

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026927.D
 Acq On : 29 Jul 2020 15:48
 Operator : JU/CG
 Sample : PB130606BL
 Misc : PBBL-WATER-01
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK06

Quant Time: Jul 29 16:20:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 02:24:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	90147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	327291	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	201868	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	429629	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	454438	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	473253	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15032	7.61	ng/uL	0.00
5) Phenol-d5	6.84	99	244186	30.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	162533	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	189125	31.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	184461	30.35	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	84442	33.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	81709	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	178386	32.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	233447	35.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	509364	32.18	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	634429	31.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	83058	31.02	ng/ul	0.00
58) Fluorene-d10	15.29	176	449685	32.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	47294	24.69	ng/ul	0.00
71) Anthracene-d10	17.14	188	683710	31.84	ng/ul	0.00
79) Pyrene-d10	19.44	212	763158	31.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	863838	32.35	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.34	88	134	0.055	ng/uL# 27
4) Benzaldehyde	6.84	77	679	0.106	ng/ul# 10
8) Bis(2-Chloroethyl)ether	7.20	93	284	0.042	ng/ul# 1
12) 2,2'-oxybis(1-Chloropropan	8.37	45	1531	0.259	ng/ul# 70
20) Nitrobenzene	8.81	77	1159	0.141	ng/ul# 36
21) Isophorone	9.52	82	9882	0.680	ng/ul# 76
45) Dimethylphthalate	13.72	163	144	0.009	ng/ul# 1
59) Fluorene	15.29	166	1114	0.068	ng/ul# 8
61) 4-Nitroaniline	15.29	138	336	0.096	ng/ul# 1
65) N-Nitrosodiphenylamine	15.42	169	506	0.036	ng/ul# 24
70) Phenanthrene	17.05	178	196	0.008	ng/ul# 1
72) Anthracene	17.14	178	278	0.010	ng/ul# 1
76) Di-n-butylphthalate	18.04	149	505	0.018	ng/ul# 77
80) Pyrene	19.47	202	77	0.002	ng/ul# 71
81) Butylbenzylphthalate	20.41	149	122	0.010	ng/ul# 74
82) 3,3'-Dichlorobenzidine	21.15	252	120	0.011	ng/ul# 26
83) Benzo(a)anthracene	21.24	228	1510	0.048	ng/ul# 68
84) Bis(2-ethylhexyl)phthalate	21.18	149	916	0.050	ng/ul# 54
85) Chrysene	21.24	228	1510	0.049	ng/ul# 65
87) Di-n-octyl phthalate	22.06	149	160	0.005	ng/ul 100
88) Benzo(b)fluoranthene	22.79	252	208	0.006	ng/ul# 1
89) Benzo(k)fluoranthene	22.82	252	298	0.009	ng/ul# 1
91) Benzo(a)pyrene	23.35	252	170	0.006	ng/ul# 49

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

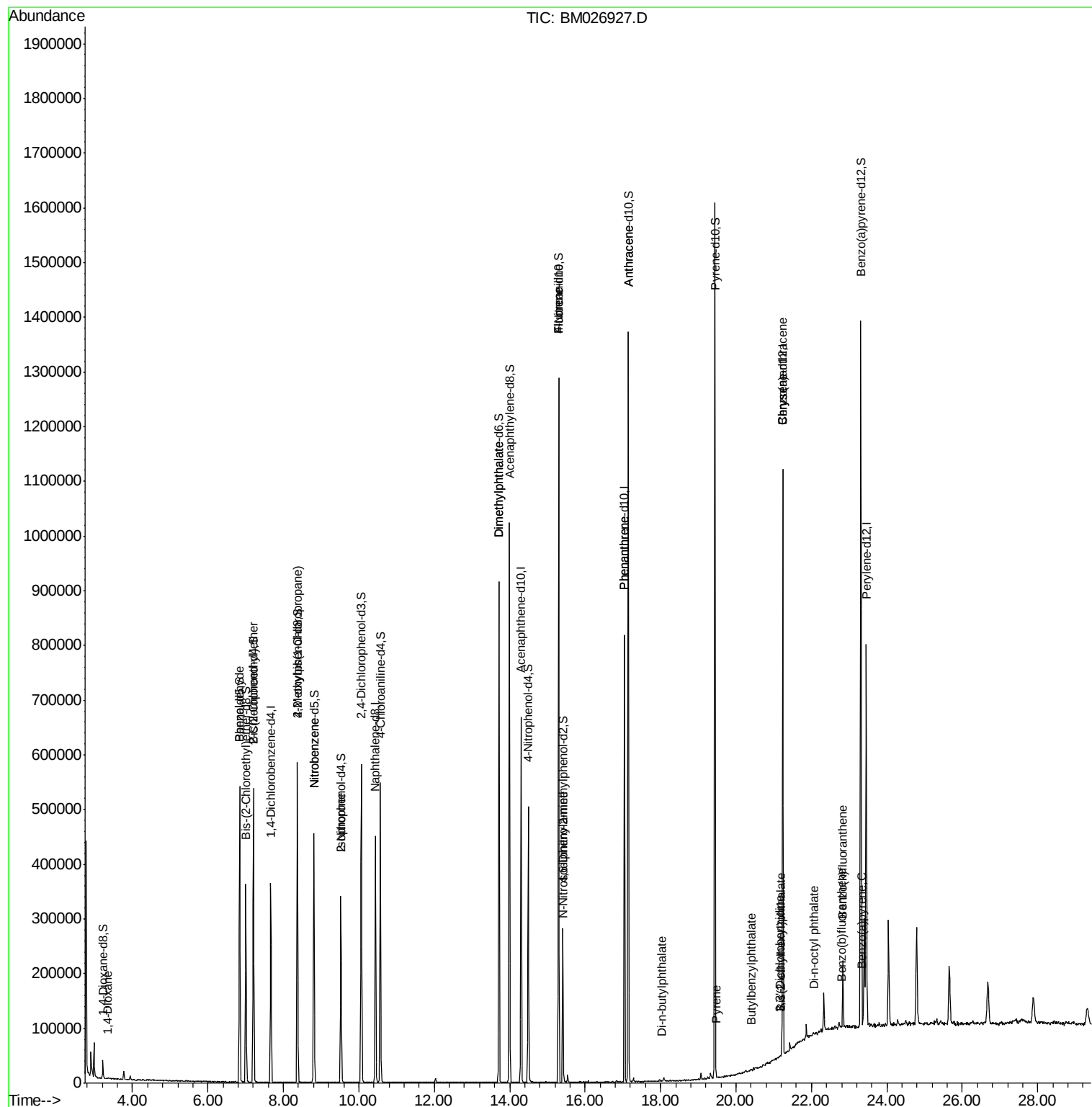
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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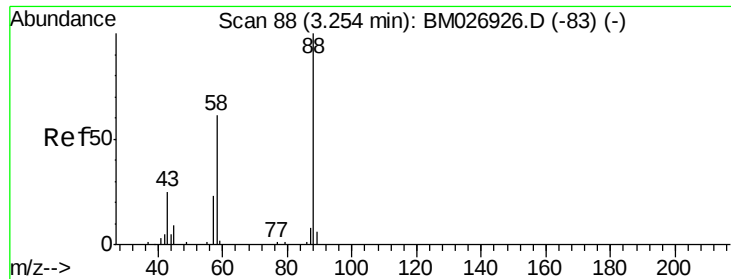
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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QLast Update : Wed Jul 29 02:24:07 2020
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#2

1,4-Dioxane

Concen: 0.055 ng/uL

RT: 3.34 min Scan# 102

Delta R.T. 0.08 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampled :

SBLK06

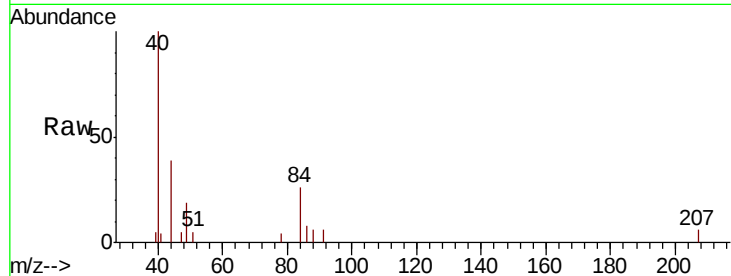
Tot Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

58 0.0 50.8 76.2#

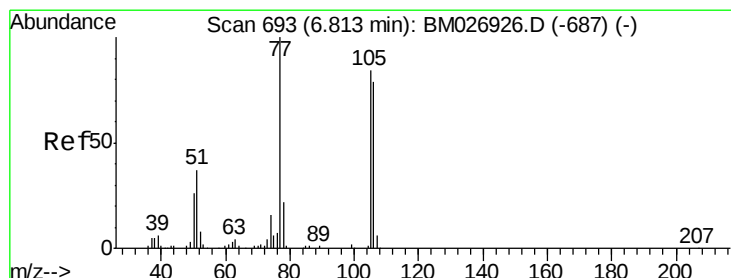
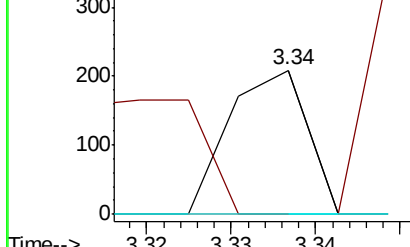
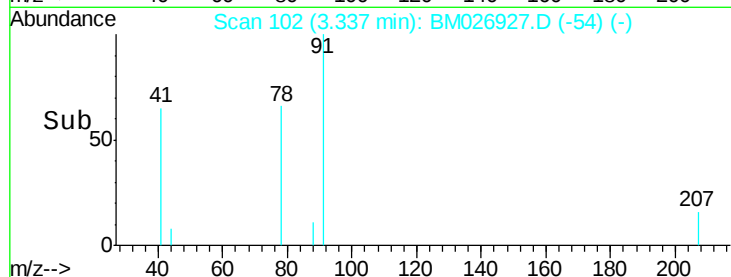


Abundance Ion 88.00 (87.70 to 88.70): BM026927.D (-54) (-)

Ion 43.00 (42.70 to 43.70): BM026927.D (-54) (-)

Ion 58.00 (57.70 to 58.70): BM026927.D (-54) (-)

Time-->



#4

Benzaldehyde

Concen: 0.106 ng/uL

RT: 6.84 min Scan# 698

Delta R.T. 0.03 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

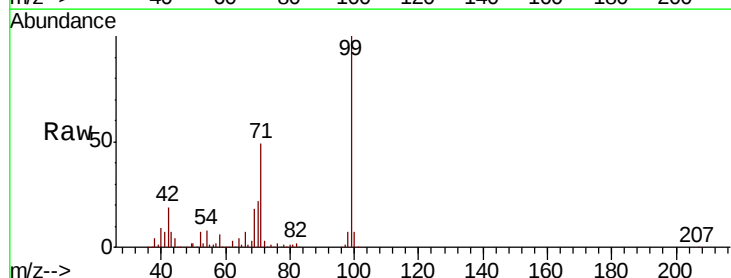
Tgt Ion: 77 Resp: 679

Ion Ratio Lower Upper

77 100

105 0.0 64.9 97.3#

106 0.0 62.5 93.7#

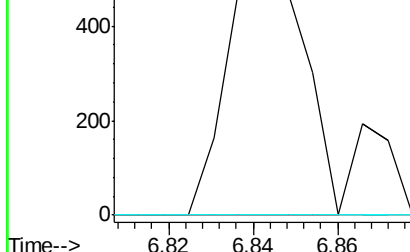
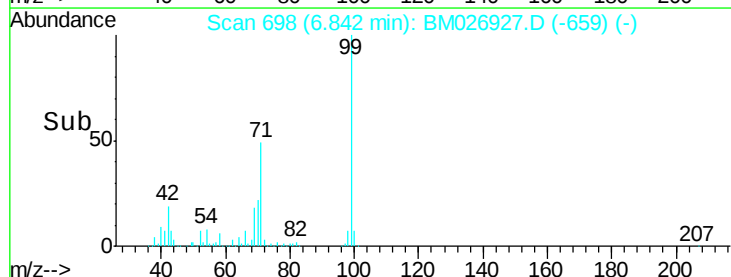


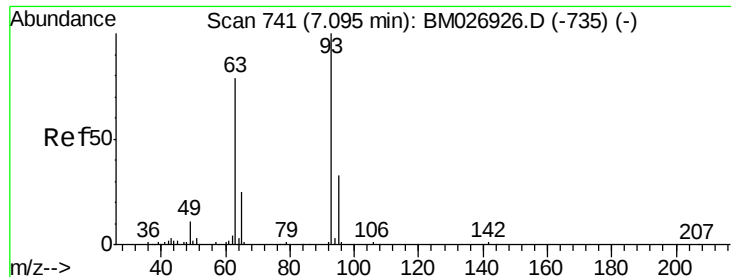
Abundance Ion 77.00 (76.70 to 77.70): BM026927.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM026927.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM026927.D (-659) (-)

Time-->





#8

Bis(2-Chloroethyl)ether

Concen: 0.042 ng/ul

RT: 7.20 min Scan# 759

Delta R.T. 0.10 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

SBLK06

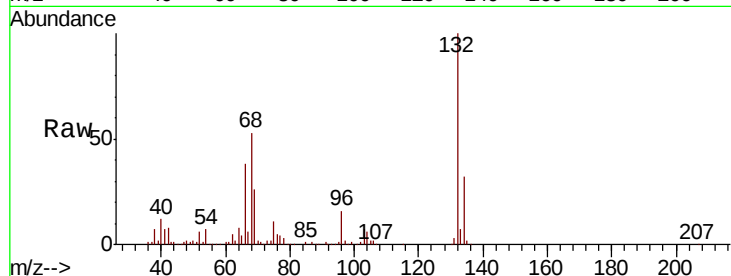
Tot Ion: 93 Resp: 284

Ion Ratio Lower Upper

93 100

63 685.4 62.9 94.3#

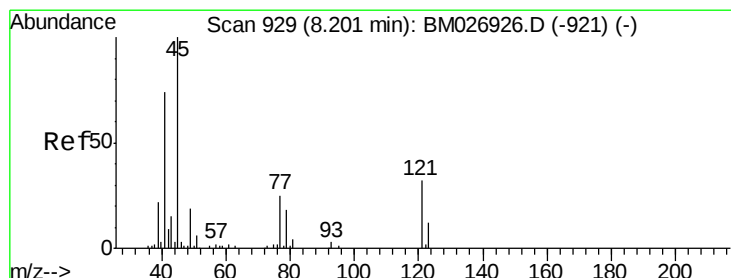
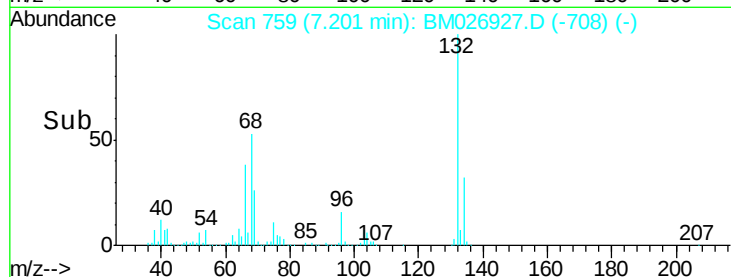
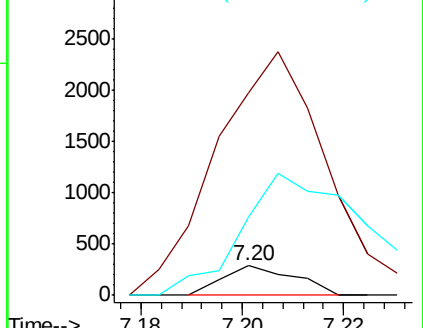
95 264.6 24.6 37.0#



Abundance Ion 93.00 (92.70 to 93.70): BM026927.D (-759) (-)

Ion 63.00 (62.70 to 63.70): BM026927.D (-759) (-)

Ion 95.00 (94.70 to 95.70): BM026927.D (-759) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.259 ng/ul

RT: 8.37 min Scan# 958

Delta R.T. 0.16 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

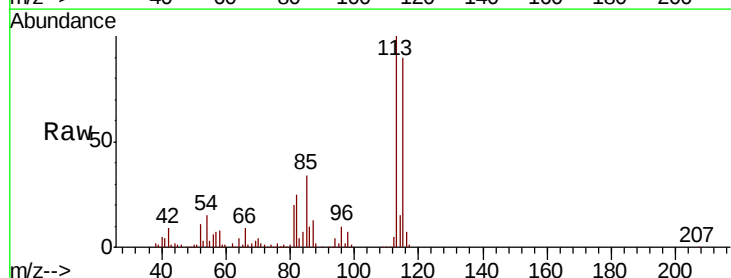
Tgt Ion: 45 Resp: 1531

Ion Ratio Lower Upper

45 100

77 41.4 19.7 29.5#

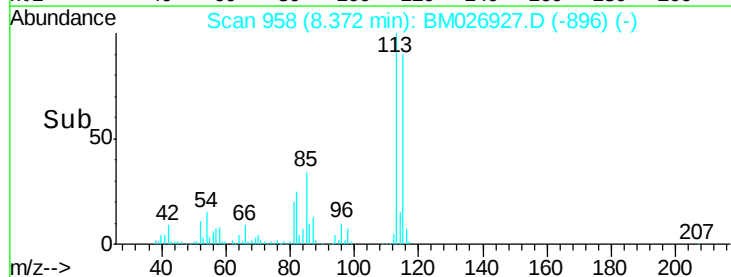
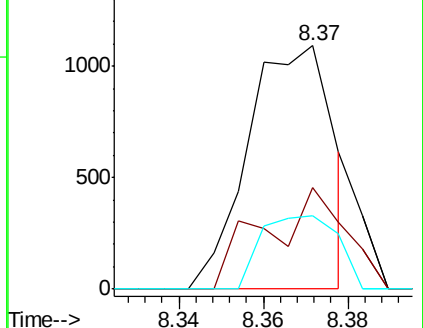
79 30.1 14.9 22.3#

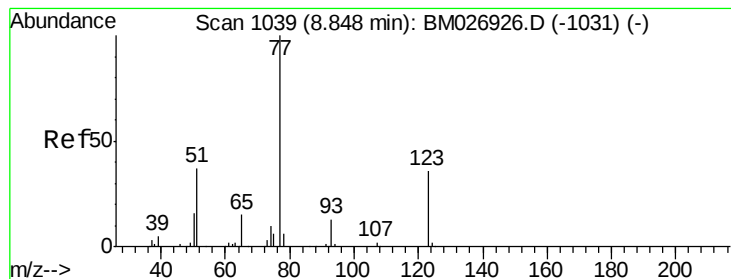


Abundance Ion 45.00 (44.70 to 45.70): BM026927.D (-958) (-)

Ion 77.00 (76.70 to 77.70): BM026927.D (-958) (-)

Ion 79.00 (78.70 to 79.70): BM026927.D (-958) (-)





#20

Nitrobenzene

Concen: 0.141 ng/ul

RT: 8.81 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampled :

SBLK06

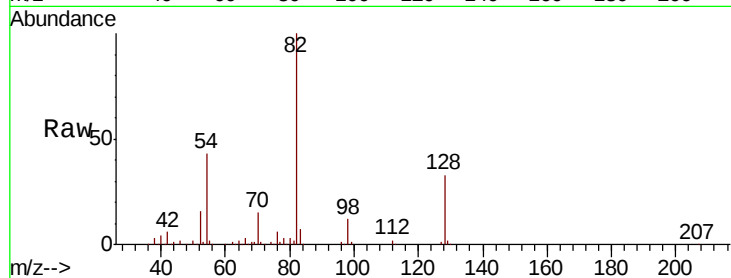
Tot Ion: 77 Resp: 1159

Ion Ratio Lower Upper

77 100

123 0.0 28.3 42.5#

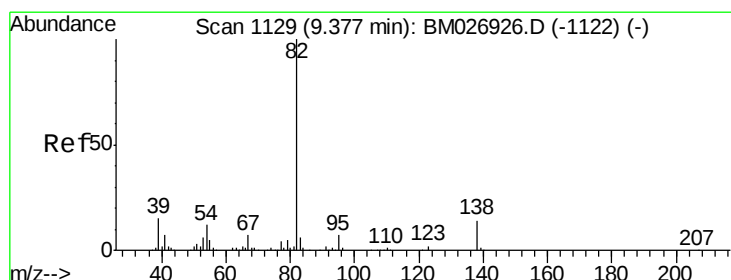
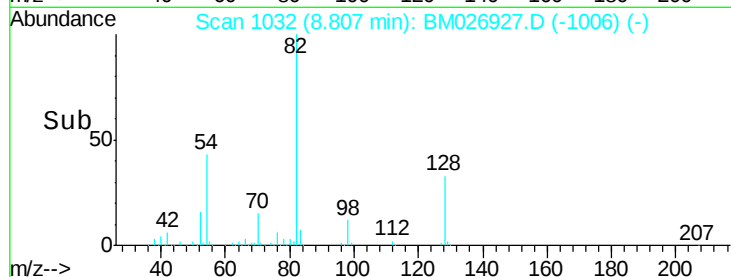
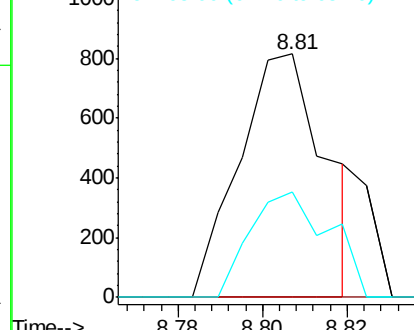
65 43.4 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BM026927.D (-1006) (-)

Ion 123.00 (122.70 to 123.70): BM026927.D (-1006) (-)

Ion 65.00 (64.70 to 65.70): BM026927.D (-1006) (-)



#21

Isophorone

Concen: 0.680 ng/ul

RT: 9.52 min Scan# 1154

Delta R.T. 0.14 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

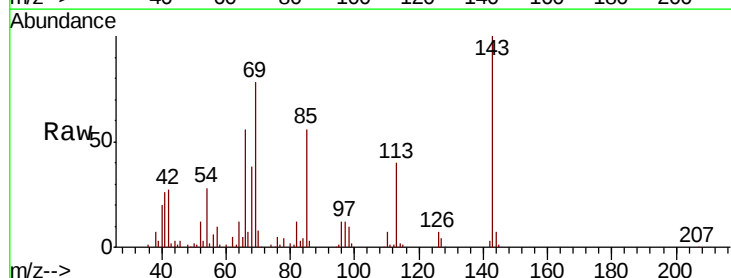
Tgt Ion: 82 Resp: 9882

Ion Ratio Lower Upper

82 100

95 6.8 6.0 9.0

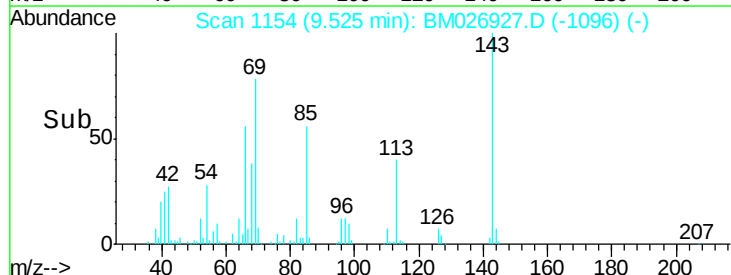
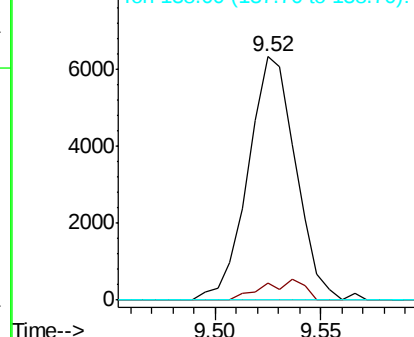
138 0.0 11.5 17.3#

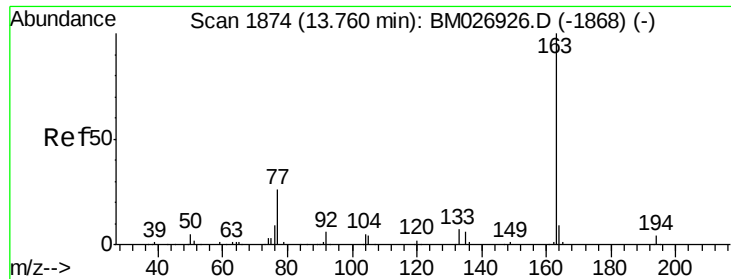


Abundance Ion 82.00 (81.70 to 82.70): BM026927.D (-1096) (-)

Ion 95.00 (94.70 to 95.70): BM026927.D (-1096) (-)

Ion 138.00 (137.70 to 138.70): BM026927.D (-1096) (-)





#45

Dimethylphthalate

Concen: 0.009 ng/ul

RT: 13.72 min Scan# 1867

Delta R.T. -0.05 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampled :

SBLK06

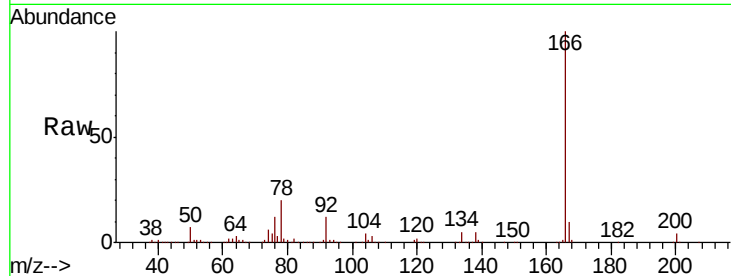
Tot Ion:163 Resp: 144

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

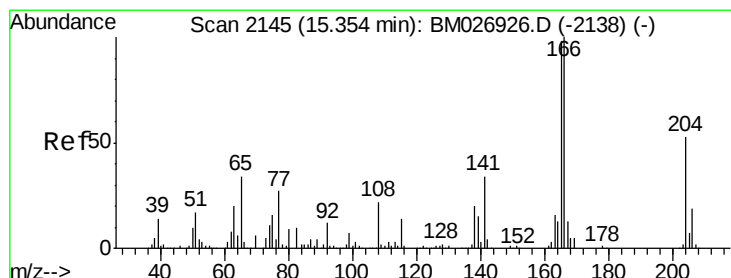
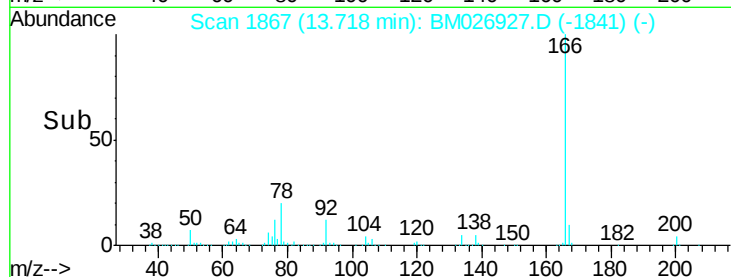
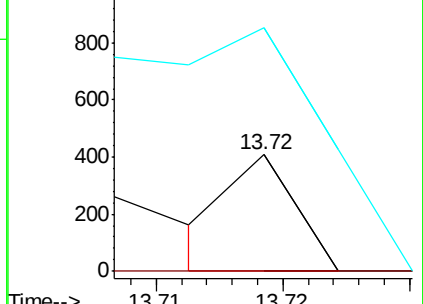
164 209.6 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Fluorene

Concen: 0.068 ng/ul

RT: 15.29 min Scan# 2135

Delta R.T. -0.06 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

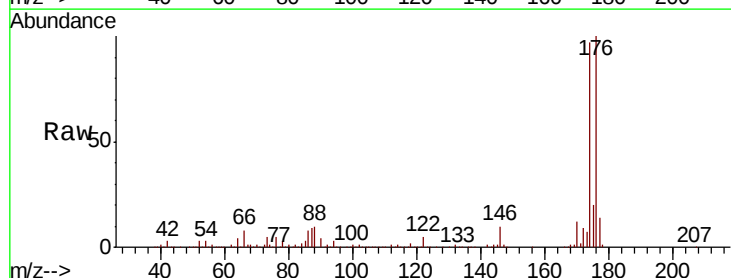
Tgt Ion:166 Resp: 1114

Ion Ratio Lower Upper

166 100

165 0.0 78.2 117.2#

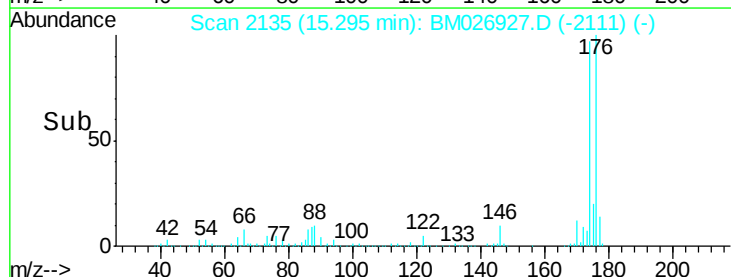
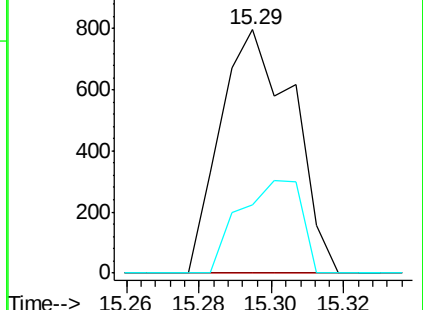
167 28.2 10.3 15.5#

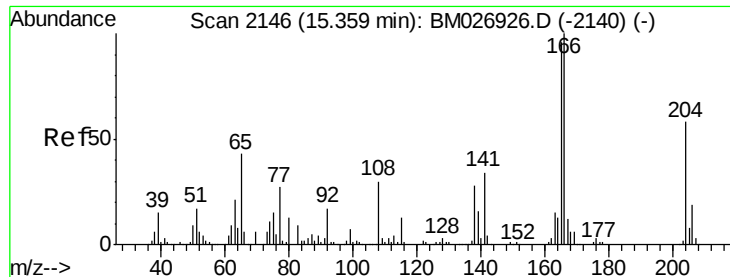


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

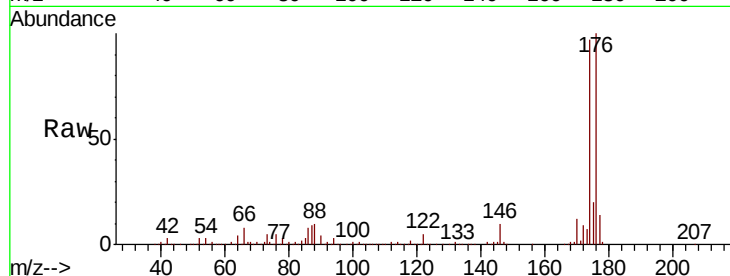




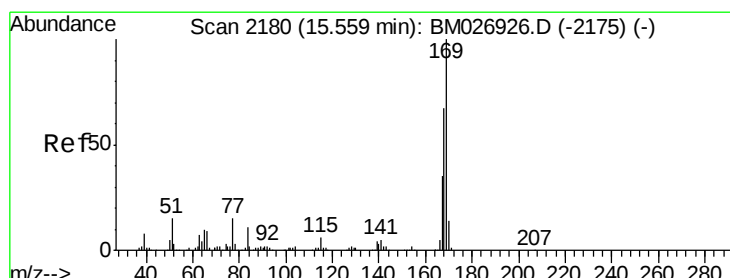
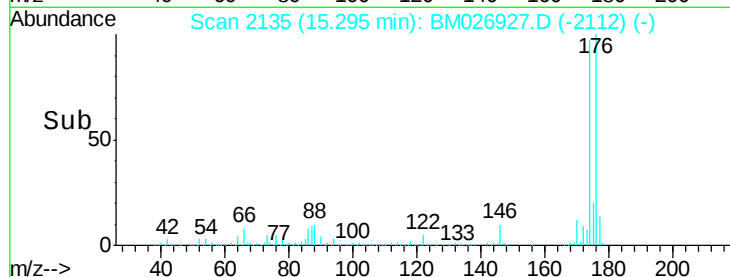
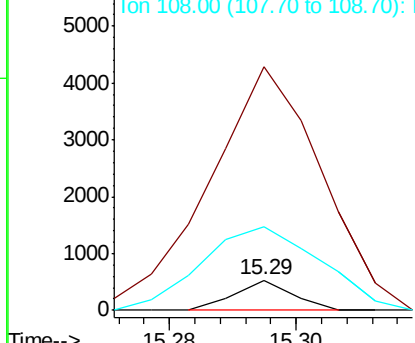
#61
 4-Nitroaniline
 Concen: 0.096 ng/ul
 RT: 15.29 min Scan# 2135
 Delta R.T. -0.06 min
 Lab File: BM026927.D
 Acq: 29 Jul 2020 15:48

Instrument :
 BNA_M
 ClientSampled :
 SBLK06

Tot Ion:138 Resp: 336
 Ion Ratio Lower Upper
 138 100
 92 802.1 49.9 74.9#
 108 273.4 78.9 118.3#

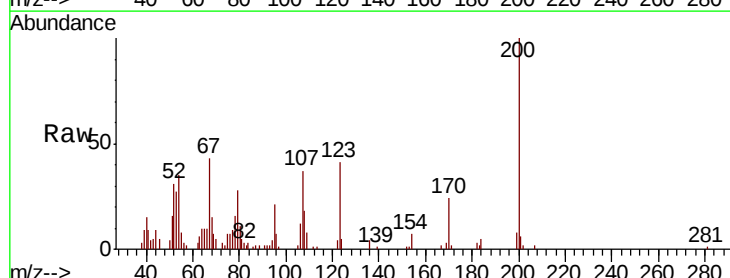


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

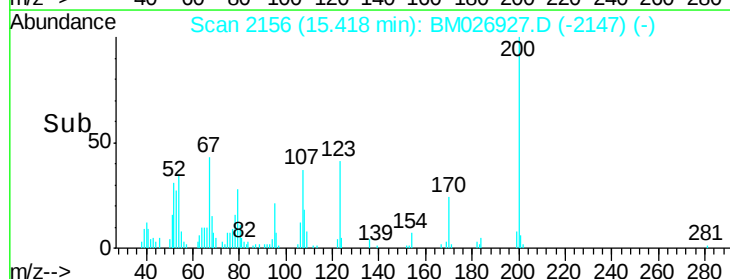
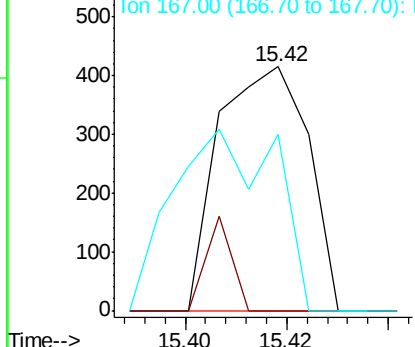


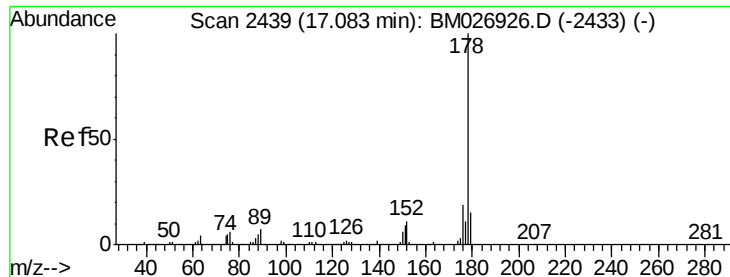
#65
 N-Nitrosodiphenylamine
 Concen: 0.036 ng/ul
 RT: 15.42 min Scan# 2156
 Delta R.T. -0.15 min
 Lab File: BM026927.D
 Acq: 29 Jul 2020 15:48

Tgt Ion:169 Resp: 506
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.6 82.0#
 167 72.0 29.1 43.7#



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: 0.008 ng/ul

RT: 17.05 min Scan# 2433

Delta R.T. -0.04 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

SBLK06

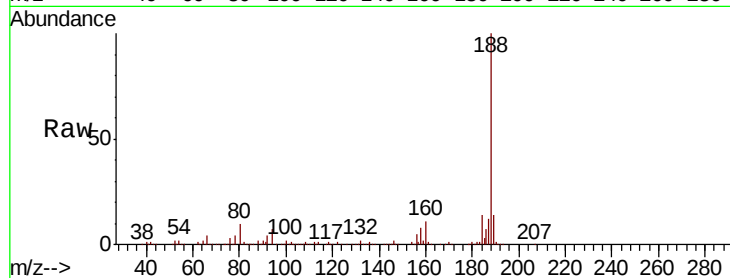
Tot Ion:178 Resp: 196

Ion Ratio Lower Upper

178 100

179 102.0 12.0 18.0#

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

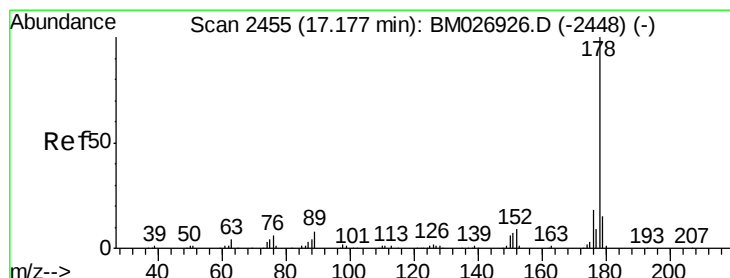
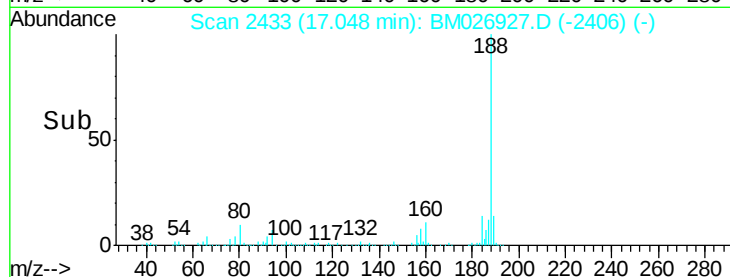
17.05

200

100

0

Time--> 17.02 17.04 17.06



#72

Anthracene

Concen: 0.010 ng/ul

RT: 17.14 min Scan# 2449

Delta R.T. -0.04 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

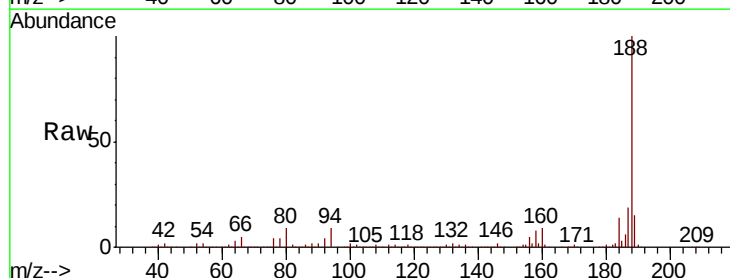
Tgt Ion:178 Resp: 278

Ion Ratio Lower Upper

178 100

179 185.4 11.8 17.6#

176 0.0 15.0 22.6#



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

17.14

800

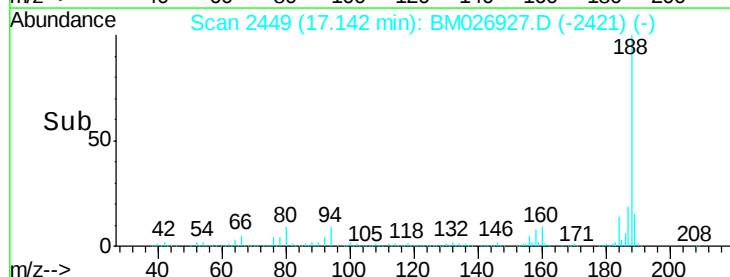
600

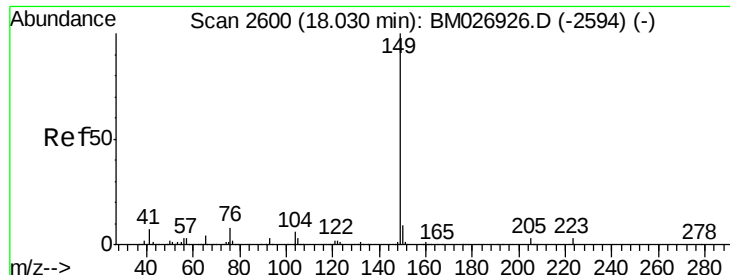
400

200

0

Time--> 17.12 17.14 17.16

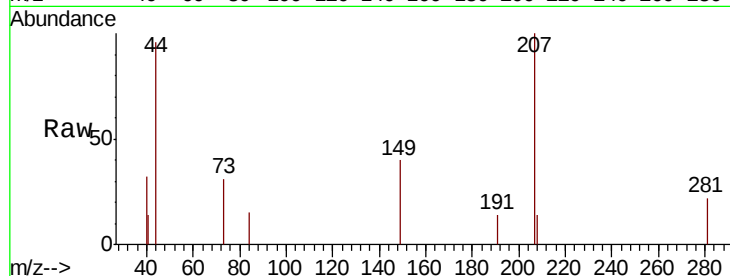




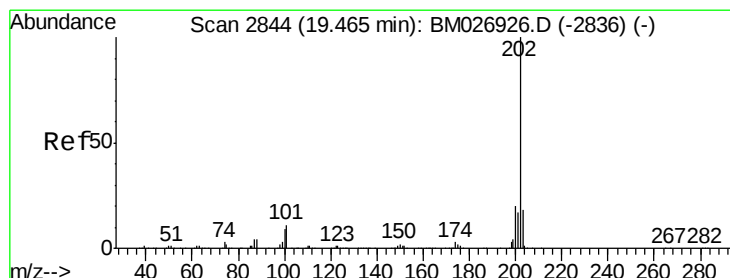
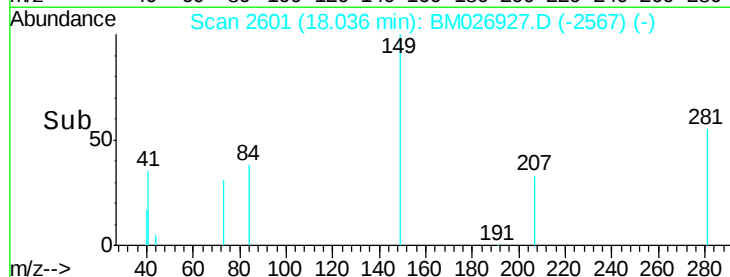
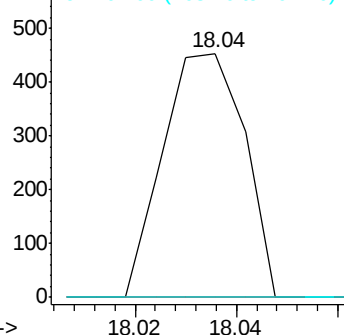
#76
Di-n-butylphthalate
Concen: 0.018 ng/ul
RT: 18.04 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BM026927.D
Acq: 29 Jul 2020 15:48

Instrument :
BNA_M
ClientSampleId :
SBLK06

Tot Ion:149 Resp: 505
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 4.7 7.1#

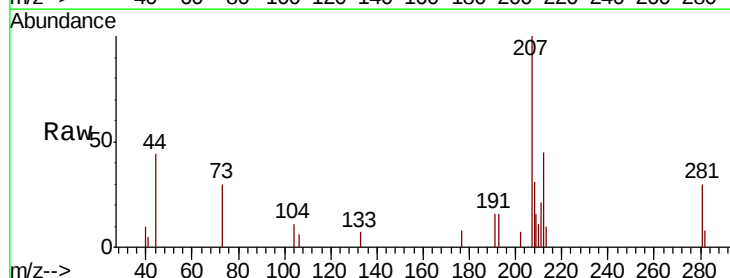


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

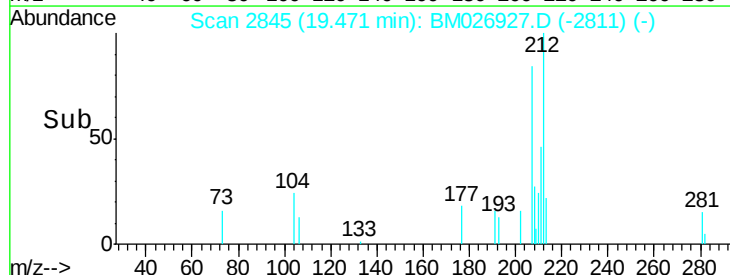
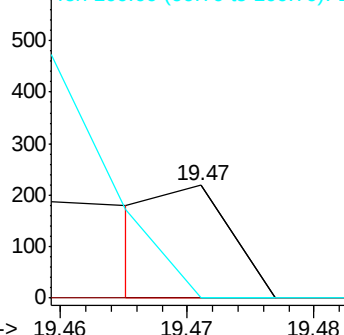


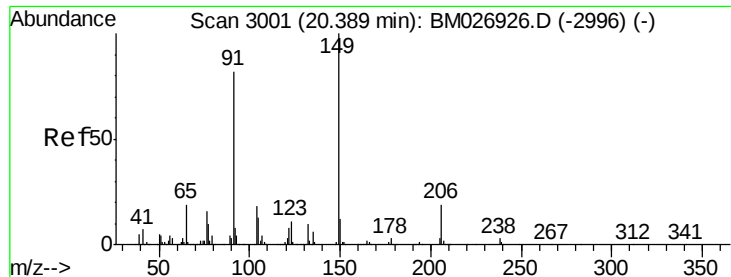
#80
Pyrene
Concen: 0.002 ng/ul
RT: 19.47 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BM026927.D
Acq: 29 Jul 2020 15:48

Tgt Ion:202 Resp: 77
Ion Ratio Lower Upper
202 100
101 0.0 9.4 14.2#
100 0.0 8.2 12.4#



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

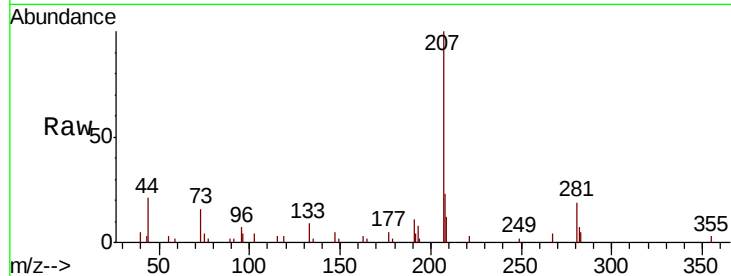




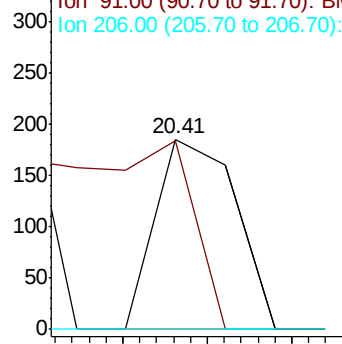
#81
Butylbenzylphthalate
Concen: 0.010 ng/ul
RT: 20.41 min Scan# 3004
Delta R.T. 0.01 min
Lab File: BM026927.D
Acq: 29 Jul 2020 15:48

Instrument :
BNA_M
ClientSampleId :
SBLK06

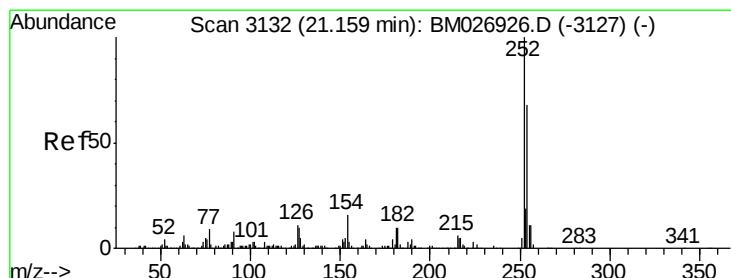
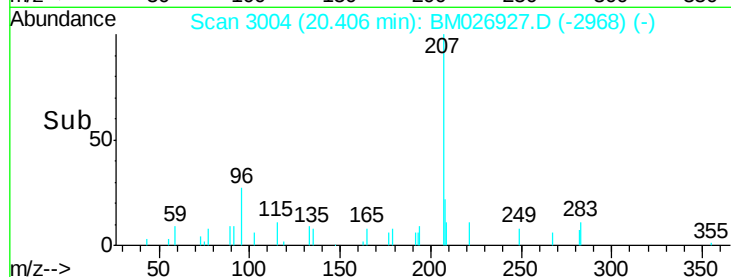
Tot Ion	Ratio	Lower	Upper
149	100		
91	98.9	64.2	96.2#
206	0.0	15.8	23.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

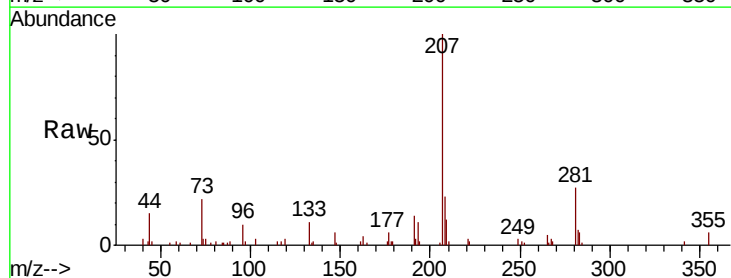


Time-->

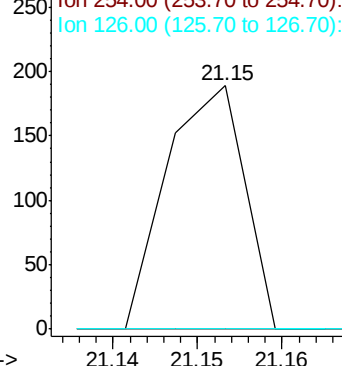


#82
3,3'-Dichlorobenzidine
Concen: 0.011 ng/ul
RT: 21.15 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM026927.D
Acq: 29 Jul 2020 15:48

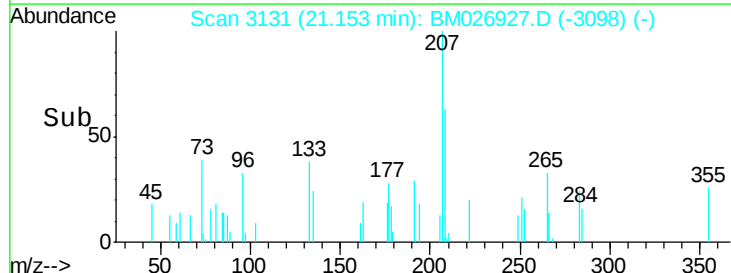
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.7	13.1#

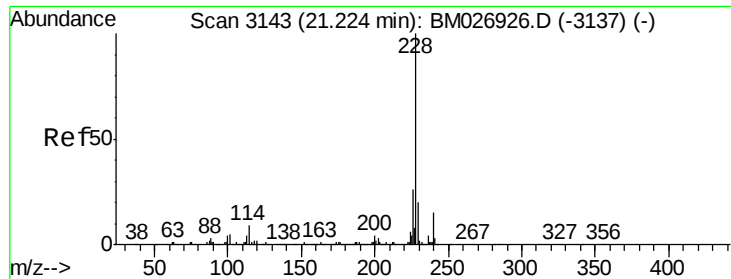


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Benzo(a)anthracene

Concen: 0.048 ng/ul

RT: 21.24 min Scan# 3146

Delta R.T. 0.02 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

SBLK06

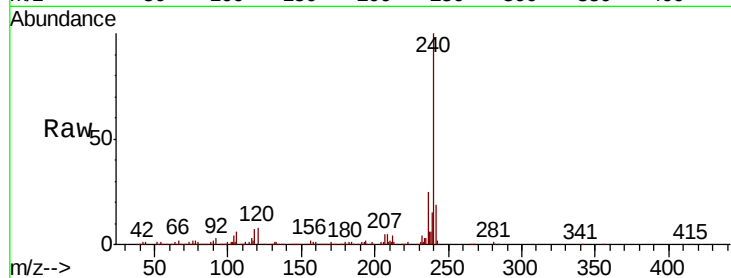
Tot Ion:228 Resp: 1510

Ion Ratio Lower Upper

228 100

229 16.5 15.4 23.2

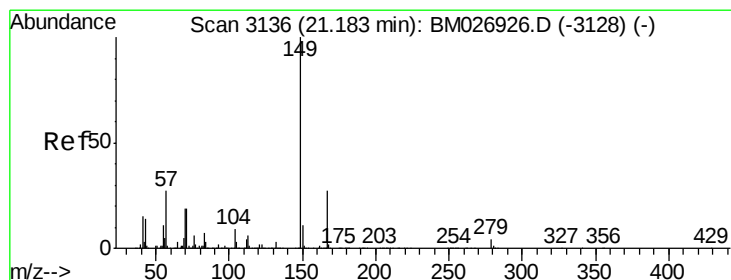
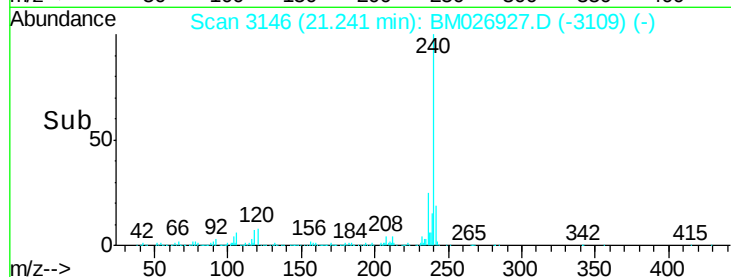
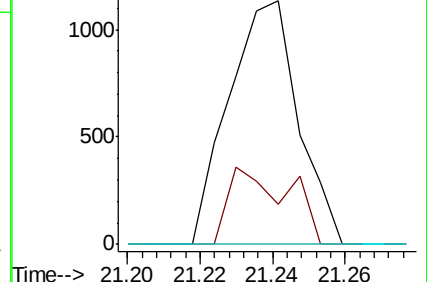
226 0.0 20.9 31.3#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng/ul

RT: 21.18 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

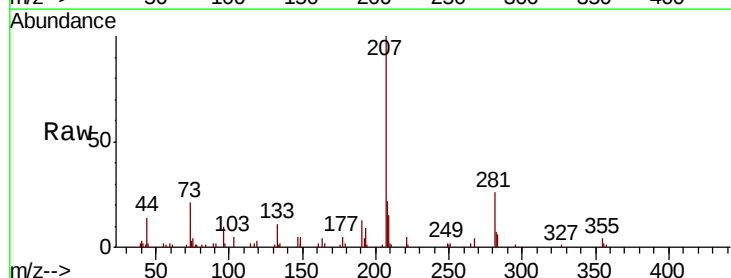
Tgt Ion:149 Resp: 916

Ion Ratio Lower Upper

149 100

167 0.0 20.6 31.0#

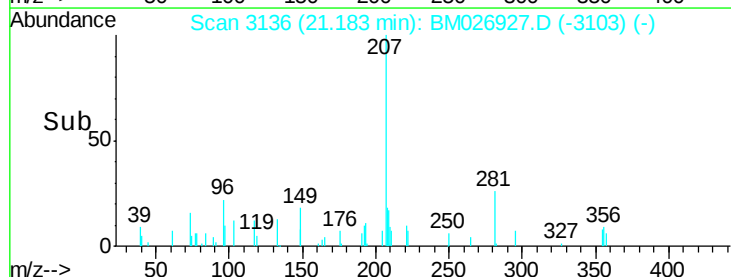
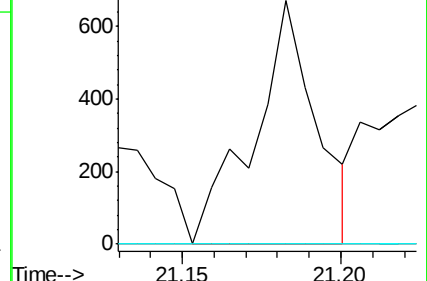
279 0.0 3.0 4.6#

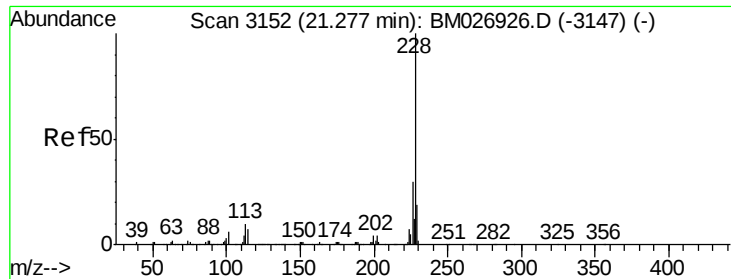


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.049 ng/ul

RT: 21.24 min Scan# 3146

Delta R.T. -0.04 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

SBLK06

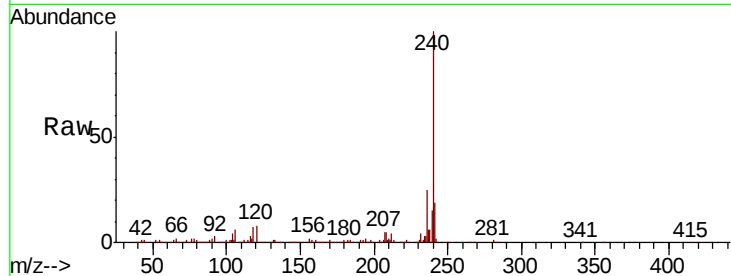
Tot Ion:228 Resp: 1510

Ion Ratio Lower Upper

228 100

226 0.0 23.2 34.8#

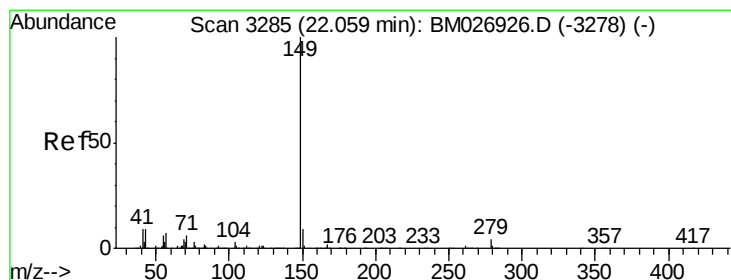
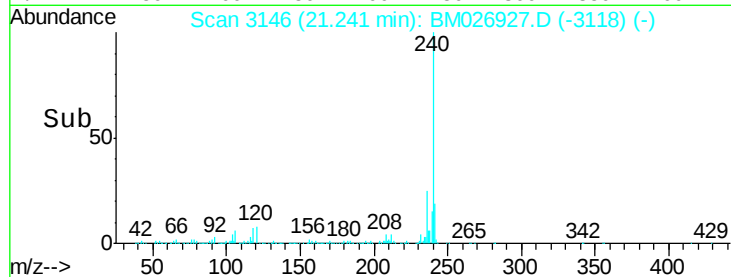
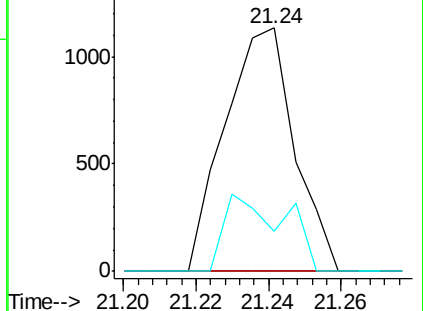
229 16.5 15.5 23.3



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: 0.005 ng/ul

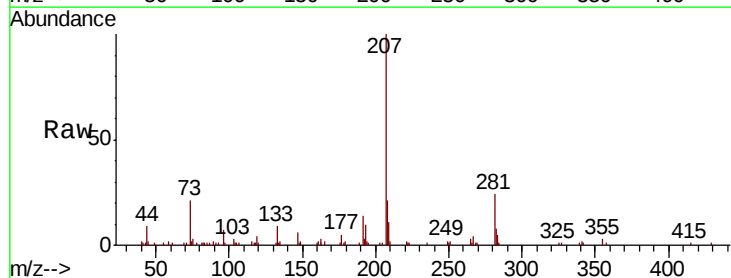
RT: 22.06 min Scan# 3285

Delta R.T. -0.01 min

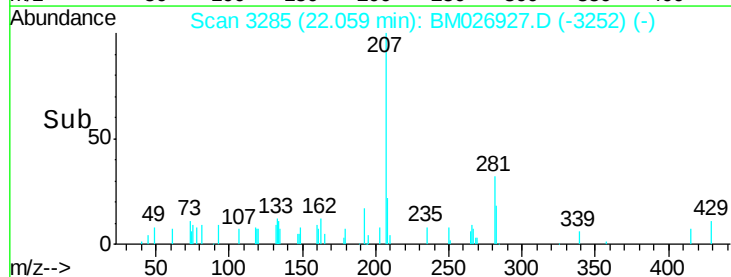
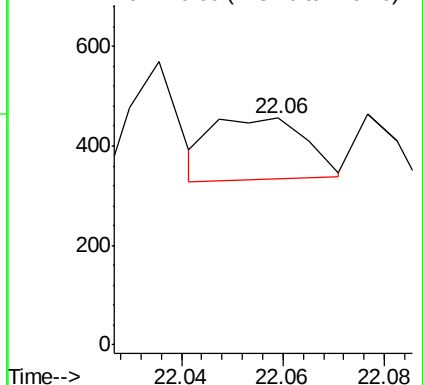
Lab File: BM026927.D

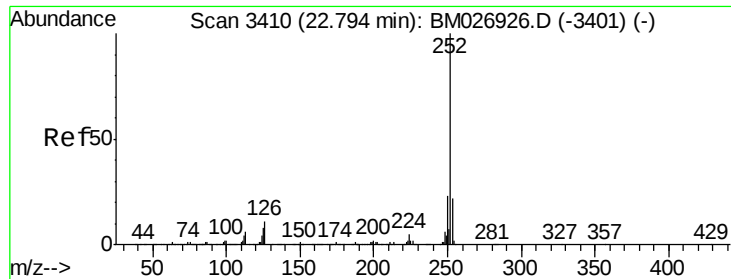
Acq: 29 Jul 2020 15:48

Tgt Ion:149 Resp: 160



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 22.79 min Scan# 3410

Delta R.T. -0.00 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampled :

SBLK06

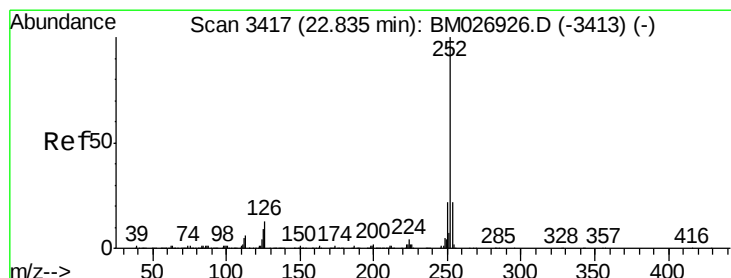
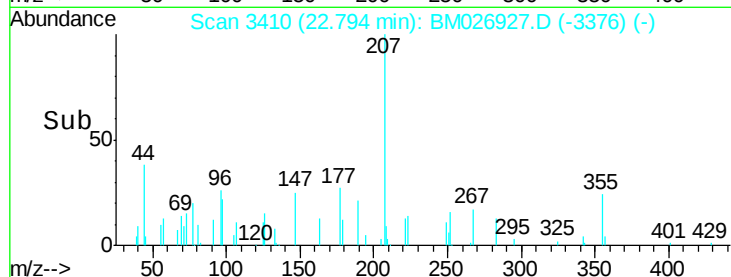
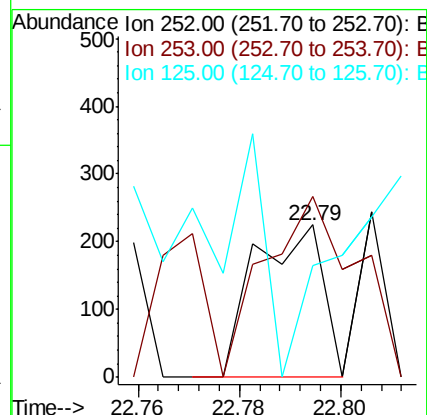
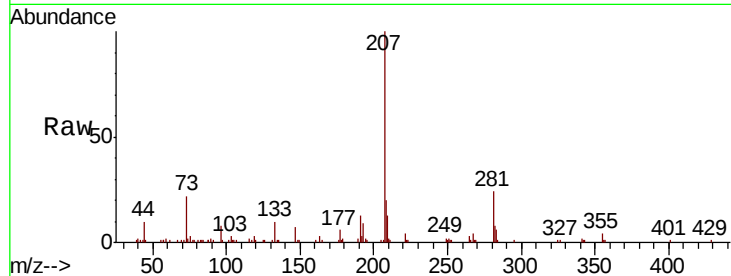
Tot Ion:252 Resp: 208

Ion Ratio Lower Upper

252 100

253 118.7 17.6 26.4#

125 167.6 6.6 10.0#



#89

Benzo(k)fluoranthene

Concen: 0.009 ng/ul

RT: 22.82 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

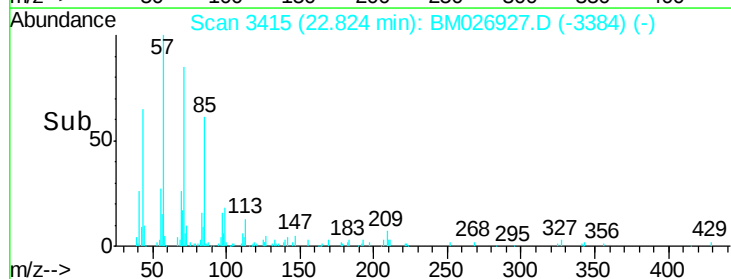
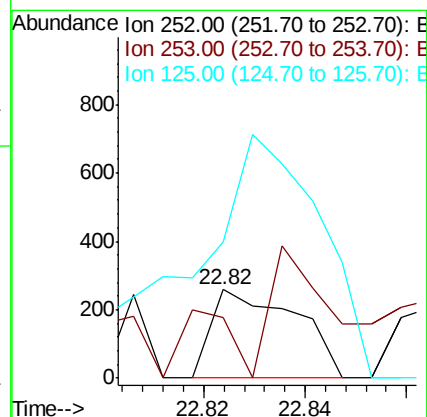
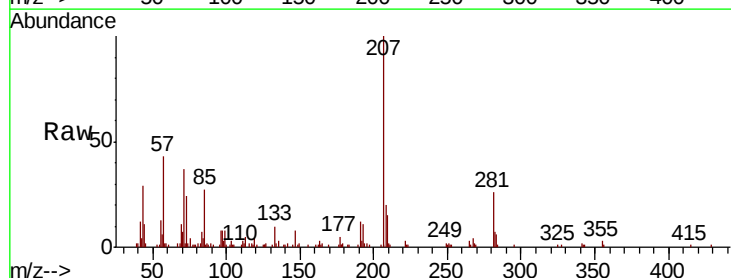
Tgt Ion:252 Resp: 298

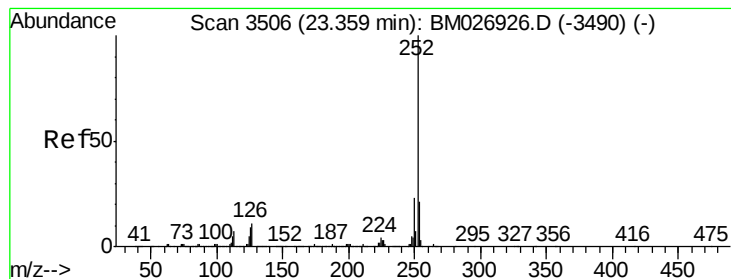
Ion Ratio Lower Upper

252 100

253 69.4 17.4 26.2#

125 155.0 7.3 10.9#





#91

Benzo(a)pyrene

Concen: 0.006 ng/ul

RT: 23.35 min Scan# 3505

Delta R.T. -0.01 min

Lab File: BM026927.D

Acq: 29 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

SBLK06

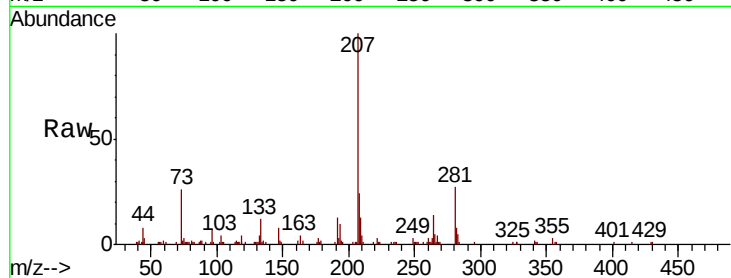
Tot Ion:252 Resp: 170

Ion Ratio Lower Upper

252 100

253 52.0 17.7 26.5#

125 0.0 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

