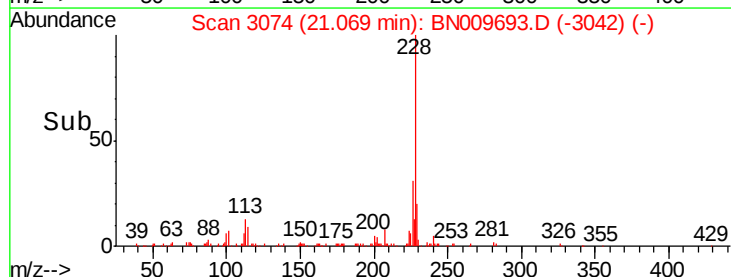
229 20.7 15.8 23.8

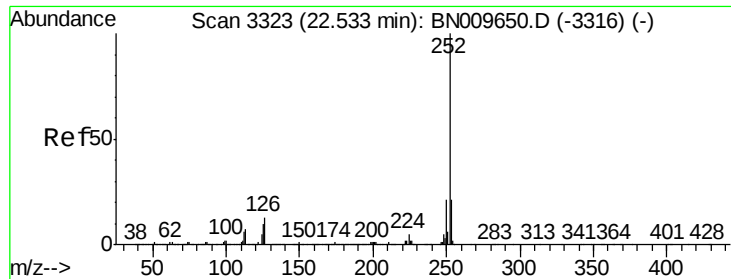


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.758 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.02 min

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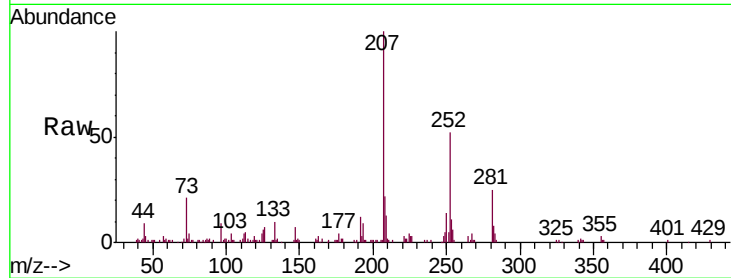
Tgt Ion:252 Resp: 81600

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

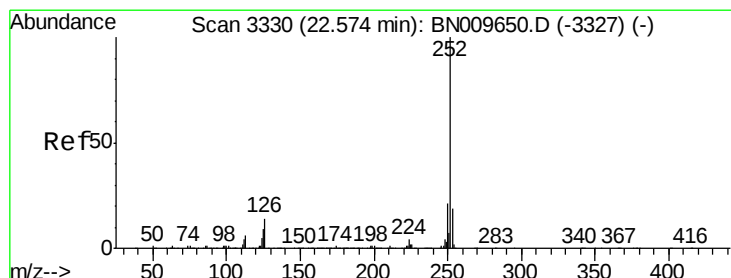
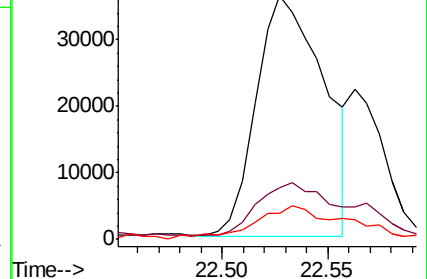
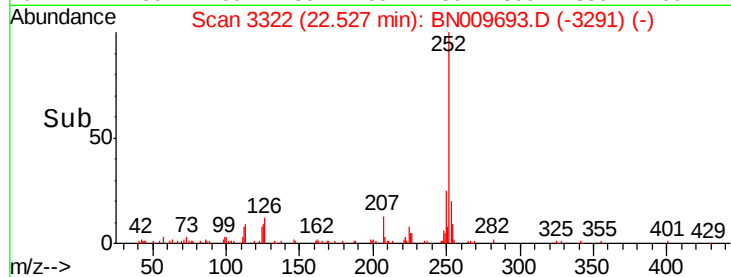
125 10.7 8.2 12.2



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



#88

Benzo(k)fluoranthene

Concen: 1.785 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.06 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

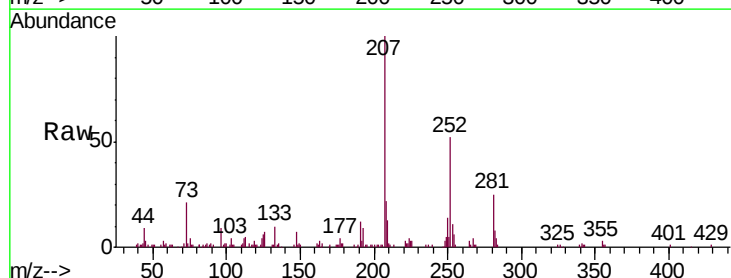
Tgt Ion:252 Resp: 81600

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

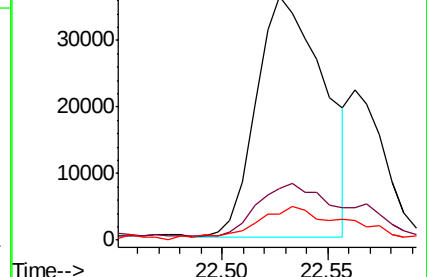
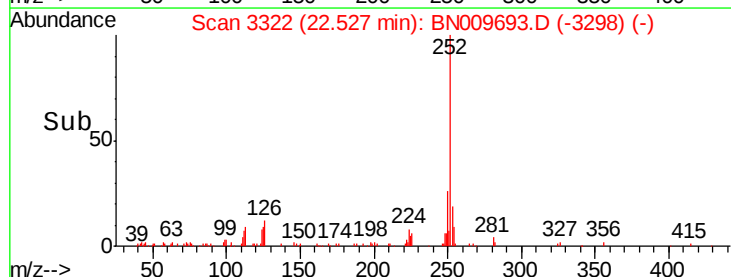
125 10.7 8.0 12.0

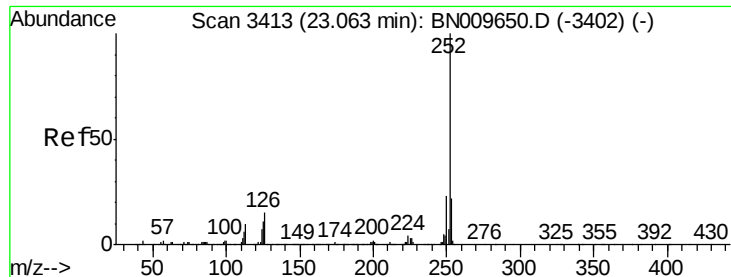


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.676 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BN009693.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_N

ClientSampleId :

GAT61MEDL2

Tgt Ion:252 Resp: 72087

Ion Ratio Lower Upper

252 100

253 21.6 15.8 23.8

125 15.1 8.7 13.1#

