

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006486.D
 Acq On : 22 Jun 2019 13:30
 Operator : HP/JU
 Sample : K3362-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4203

Quant Time: Jun 24 04:04:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	321144	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1437902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	828136	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1696977	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1137177	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1154966	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	32156	3.91	ng/uL	0.00
5) Phenol-d5	6.80	99	670688	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	451133	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	536095	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	471255	17.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	272146	23.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	303834	24.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	526924	21.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	539158	19.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1691513	23.30	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2022806	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	221683	17.88	ng/ul	0.00
57) Fluorene-d10	15.28	176	1430567	23.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	171413	15.96	ng/ul	0.00
70) Anthracene-d10	17.13	188	1978948	23.16	ng/ul	0.00
78) Pyrene-d10	19.45	212	1905402	28.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1498739	22.97	ng/ul	0.00

Target Compounds

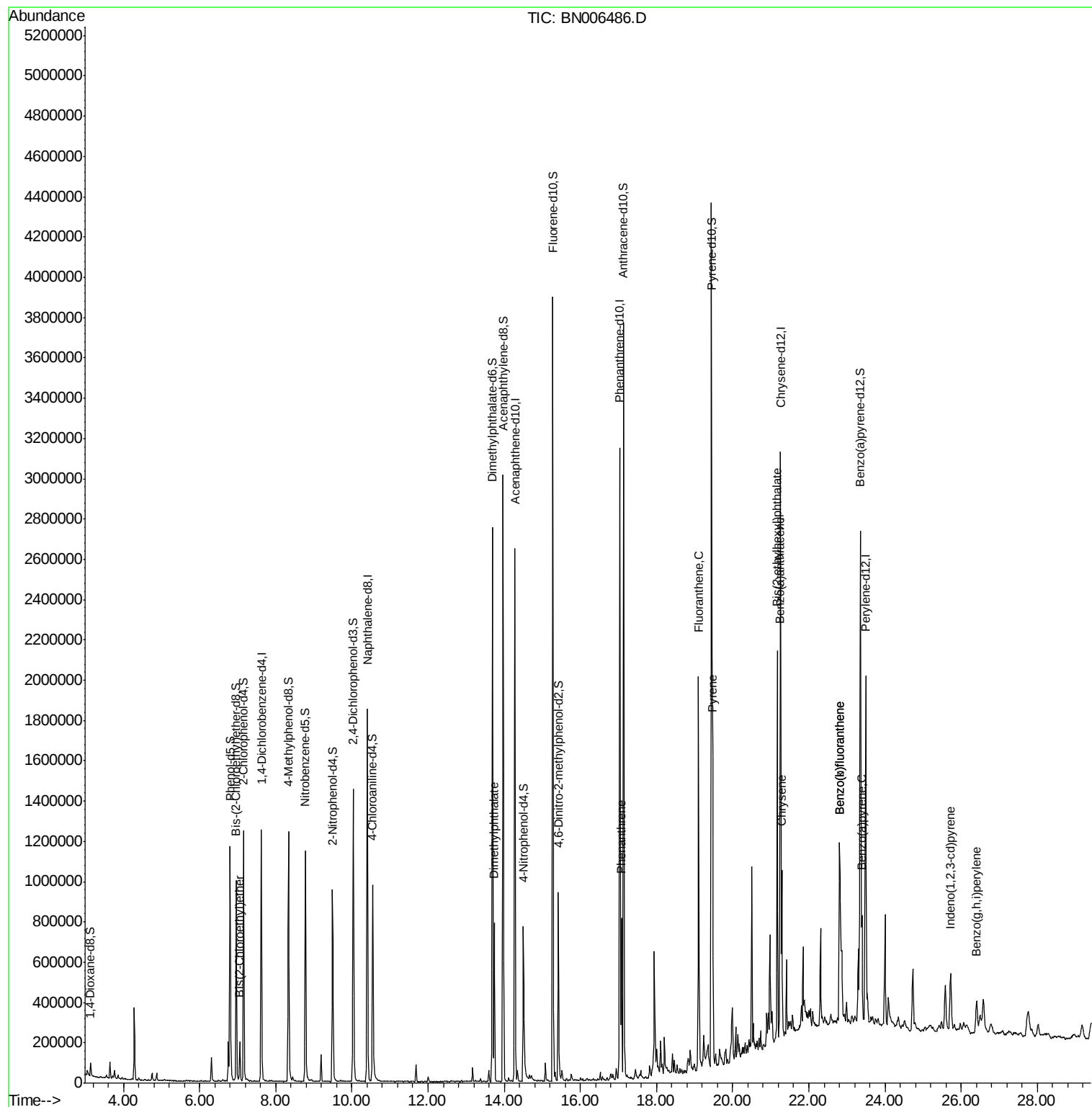
					Qvalue	
8) Bis(2-Chloroethyl)ether	7.06	93	66967	2.668	ng/ul#	23
44) Dimethylphthalate	13.74	163	468506	7.002	ng/ul	100
69) Phenanthrene	17.07	178	435764	4.656	ng/ul	99
76) Fluoranthene	19.11	202	1115062	11.054	ng/ul	98
79) Pyrene	19.47	202	862957	11.146	ng/ul	98
82) Benzo(a)anthracene	21.24	228	393756	5.066	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	590554	11.863	ng/ul	99
84) Chrysene	21.29	228	421286	5.695	ng/ul	98
87) Benzo(b)fluoranthene	22.82	252	516236	7.448	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	516236	7.793	ng/ul	99
90) Benzo(a)pyrene	23.39	252	325392	4.896	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	231119	2.938	ng/ul	97
93) Benzo(g,h,i)perylene	26.40	276	192345	2.903	ng/ul	98

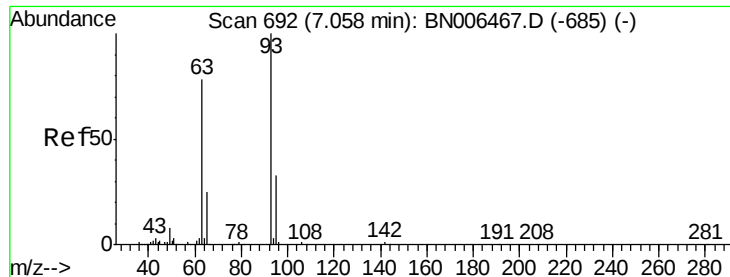
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 2.668 ng/ul

RT: 7.06 min Scan# 692

Delta R.T. 0.00 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

Instrument :

BNA_N

ClientSampleId :

A4203

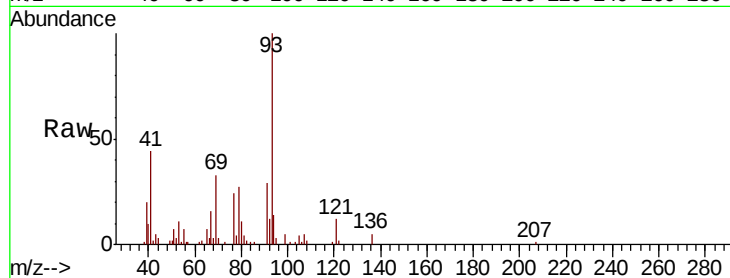
Tgt Ion: 93 Resp: 66967

Ion Ratio Lower Upper

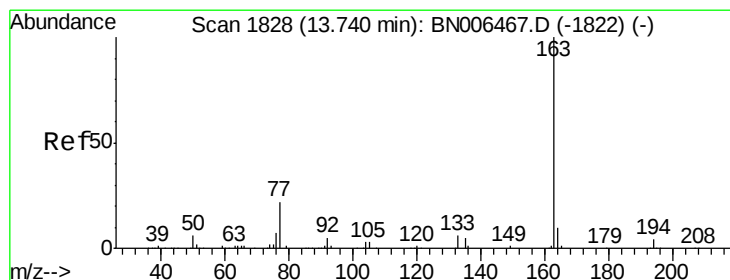
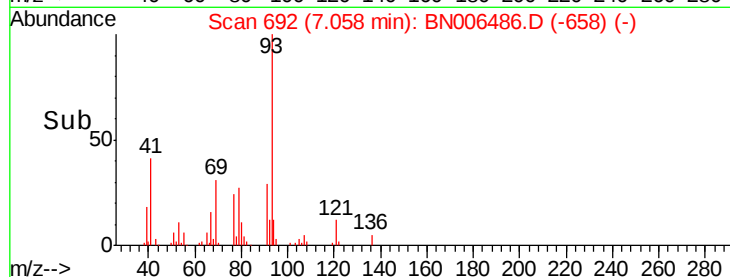
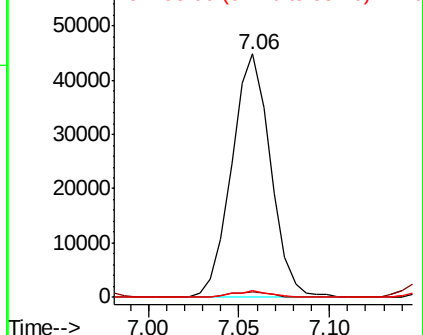
93 100

63 2.4 61.8 92.8#

95 2.6 25.6 38.4#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#44

Dimethylphthalate

Concen: 7.002 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

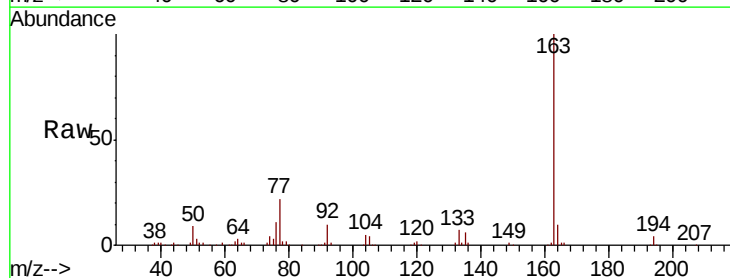
Tgt Ion: 163 Resp: 468506

Ion Ratio Lower Upper

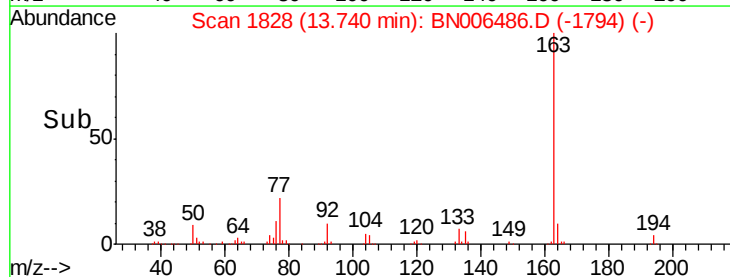
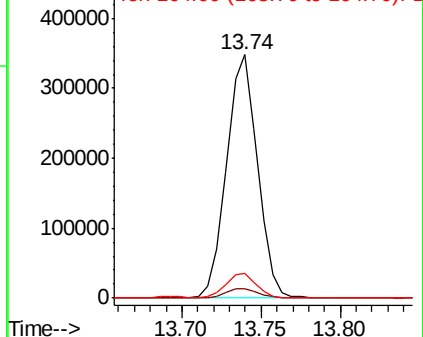
163 100

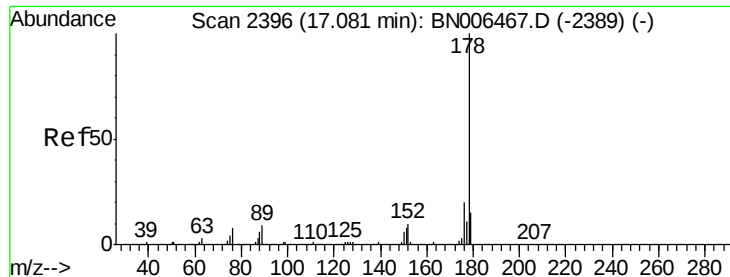
194 4.1 3.4 5.0

164 10.0 8.0 12.0



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





#69

Phenanthrene

Concen: 4.656 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

Instrument :

BNA_N

ClientSampleId :

A4203

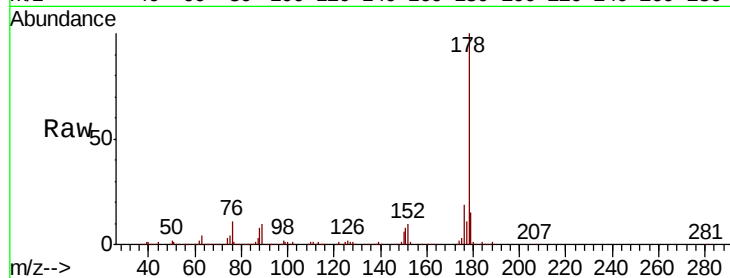
Tgt Ion:178 Resp: 435764

Ion Ratio Lower Upper

178 100

179 14.9 12.5 18.7

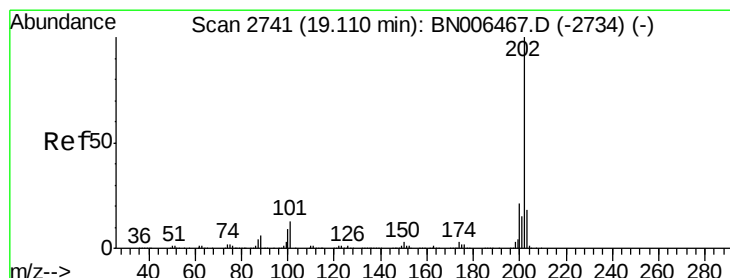
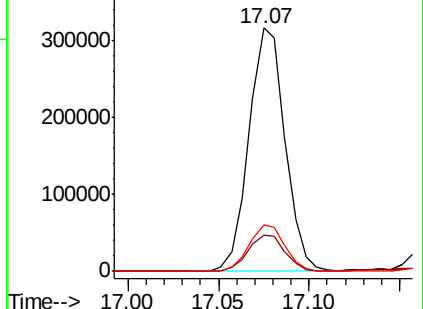
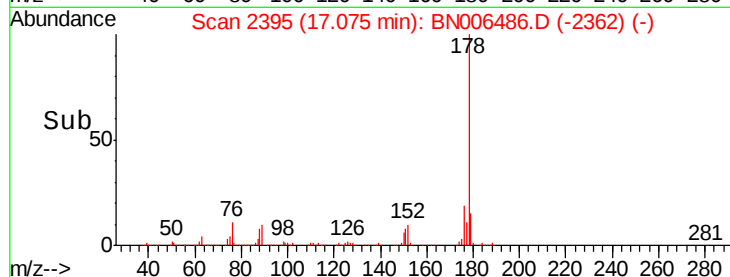
176 19.2 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 11.054 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

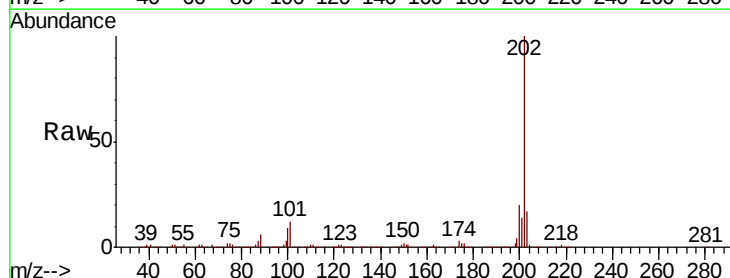
Tgt Ion:202 Resp: 1115062

Ion Ratio Lower Upper

202 100

101 12.0 10.5 15.7

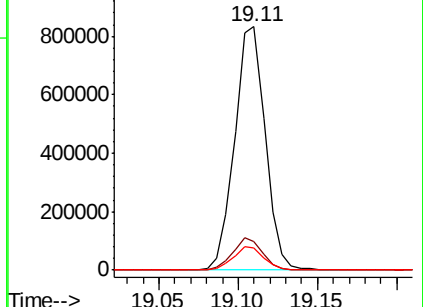
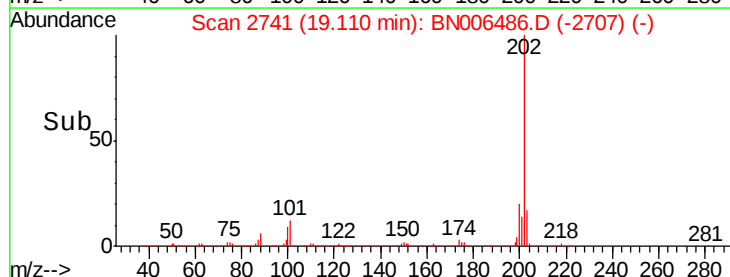
100 9.0 7.6 11.4

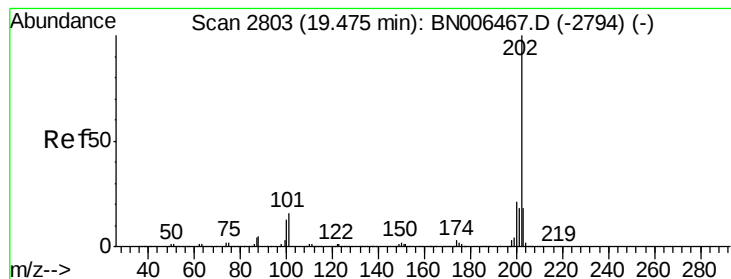


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 11.146 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

Instrument :

BNA_N

ClientSampleId :

A4203

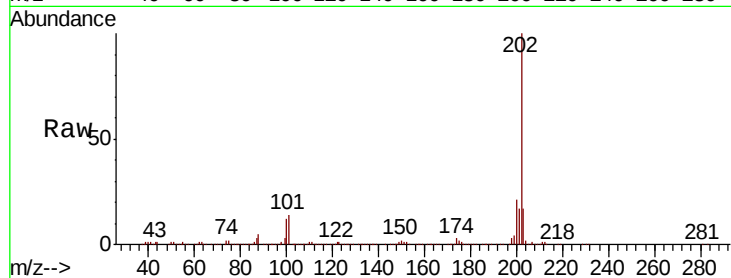
Tgt Ion:202 Resp: 862957

Ion Ratio Lower Upper

202 100

101 14.4 12.2 18.4

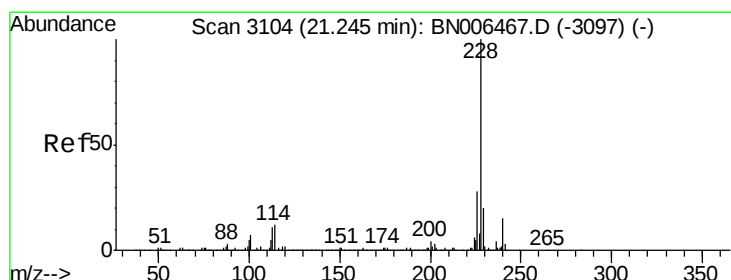
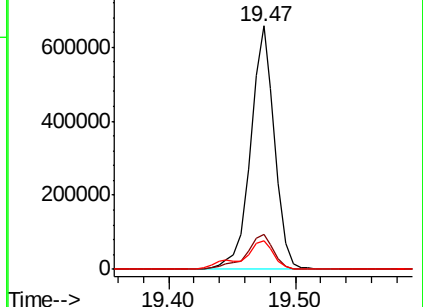
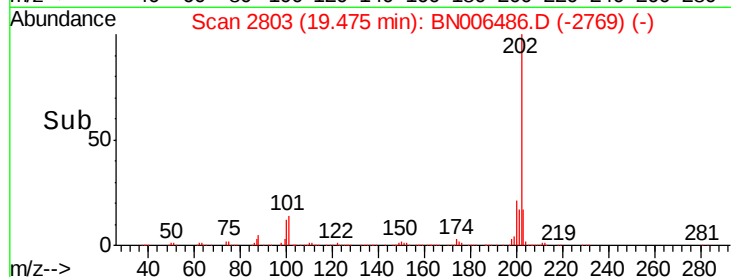
100 11.5 9.8 14.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 5.066 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

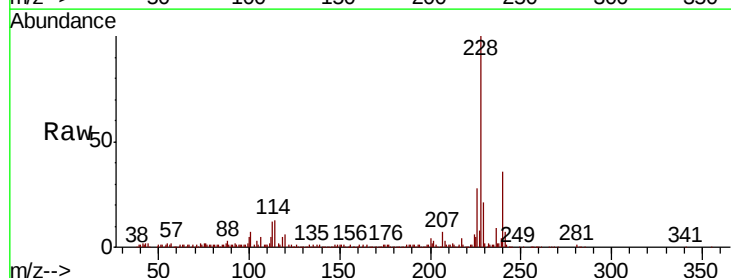
Tgt Ion:228 Resp: 393756

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

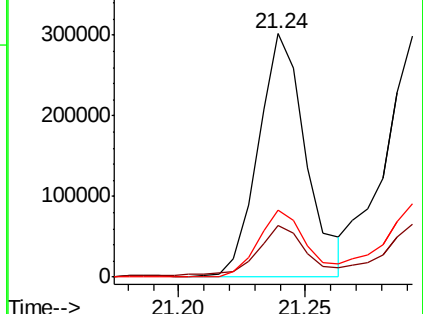
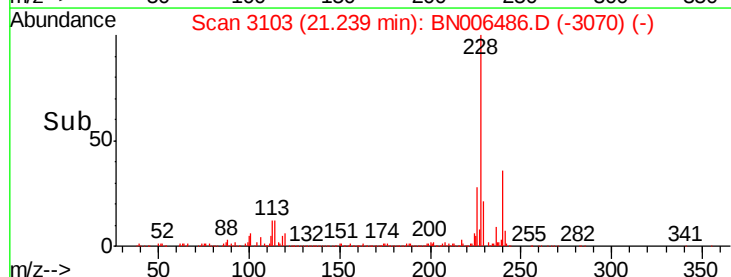
226 27.8 21.5 32.3

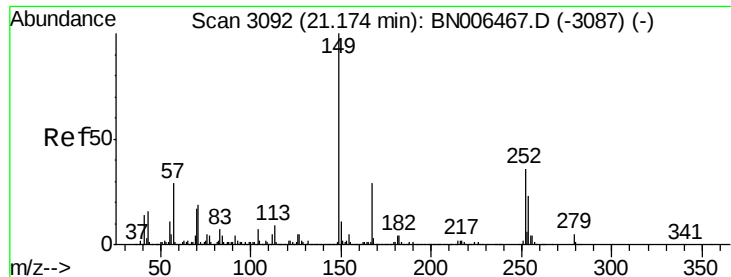


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

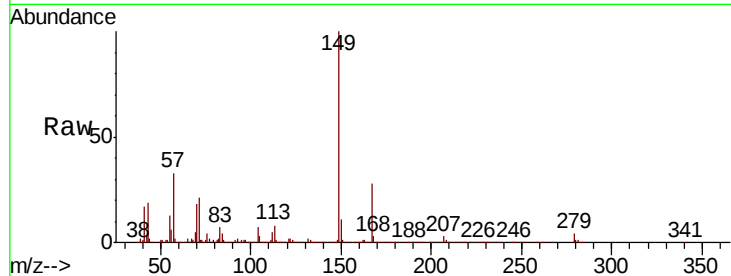




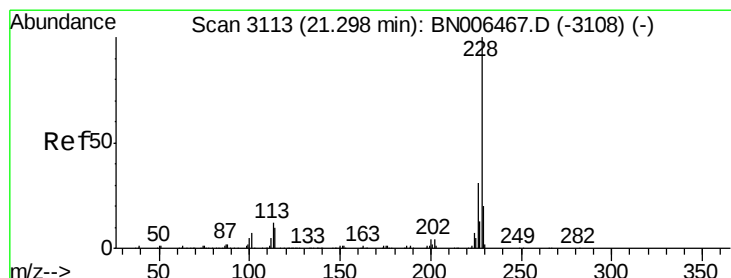
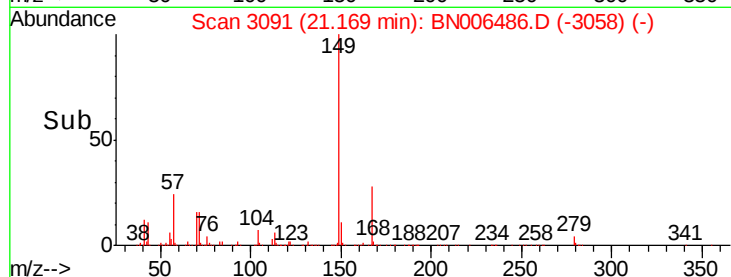
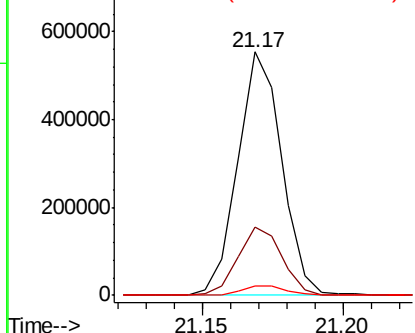
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.863 ng/ul
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN006486.D
 Acq: 22 Jun 2019 13:30

Instrument :
 BNA_N
 ClientSampleId :
 A4203

Tgt Ion:149 Resp: 590554
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 3.8 3.3 4.9

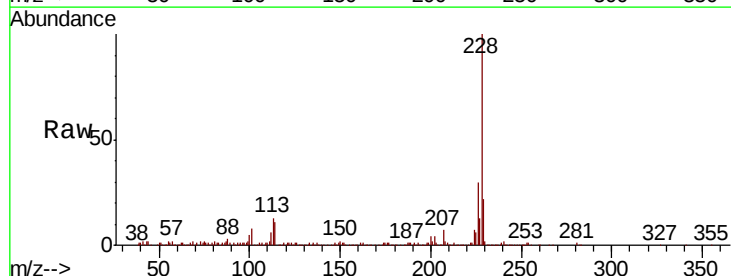


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

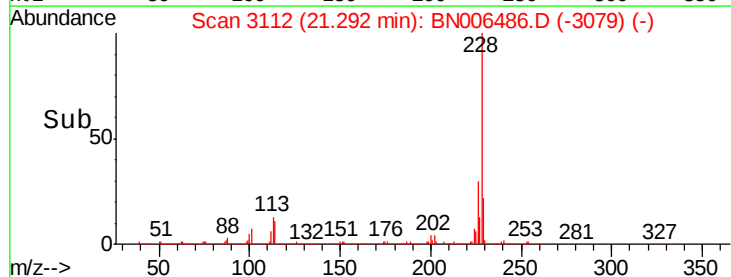
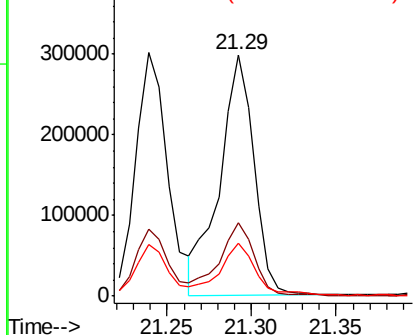


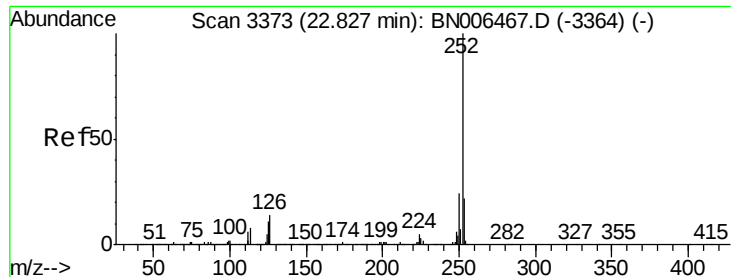
#84
 Chrysene
 Concen: 5.695 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BN006486.D
 Acq: 22 Jun 2019 13:30

Tgt Ion:228 Resp: 421286
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 21.8 15.9 23.9



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

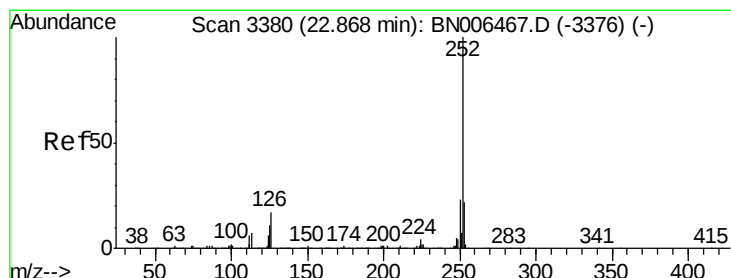
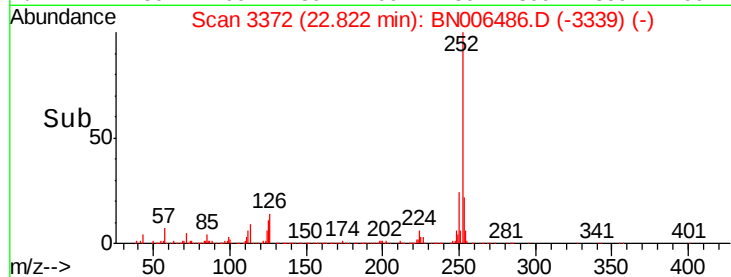
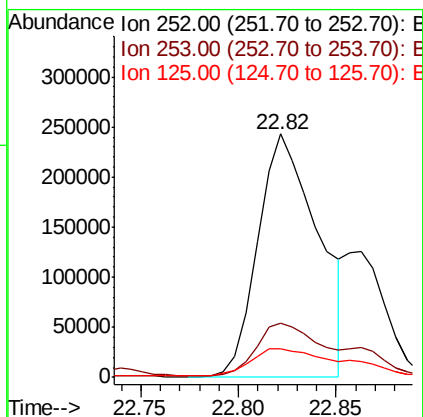
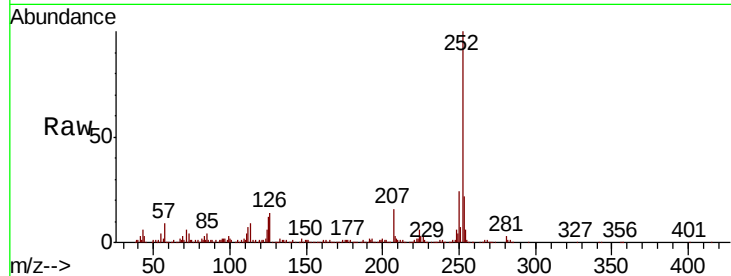




#87
Benzo(b)fluoranthene
Concen: 7.448 ng/u1
RT: 22.82 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BN006486.D
Acq: 22 Jun 2019 13:30

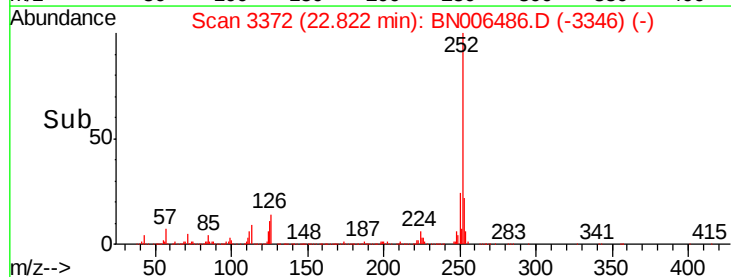
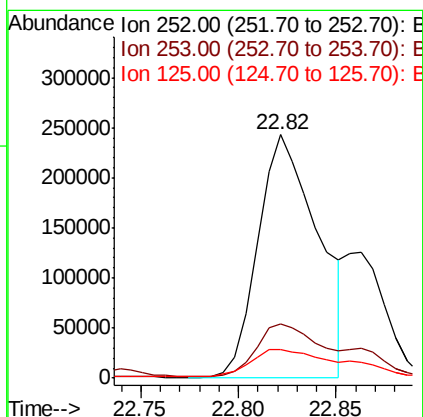
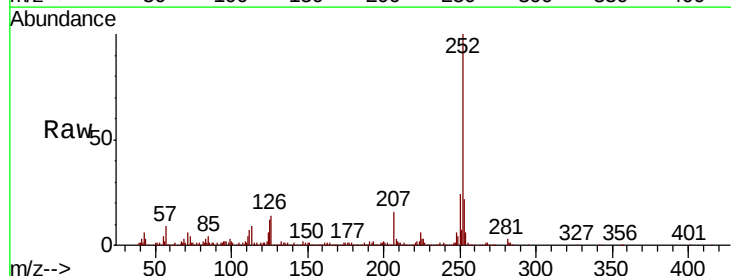
Instrument :
BNA_N
ClientSampleId :
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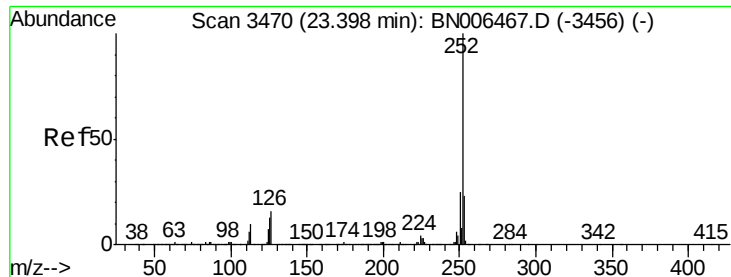
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 7.793 ng/u1
RT: 22.82 min Scan# 3372
Delta R.T. -0.05 min
Lab File: BN006486.D
Acq: 22 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.0	9.1	13.7





#90

Benzo(a)pyrene

Concen: 4.896 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

Instrument :

BNA_N

ClientSampled :

A4203

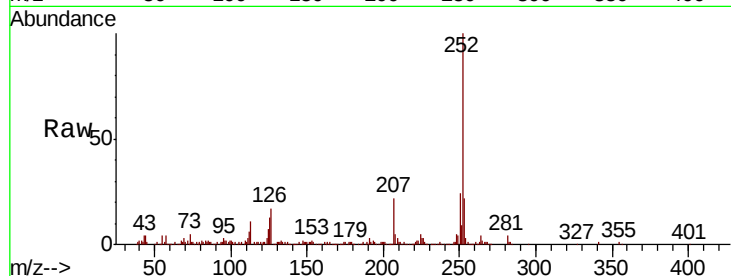
Tgt Ion:252 Resp: 325392

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

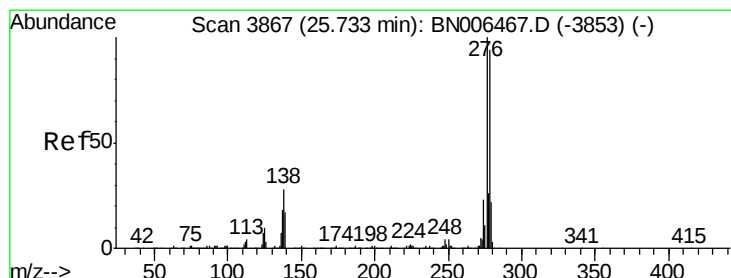
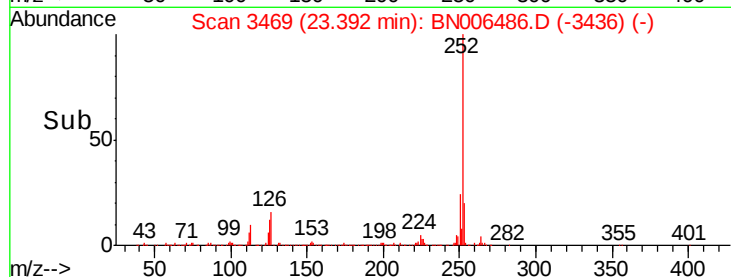
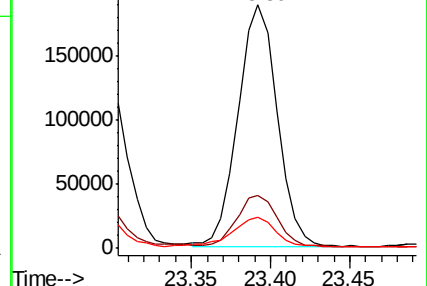
125 12.8 10.0 15.0



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.938 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN006486.D

Acq: 22 Jun 2019 13:30

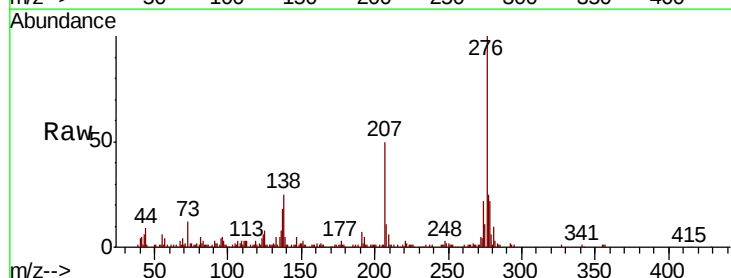
Tgt Ion:276 Resp: 231119

Ion Ratio Lower Upper

276 100

138 25.1 22.2 33.4

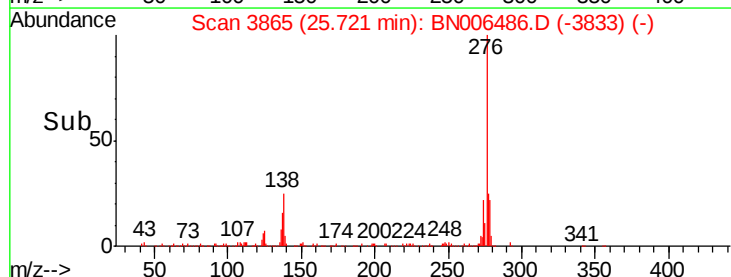
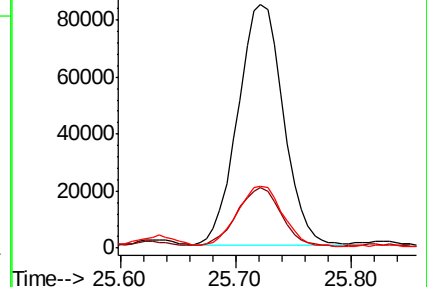
277 25.3 20.2 30.4

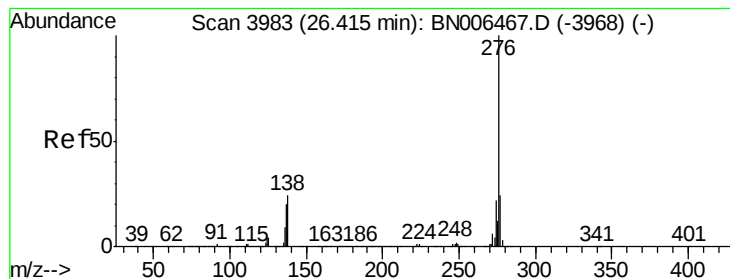


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.903 ng/ul

RT: 26.40 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BN006486.D

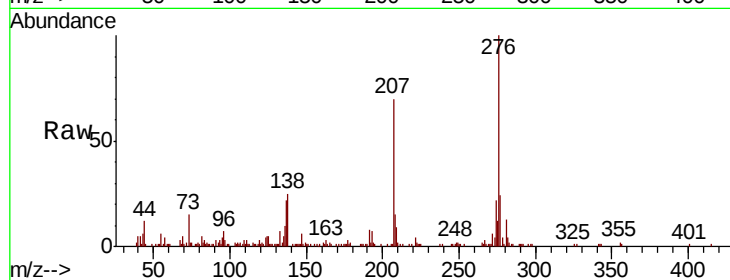
Acq: 22 Jun 2019 13:30

Instrument :

BNA_N

ClientSampleId :

A4203



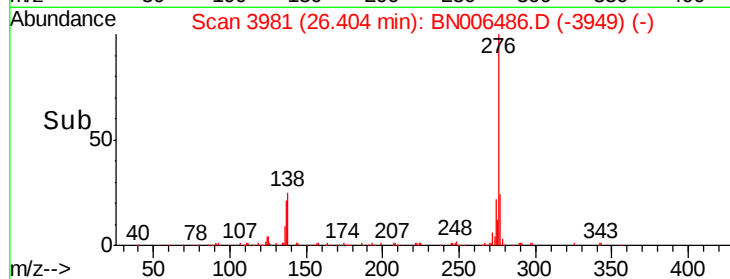
Tgt Ion: 276 Resp: 192345

Ion Ratio Lower Upper

276 100

138 25.5 19.1 28.7

277 24.1 19.4 29.0



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

