

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
 Data File : BN006586.D
 Acq On : 26 Jun 2019 19:55
 Operator : HP/JU
 Sample : K3498-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB8

Quant Time: Jun 27 02:06:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 18:22:21 2019
 Response via : Initial Calibration

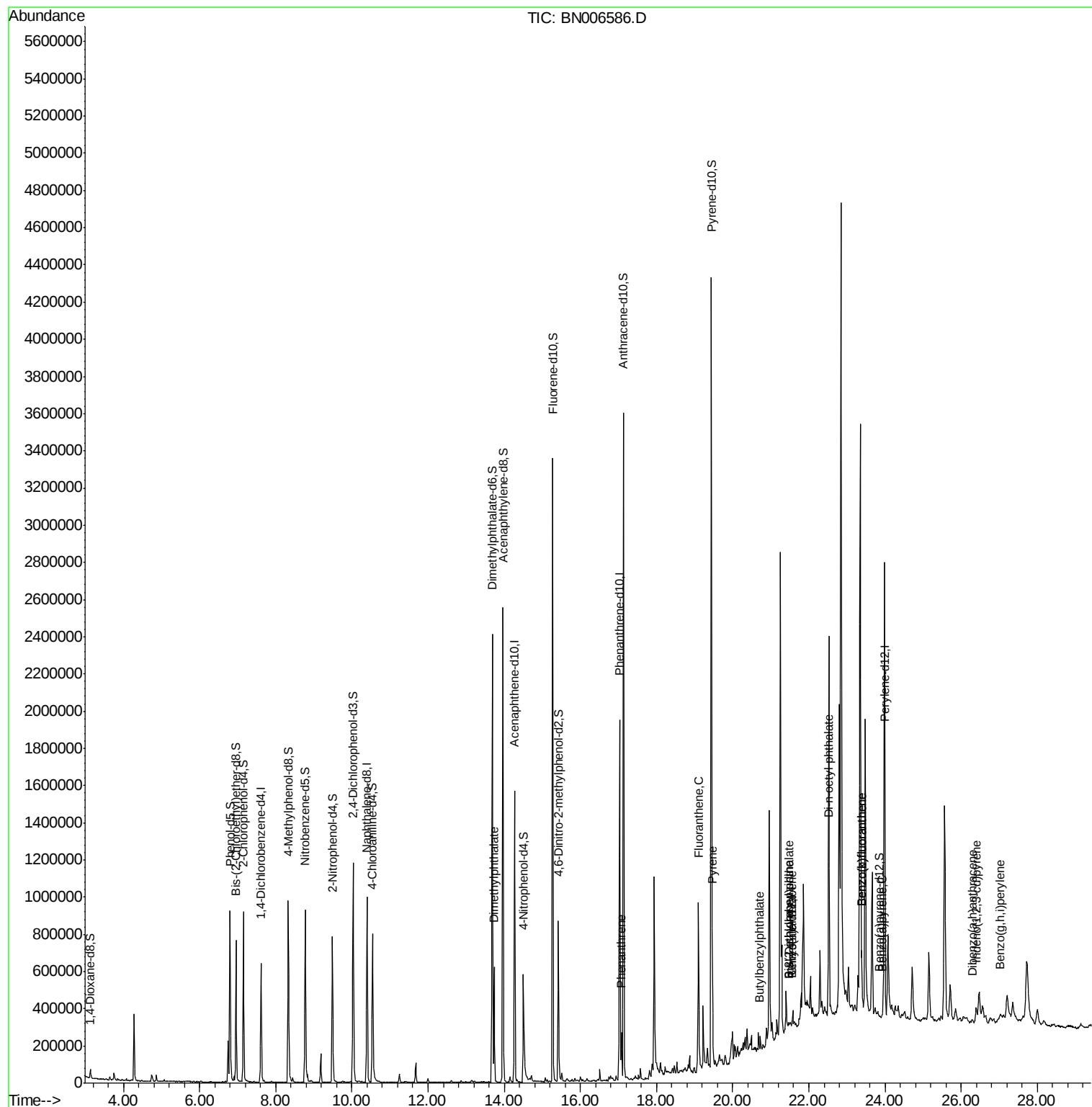
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	809442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	485921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1078255	20.00	ng/ul	-0.01
77) Chrysene-d12	21.56	240	851	20.00	ng/ul	0.11
85) Perylene-d12	24.00	264	380	20.00	ng/ul	0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	24073	5.65	ng/uL	0.00
5) Phenol-d5	6.80	99	532194	30.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	347593	31.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	406841	31.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	370834	26.40	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	215660	33.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	250842	35.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	437921	32.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	450390	28.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1464115	34.38	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1715755	32.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	184540	25.36	ng/ul	0.00
57) Fluorene-d10	15.27	176	1241464	34.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	169933	24.90	ng/ul	0.00
70) Anthracene-d10	17.13	188	1885647	34.74	ng/ul	-0.01
78) Pyrene-d10	19.44	212	2108108	42409.35	ng/ul	-0.03
89) Benzo(a)pyrene-d12	23.86	264	279	13.00	ng/ul	0.14
Target Compounds						
44) Dimethylphthalate	13.73	163	365440	9.308	ng/ul	100
69) Phenanthrene	17.07	178	133978	2.253	ng/ul	99
76) Fluoranthene	19.10	202	448152	6.992	ng/ul	100
79) Pyrene	19.47	202	385771	6658.081	ng/ul	99
80) Butylbenzylphthalate	20.70	149	539	20.747	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.46	252	45	2.501	ng/ul#	1
82) Benzo(a)anthracene	21.55	228	232	3.989	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.48	149	150	4.026	ng/ul#	86
86) Di-n-octyl phthalate	22.50	149	4958	203.056	ng/ul	100
87) Benzo(b)fluoranthene	23.39	252	200776	8803.612	ng/ul	97
88) Benzo(k)fluoranthene	23.39	252	200776	9211.439	ng/ul	96
90) Benzo(a)pyrene	23.92	252	222	10.152	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	26.39	276	93572	3615.588	ng/ul	97
92) Dibenzo(a,h)anthracene	26.31	278	228	10.638	ng/ul#	1
93) Benzo(g,h,i)perylene	27.01	276	305	13.993	ng/ul#	1

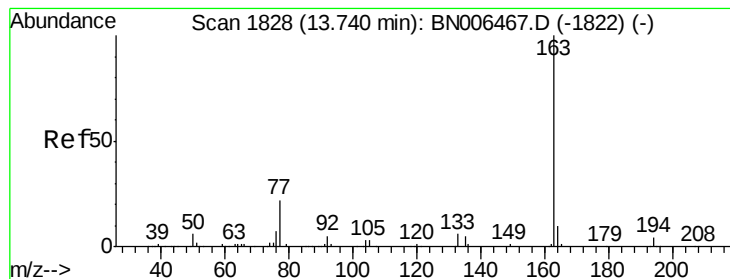
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.308 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

ClientSampleId :

C5AB8

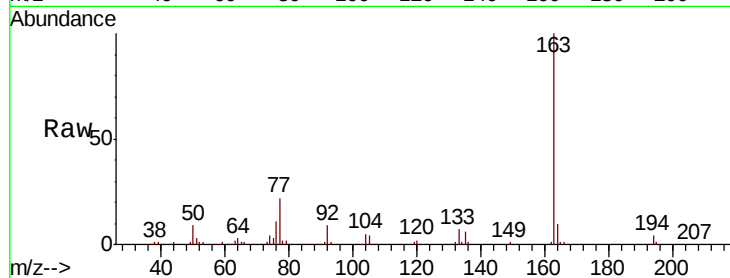
Tgt Ion:163 Resp: 365440

Ion Ratio Lower Upper

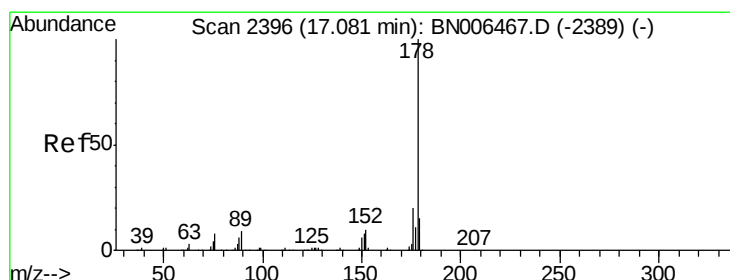
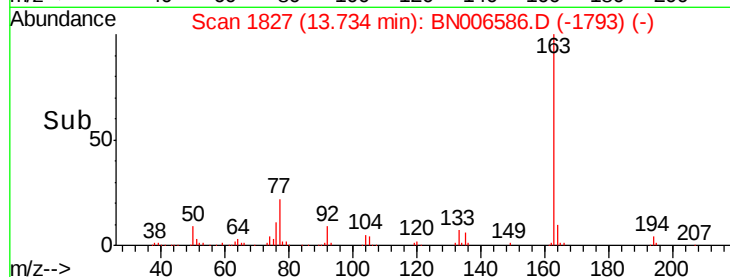
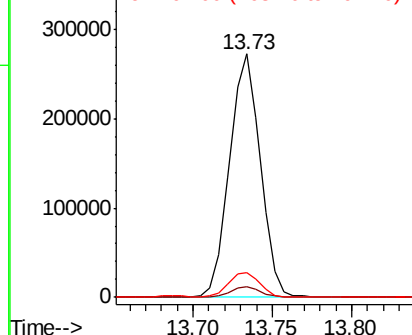
163 100

194 4.2 3.4 5.0

164 10.1 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: 2.253 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

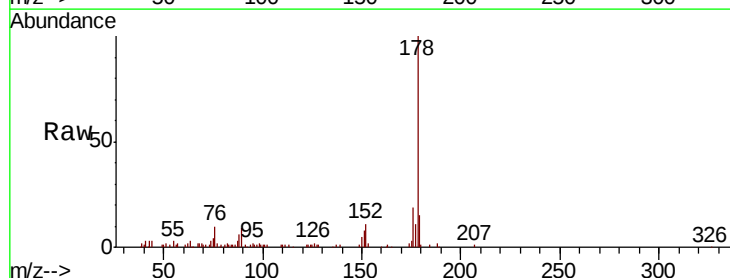
Tgt Ion:178 Resp: 133978

Ion Ratio Lower Upper

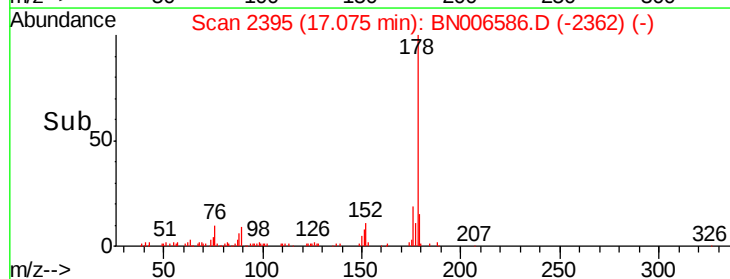
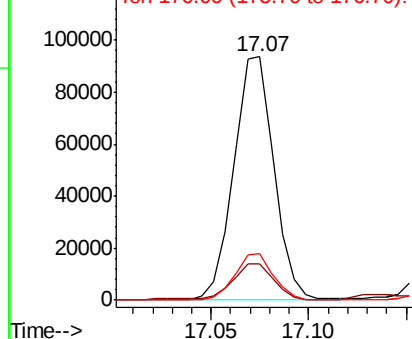
178 100

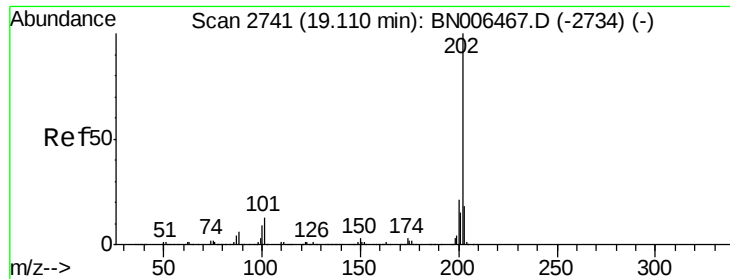
179 15.0 12.5 18.7

176 18.8 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: 6.992 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

ClientSampleId :

C5AB8

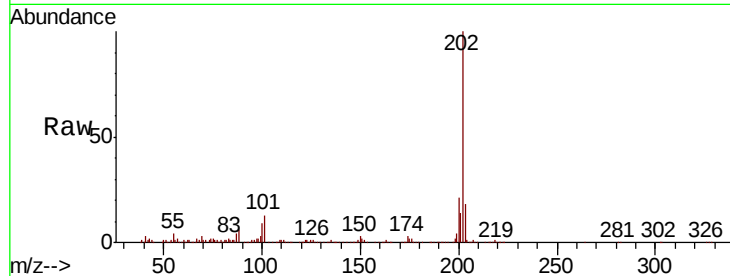
Tgt Ion:202 Resp: 448152

Ion Ratio Lower Upper

202 100

101 13.0 10.5 15.7

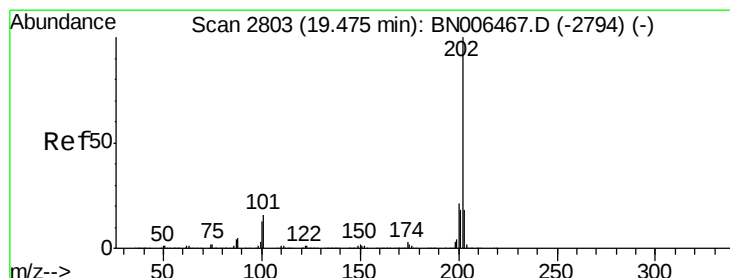
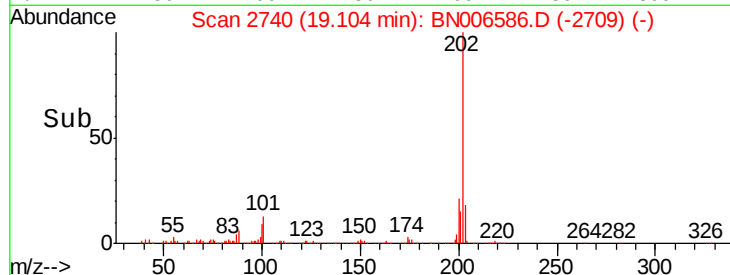
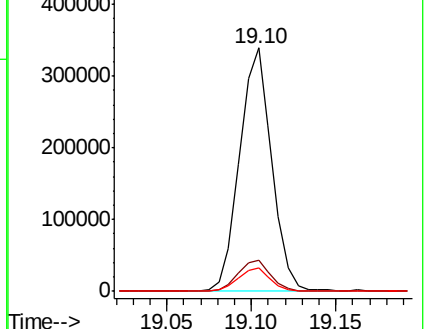
100 9.4 7.6 11.4



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: 6658.081 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

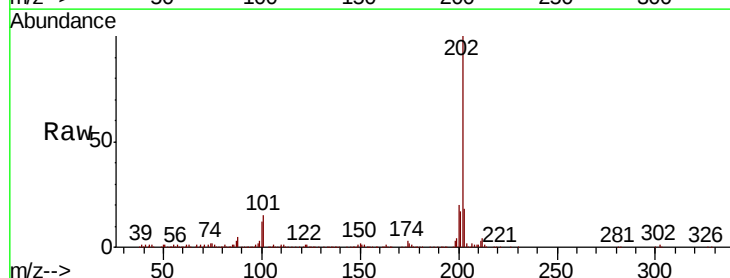
Tgt Ion:202 Resp: 385771

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.4

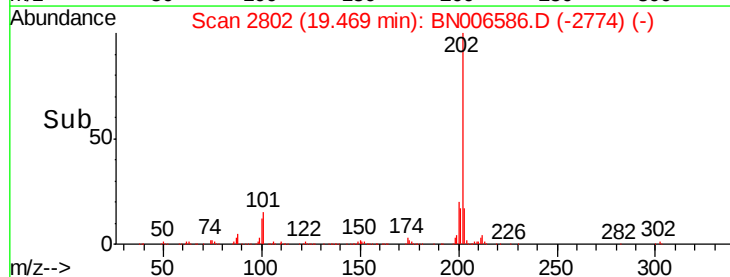
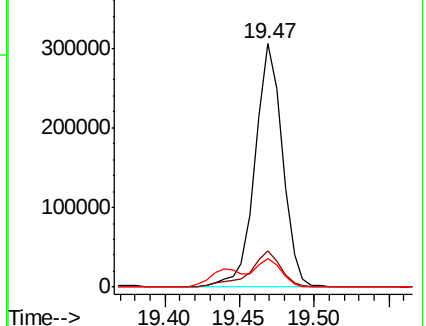
100 11.8 9.8 14.6

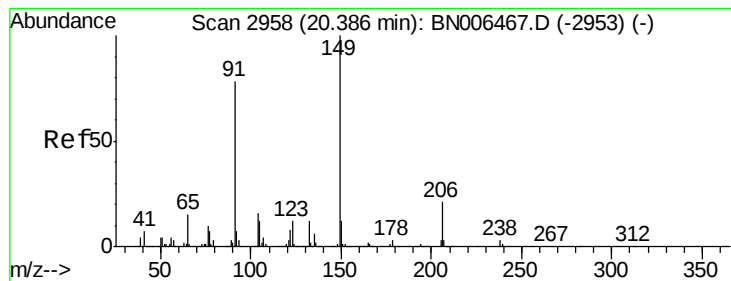


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

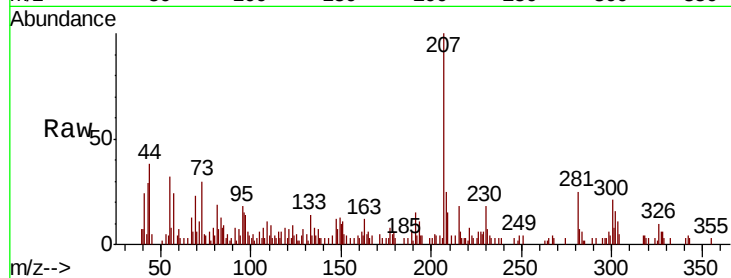




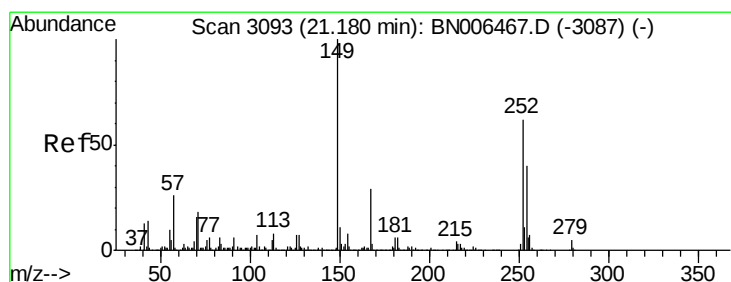
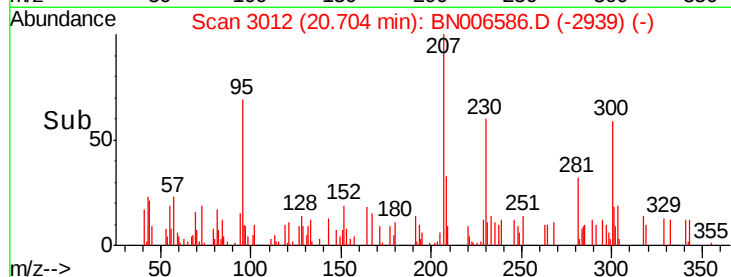
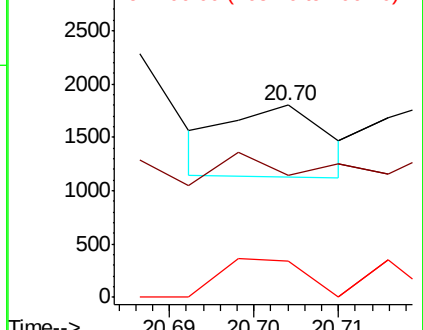
#80
Butylbenzylphthalate
Concen: 20.747 ng/ul
RT: 20.70 min Scan# 3012
Delta R.T. 0.23 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Instrument :
BNA_N
ClientSampled :
C5AB8

Tgt Ion:149 Resp: 539
Ion Ratio Lower Upper
149 100
91 63.9 62.7 94.1
206 19.2 16.3 24.5

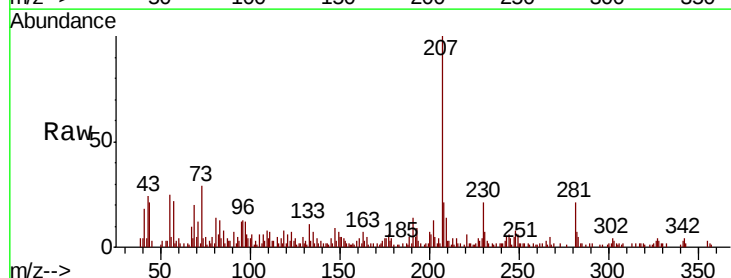


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

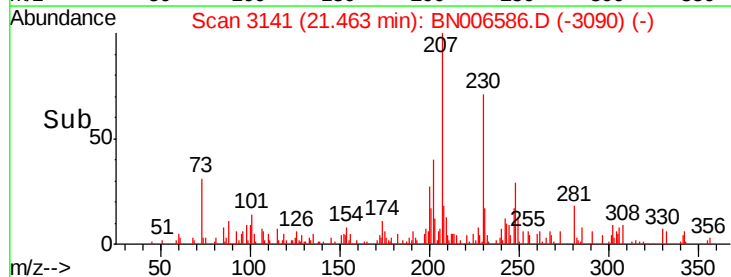
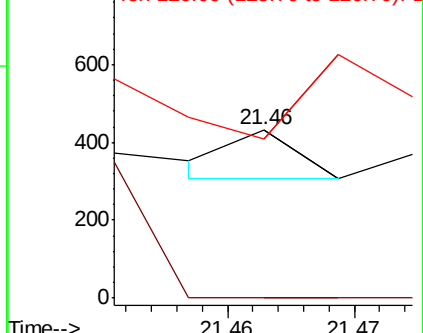


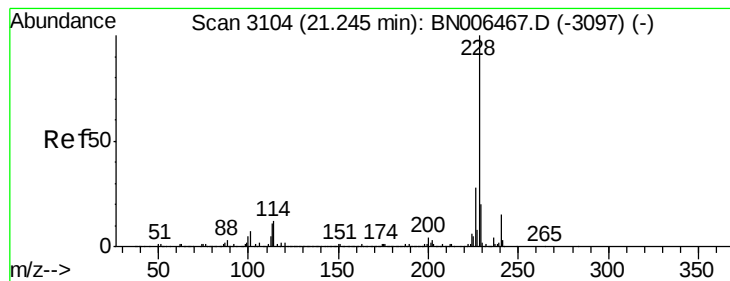
#81
3,3'-Dichlorobenzidine
Concen: 2.501 ng/ul
RT: 21.46 min Scan# 3141
Delta R.T. 0.10 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Tgt Ion:252 Resp: 45
Ion Ratio Lower Upper
252 100
254 0.0 51.8 77.8#
126 94.2 9.8 14.8#



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





#82

Benzo(a)anthracene

Concen: 3.989 ng/ul

RT: 21.55 min Scan# 3155

Delta R.T. 0.11 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

ClientSampleId :

C5AB8

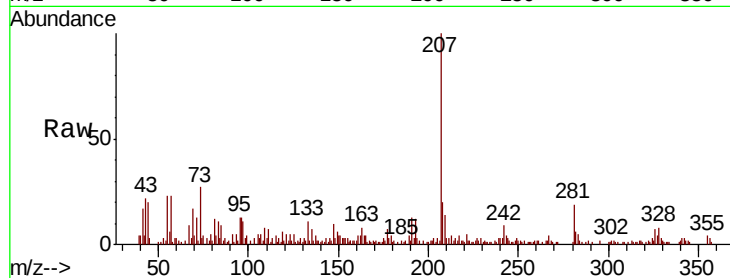
Tgt Ion:228 Resp: 232

Ion Ratio Lower Upper

228 100

229 142.7 15.6 23.4#

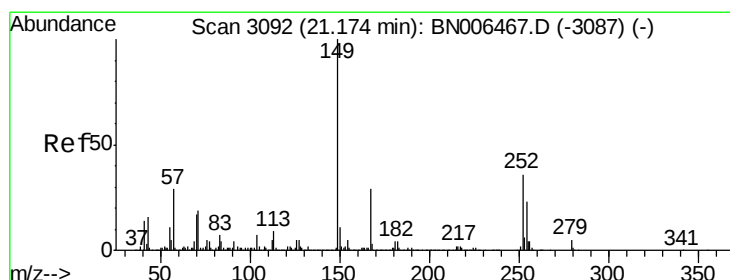
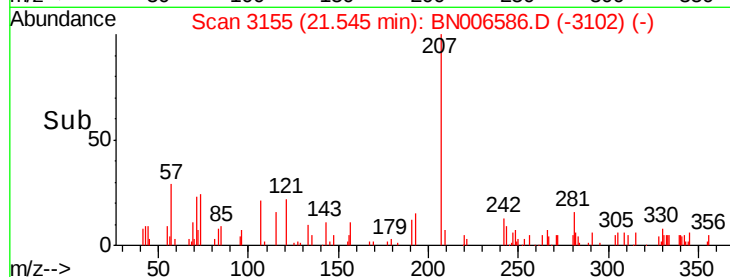
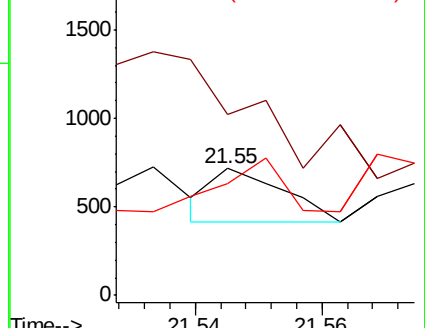
226 87.8 21.5 32.3#



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: 4.026 ng/ul

RT: 21.48 min Scan# 3144

Delta R.T. 0.11 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

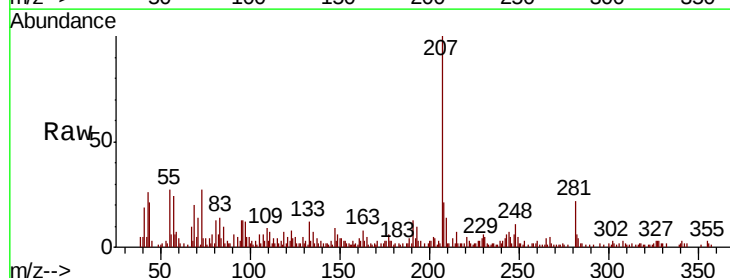
Tgt Ion:149 Resp: 150

Ion Ratio Lower Upper

149 100

167 35.1 22.2 33.4#

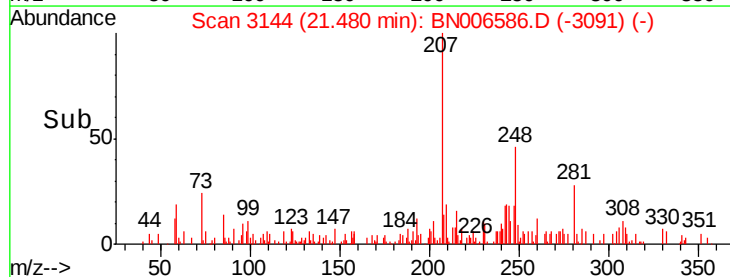
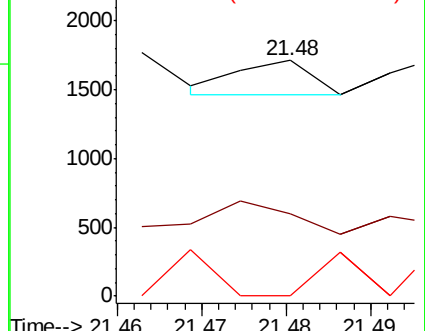
279 0.0 3.3 4.9#

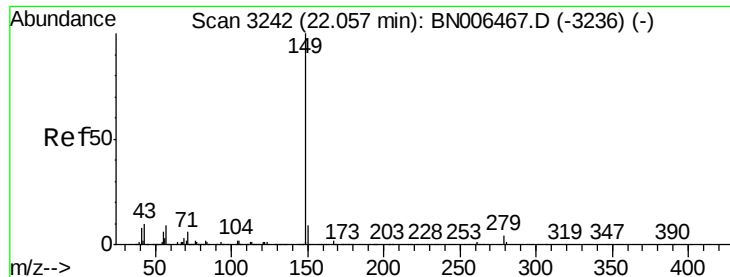


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Di-n-octyl phthalate

Concen: 203.056 ng/ul

RT: 22.50 min Scan# 3318

Delta R.T. 0.12 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

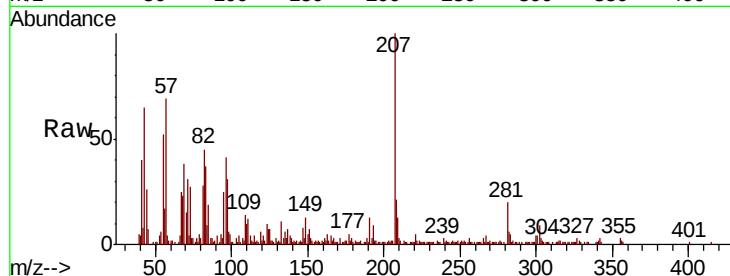
Instrument :

BNA_N

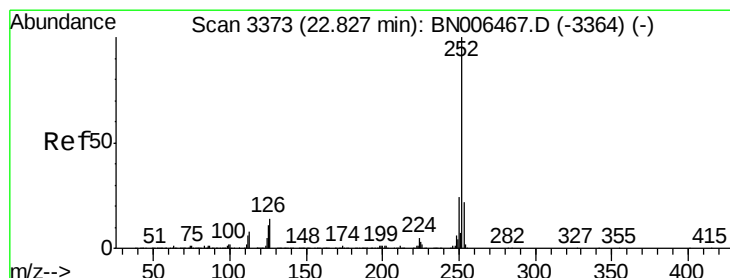
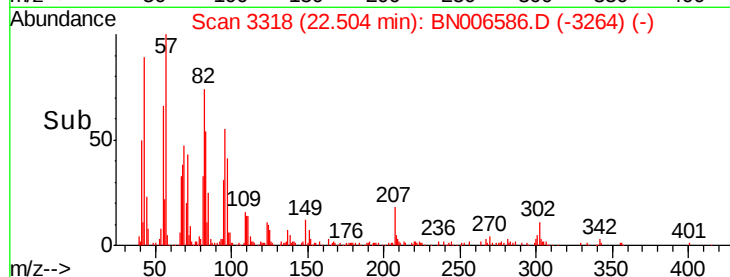
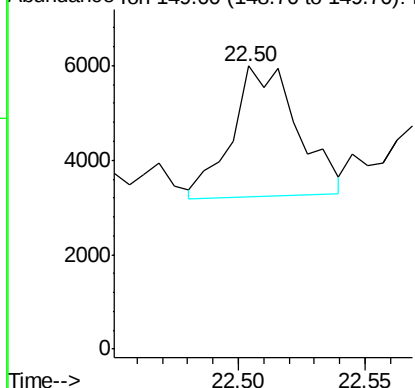
ClientSampleId :

C5AB8

Tgt Ion:149 Resp: 4958



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 8803.612 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. 0.21 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

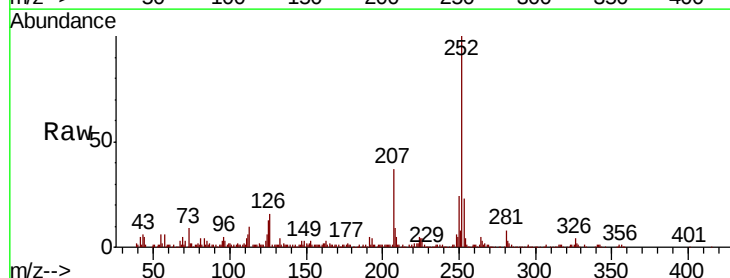
Tgt Ion:252 Resp: 200776

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

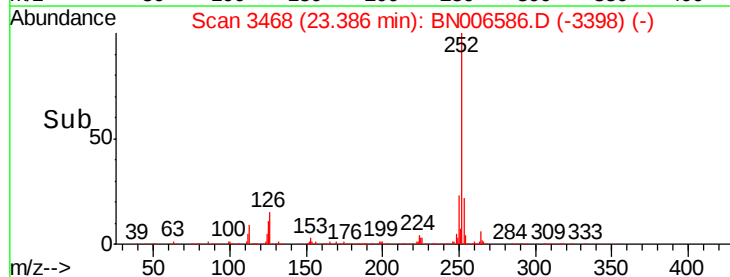
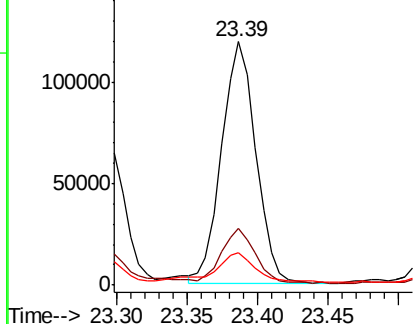
125 13.3 9.0 13.6

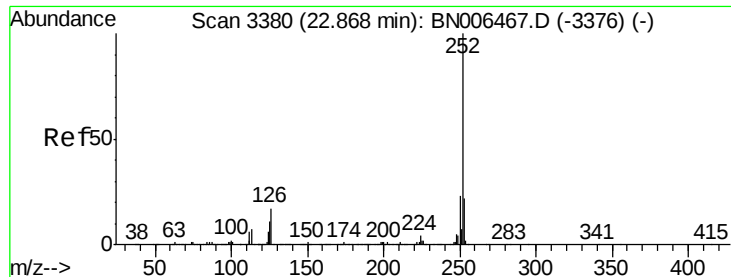


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 9211.439 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. 0.17 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

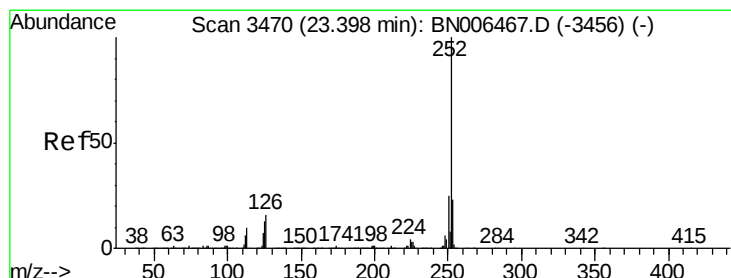
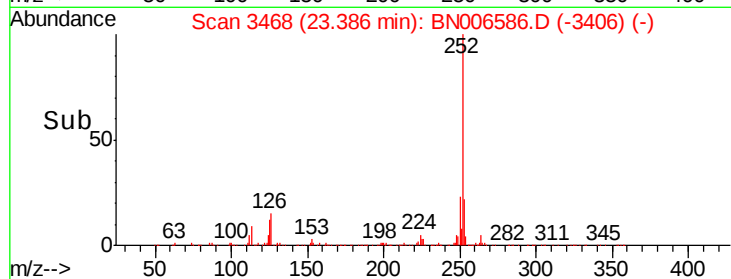
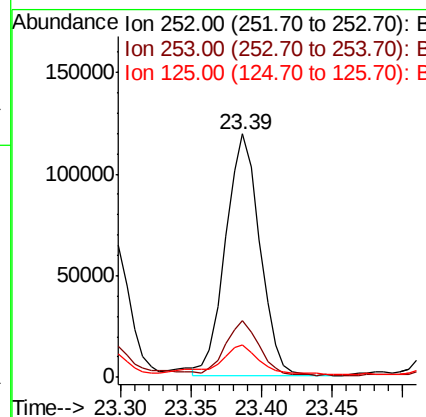
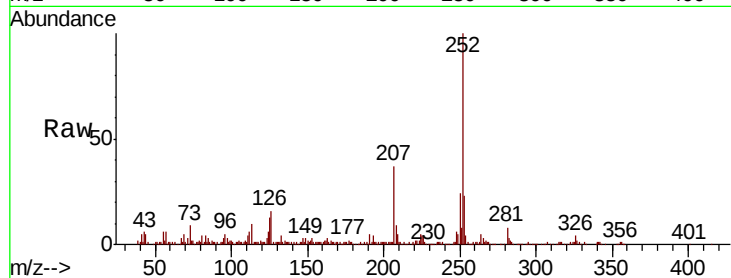
Instrument :

BNA_N

ClientSampleId :

C5AB8

Tgt Ion:	252	Resp:	200776
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	13.3	9.1	13.7



#90

Benzo(a)pyrene

Concen: 10.152 ng/ul

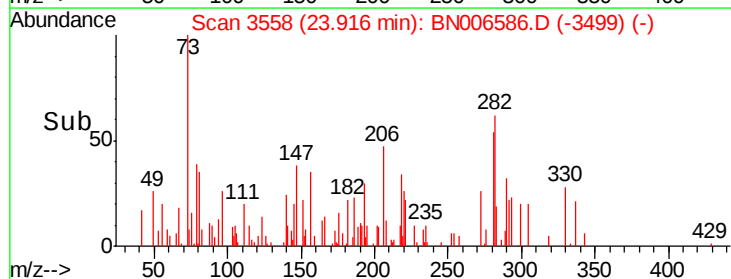
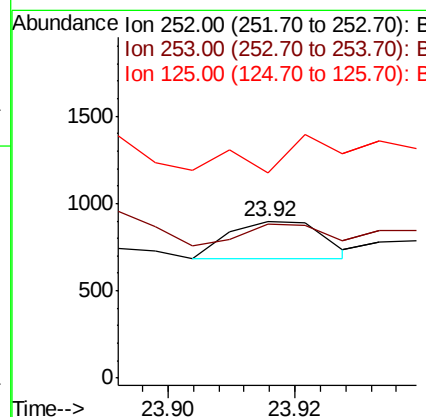
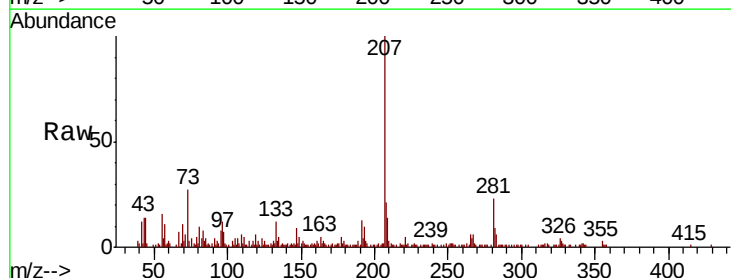
RT: 23.92 min Scan# 3558

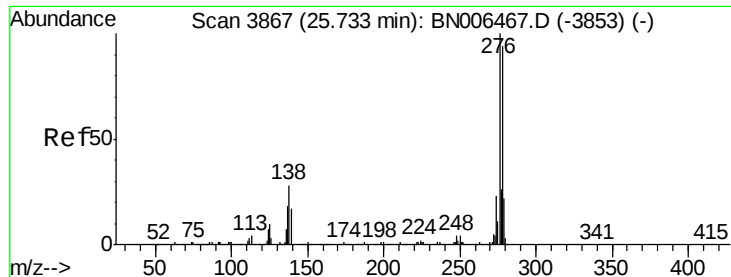
Delta R.T. 0.15 min

Lab File: BN006586.D

Acq: 26 Jun 2019 19:55

Tgt Ion:	252	Resp:	222
Ion Ratio	Lower	Upper	
252	100		
253	98.7	17.7	26.5#
125	131.2	10.0	15.0#



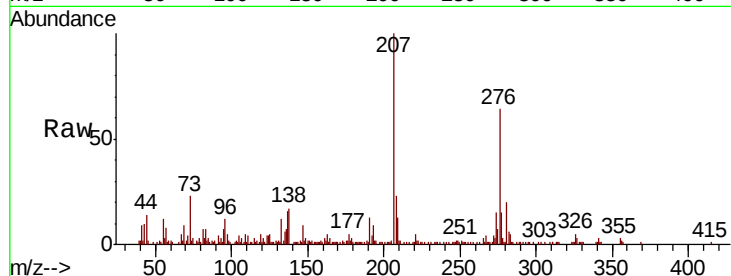


#91

Indeno(1,2,3-cd)pyrene
Concen: 3615.588 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. 0.24 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Instrument :
BNA_N
ClientSampleId :
C5AB8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.2	33.4
277	23.7	20.2	30.4

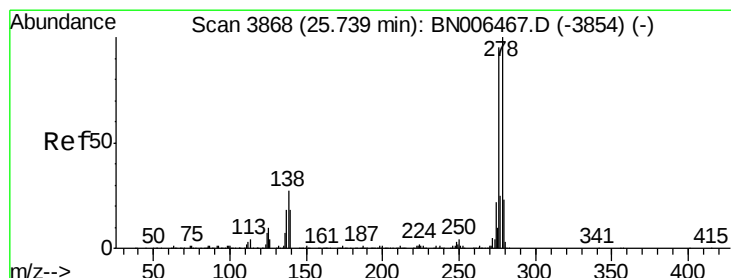
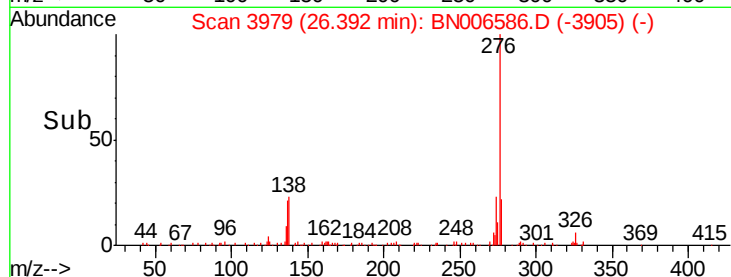
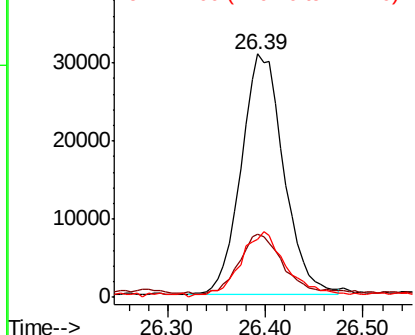


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

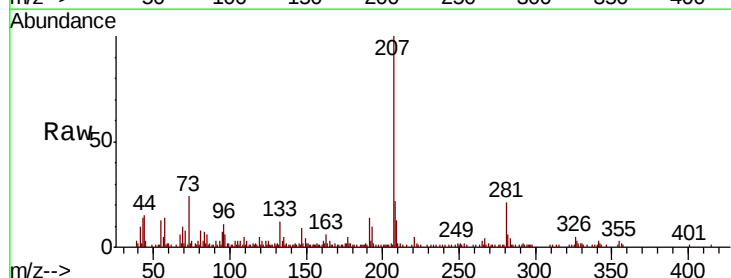
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 10.638 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. 0.14 min
Lab File: BN006586.D
Acq: 26 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	158.5	14.2	21.4#
279	110.0	18.8	28.2#

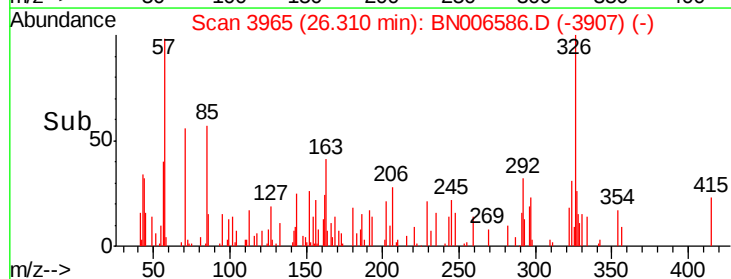
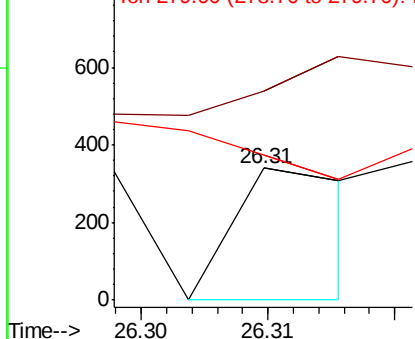


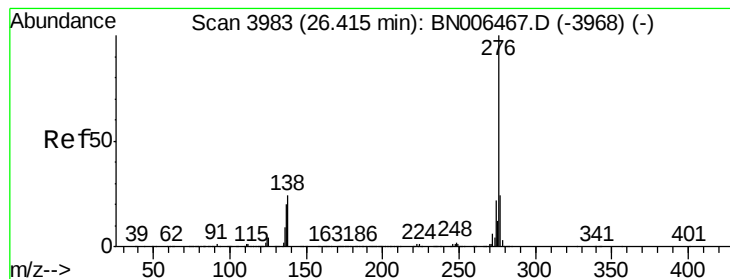
Abundance

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





#93

Benzo(g,h,i)perylene

Concen: 13.993 ng/ul

RT: 27.01 min Scan# 4084

Delta R.T. 0.16 min

Lab File: BN006586.D

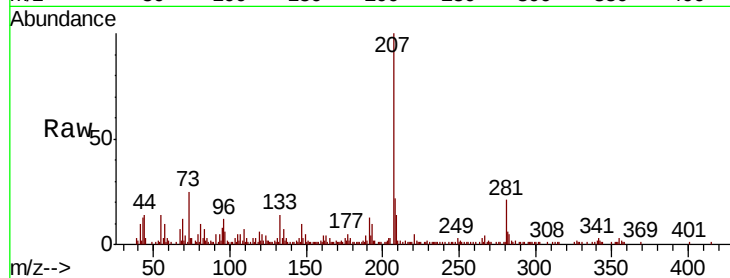
Acq: 26 Jun 2019 19:55

Instrument :

BNA_N

ClientSampleId :

C5AB8



Tgt Ion: 276 Resp: 305

Ion Ratio Lower Upper

276 100

138 97.8 19.1 28.7#

277 74.6 19.4 29.0#

