

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
 Data File : BM026967.D
 Acq On : 31 Jul 2020 20:31
 Operator : JU/CG
 Sample : L3424-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 00:48:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:45:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	128259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	514176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	316081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	646365	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	679279	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	651821	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1907	0.68	ng/uL	0.00
5) Phenol-d5	6.84	99	52844	4.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	34260	4.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	39238	4.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41244	4.77	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	19631	4.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	20166	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	41020	4.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	26072	2.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	120423	4.86	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	156121	4.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	14304	3.41	ng/ul	0.00
58) Fluorene-d10	15.28	176	103337	4.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	11216	3.89	ng/ul	0.00
71) Anthracene-d10	17.13	188	157912	4.89	ng/ul	0.00
79) Pyrene-d10	19.43	212	165096	4.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	166757	4.53	ng/ul	0.02

Target Compounds

					Ovalue
28) Naphthalene	10.48	128	128513	4.474	ng/ul 99
30) 4-Chloroaniline	10.48	127	17011	1.616	ng/ul# 5
34) 2-Methylnaphthalene	12.10	142	68656	3.381	ng/ul 99
35) 1-Methylnaphthalene	12.32	142	40426	2.037	ng/ul 95
45) Dimethylphthalate	13.75	163	39976	1.537	ng/ul 97
48) Acenaphthylene	14.01	152	834143	26.030	ng/ul 99
50) Acenaphthene	14.35	153	43363	1.964	ng/ul 99
54) Dibenzofuran	14.69	168	200380	6.548	ng/ul 99
59) Fluorene	15.34	166	43642	1.693	ng/ul# 98
70) Phenanthrene	17.08	178	662041	16.874	ng/ul 99
72) Anthracene	17.17	178	1084305	26.887	ng/ul 99
75) Carbazole	17.43	167	247789	6.951	ng/ul 99
77) Fluoranthene	19.11	202	6142485	132.592	ng/ul 99
80) Pyrene	19.47	202	7037608	142.401	ng/ul 97
83) Benzo(a)anthracene	21.27	228	4844053	103.461	ng/ul 93
85) Chrysene	21.27	228	4842737	106.065	ng/ul 97
88) Benzo(b)fluoranthene	22.81	252	9012418	193.280	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	2732884	61.078	ng/ul 96
91) Benzo(a)pyrene	23.36	252	2728766	64.854	ng/ul 98
93) Dibenz(a,h)anthracene	25.68	278	799392	18.108	ng/ul# 85
94) Benzo(a,h,i)perylene	26.34	276	850509	19.705	ng/ul 99

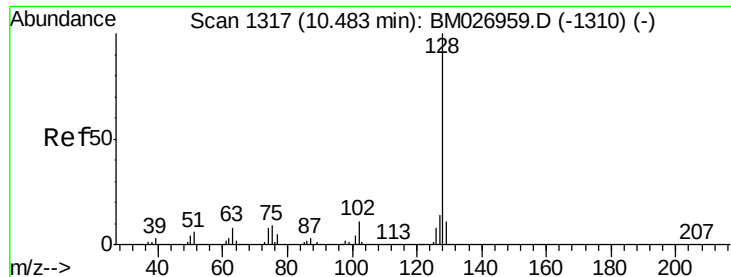
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026967.D
Acq On : 31 Jul 2020 20:31
Operator : JU/CG
Sample : L3424-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 00:48:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

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

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



#28

Naphthalene

Concen: 4.474 ng/ul

RT: 10.48 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampleId :

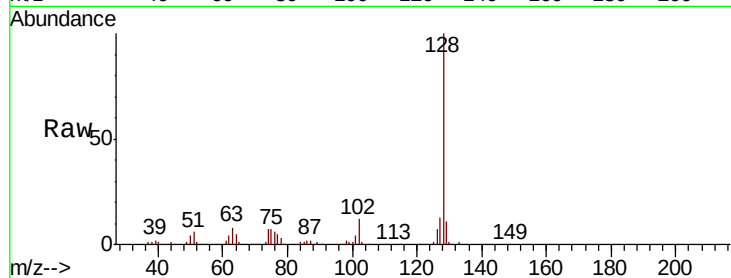
Tot Ion:128 Resp: 128513

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

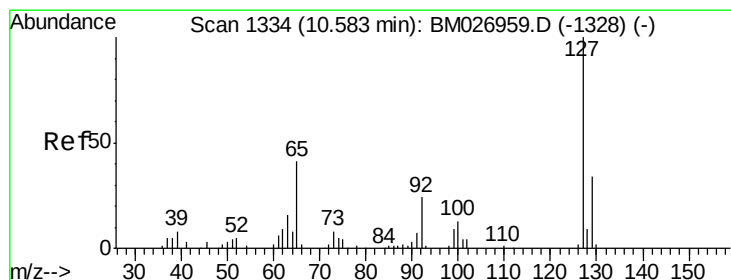
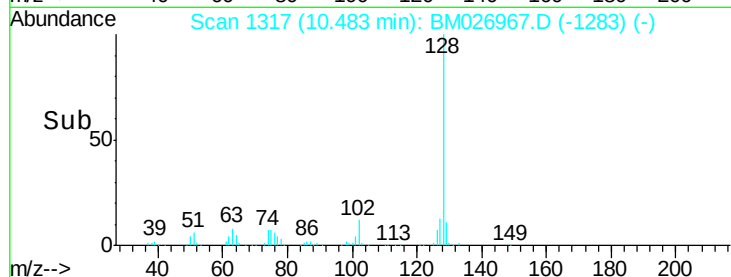
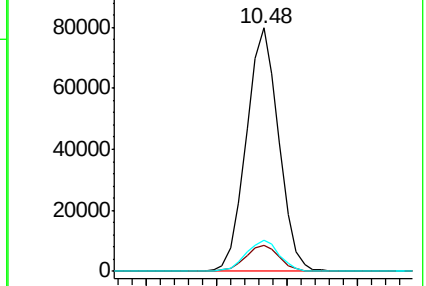
127 13.0 11.0 16.6



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



#30

4-Chloroaniline

Concen: 1.616 ng/ul

RT: 10.48 min Scan# 1317

Delta R.T. -0.11 min

Lab File: BM026967.D

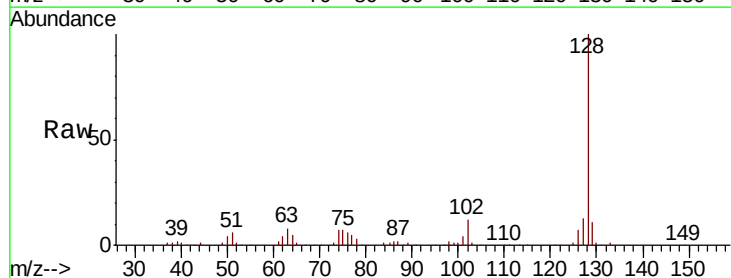
Acq: 31 Jul 2020 20:31

Tgt Ion:127 Resp: 17011

Ion Ratio Lower Upper

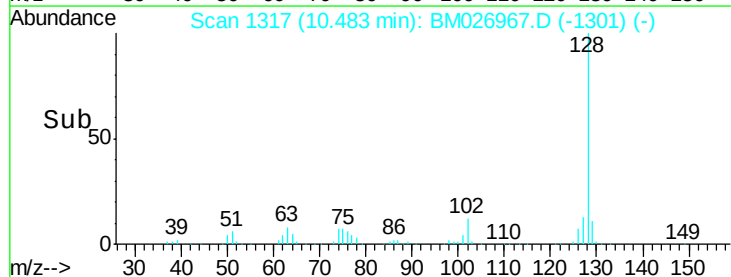
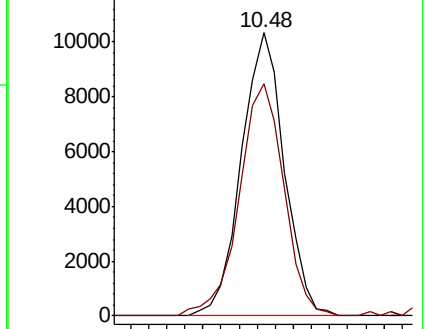
127 100

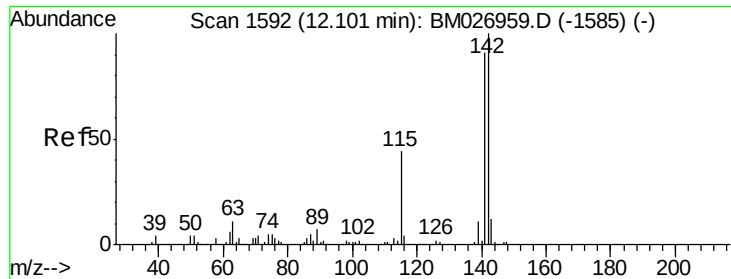
129 82.0 24.3 36.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

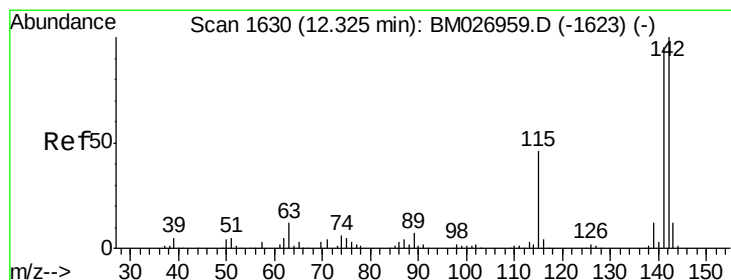
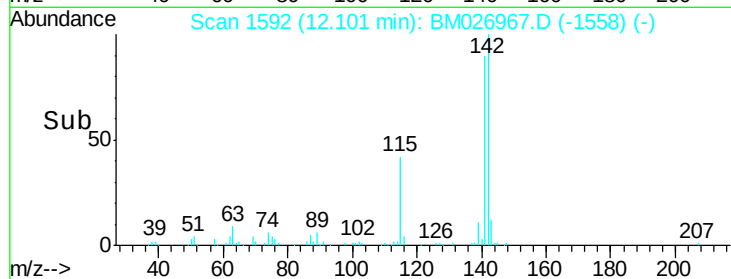
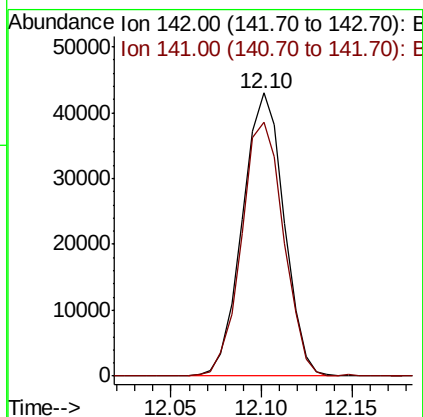
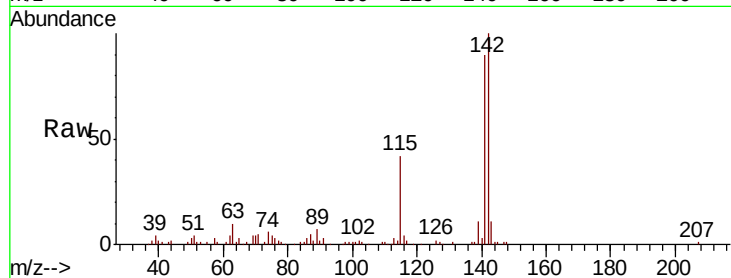




#34
2-Methylnaphthalene
Concen: 3.381 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

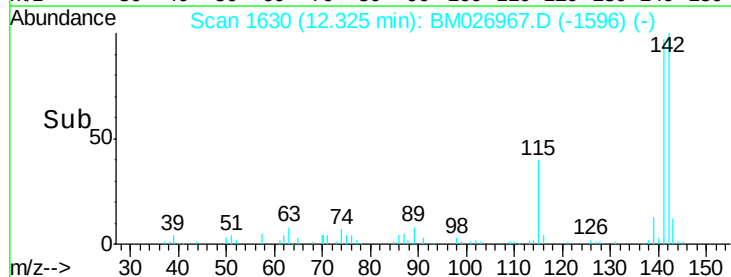
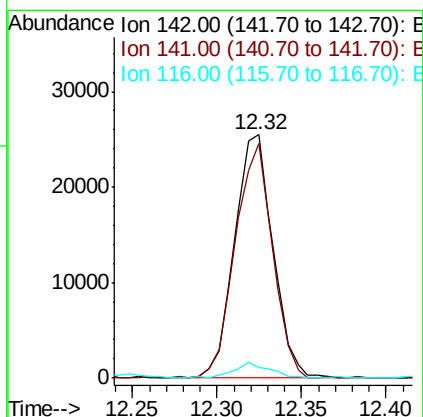
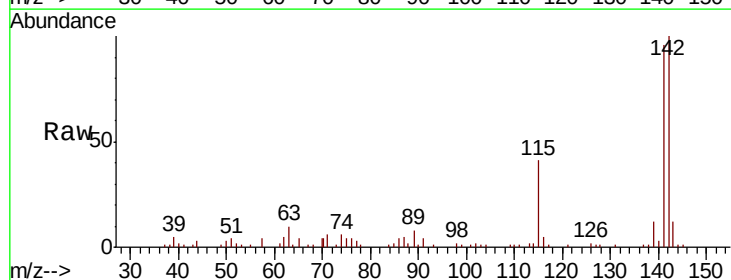
Instrument :
BNA_M
ClientSampled :

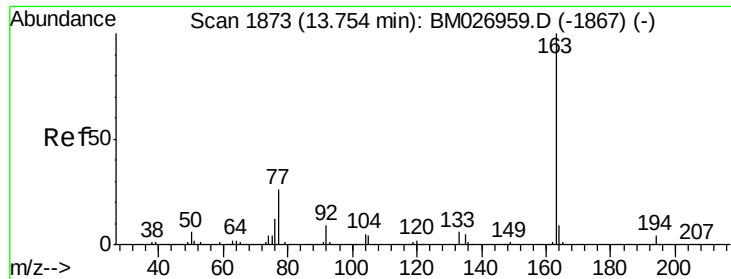
Tot Ion:142 Resp: 68656
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#35
1-Methylnaphthalene
Concen: 2.037 ng/ul
RT: 12.32 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion:142 Resp: 40426
Ion Ratio Lower Upper
142 100
141 96.4 73.3 109.9
116 4.6 3.4 5.0





#45

Dimethylphthalate

Concen: 1.537 ng/ul

RT: 13.75 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampleId :

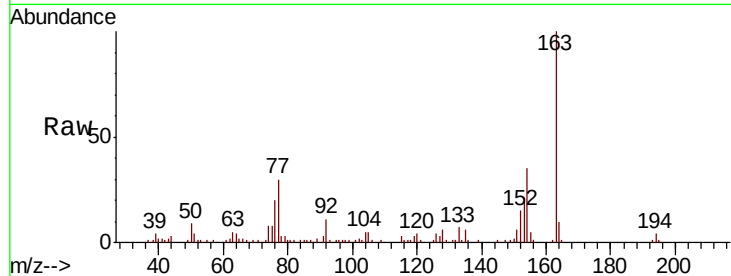
Tot Ion:163 Resp: 39976

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

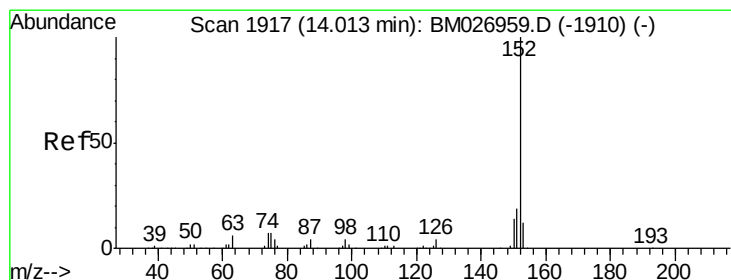
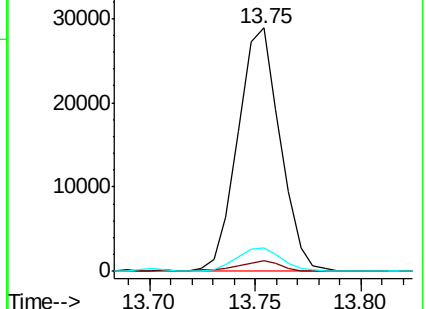
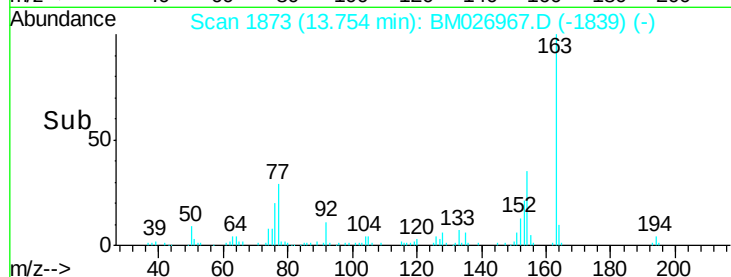
164 9.6 8.6 12.8



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



#48

Acenaphthylene

Concen: 26.030 ng/ul

RT: 14.01 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

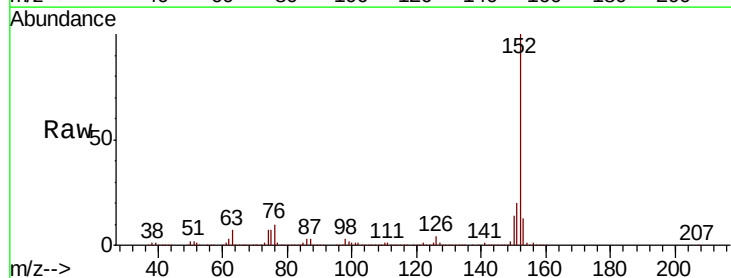
Tgt Ion:152 Resp: 834143

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

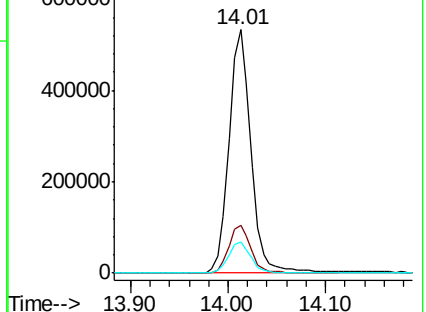
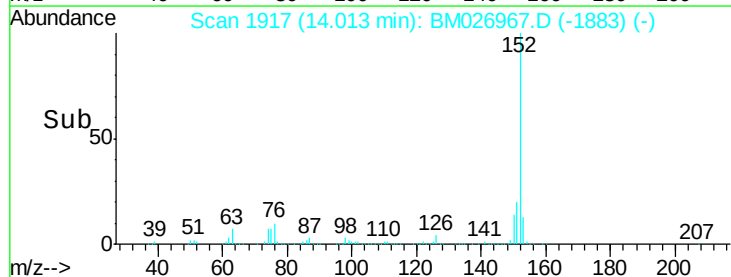
153 12.7 10.7 16.1

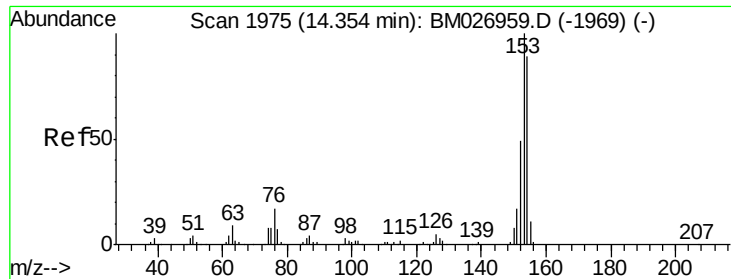


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 1.964 ng/ul

RT: 14.35 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampleId :

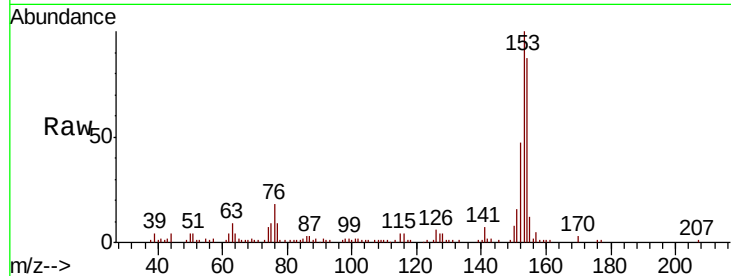
Tot Ion:153 Resp: 43363

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.6

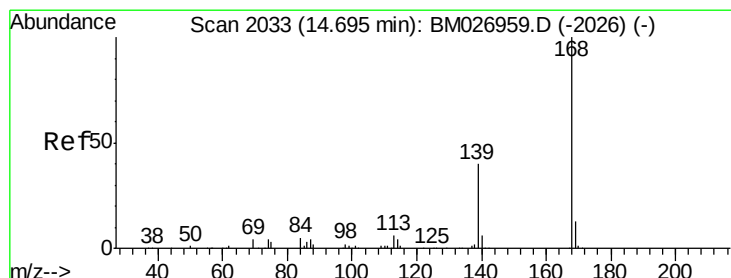
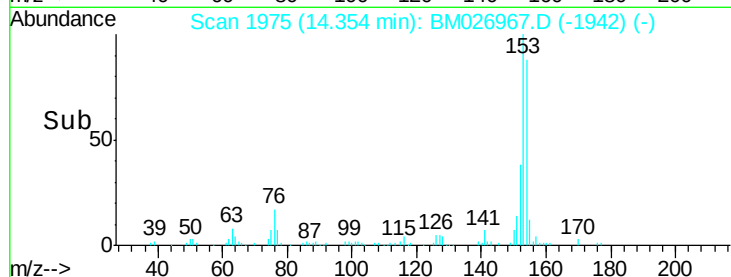
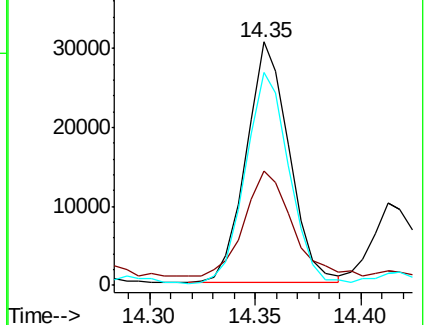
154 87.3 70.5 105.7



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: 6.548 ng/ul

RT: 14.69 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BM026967.D

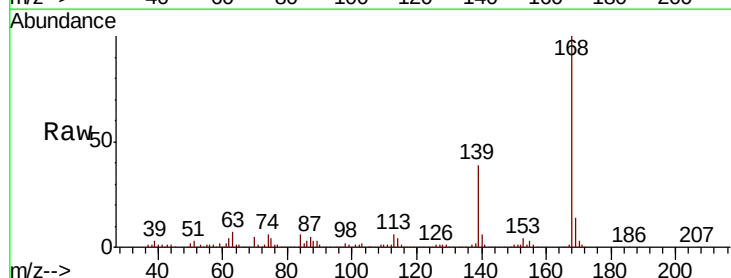
Acq: 31 Jul 2020 20:31

Tgt Ion:168 Resp: 200380

Ion Ratio Lower Upper

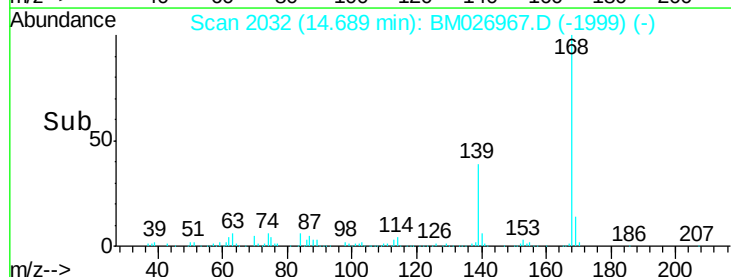
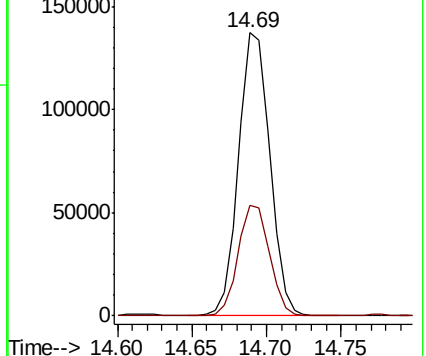
168 100

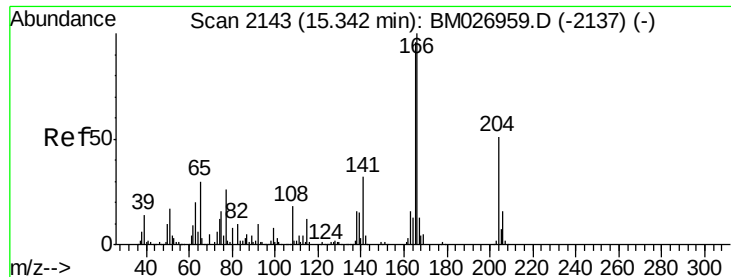
139 39.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

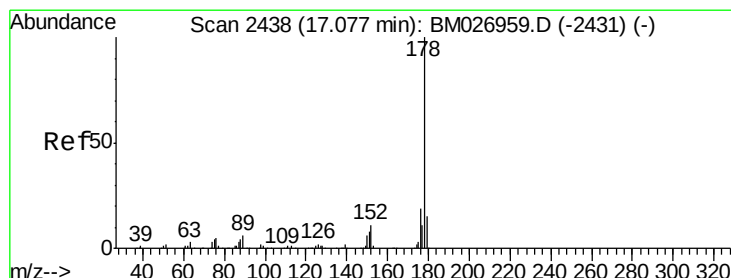
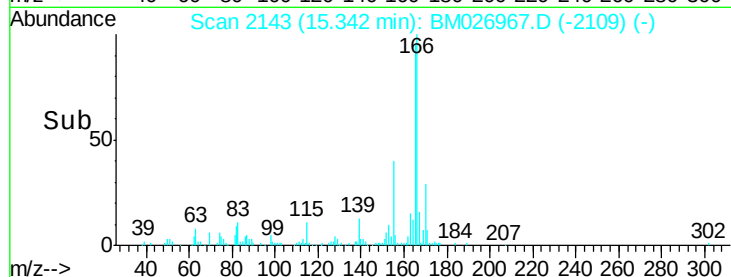
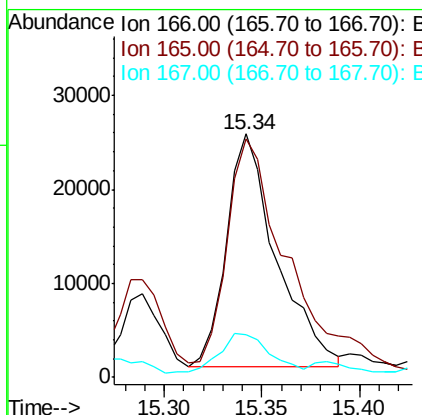
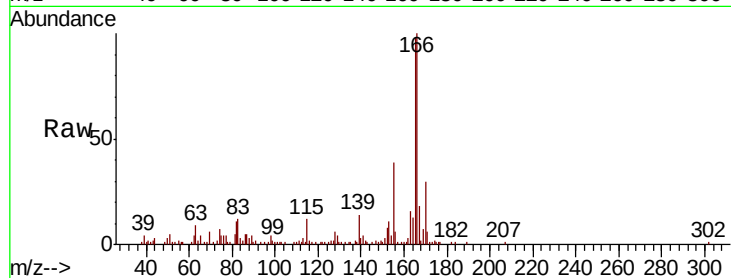




#59
 Fluorene
 Concen: 1.693 ng/ul
 RT: 15.34 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

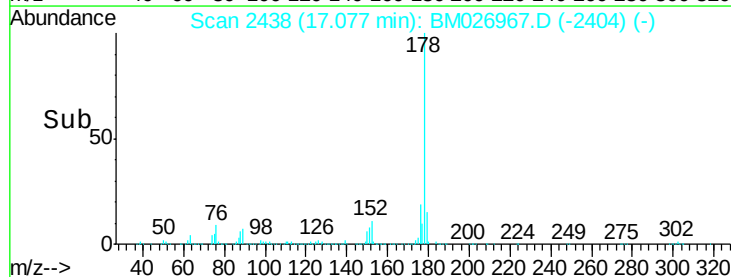
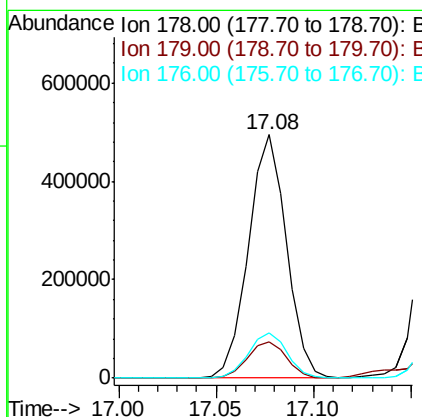
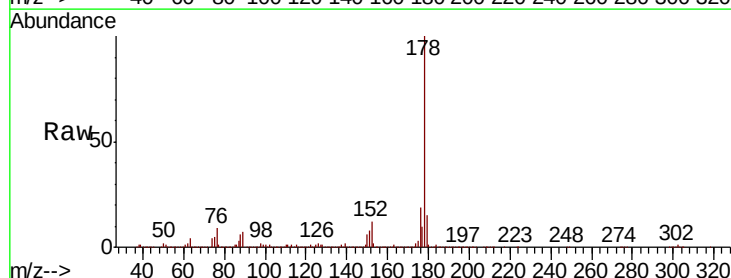
Instrument :
 BNA_M
 ClientSampleId :

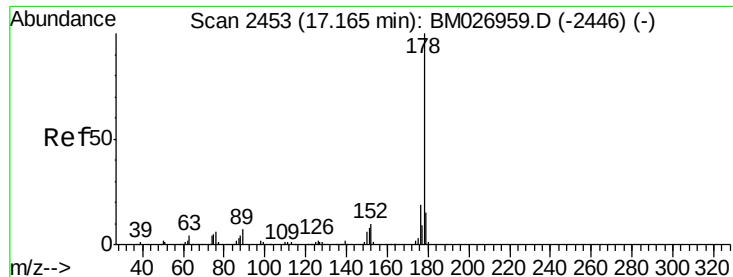
Tot Ion:166 Resp: 43642
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.2 117.2
 167 17.5 10.3 15.5#



#70
 Phenanthrene
 Concen: 16.874 ng/ul
 RT: 17.08 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

Tgt Ion:178 Resp: 662041
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.0 18.0
 176 18.7 14.7 22.1





#72

Anthracene

Concen: 26.887 ng/ul

RT: 17.17 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

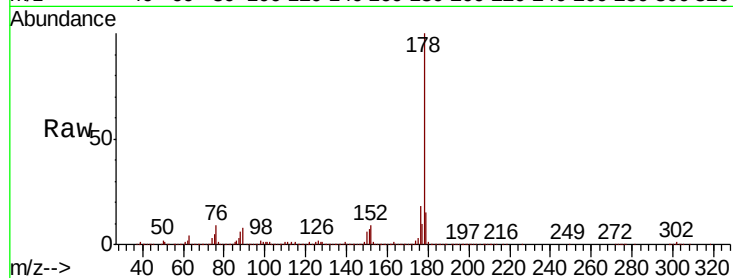
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1084305

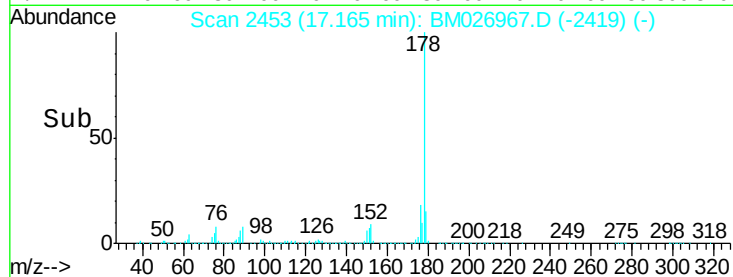
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	18.1	15.0	22.6



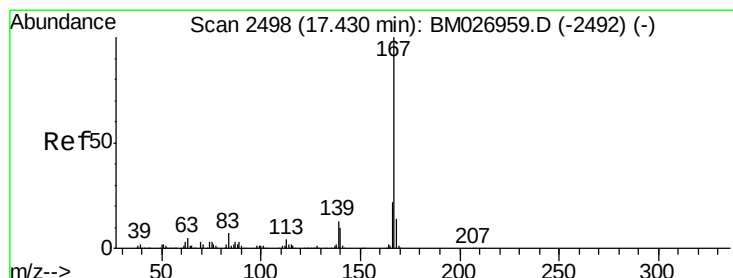
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 6.951 ng/ul

RT: 17.43 min Scan# 2498

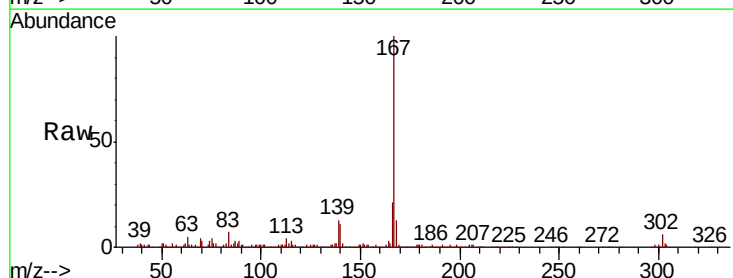
Delta R.T. -0.01 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Tgt Ion:167 Resp: 247789

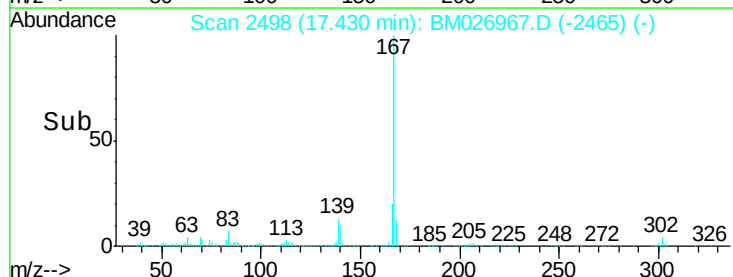
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.3	10.1	15.1



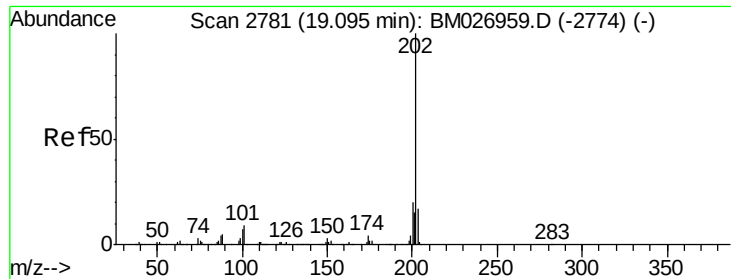
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



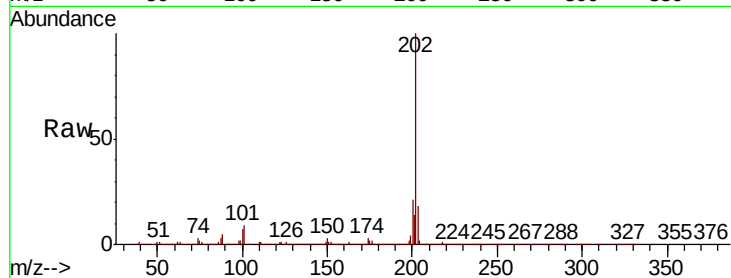
Time-->



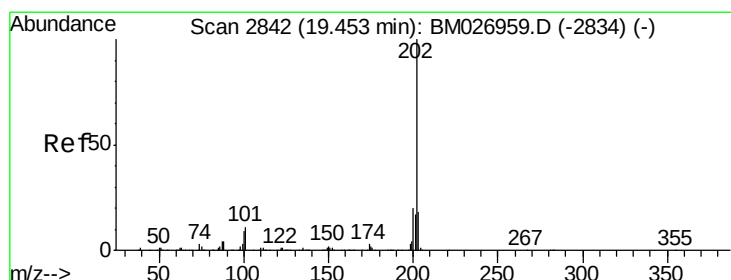
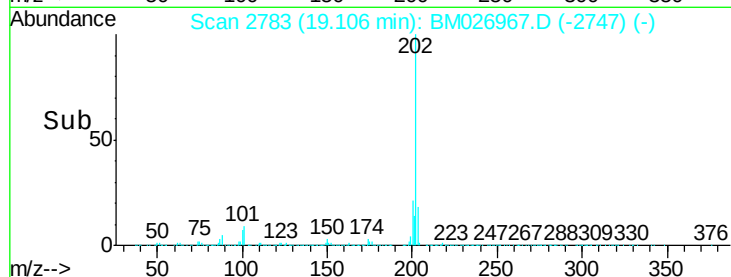
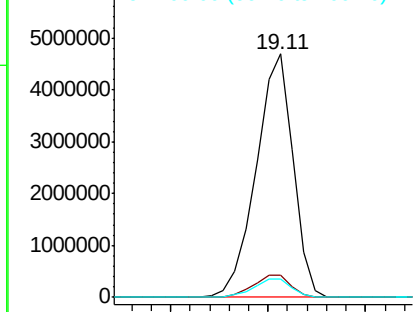
#77
Fluoranthene
 Concen: 132.592 ng/ul
 RT: 19.11 min Scan# 2783
 Delta R.T. 0.01 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 6142485
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.7 11.5
 100 7.4 6.2 9.4

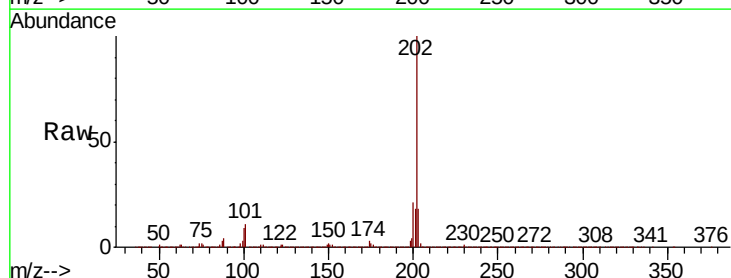


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

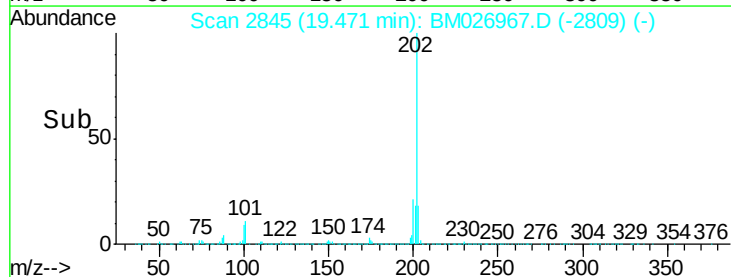
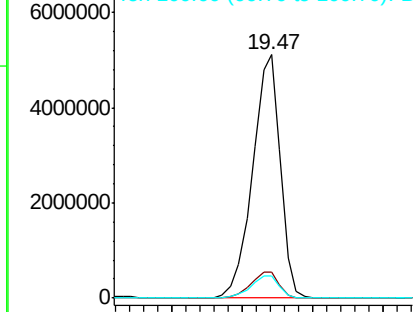


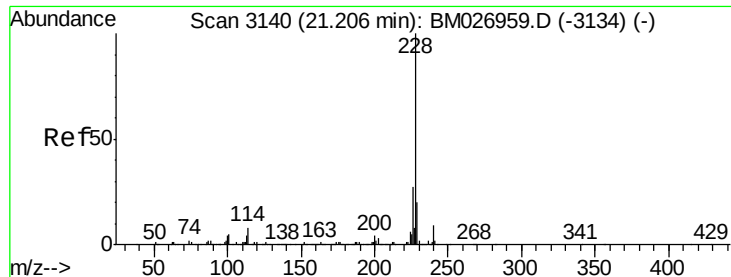
#80
Pyrene
 Concen: 142.401 ng/ul
 RT: 19.47 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BM026967.D
 Acq: 31 Jul 2020 20:31

Tgt Ion:202 Resp: 7037608
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.4 14.2
 100 9.1 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

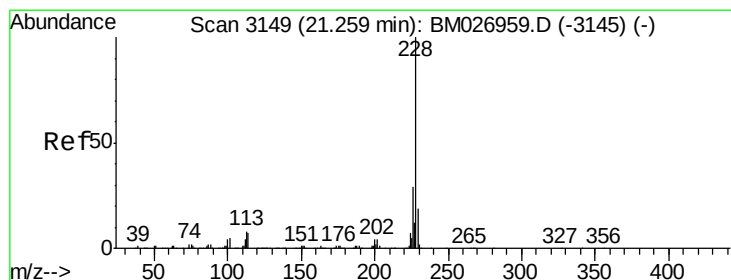
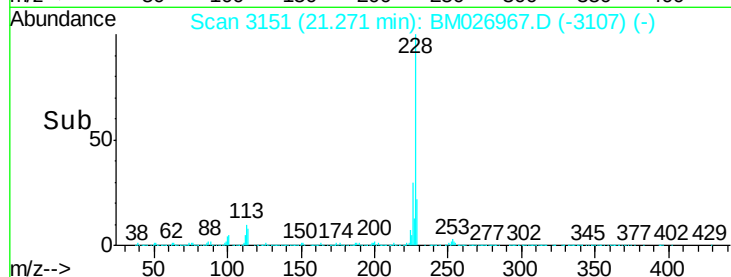
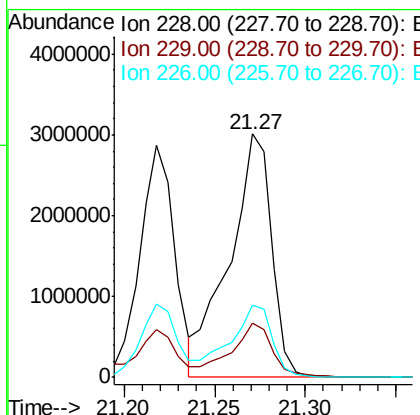
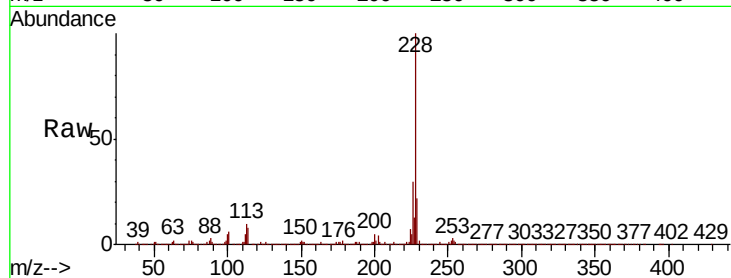




#83
Benzo(a)anthracene
Concen: 103.461 ng/ul
RT: 21.27 min Scan# 3151
Delta R.T. 0.06 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

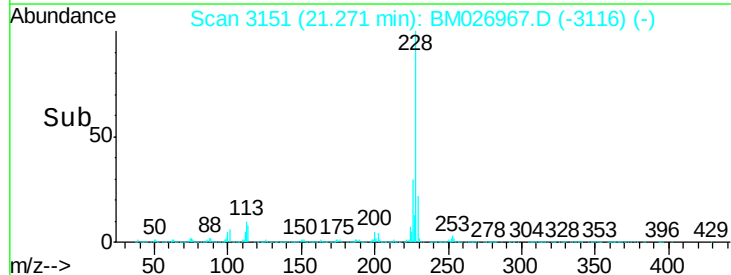
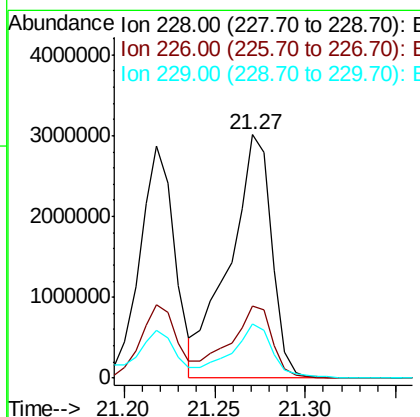
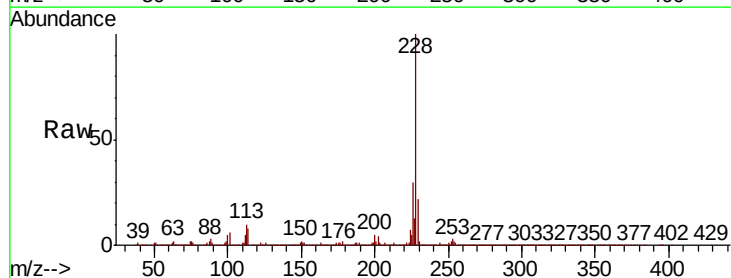
Instrument :
BNA_M
ClientSampleId :

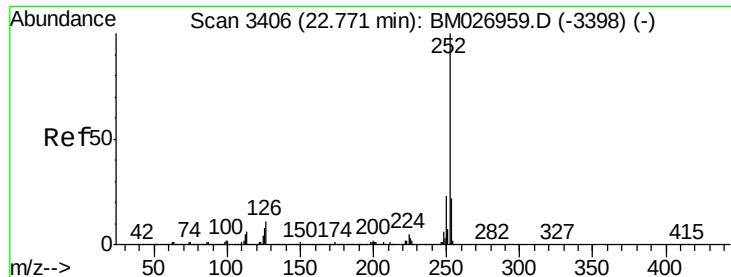
Tot Ion:228 Resp: 4844053
Ion Ratio Lower Upper
228 100
229 22.1 15.4 23.2
226 29.8 20.9 31.3



#85
Chrysene
Concen: 106.065 ng/ul
RT: 21.27 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion:228 Resp: 4842737
Ion Ratio Lower Upper
228 100
226 29.8 23.2 34.8
229 22.1 15.5 23.3

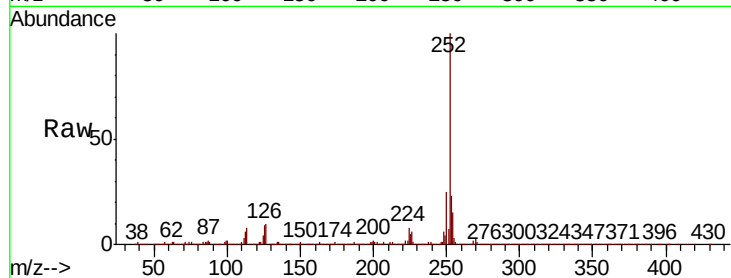




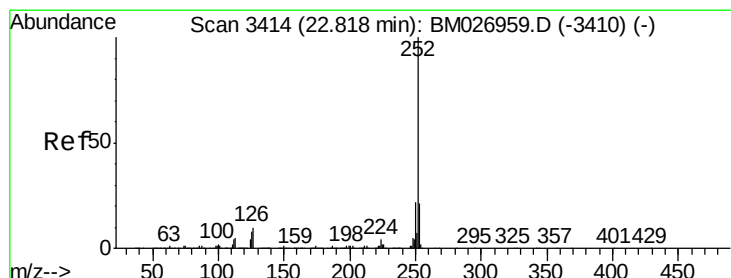
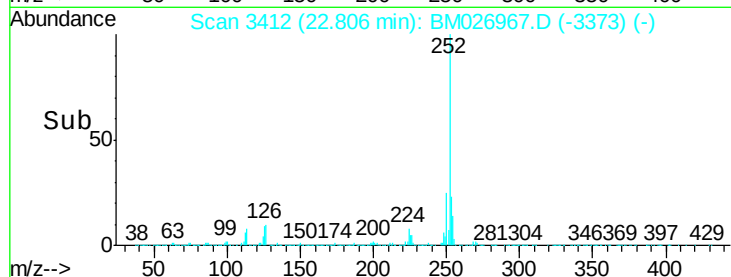
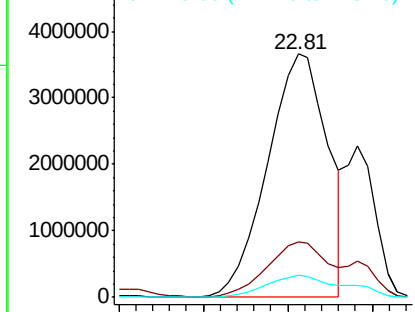
#88
Benzo(b)fluoranthene
Concen: 193.280 ng/ul
RT: 22.81 min Scan# 3412
Delta R.T. 0.03 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 9012418
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.0 6.6 10.0

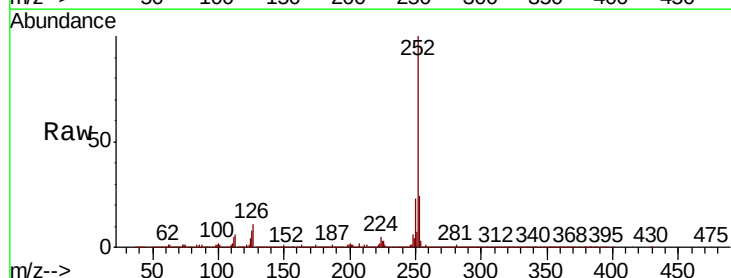


Abundance Ion 252.00 (251.70 to 252.70): E
5000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

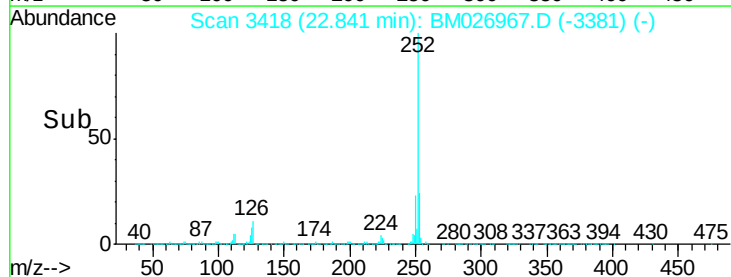
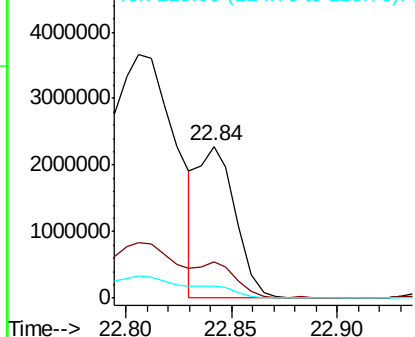


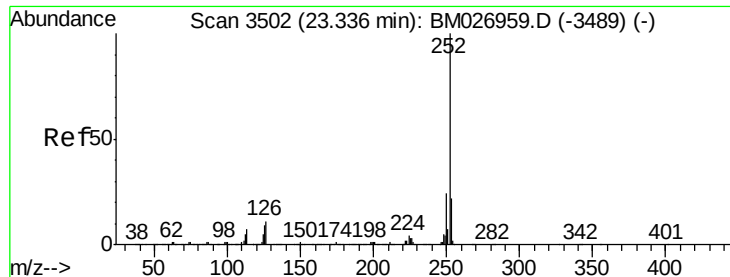
#89
Benzo(k)fluoranthene
Concen: 61.078 ng/ul
RT: 22.84 min Scan# 3418
Delta R.T. 0.02 min
Lab File: BM026967.D
Acq: 31 Jul 2020 20:31

Tgt Ion:252 Resp: 2732884
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 8.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
5000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 64.854 ng/ul

RT: 23.36 min Scan# 3506

Delta R.T. 0.02 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampled :

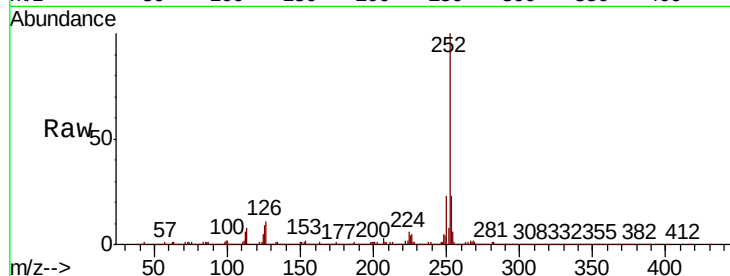
Tot Ion:252 Resp: 2728766

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

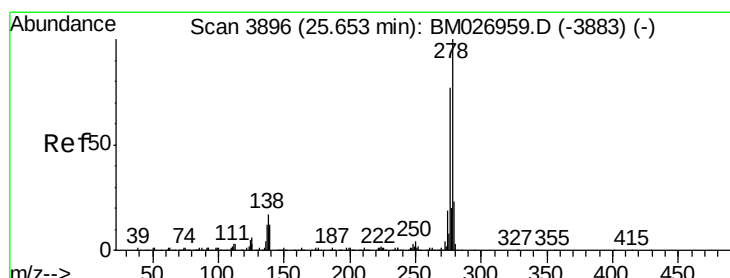
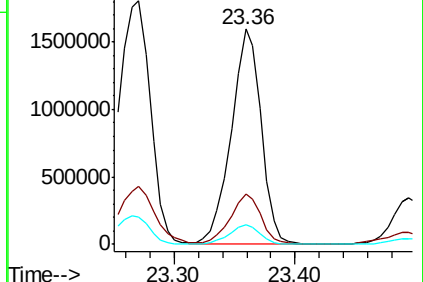
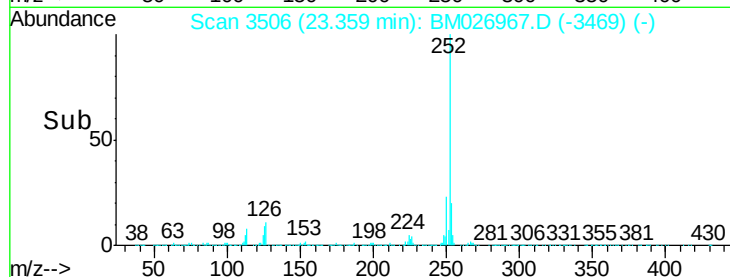
125 9.3 8.2 12.2



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



#93

Dibenzo(a,h)anthracene

Concen: 18.108 ng/ul

RT: 25.68 min Scan# 3901

Delta R.T. 0.02 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

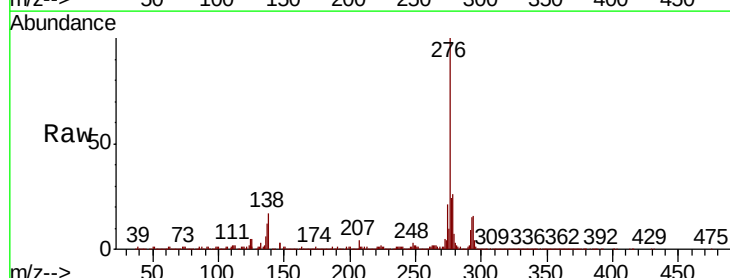
Tgt Ion:278 Resp: 799392

Ion Ratio Lower Upper

278 100

139 0.0 10.9 16.3#

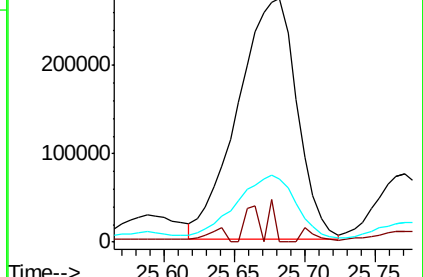
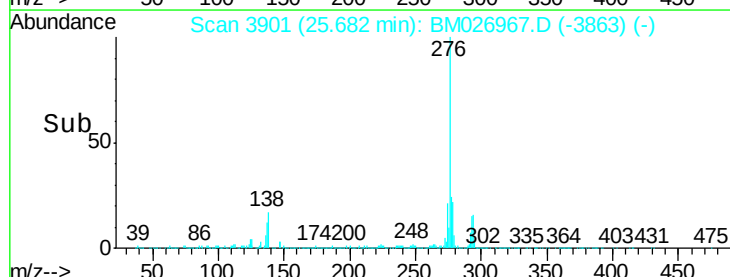
279 26.2 19.4 29.2

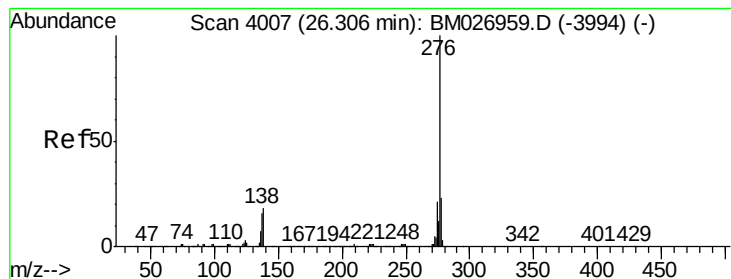


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 19.705 ng/ul

RT: 26.34 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM026967.D

Acq: 31 Jul 2020 20:31

Instrument :

BNA_M

ClientSampleId :

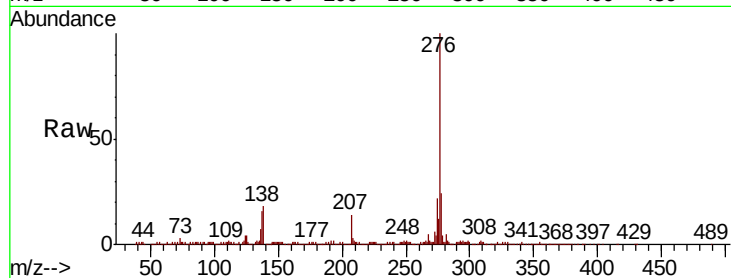
Tot Ion: 276 Resp: 850509

Ion Ratio Lower Upper

276 100

138 17.9 14.9 22.3

277 24.3 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

