

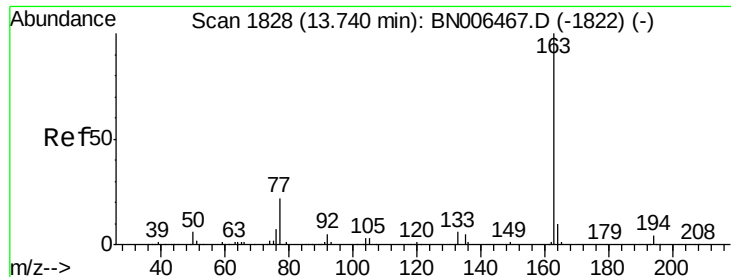
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
 Data File : BN006585.D
 Acq On : 26 Jun 2019 19:20
 Operator : HP/JU
 Sample : K3498-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB4

Quant Time: Jun 27 02:05:53 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	213151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1018245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	602639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1339311	20.00	ng/ul	0.00
77) Chrysene-d12	21.50	240	1076	20.00	ng/ul	0.05
85) Perylene-d12	23.93	264	165	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22296	4.09	ng/uL	0.00
5) Phenol-d5	6.80	99	528284	23.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	326844	23.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	404558	24.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	359297	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	209537	25.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	240076	27.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	440721	25.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	387284	19.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1386877	26.26	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1670114	25.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	164059	18.18	ng/ul	0.00
57) Fluorene-d10	15.27	176	1218217	27.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	165975	19.58	ng/ul	0.00
70) Anthracene-d10	17.13	188	1887392	27.99	ng/ul	0.00
78) Pyrene-d10	19.45	212	2090984	33268.77	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.79	264	383	41.10	ng/ul	0.07
Target Compounds						
44) Dimethylphthalate	13.73	163	304603	6.256	ng/ul	99
69) Phenanthrene	17.07	178	758500	10.268	ng/ul	100
71) Anthracene	17.16	178	95190	1.269	ng/ul	99
76) Fluoranthene	19.10	202	1929850	24.240	ng/ul	99
79) Pyrene	19.47	202	1594541	21765.692	ng/ul	100
80) Butylbenzylphthalate	20.57	149	2888	87.920	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.43	252	2602	114.374	ng/ul#	1
82) Benzo(a)anthracene	21.50	228	2488	33.829	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.42	149	940	19.956	ng/ul#	92
84) Chrysene	21.55	228	149	2.129	ng/ul#	1
86) Di-n-octyl phthalate	22.44	149	6227	587.337	ng/ul	100
87) Benzo(b)fluoranthene	23.40	252	748942	75630.489	ng/ul	98
88) Benzo(k)fluoranthene	23.40	252	822897	86948.243	ng/ul	98
90) Benzo(a)pyrene	23.83	252	204	21.484	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	26.21	276	372	33.104	ng/ul#	21
92) Dibenzo(a,h)anthracene	26.07	278	75149	8075.465	ng/ul	95
93) Benzo(g,h,i)perylene	26.78	276	85303	9012.811	ng/ul	91

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



#44

Dimethylphthalate

Concen: 6.256 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

Instrument :

BNA_N

ClientSampleId :

C5AB4

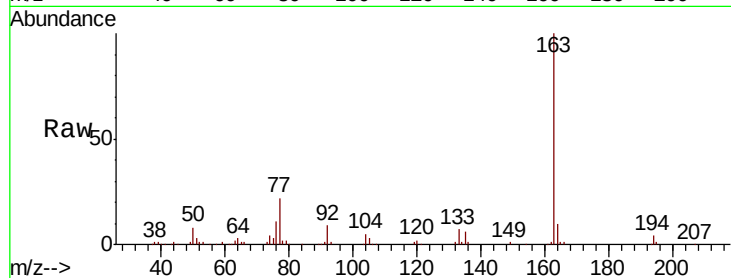
Tgt Ion:163 Resp: 304603

Ion Ratio Lower Upper

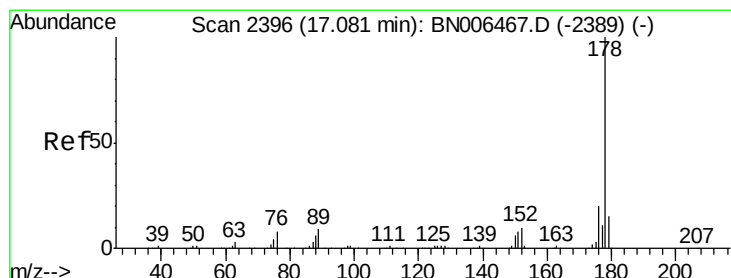
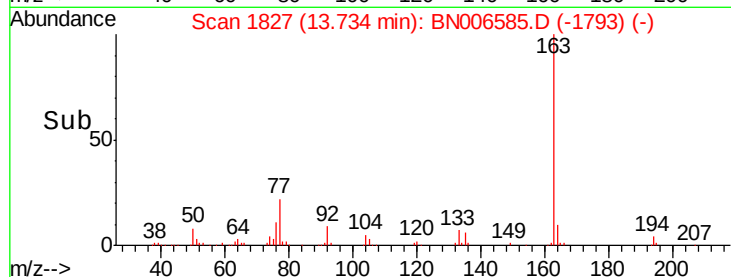
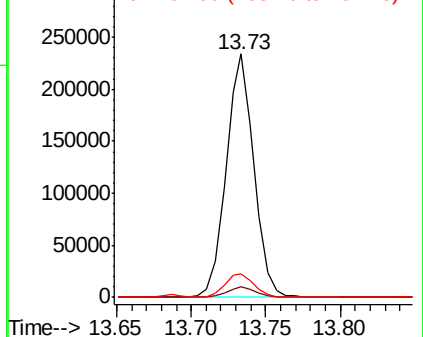
163 100

194 4.3 3.4 5.0

164 9.5 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: 10.268 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

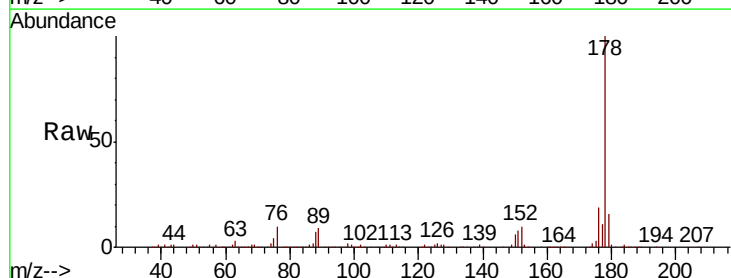
Tgt Ion:178 Resp: 758500

Ion Ratio Lower Upper

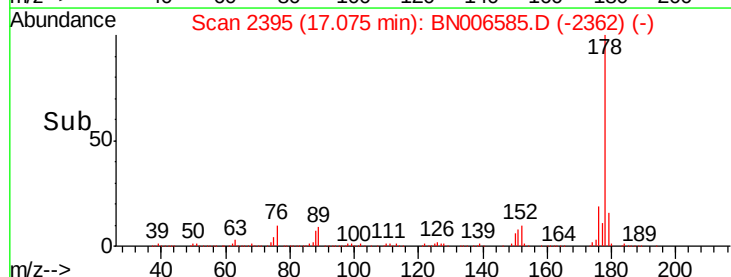
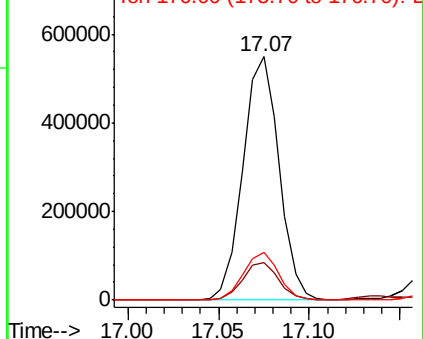
178 100

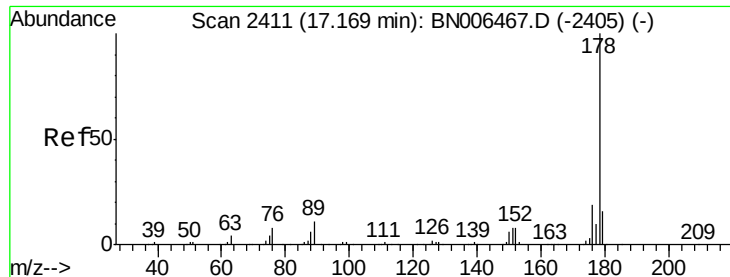
179 15.6 12.5 18.7

176 19.5 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





#71

Anthracene

Concen: 1.269 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

Instrument :

BNA_N

ClientSampleId :

C5AB4

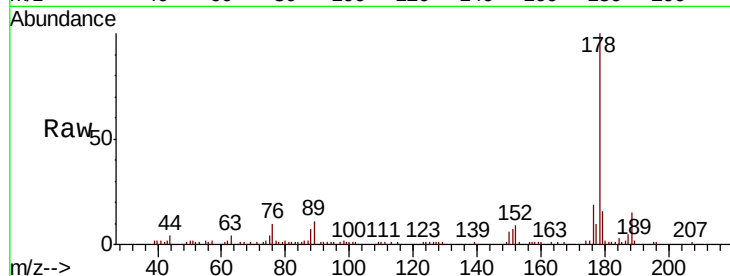
Tgt Ion:178 Resp: 95190

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

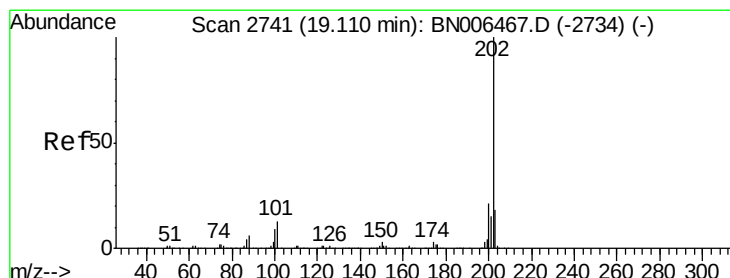
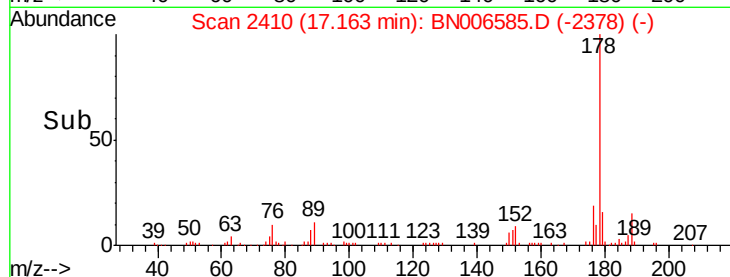
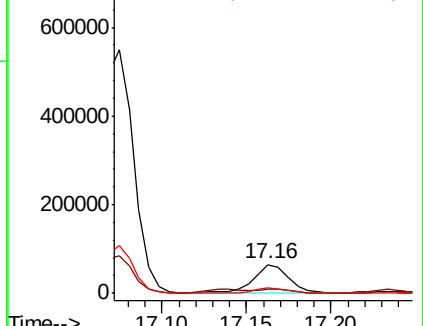
176 18.9 14.7 22.1



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



#76

Fluoranthene

Concen: 24.240 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

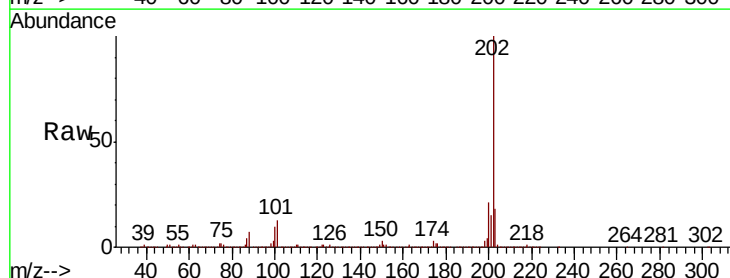
Tgt Ion:202 Resp: 1929850

Ion Ratio Lower Upper

202 100

101 13.4 10.5 15.7

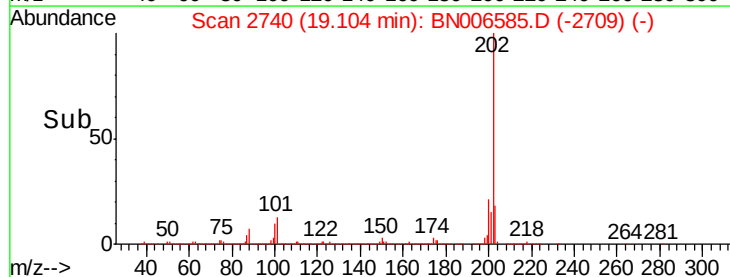
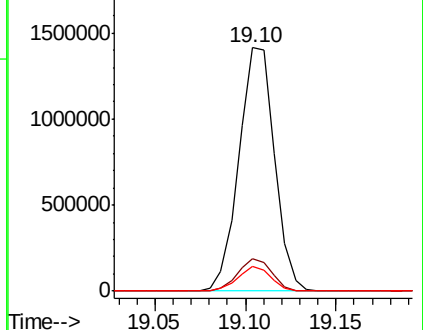
100 9.9 7.6 11.4

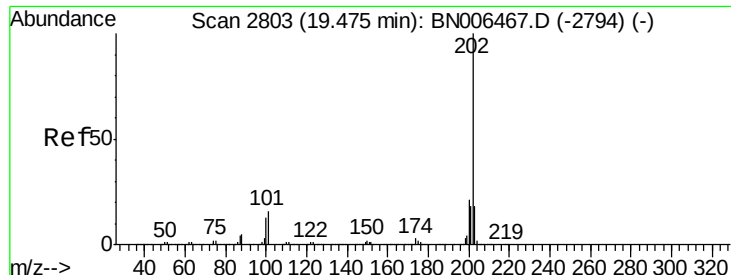


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 21765.692 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.03 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

Instrument :

BNA_N

ClientSampleId :

C5AB4

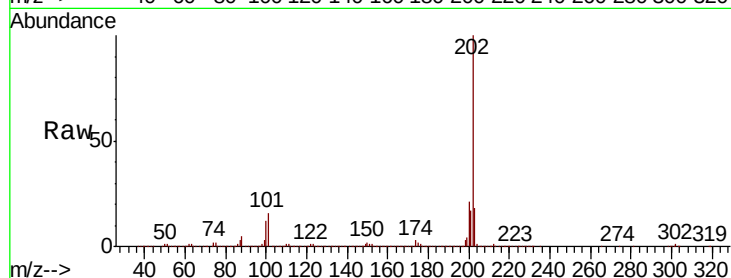
Tgt Ion:202 Resp: 1594541

Ion Ratio Lower Upper

202 100

101 15.5 12.2 18.4

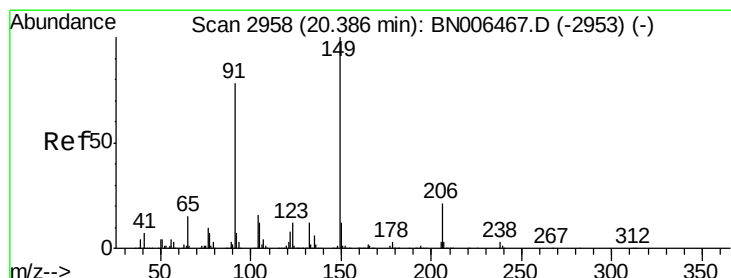
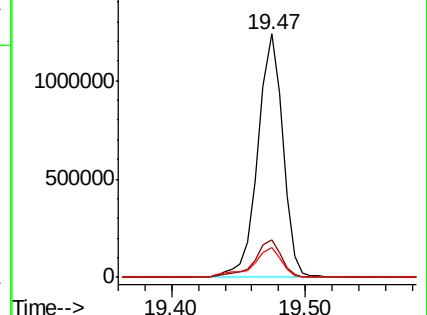
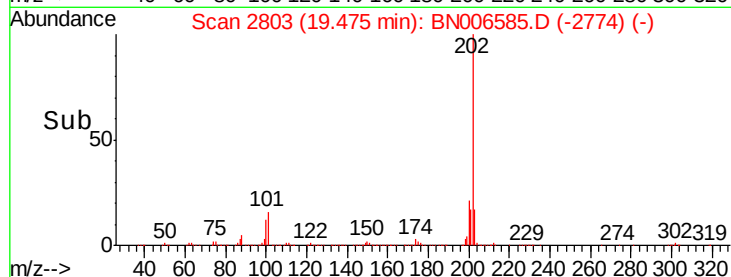
100 12.1 9.8 14.6



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: 87.920 ng/ul

RT: 20.57 min Scan# 2990

Delta R.T. 0.10 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

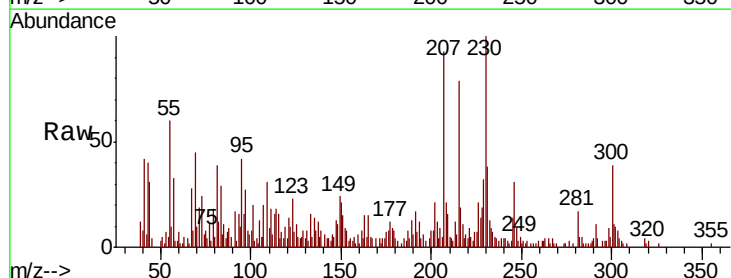
Tgt Ion:149 Resp: 2888

Ion Ratio Lower Upper

149 100

91 69.4 62.7 94.1

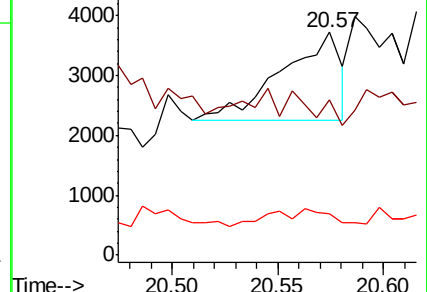
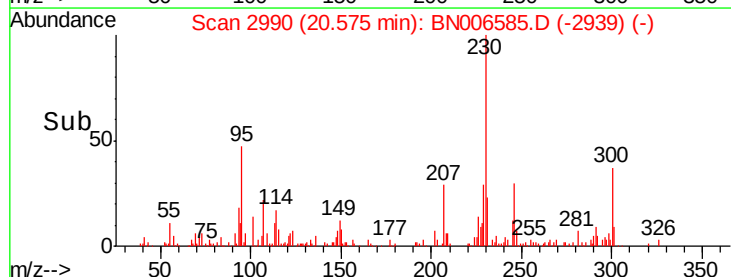
206 18.7 16.3 24.5

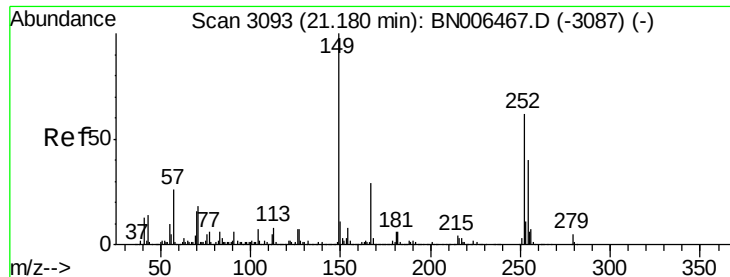


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

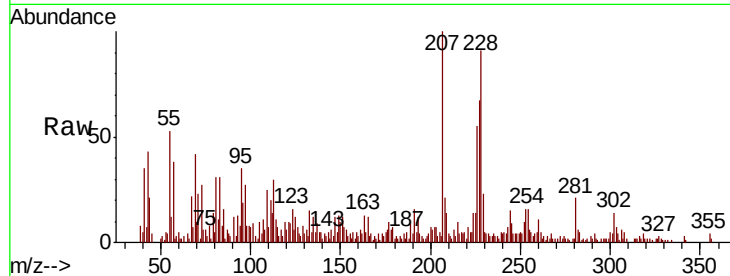




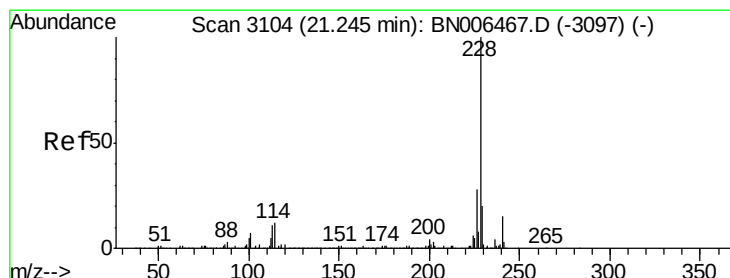
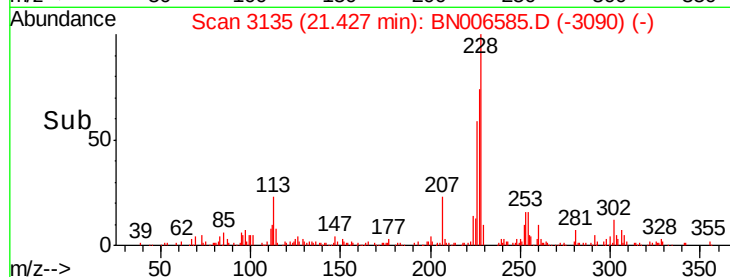
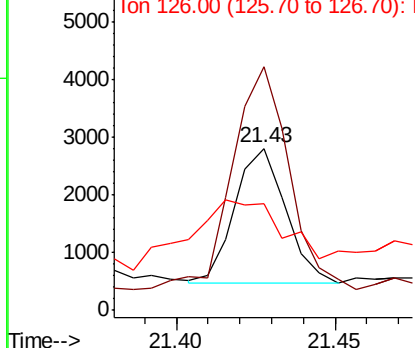
#81
 3,3'-Dichlorobenzidine
 Concen: 114.374 ng/ul
 RT: 21.43 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BN006585.D
 Acq: 26 Jun 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 C5AB4

Tgt Ion:252 Resp: 2602
 Ion Ratio Lower Upper
 252 100
 254 150.6 51.8 77.8#
 126 65.7 9.8 14.8#

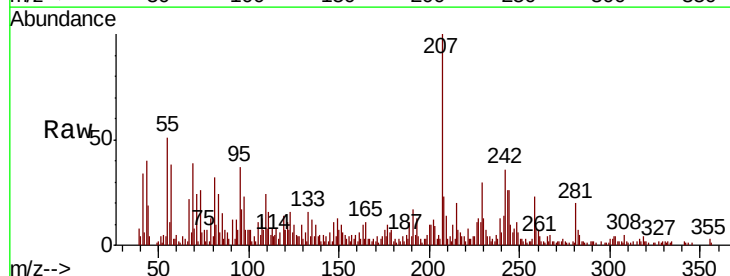


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

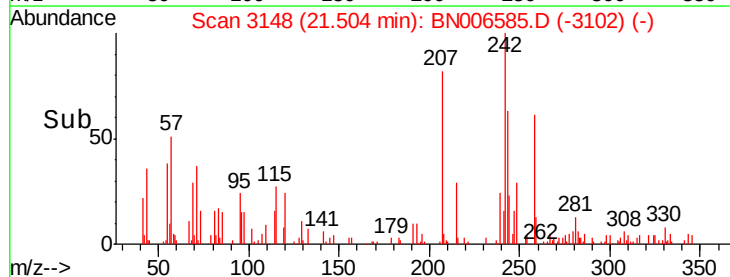
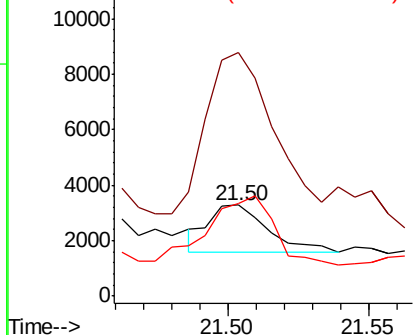


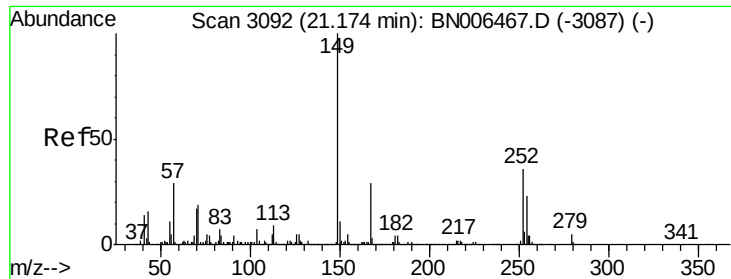
#82
 Benzo(a)anthracene
 Concen: 33.829 ng/ul
 RT: 21.50 min Scan# 3148
 Delta R.T. 0.07 min
 Lab File: BN006585.D
 Acq: 26 Jun 2019 19:20

Tgt Ion:228 Resp: 2488
 Ion Ratio Lower Upper
 228 100
 229 267.1 15.6 23.4#
 226 100.9 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

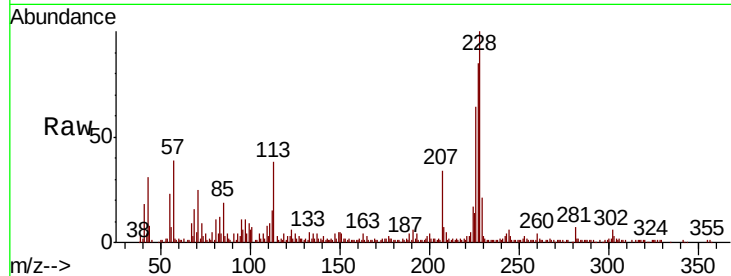




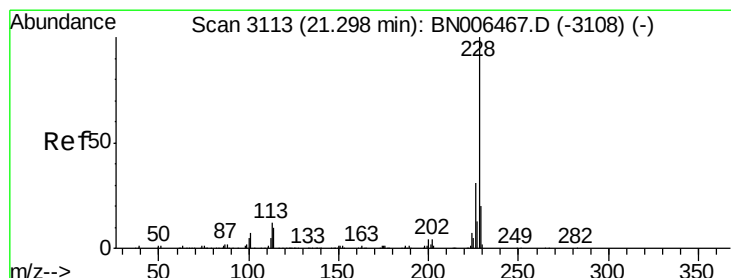
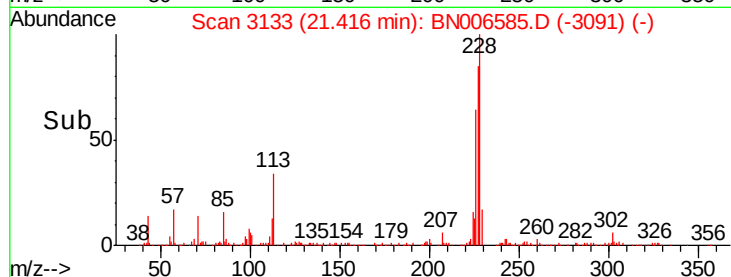
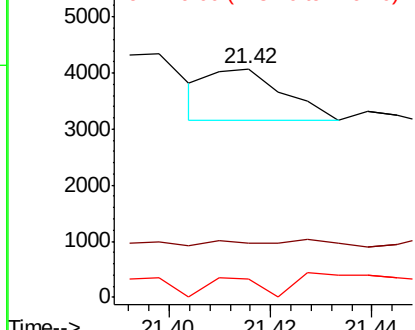
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.956 ng/ul
 RT: 21.42 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BN006585.D
 Acq: 26 Jun 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 C5AB4

Tgt Ion:149 Resp: 940
 Ion Ratio Lower Upper
 149 100
 167 23.6 22.2 33.4
 279 7.8 3.3 4.9#

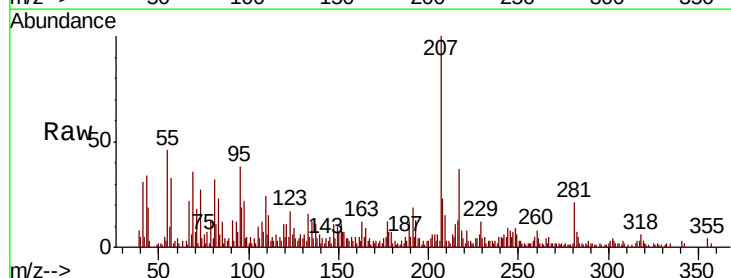


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

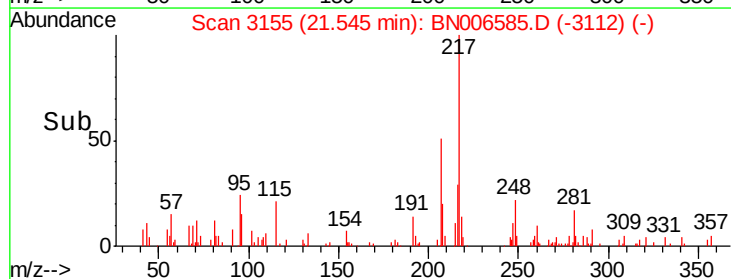
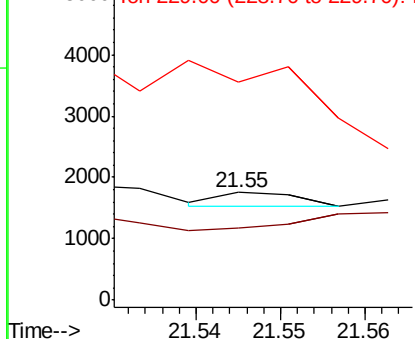


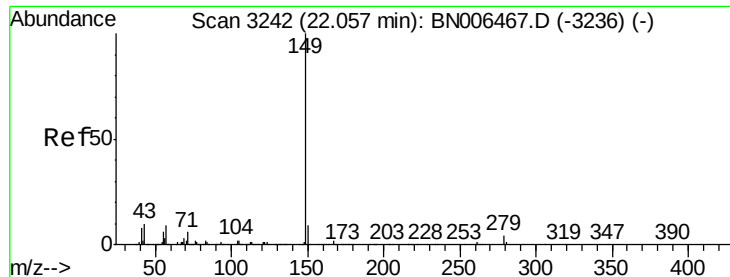
#84
 Chrysene
 Concen: 2.129 ng/ul
 RT: 21.55 min Scan# 3155
 Delta R.T. 0.05 min
 Lab File: BN006585.D
 Acq: 26 Jun 2019 19:20

Tgt Ion:228 Resp: 149
 Ion Ratio Lower Upper
 228 100
 226 66.8 24.2 36.2#
 229 202.8 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





#86

Di-n-octyl phthalate

Concen: 587.337 ng/ul

RT: 22.44 min Scan# 3307

Delta R.T. 0.05 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

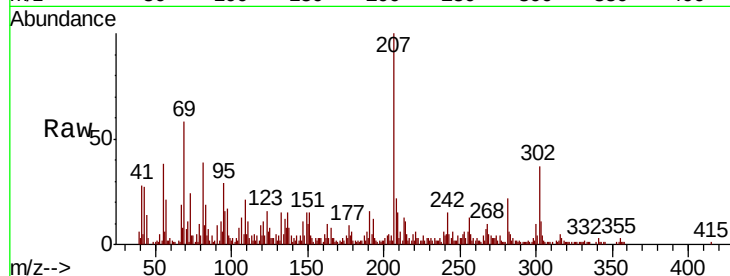
Instrument :

BNA_N

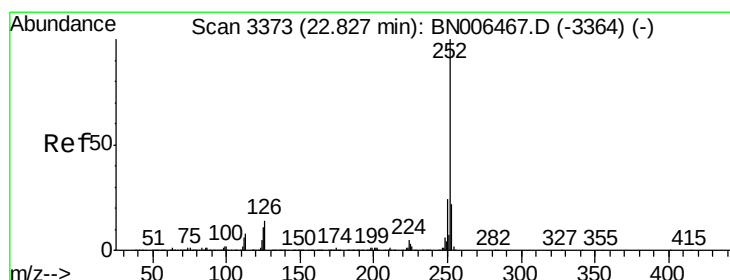
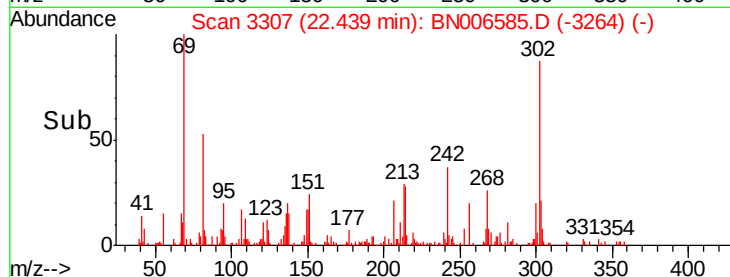
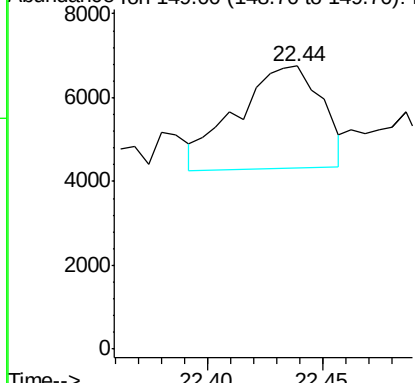
ClientSampleId :

C5AB4

Tgt Ion:149 Resp: 6227



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 75630.489 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.23 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

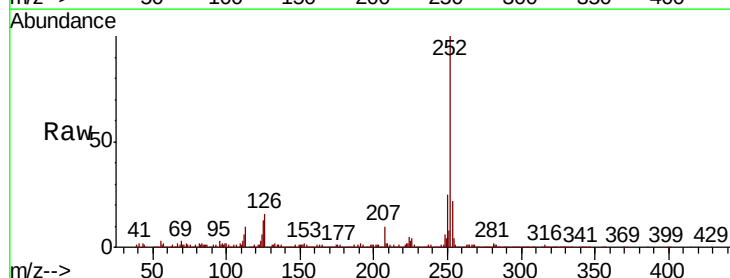
Tgt Ion:252 Resp: 748942

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

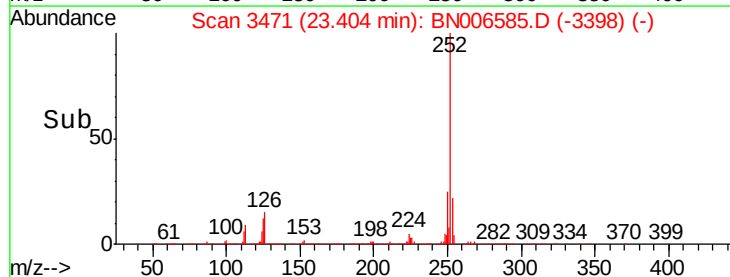
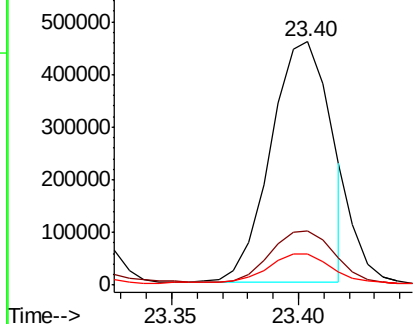
125 12.5 9.0 13.6

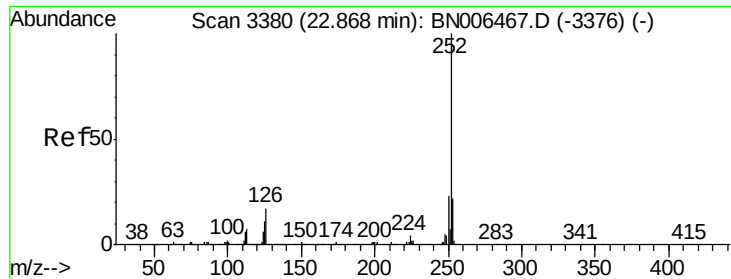


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 86948.243 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.18 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

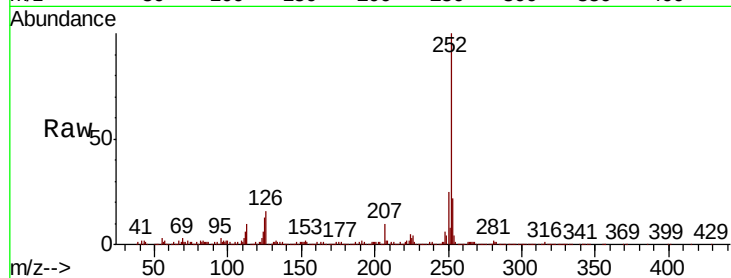
Instrument :

BNA_N

ClientSampleId :

C5AB4

Tgt Ion:	252	Resp:	822897
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.5	9.1	13.7

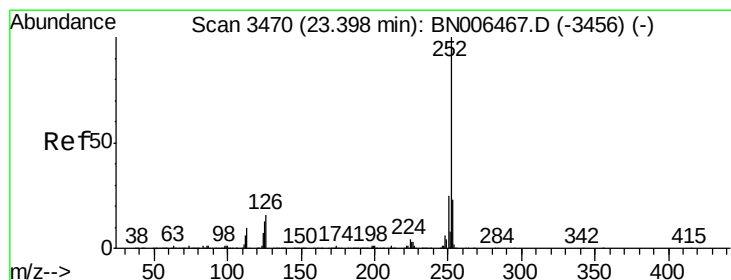
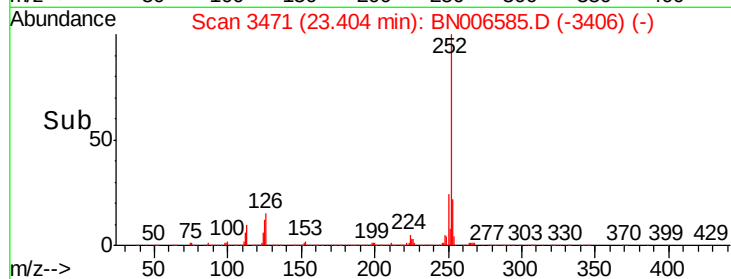
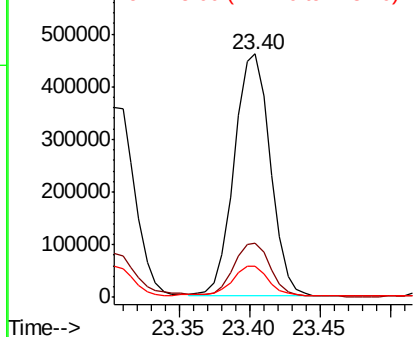


Abundance

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



#90

Benzo(a)pyrene

Concen: 21.484 ng/ul

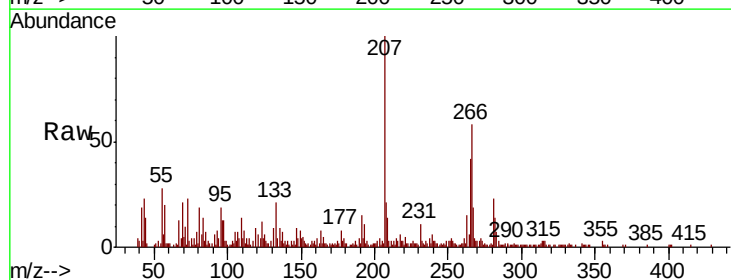
RT: 23.83 min Scan# 3544

Delta R.T. 0.06 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

Tgt Ion:	252	Resp:	204
Ion	Ratio	Lower	Upper
252	100		
253	89.3	17.7	26.5#
125	168.2	10.0	15.0#

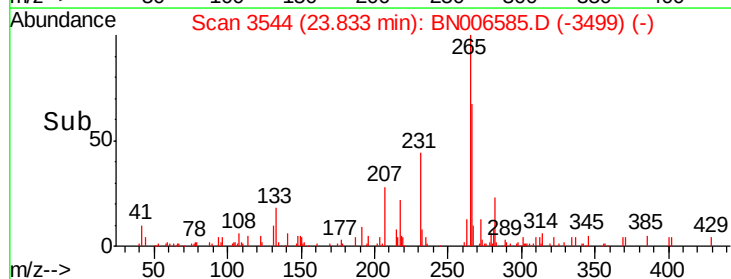
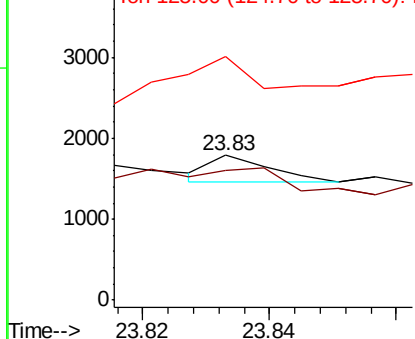


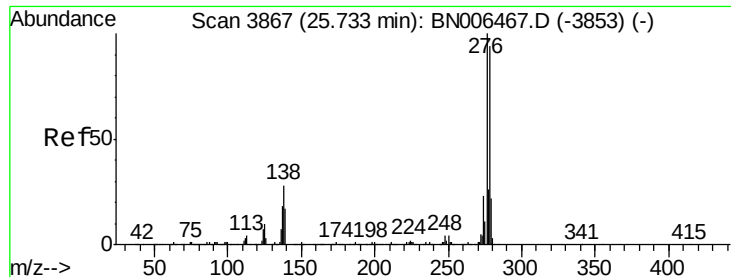
Abundance

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



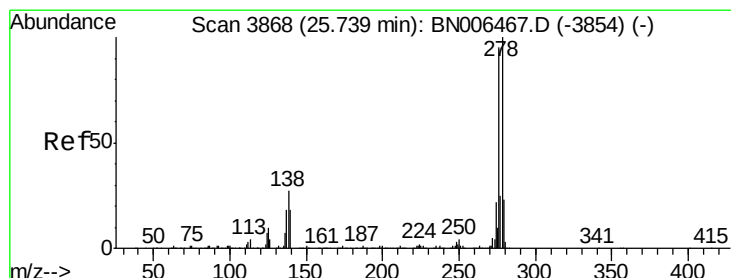
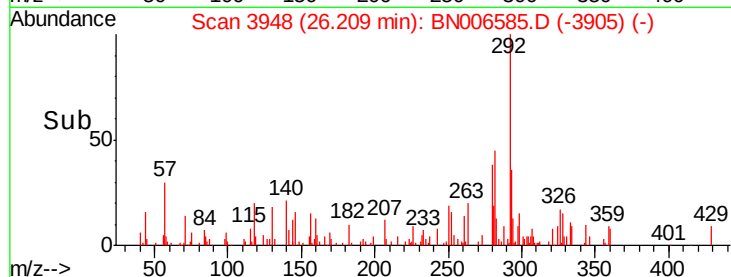
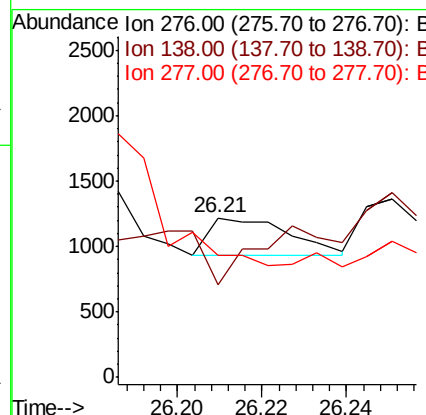
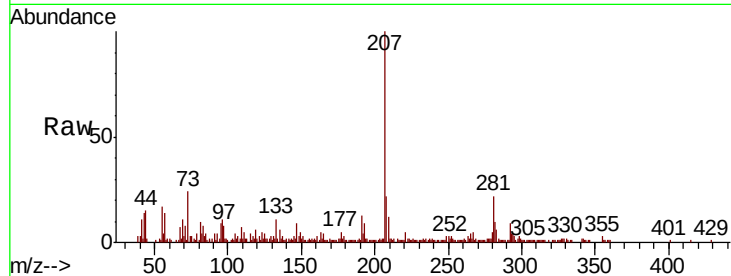


#91

Indeno(1,2,3-cd)pyrene
Concen: 33.104 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. 0.05 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Instrument :
BNA_N
ClientSampled :
C5AB4

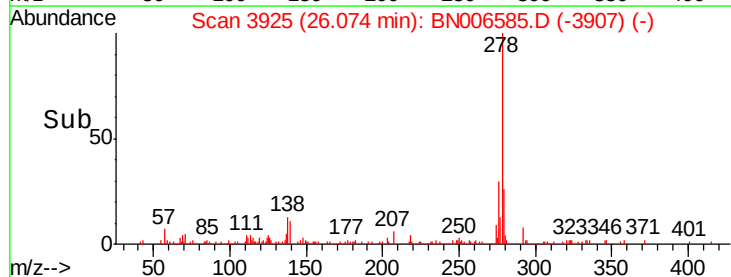
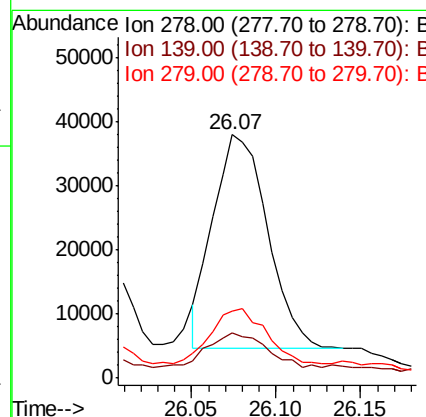
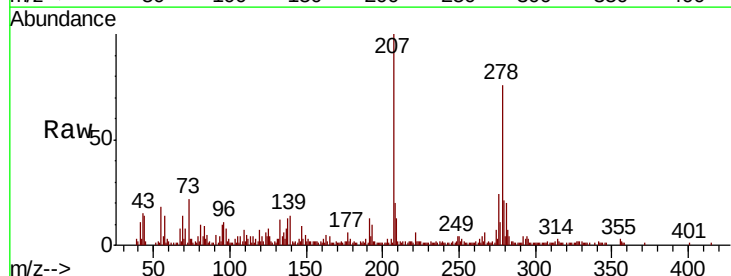
Tgt Ion:276 Resp: 372
Ion Ratio Lower Upper
276 100
138 58.2 22.2 33.4#
277 76.9 20.2 30.4#

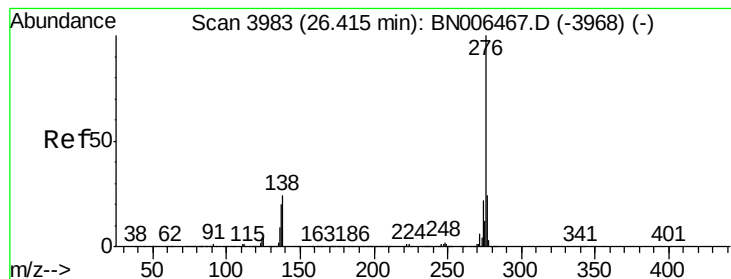


#92

Dibenzo(a,h)anthracene
Concen: 8075.465 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.09 min
Lab File: BN006585.D
Acq: 26 Jun 2019 19:20

Tgt Ion:278 Resp: 75149
Ion Ratio Lower Upper
278 100
139 18.4 14.2 21.4
279 27.6 18.8 28.2





#93

Benzo(g,h,i)perylene

Concen: 9012.811 ng/ul

RT: 26.78 min Scan# 4045

Delta R.T. -0.07 min

Lab File: BN006585.D

Acq: 26 Jun 2019 19:20

Instrument :

BNA_N

ClientSampleId :

C5AB4

Tgt Ion:276 Resp: 85303

Ion Ratio Lower Upper

276 100

138 28.4 19.1 28.7

277 28.4 19.4 29.0

