

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
 Data File : BM026787.D
 Acq On : 16 Jul 2020 15:52
 Operator : JU/CG
 Sample : PB130182BL
 Misc : PBBL-WATER-06
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK82

Quant Time: Jul 16 16:49:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 13:06:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	62026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	268497	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	184925	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	425465	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	461941	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	482140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	14084	6.82	ng/uL	0.00
5) Phenol-d5	6.52	99	213649	37.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	137278	35.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	160027	36.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	174574	38.43	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	74388	35.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	81361	35.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	159166	35.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	205354	43.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	539142	36.55	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	590696	33.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	61609	28.94	ng/ul	0.00
58) Fluorene-d10	14.97	176	449552	34.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	62843	23.64	ng/ul	0.00
71) Anthracene-d10	16.82	188	704862	33.64	ng/ul	0.00
79) Pyrene-d10	19.14	212	816414	34.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	922446	35.45	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	243	0.109	ng/uL# 23
4) Benzaldehyde	6.51	77	274	0.091	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.84	93	190	0.040	ng/ul# 1
20) Nitrobenzene	8.45	77	1043	0.156	ng/ul# 50
21) Isophorone	9.17	82	10332	0.918	ng/ul# 74
45) Dimethylphthalate	13.40	163	200	0.013	ng/ul# 1
59) Fluorene	14.98	166	1010	0.065	ng/ul# 9
61) 4-Nitroaniline	14.97	138	277	0.099	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	371	0.026	ng/ul# 40
70) Phenanthrene	16.82	178	148	0.006	ng/ul# 1
72) Anthracene	16.82	178	148	0.006	ng/ul# 1
76) Di-n-butylphthalate	17.74	149	189	0.007	ng/ul# 78
80) Pyrene	19.14	202	1134	0.035	ng/ul# 1
81) Butylbenzylphthalate	20.12	149	130	0.011	ng/ul# 17
83) Benzo(a)anthracene	20.95	228	1243	0.039	ng/ul# 65
84) Bis(2-ethylhexyl)phthalate	20.90	149	335	0.019	ng/ul# 53
85) Chrysene	20.95	228	1243	0.039	ng/ul# 63
87) Di-n-octyl phthalate	21.74	149	130	0.004	ng/ul 100
88) Benzo(b)fluoranthene	22.41	252	32	0.001	ng/ul# 1
89) Benzo(k)fluoranthene	22.44	252	81	0.002	ng/ul# 1
91) Benzo(a)pyrene	22.94	252	484	0.017	ng/ul# 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

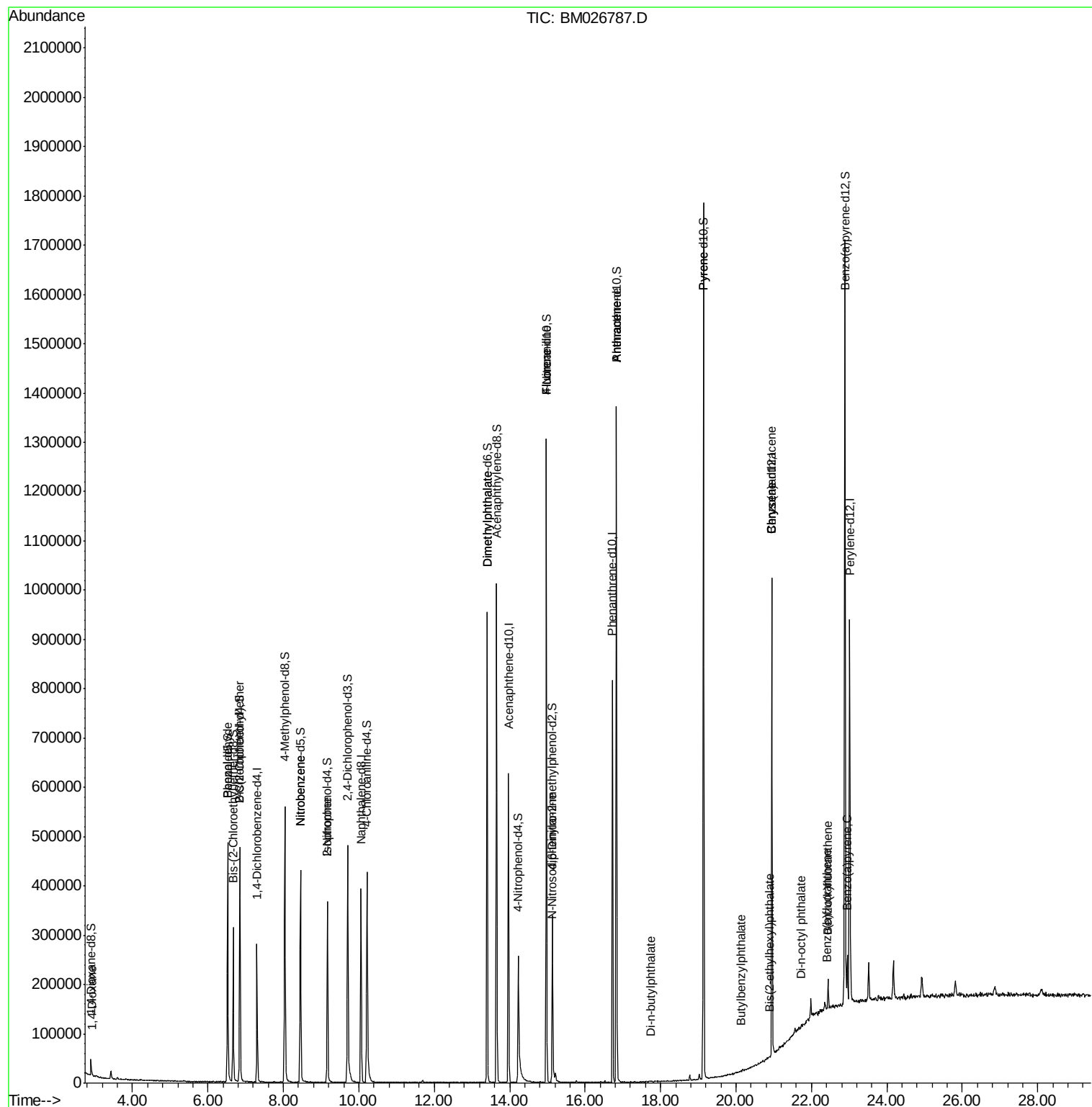
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

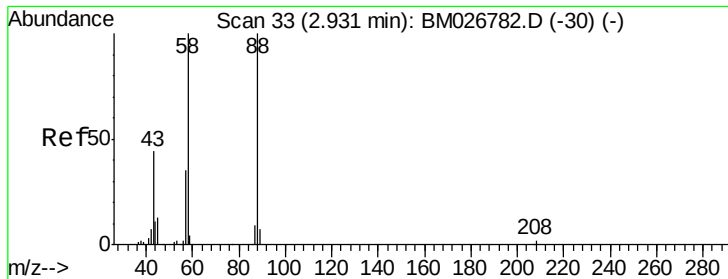
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 0.109 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampled :

SBLK82

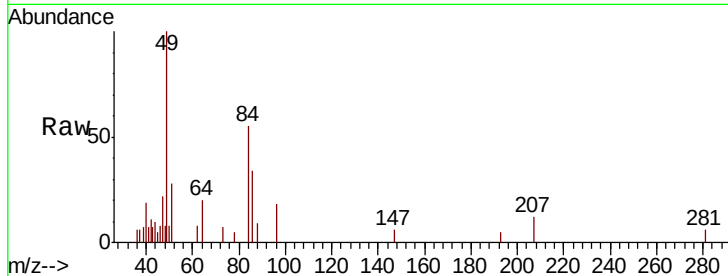
Tot Ion: 88 Resp: 243

Ion Ratio Lower Upper

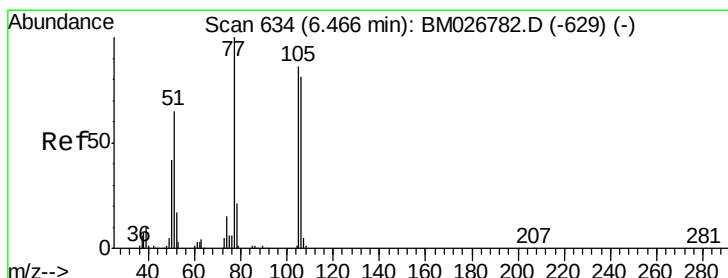
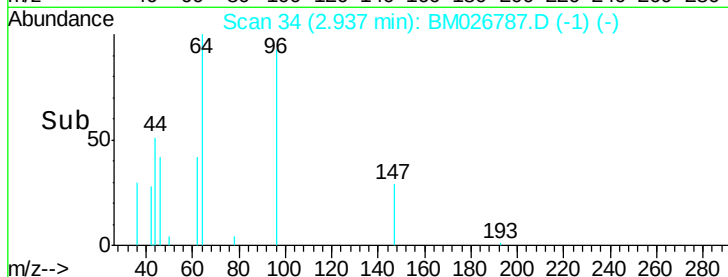
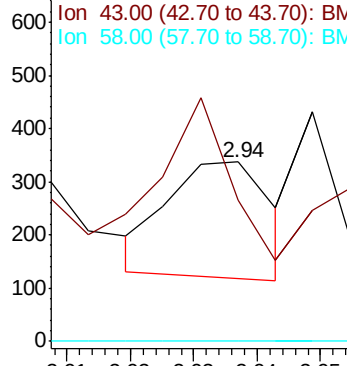
88 100

43 78.9 38.2 57.2#

58 0.0 68.9 103.3#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 43.00 (42.70 to 43.70): BM0
Ion 58.00 (57.70 to 58.70): BM0



#4

Benzaldehyde

Concen: 0.091 ng/uL

RT: 6.51 min Scan# 642

Delta R.T. 0.05 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

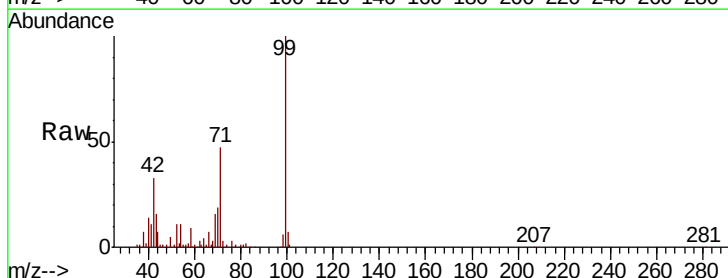
Tgt Ion: 77 Resp: 274

Ion Ratio Lower Upper

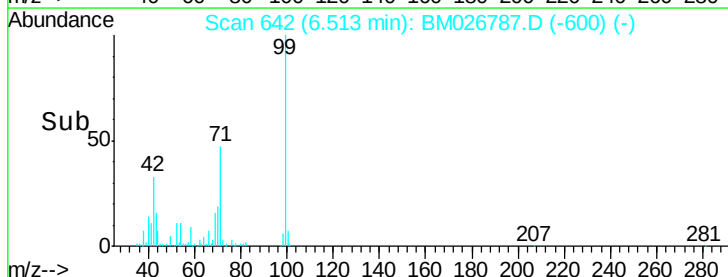
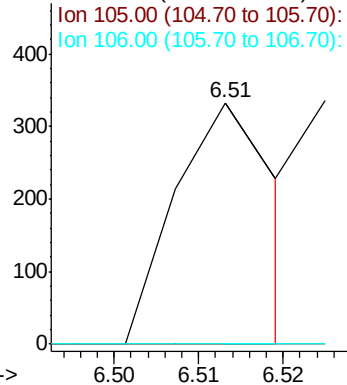
77 100

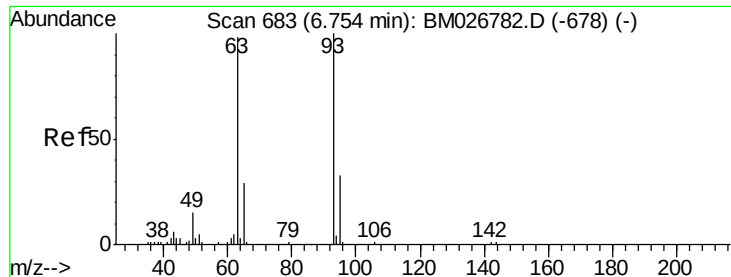
105 0.0 67.5 101.3#

106 0.0 66.2 99.4#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#8

Bis(2-Chloroethyl)ether

Concen: 0.040 ng/ul

RT: 6.84 min Scan# 698

Delta R.T. 0.09 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

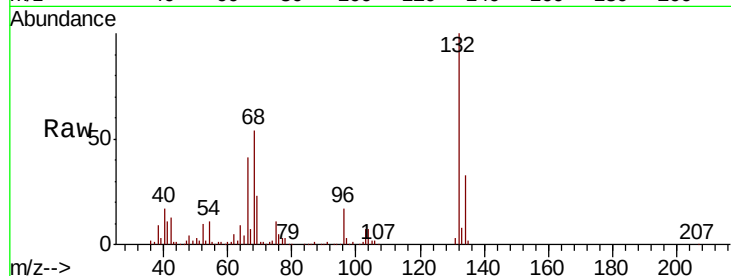
Tot Ion: 93 Resp: 190

Ion Ratio Lower Upper

93 100

63 1012.9 75.5 113.3#

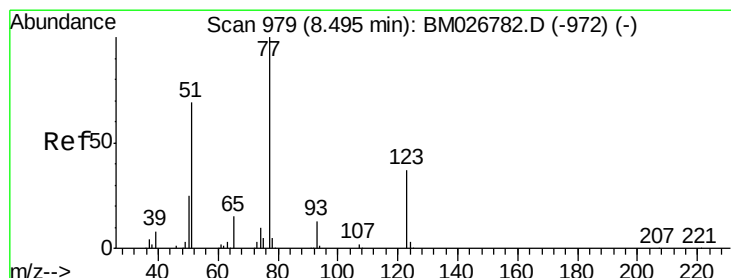
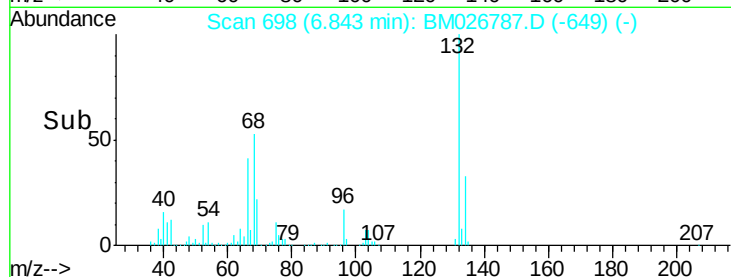
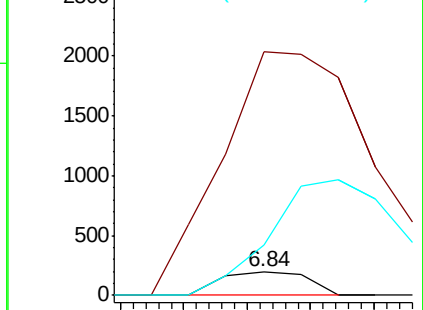
95 210.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0



#20

Nitrobenzene

Concen: 0.156 ng/ul

RT: 8.45 min Scan# 971

Delta R.T. -0.05 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

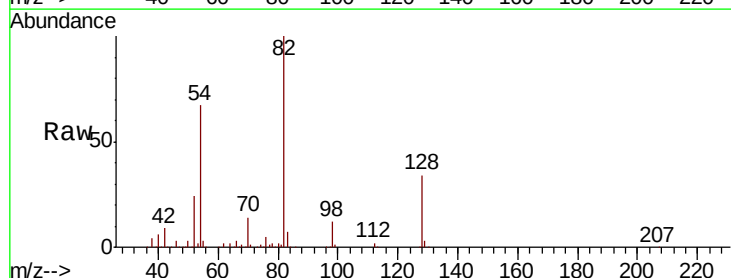
Tgt Ion: 77 Resp: 1043

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

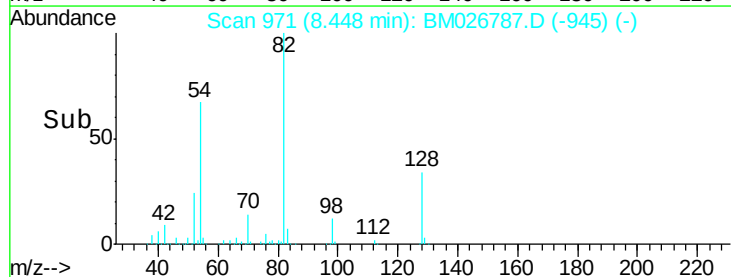
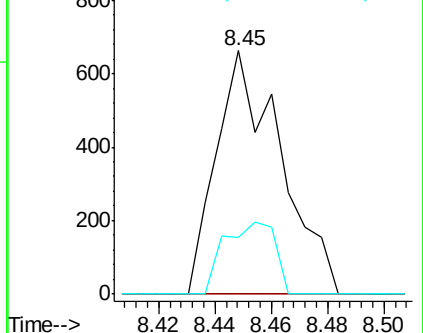
65 23.1 11.8 17.6#

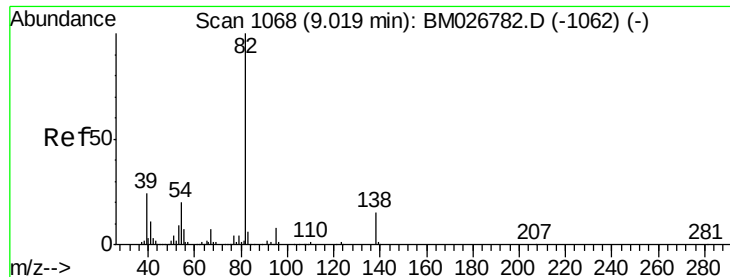


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.918 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.15 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

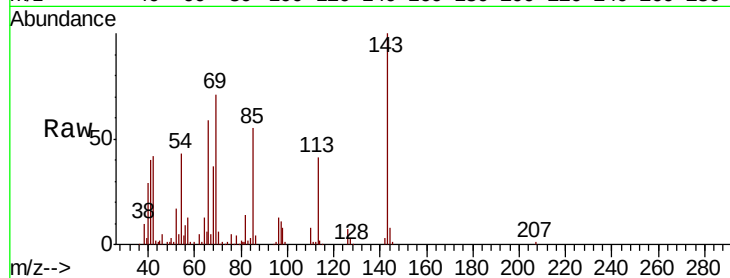
Tot Ion: 82 Resp: 10332

Ion Ratio Lower Upper

82 100

95 6.0 6.4 9.6#

138 0.0 12.2 18.4#

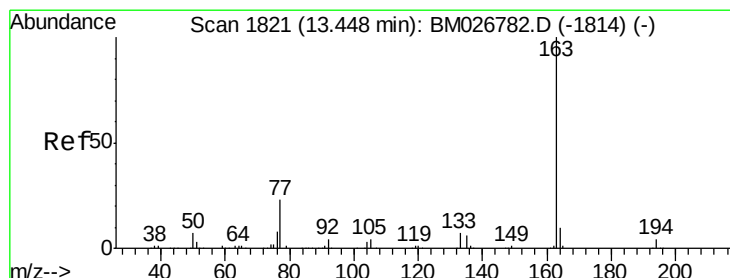
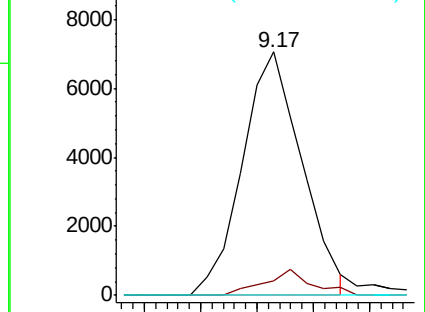
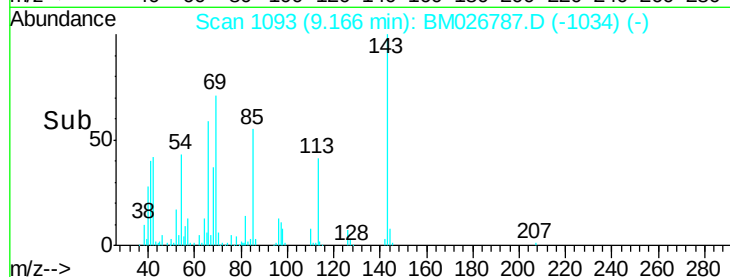


Abundance Ion 82.00 (81.70 to 82.70): BM026782.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM026787.D (-1034) (-)

Ion 138.00 (137.70 to 138.70): BM026787.D (-1034) (-)

Time-->



#45

Dimethylphthalate

Concen: 0.013 ng/ul

RT: 13.40 min Scan# 1813

Delta R.T. -0.05 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

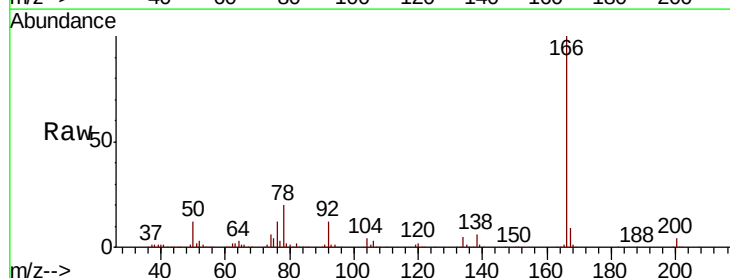
Tgt Ion: 163 Resp: 200

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 266.5 7.8 11.6#

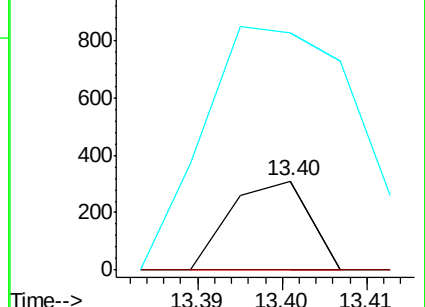
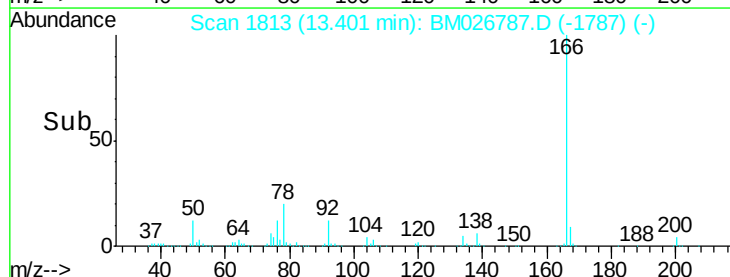


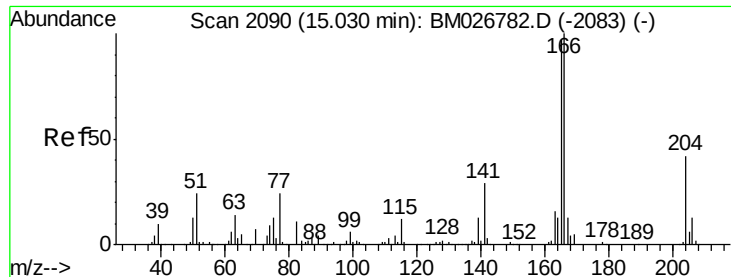
Abundance Ion 163.00 (162.70 to 163.70): BM026782.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM026787.D (-1787) (-)

Ion 164.00 (163.70 to 164.70): BM026787.D (-1787) (-)

Time-->





#59

Fluorene

Concen: 0.065 ng/ul

RT: 14.98 min Scan# 2081

Delta R.T. -0.05 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampled :

SBLK82

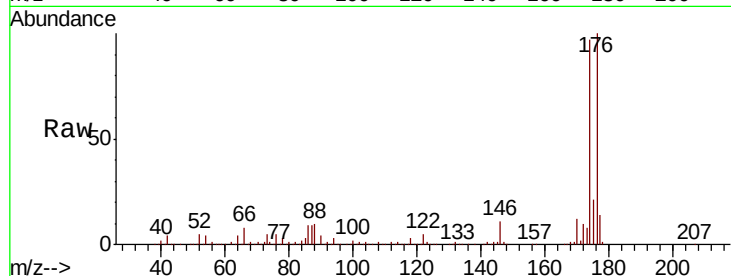
Tot Ion:166 Resp: 1010

Ion Ratio Lower Upper

166 100

165 0.0 77.0 115.4#

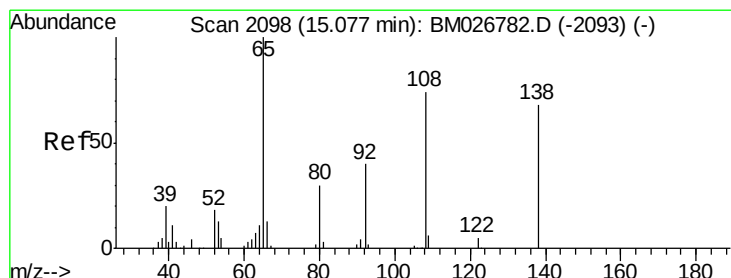
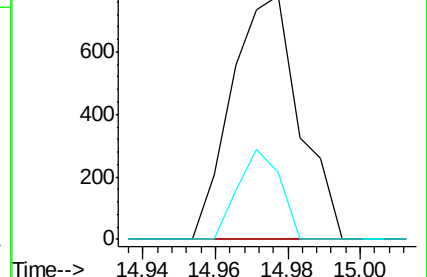
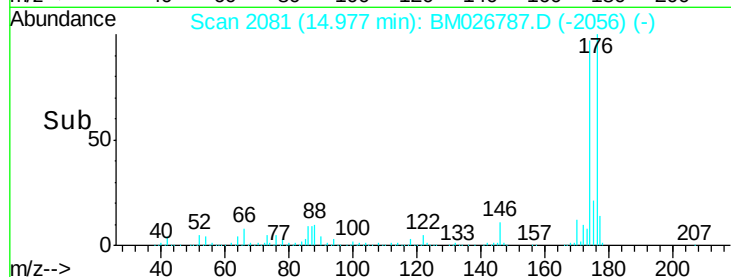
167 27.6 10.7 16.1#



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



#61

4-Nitroaniline

Concen: 0.099 ng/ul

RT: 14.97 min Scan# 2080

Delta R.T. -0.11 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

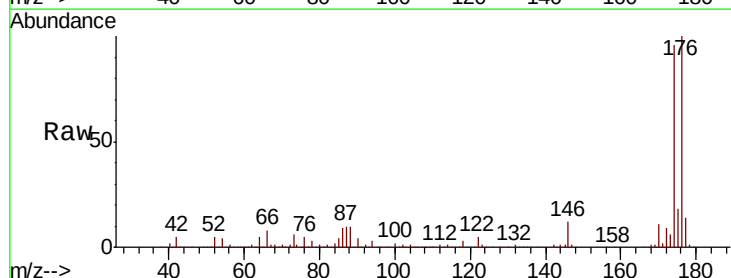
Tgt Ion:138 Resp: 277

Ion Ratio Lower Upper

138 100

92 1062.9 47.7 71.5#

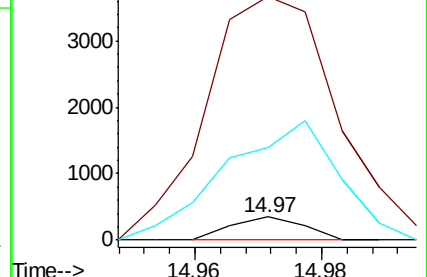
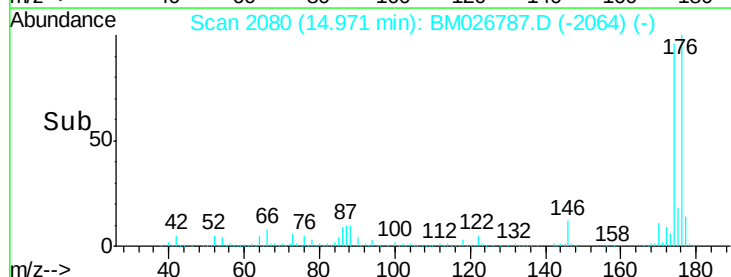
108 404.1 82.6 123.8#

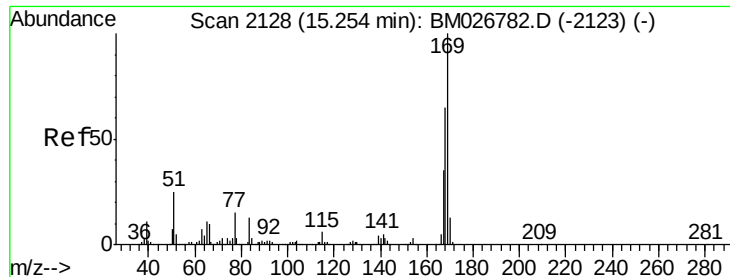


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#65

N-Nitrosodiphenylamine

Concen: 0.026 ng/ul

RT: 15.14 min Scan# 2109

Delta R.T. -0.11 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

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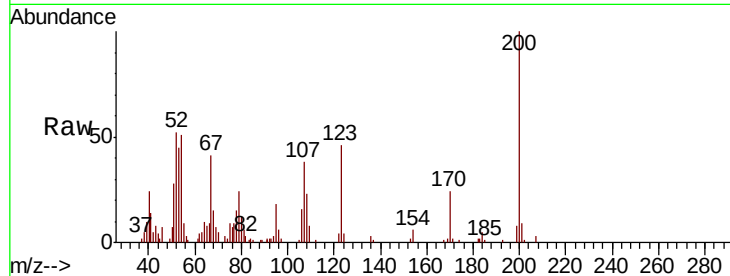
Tot Ion:169 Resp: 371

Ion Ratio Lower Upper

169 100

168 0.0 51.7 77.5#

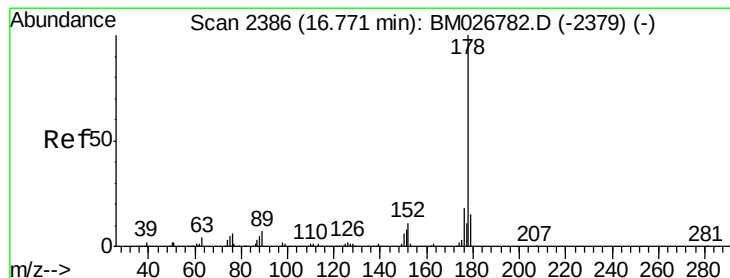
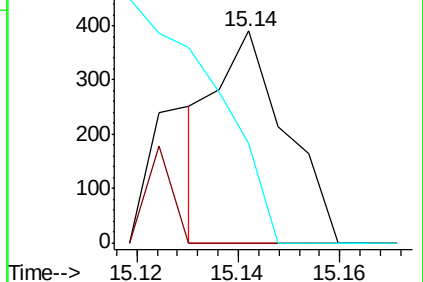
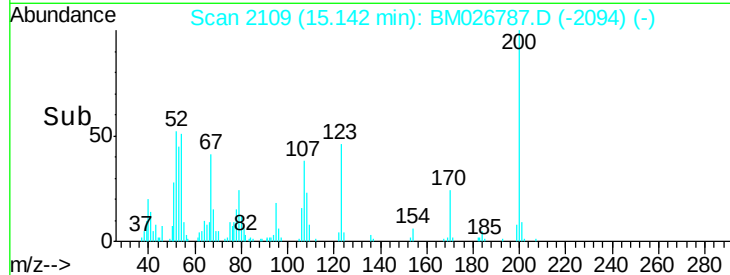
167 47.2 28.4 42.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.006 ng/ul

RT: 16.82 min Scan# 2395

Delta R.T. 0.05 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

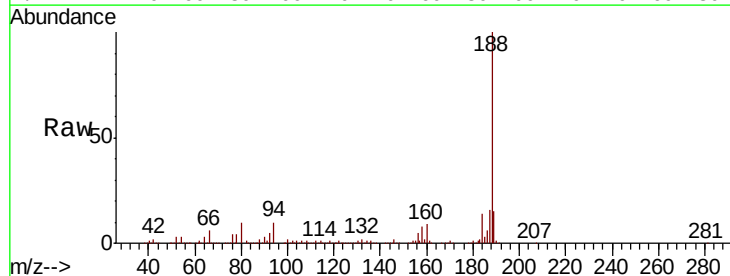
Tgt Ion:178 Resp: 148

Ion Ratio Lower Upper

178 100

179 186.4 12.4 18.6#

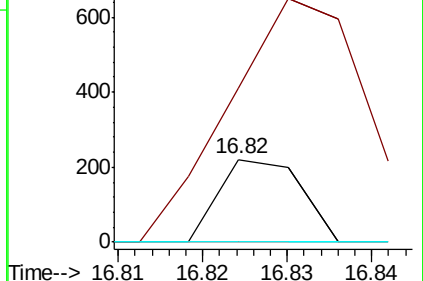
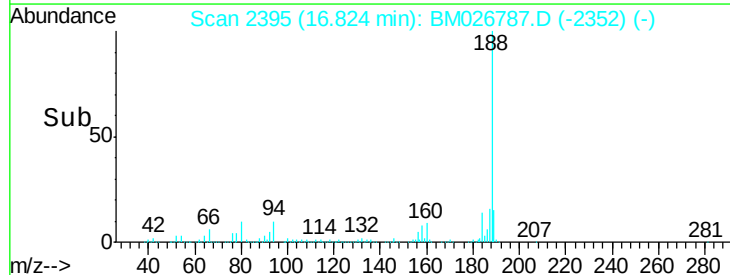
176 0.0 14.3 21.5#

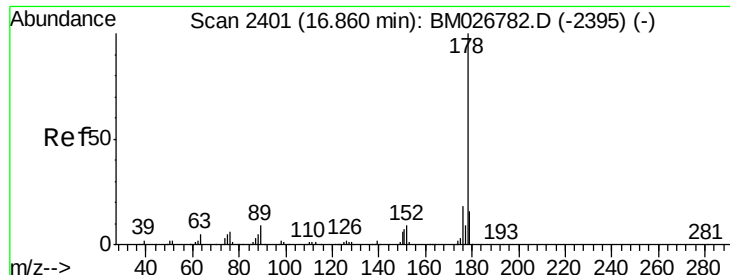


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 0.006 ng/ul

RT: 16.82 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

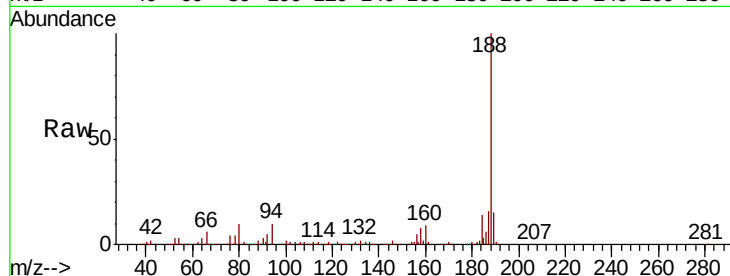
Tot Ion:178 Resp: 148

Ion Ratio Lower Upper

178 100

179 186.4 11.8 17.6#

176 0.0 14.7 22.1#



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

800

600

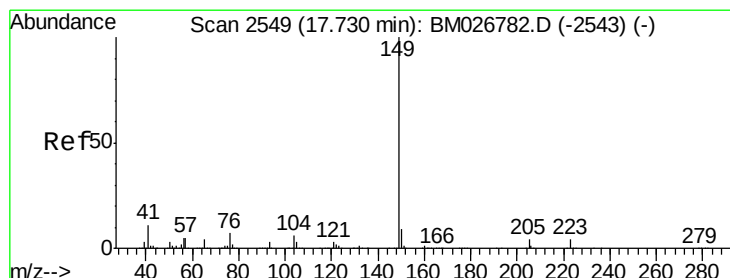
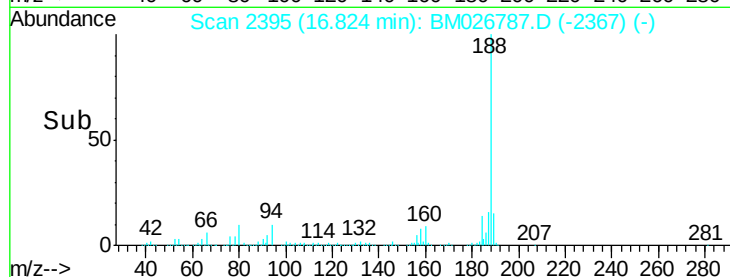
400

200

0

16.81 16.82 16.83 16.84

Time-->



#76

Di-n-butylphthalate

Concen: 0.007 ng/ul

RT: 17.74 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

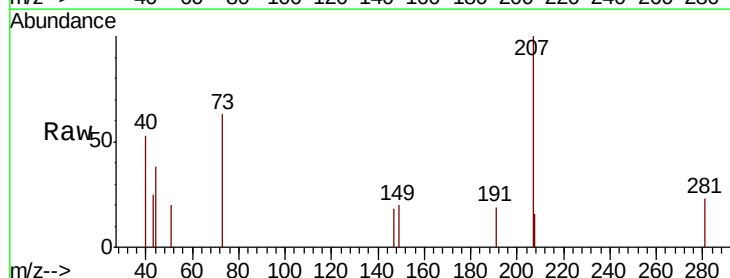
Tgt Ion:149 Resp: 189

Ion Ratio Lower Upper

149 100

150 0.0 7.1 10.7#

104 0.0 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

250

200

150

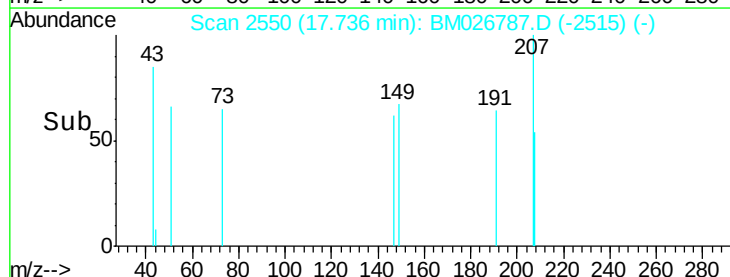
100

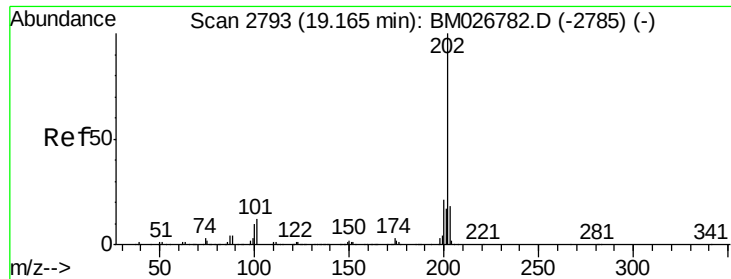
50

0

17.72 17.74

Time-->





#80

Pvrene

Concen: 0.035 ng/ul

RT: 19.14 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

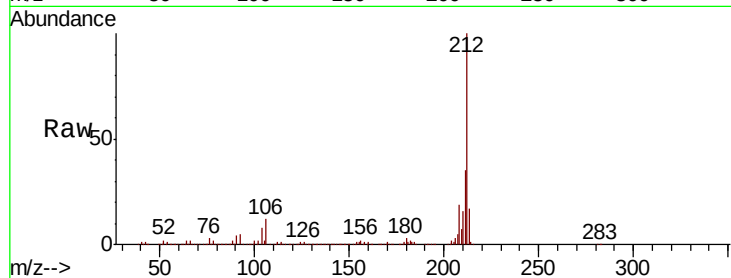
Tot Ion:202 Resp: 1134

Ion Ratio Lower Upper

202 100

101 208.0 9.4 14.2#

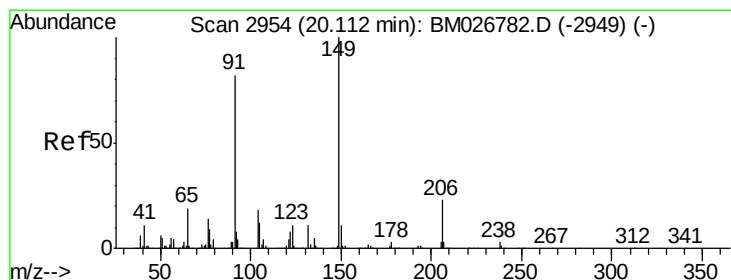
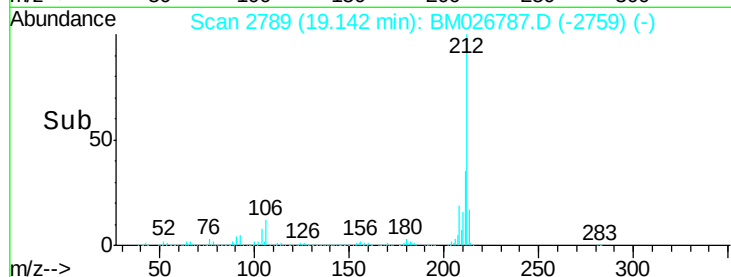
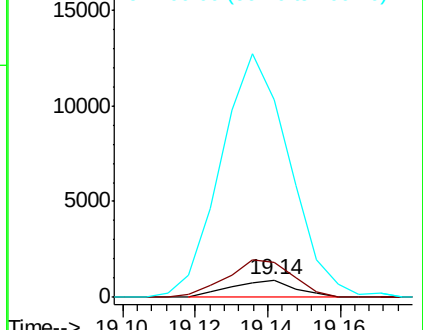
100 1152.5 8.0 12.0#



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



#81

Butylbenzylphthalate

Concen: 0.011 ng/ul

RT: 20.12 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

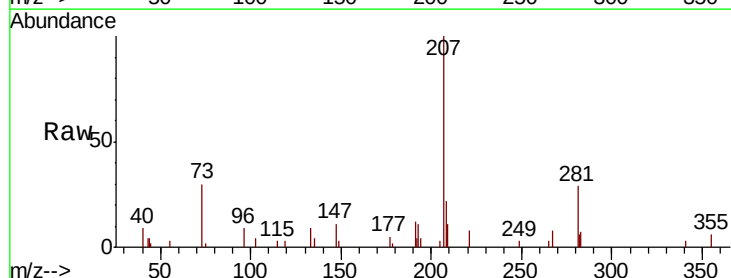
Tgt Ion:149 Resp: 130

Ion Ratio Lower Upper

149 100

91 0.0 66.4 99.6#

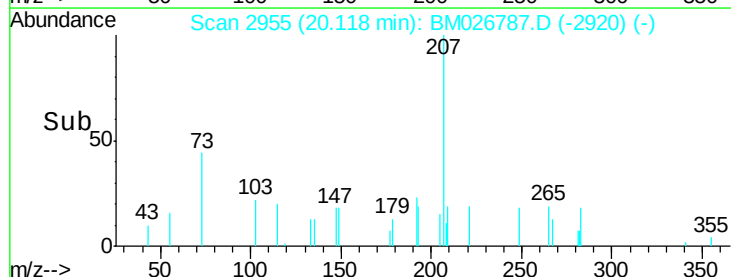
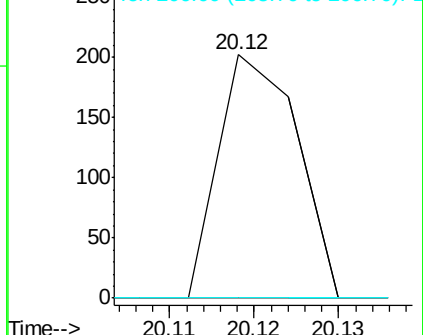
206 0.0 16.3 24.5#

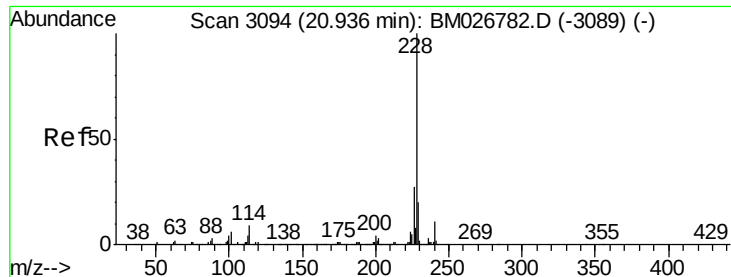


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 0.039 ng/ul

RT: 20.95 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampled :

SBLK82

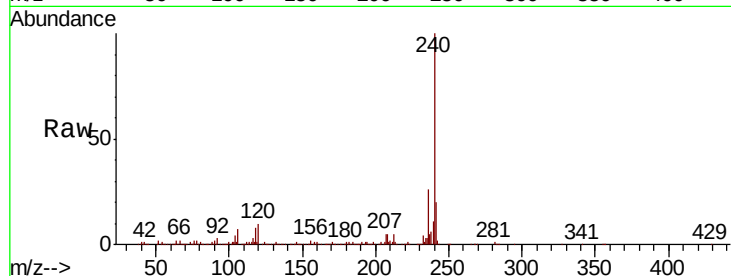
Tot Ion:228 Resp: 1243

Ion Ratio Lower Upper

228 100

229 24.2 15.4 23.0#

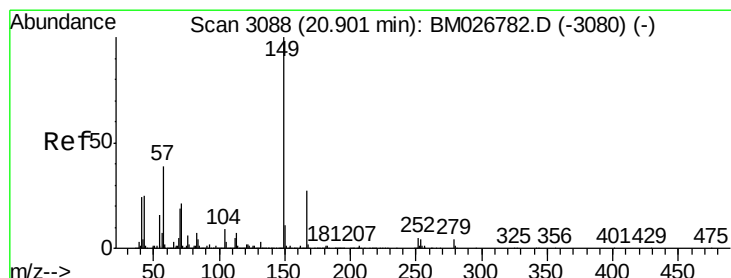
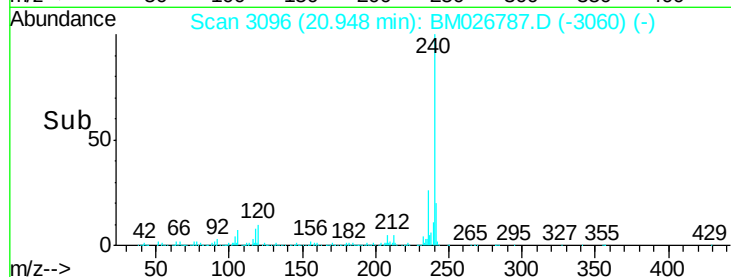
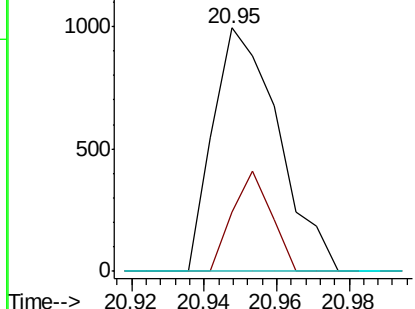
226 0.0 21.2 31.8#



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: 0.019 ng/ul

RT: 20.90 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

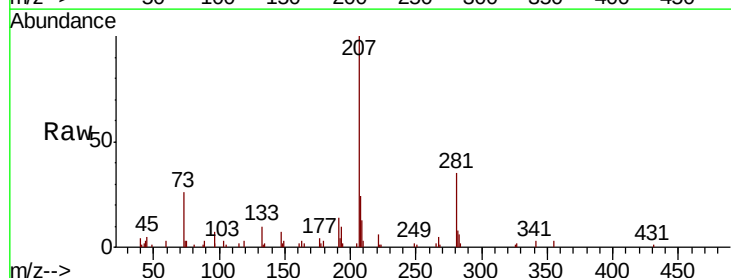
Tgt Ion:149 Resp: 335

Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

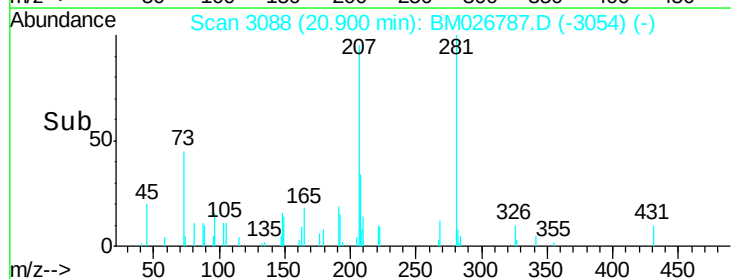
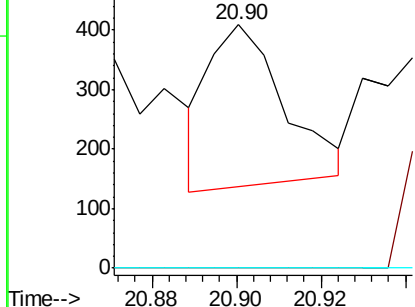
279 0.0 3.6 5.4#

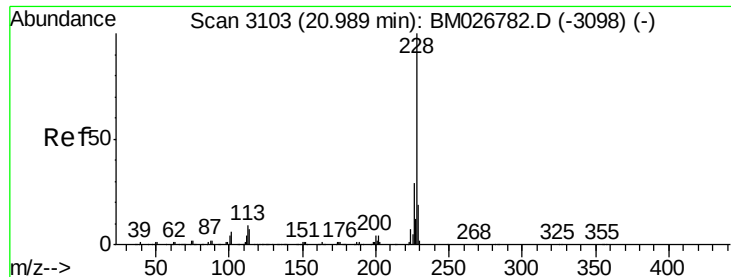


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.039 ng/ul

RT: 20.95 min Scan# 3096

Delta R.T. -0.04 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

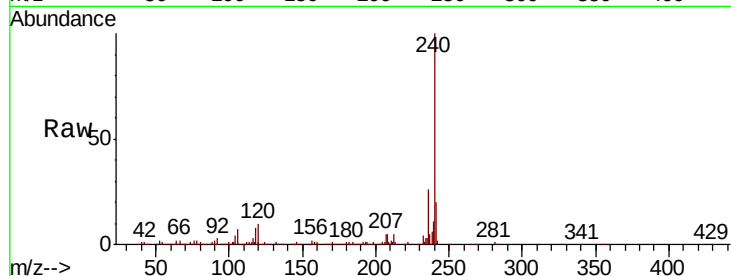
Tot Ion:228 Resp: 1243

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

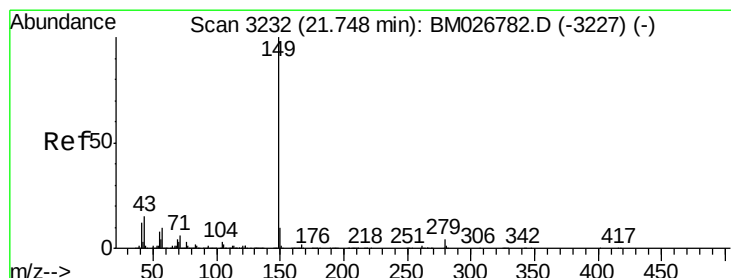
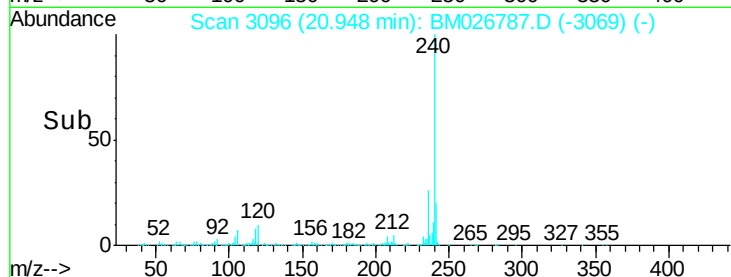
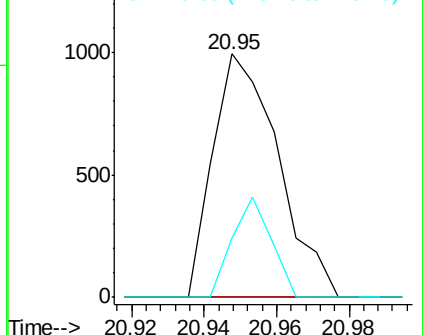
229 24.2 15.5 23.3#



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

Di-n-octyl phthalate

Concen: 0.004 ng/ul

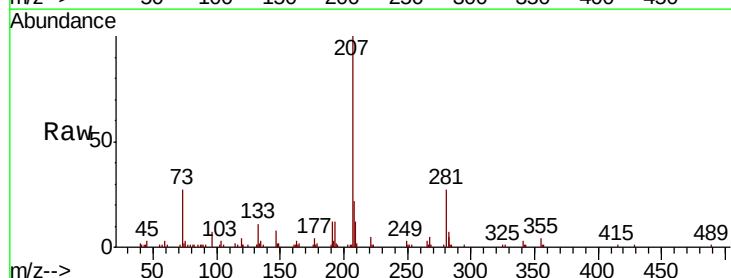
RT: 21.74 min Scan# 3231

Delta R.T. -0.01 min

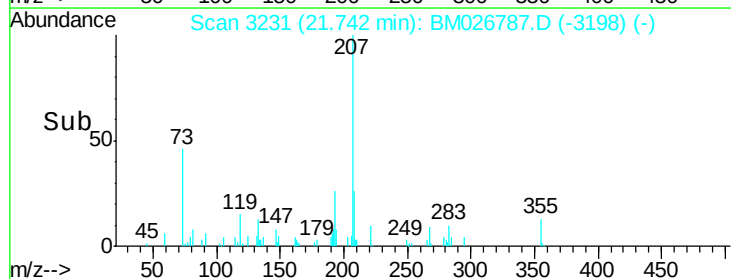
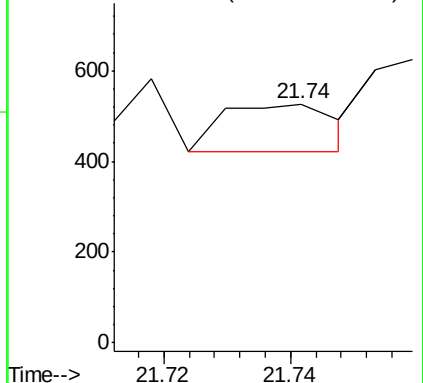
Lab File: BM026787.D

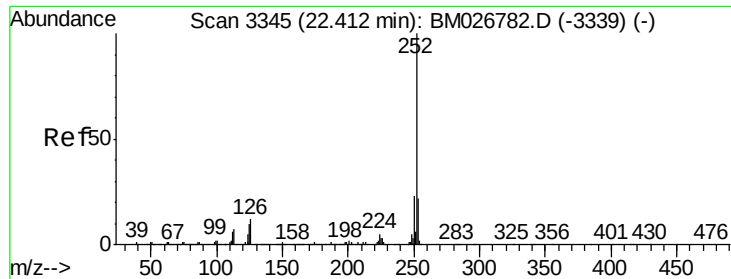
Acq: 16 Jul 2020 15:52

Tgt Ion:149 Resp: 130



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.001 ng/ul

RT: 22.41 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampled :

SBLK82

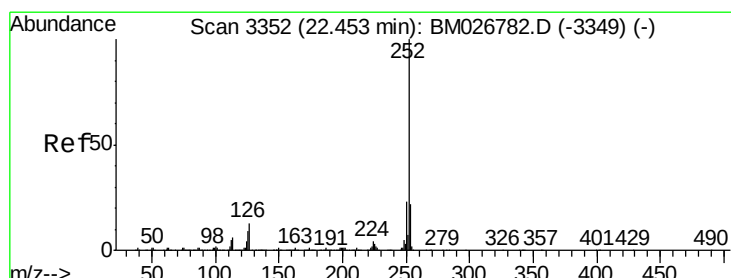
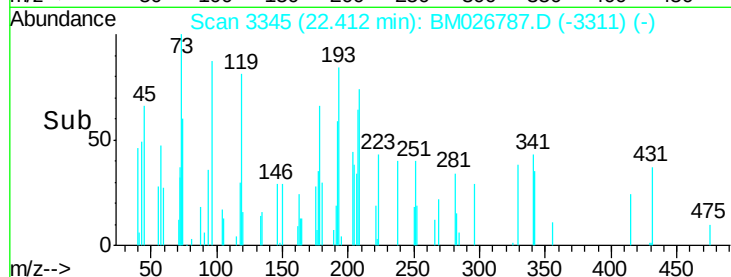
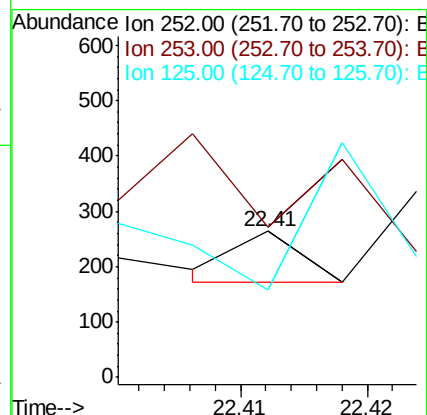
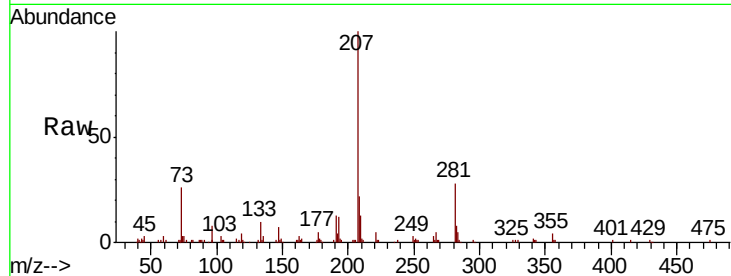
Tot Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 102.7 17.2 25.8#

125 60.2 7.6 11.4#



#89

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 22.44 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

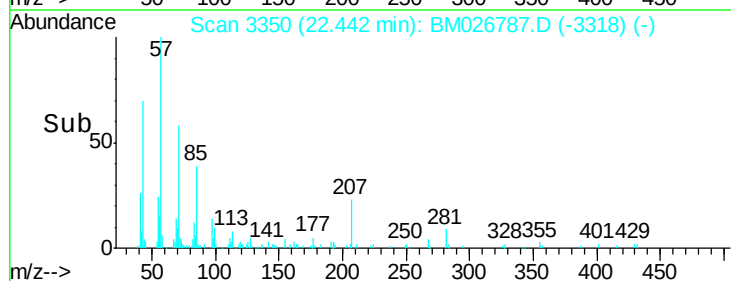
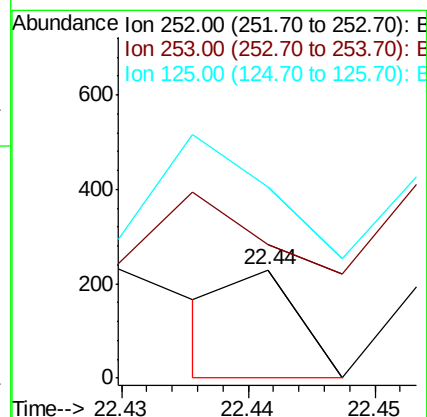
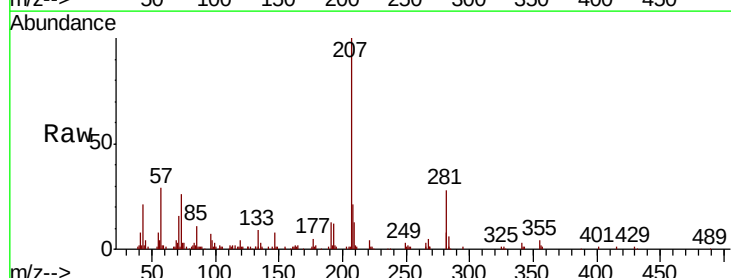
Tgt Ion:252 Resp: 81

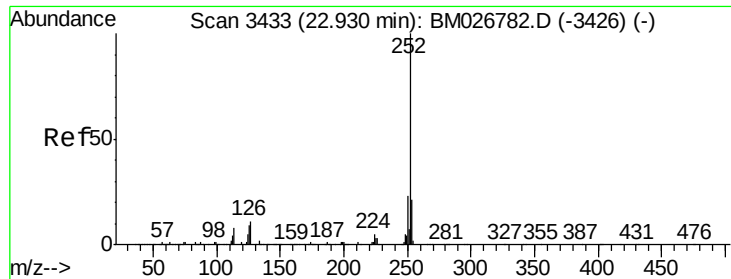
Ion Ratio Lower Upper

252 100

253 123.0 17.1 25.7#

125 175.7 7.7 11.5#





#91

Benzo(a)pyrene

Concen: 0.017 ng/ul

RT: 22.94 min Scan# 3435

Delta R.T. 0.01 min

Lab File: BM026787.D

Acq: 16 Jul 2020 15:52

Instrument :

BNA_M

ClientSampleId :

SBLK82

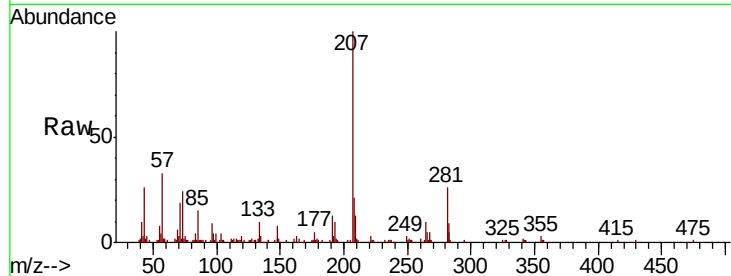
Tot Ion:252 Resp: 484

Ion Ratio Lower Upper

252 100

253 128.3 17.4 26.0#

125 178.9 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

