

Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDT8DL

Quant Time: Mar 04 01:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	53222	20.00	ng/ul	0.01
18) Naphthalene-d8	10.12	136	177746	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.00	164	141722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	328813	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	366884	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	432559	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	1865	0.41	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.75	67	2722	0.87	ng/ul	0.03
9) 2-Chlorophenol-d4	6.94	132	2830	0.83	ng/ul	0.04
13) 4-Methylphenol-d8	8.14	113	1139	0.32	ng/ul	0.06
19) Nitrobenzene-d5	8.56	128	973	0.75	ng/ul	0.05
22) 2-Nitrophenol-d4	9.27	143	423	0.30	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	9.87	165	1034	0.38	ng/ul	0.12
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	16226	1.53	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	16062	1.29	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	14393	1.57	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.86	188	22249	1.48	ng/ul	0.00
79) Pyrene-d10	19.17	212	26782	1.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	35698	1.65	ng/ul	0.00

Target Compounds

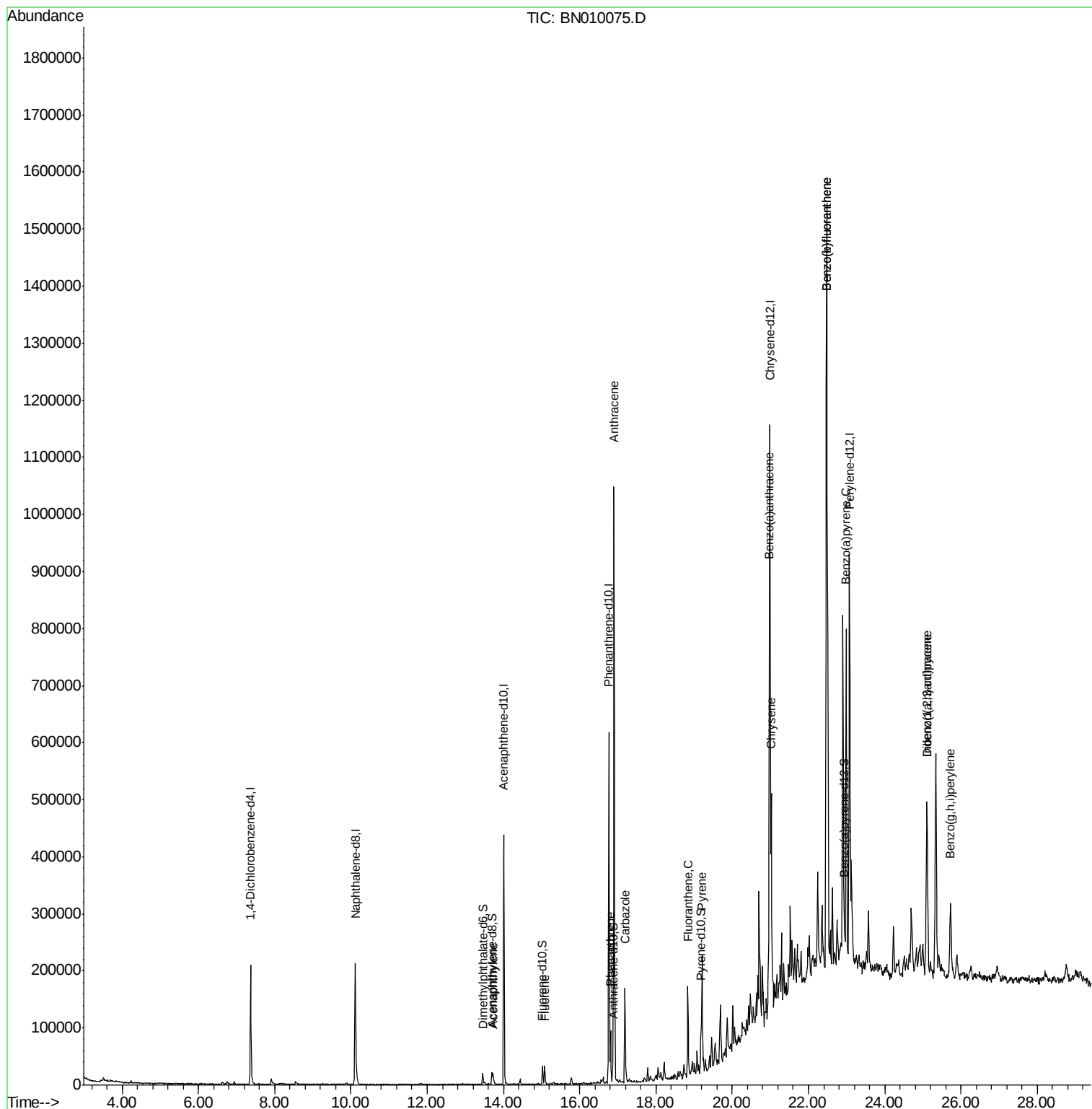
					Qvalue	
48) Acenaphthylene	13.73	152	17113	1.268	ng/ul	96
59) Fluorene	15.08	166	16329	1.499	ng/ul	98
70) Phenanthrene	16.81	178	49477	2.637	ng/ul	98
72) Anthracene	16.90	178	615846	32.103	ng/ul	99
75) Carbazole	17.19	167	97853	5.792	ng/ul	97
77) Fluoranthene	18.84	202	81335	3.700	ng/ul	99
80) Pyrene	19.20	202	120388	4.551	ng/ul	95
83) Benzo(a)anthracene	20.97	228	193580	7.678	ng/ul	98
85) Chrysene	21.02	228	152458	6.142	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	896645	31.971	ng/ul	99
89) Benzo(k)fluoranthene	22.47	252	896645	33.765	ng/ul	97
91) Benzo(a)pyrene	22.99	252	317054	12.569	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.11	276	209737	7.003	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.10	278	61685	2.408	ng/ul#	84
94) Benzo(g,h,i)perylene	25.72	276	124907	4.974	ng/ul	99

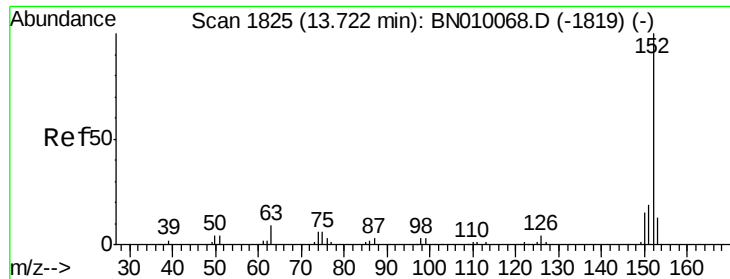
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration





#48

Acenaphthylene

Concen: 1.268 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

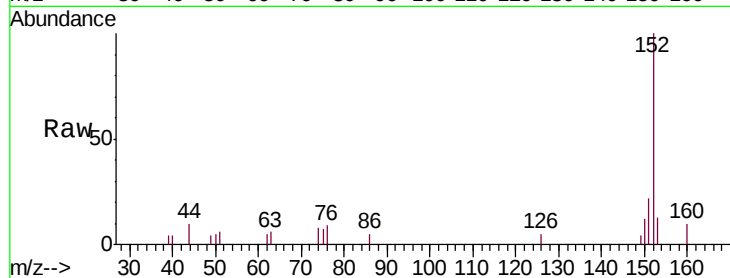
Tgt Ion:152 Resp: 17113

Ion Ratio Lower Upper

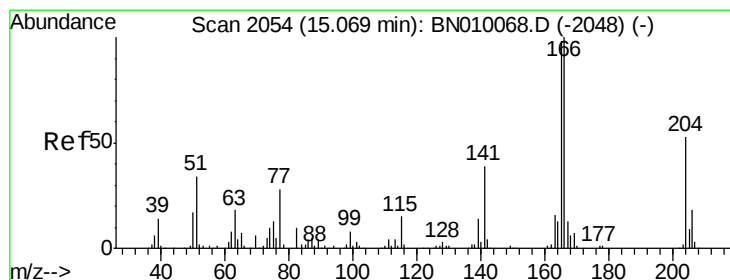
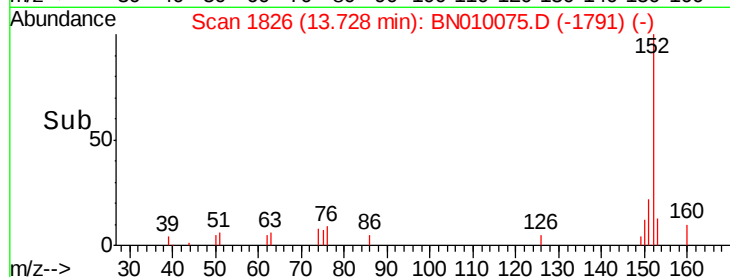
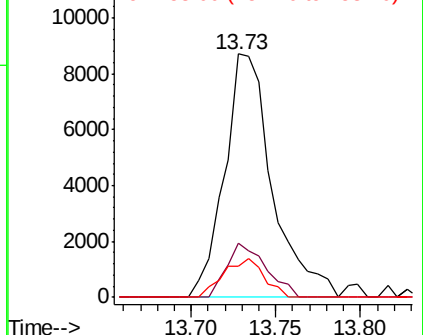
152 100

151 22.4 15.7 23.5

153 12.7 10.3 15.5



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



#59

Fluorene

Concen: 1.499 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

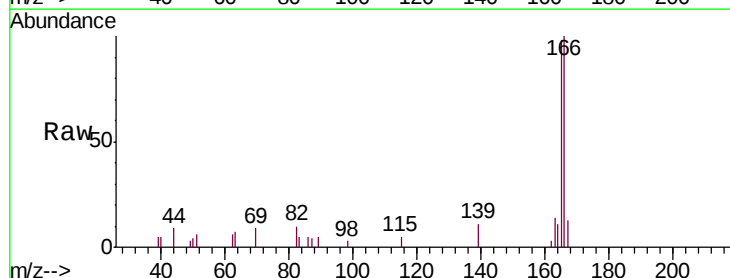
Tgt Ion:166 Resp: 16329

Ion Ratio Lower Upper

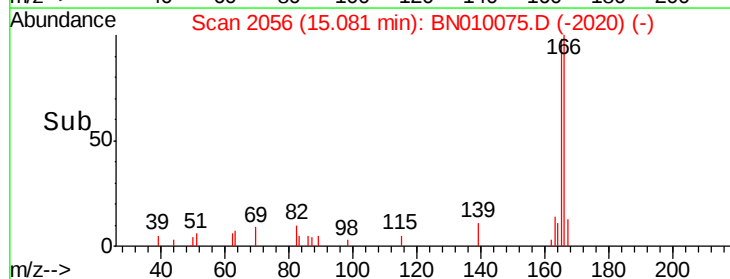
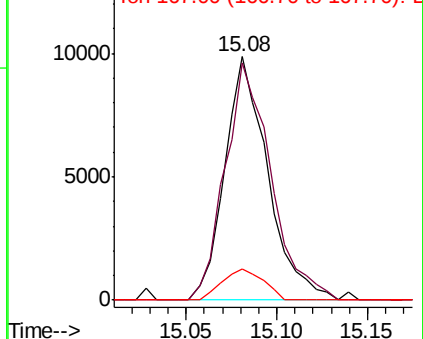
166 100

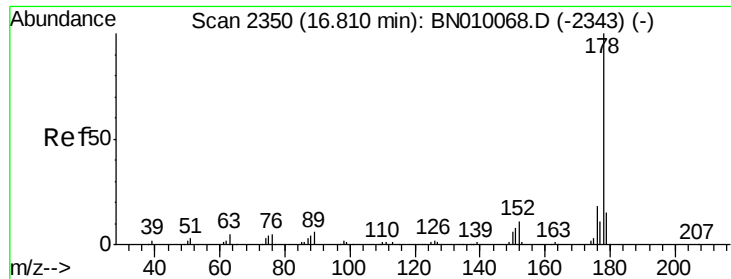
165 97.6 79.8 119.8

167 12.7 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





#70

Phenanthrene

Concen: 2.637 ng/ul

RT: 16.81 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

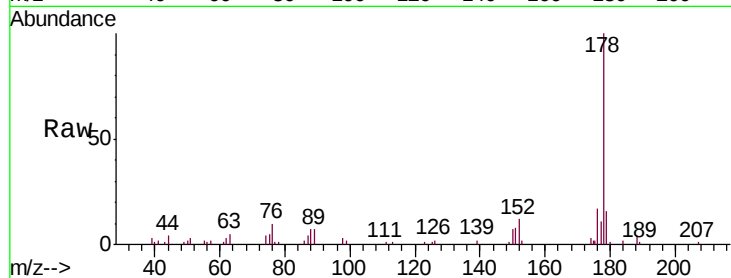
Tgt Ion:178 Resp: 49477

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

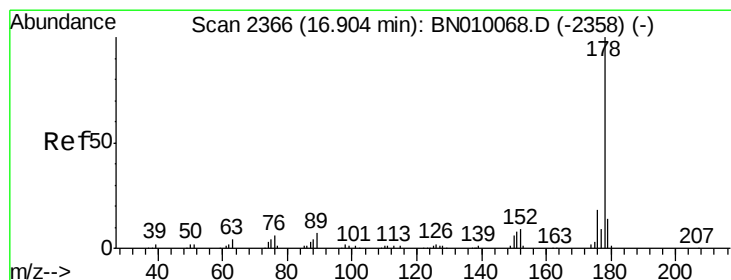
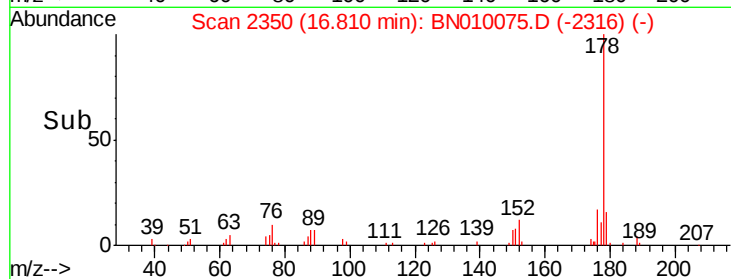
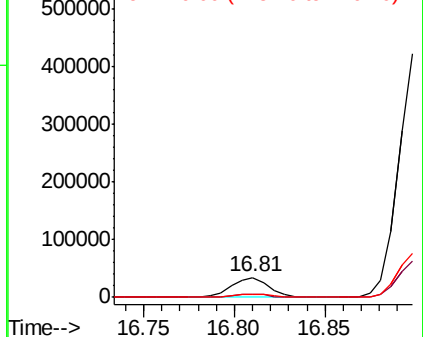
176 16.7 14.6 22.0



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: 32.103 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

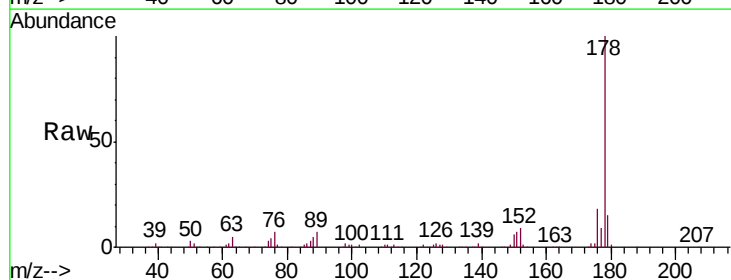
Tgt Ion:178 Resp: 615846

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

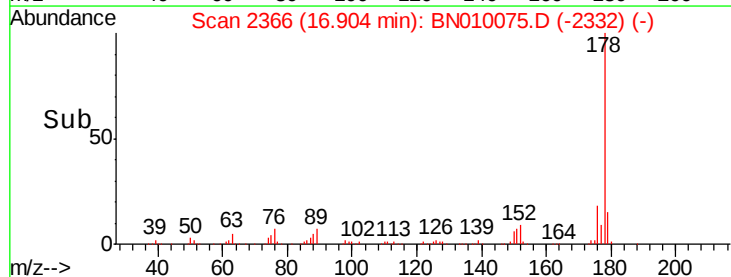
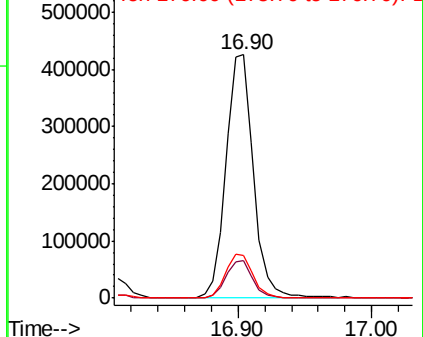
176 17.7 14.6 21.8

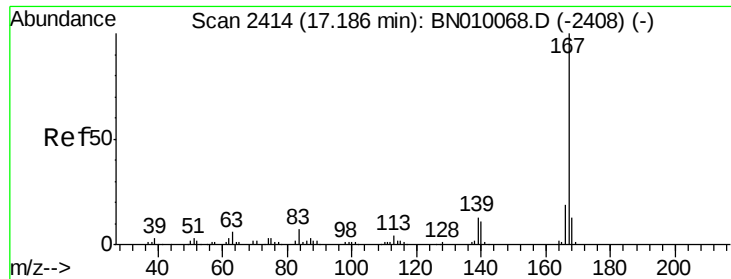


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.792 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

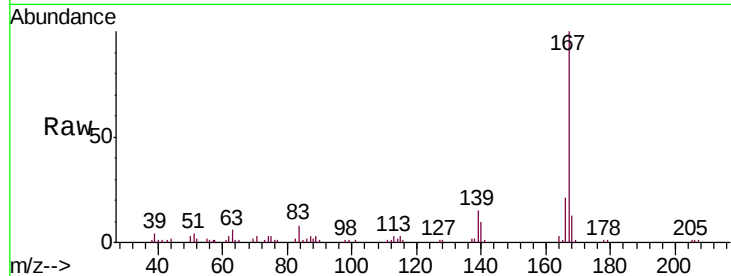
Tgt Ion:167 Resp: 97853

Ion Ratio Lower Upper

167 100

166 21.1 16.6 24.8

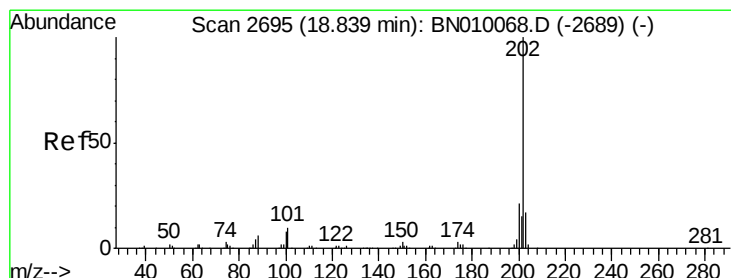
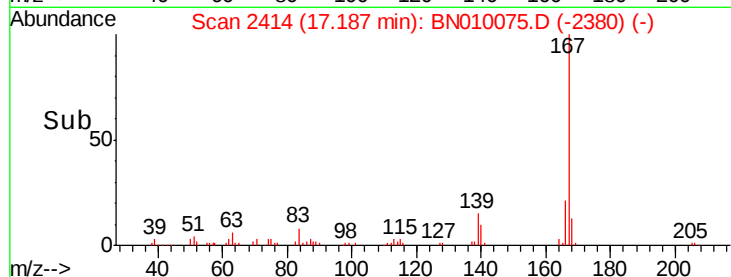
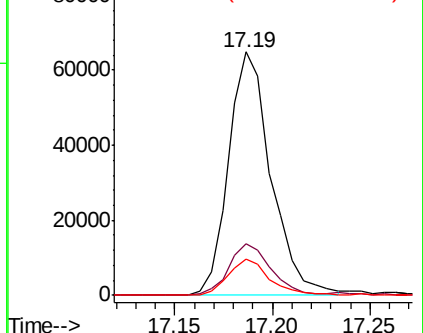
139 14.7 9.9 14.9



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



#77

Fluoranthene

Concen: 3.700 ng/ul

RT: 18.84 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

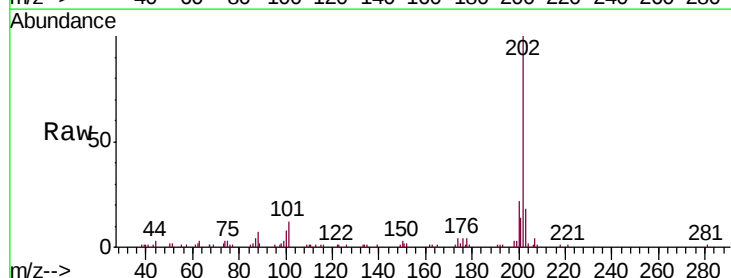
Tgt Ion:202 Resp: 81335

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

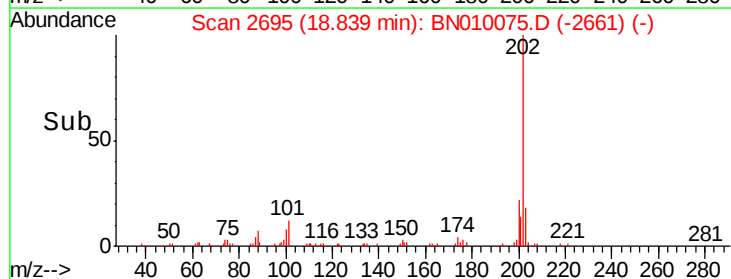
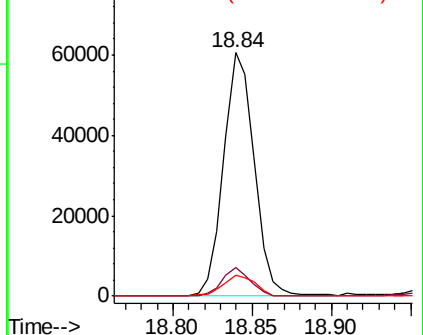
100 8.5 7.2 10.8

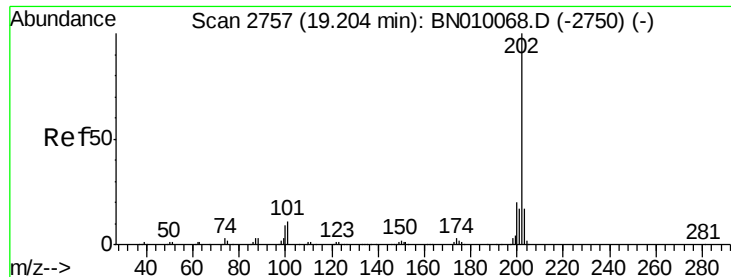


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

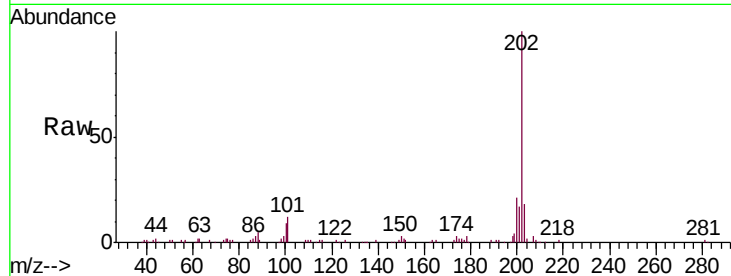




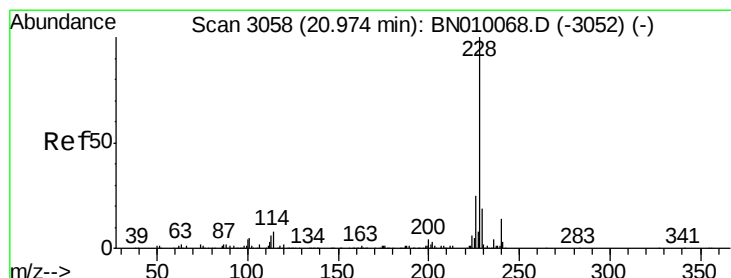
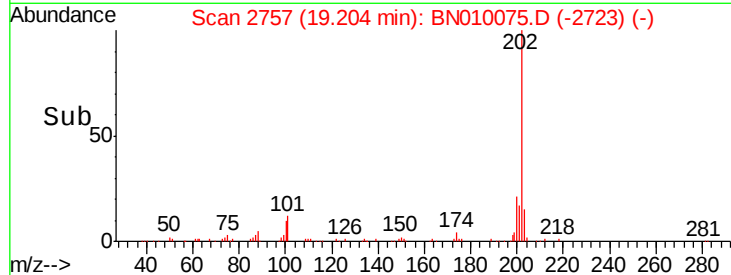
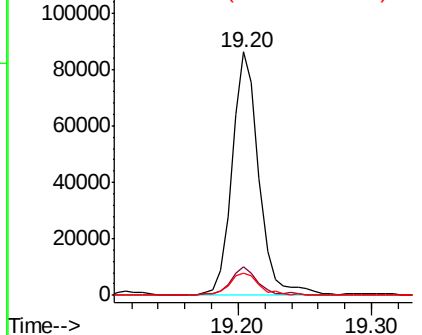
#80
 Pyrene
 Concen: 4.551 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: BN010075.D
 Acq: 03 Mar 2020 23:22

Instrument :
 BNA_N
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.3	16.9
100	9.2	9.0	13.6

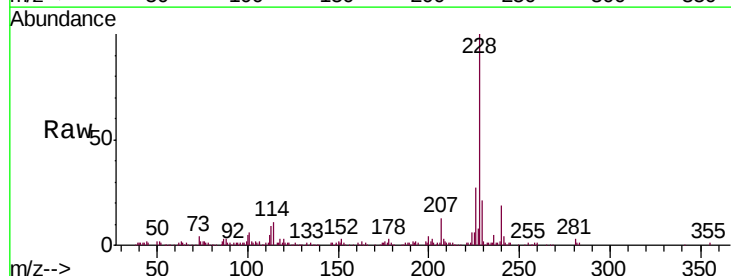


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

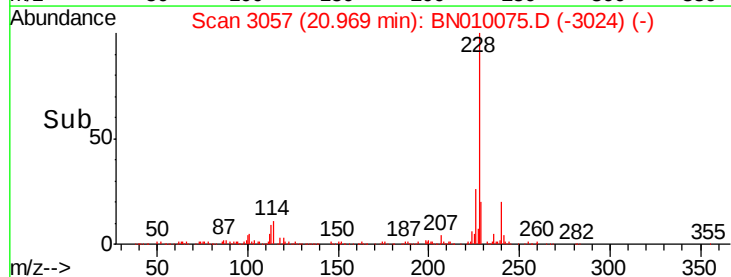
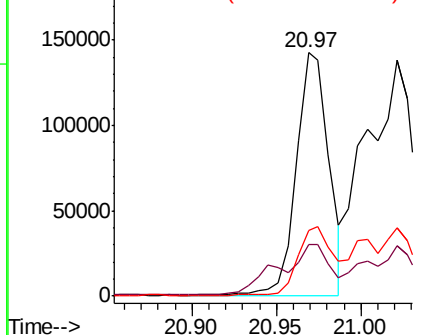


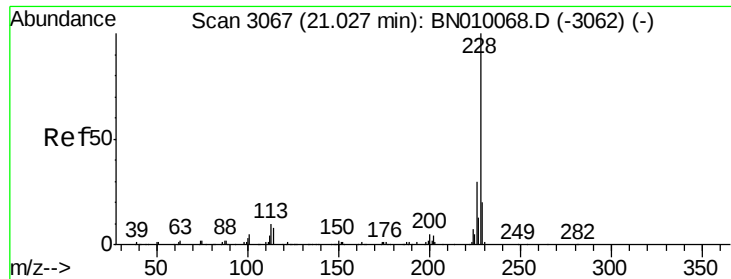
#83
 Benzo(a)anthracene
 Concen: 7.678 ng/ul
 RT: 20.97 min Scan# 3057
 Delta R.T. -0.01 min
 Lab File: BN010075.D
 Acq: 03 Mar 2020 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.0	22.4
226	26.8	21.4	32.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 6.142 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

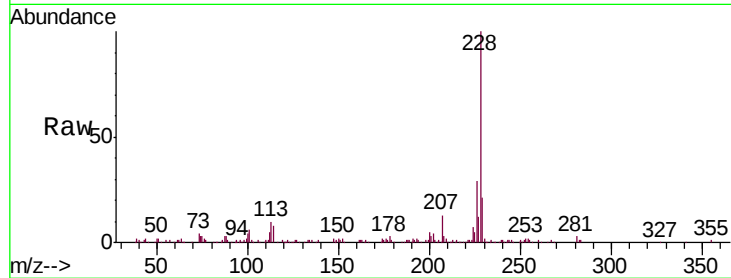
Tgt Ion: 228 Resp: 152458

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

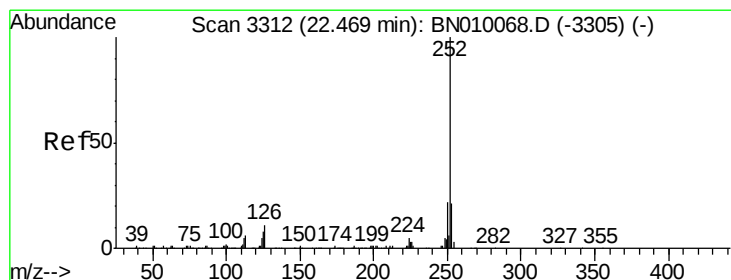
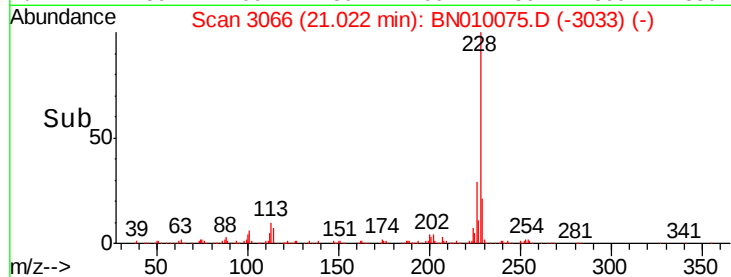
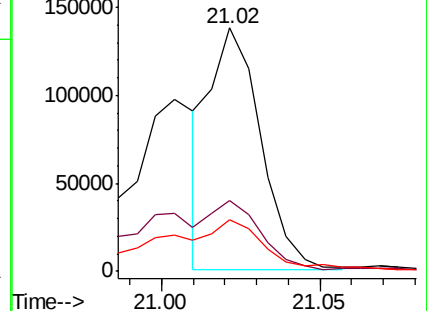
229 21.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 31.971 ng/ul

RT: 22.47 min Scan# 3312

Delta R.T. 0.00 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

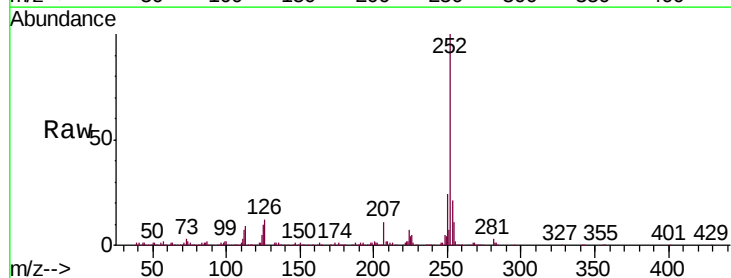
Tgt Ion: 252 Resp: 896645

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.4

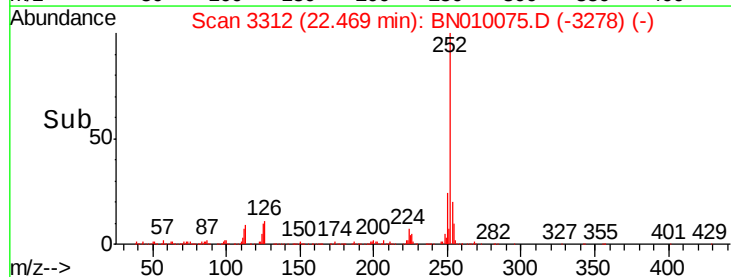
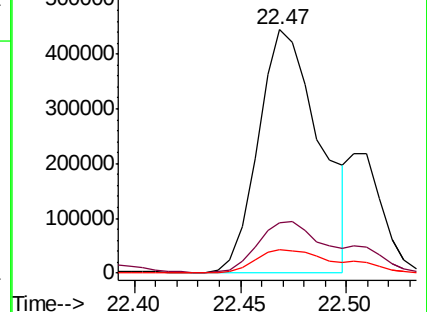
125 9.7 8.0 12.0

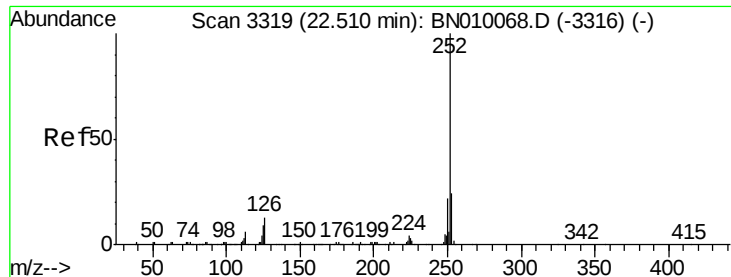


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.765 ng/u1

RT: 22.47 min Scan# 3312

Delta R.T. -0.04 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

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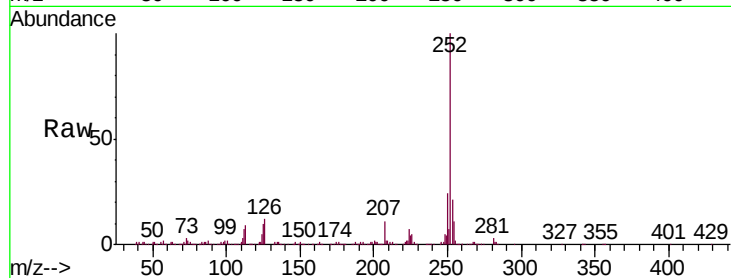
Tgt Ion:252 Resp: 896645

Ion Ratio Lower Upper

252 100

253 20.9 18.0 27.0

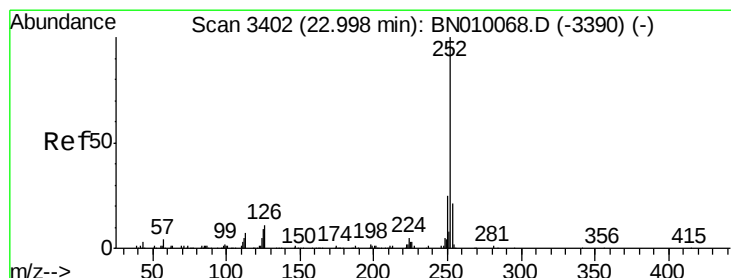
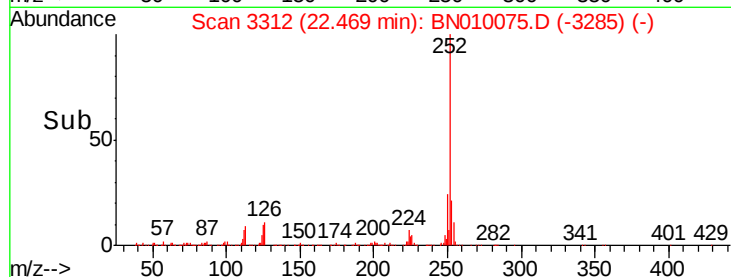
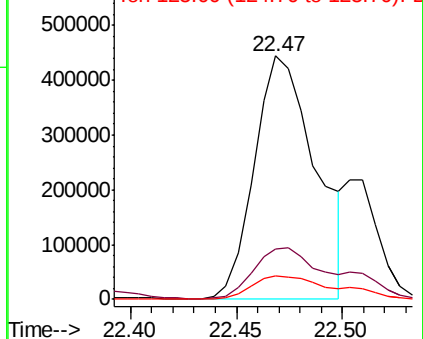
125 9.7 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 12.569 ng/u1

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

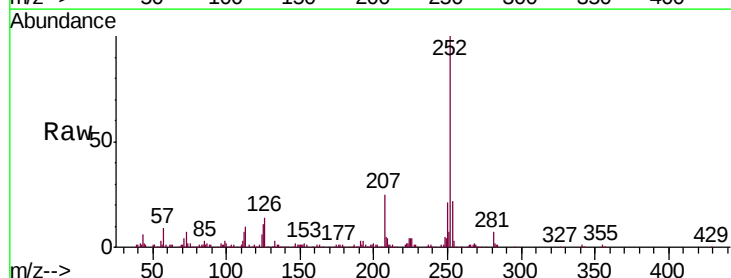
Tgt Ion:252 Resp: 317054

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

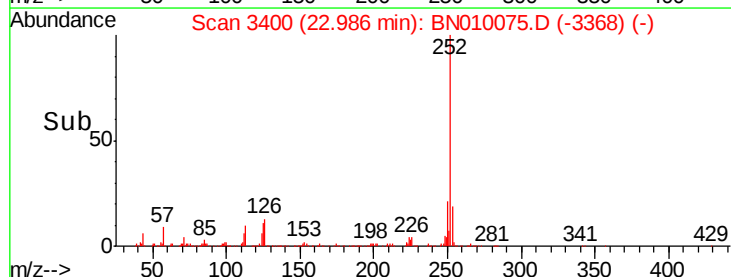
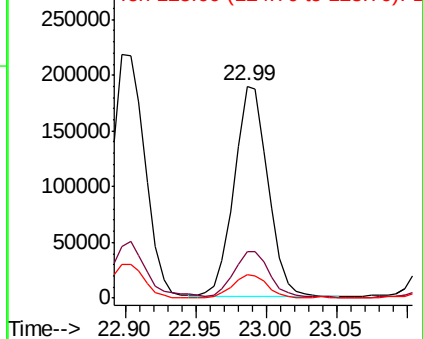
125 11.3 9.0 13.6

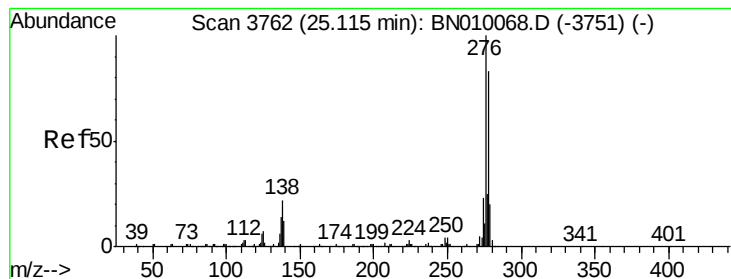


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



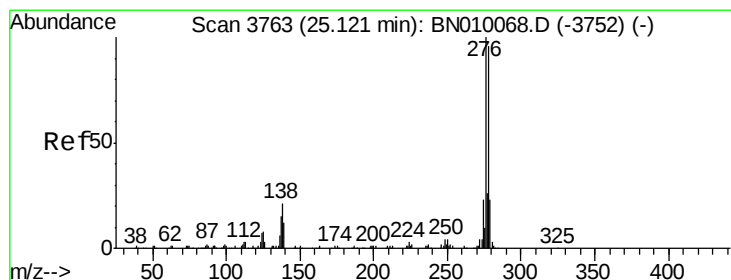
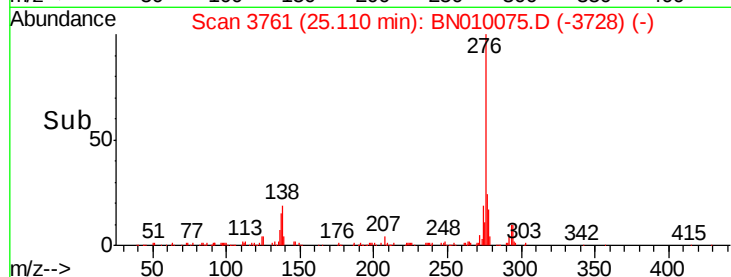
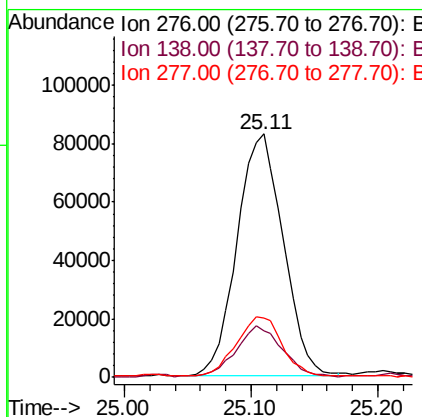
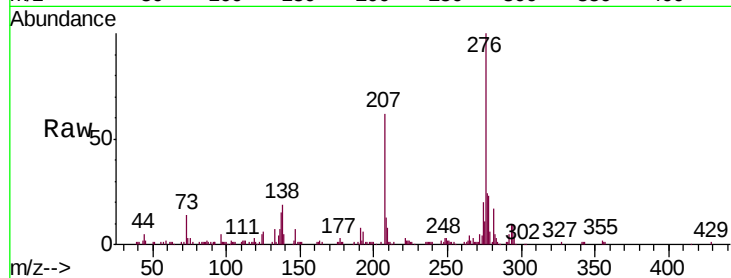


#92

Indeno(1,2,3-cd)pyrene
Concen: 7.003 ng/ul
RT: 25.11 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BN010075.D
Acq: 03 Mar 2020 23:22

Instrument :
BNA_N
ClientSampled :
DBDT8DL

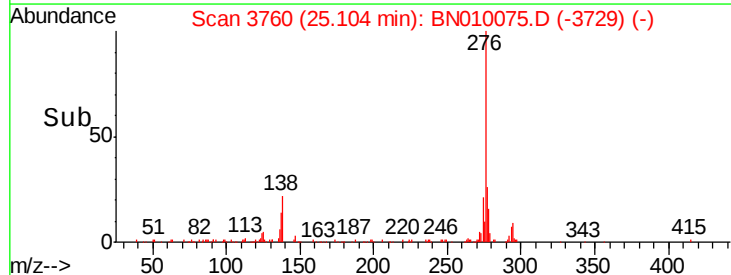
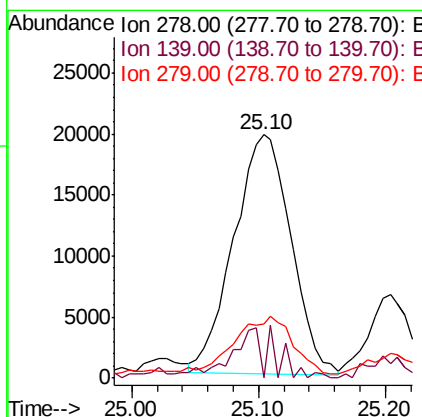
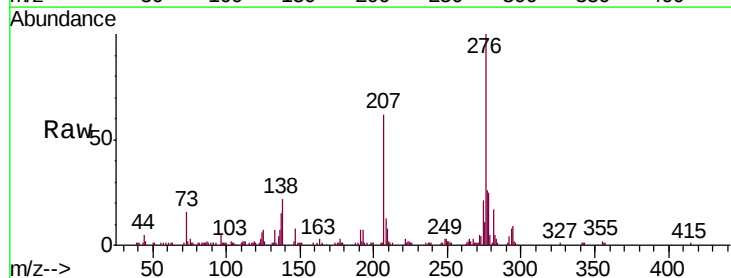
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	20.9	31.3#
277	24.5	18.2	27.4

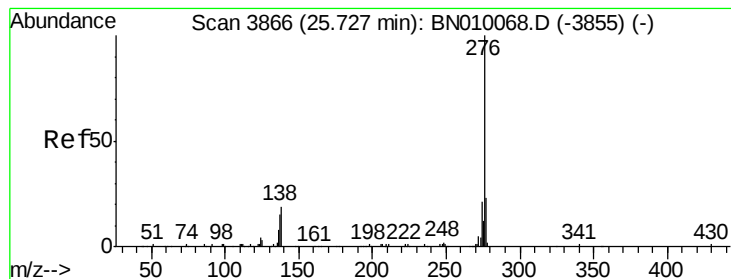


#93

Dibenzo(a,h)anthracene
Concen: 2.408 ng/ul
RT: 25.10 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BN010075.D
Acq: 03 Mar 2020 23:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	22.0	17.5	26.3





#94

Benzo(g,h,i)perylene

Concen: 4.974 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN010075.D

Acq: 03 Mar 2020 23:22

Instrument :

BNA_N

ClientSampleId :

DBDT8DL

Tgt Ion: 276 Resp: 124907

Ion Ratio Lower Upper

276 100

138 21.5 17.5 26.3

277 23.3 18.1 27.1

