

Data File : BN009189.D
Acq On : 27 Dec 2019 01:03
Operator : JU
Sample : K6381-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5S3

Quant Time: Dec 27 04:26:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	360609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1627527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	1029444	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	2127936	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1558944	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1436107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	38685	4.90	ng/uL	0.00
5) Phenol-d5	6.72	99	960713	28.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	624507	28.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	743335	30.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	789681	28.53	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	389147	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	440863	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	763879	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	965067	31.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2250884	29.11	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2886027	31.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	432047	28.10	ng/ul	0.00
57) Fluorene-d10	15.15	176	1999419	29.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	221689	16.70	ng/ul	0.00
70) Anthracene-d10	17.00	188	3003154	30.34	ng/ul	0.00
78) Pyrene-d10	19.30	212	3083657	37.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.11	264	2277807	31.48	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.68	77	34547	1.607	ng/ul	97
28) Naphthalene	10.33	128	108072	1.244	ng/ul	100
44) Dimethylphthalate	13.62	163	233608	2.954	ng/ul	99
69) Phenanthrene	16.95	178	1113230	9.489	ng/ul	99
71) Anthracene	17.03	178	220080	1.823	ng/ul	97
74) Carbazole	17.30	167	109148	1.046	ng/ul	98
76) Fluoranthene	18.97	202	1873234	13.824	ng/ul	99
79) Pyrene	19.33	202	1540394	14.247	ng/ul	99
82) Benzo(a)anthracene	21.09	228	751050	7.130	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.05	149	451907	6.200	ng/ul	99
84) Chrysene	21.14	228	740202	7.312	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	896450	10.213	ng/ul	97
88) Benzo(k)fluoranthene	22.62	252	896450	10.458	ng/ul	98
90) Benzo(a)pyrene	23.15	252	492584	6.112	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.33	276	315965	3.236	ng/ul	94
92) Dibenzo(a,h)anthracene	25.34	278	92700	1.125	ng/ul#	93
93) Benzo(g,h,i)perylene	25.97	276	302837	3.707	ng/ul	98

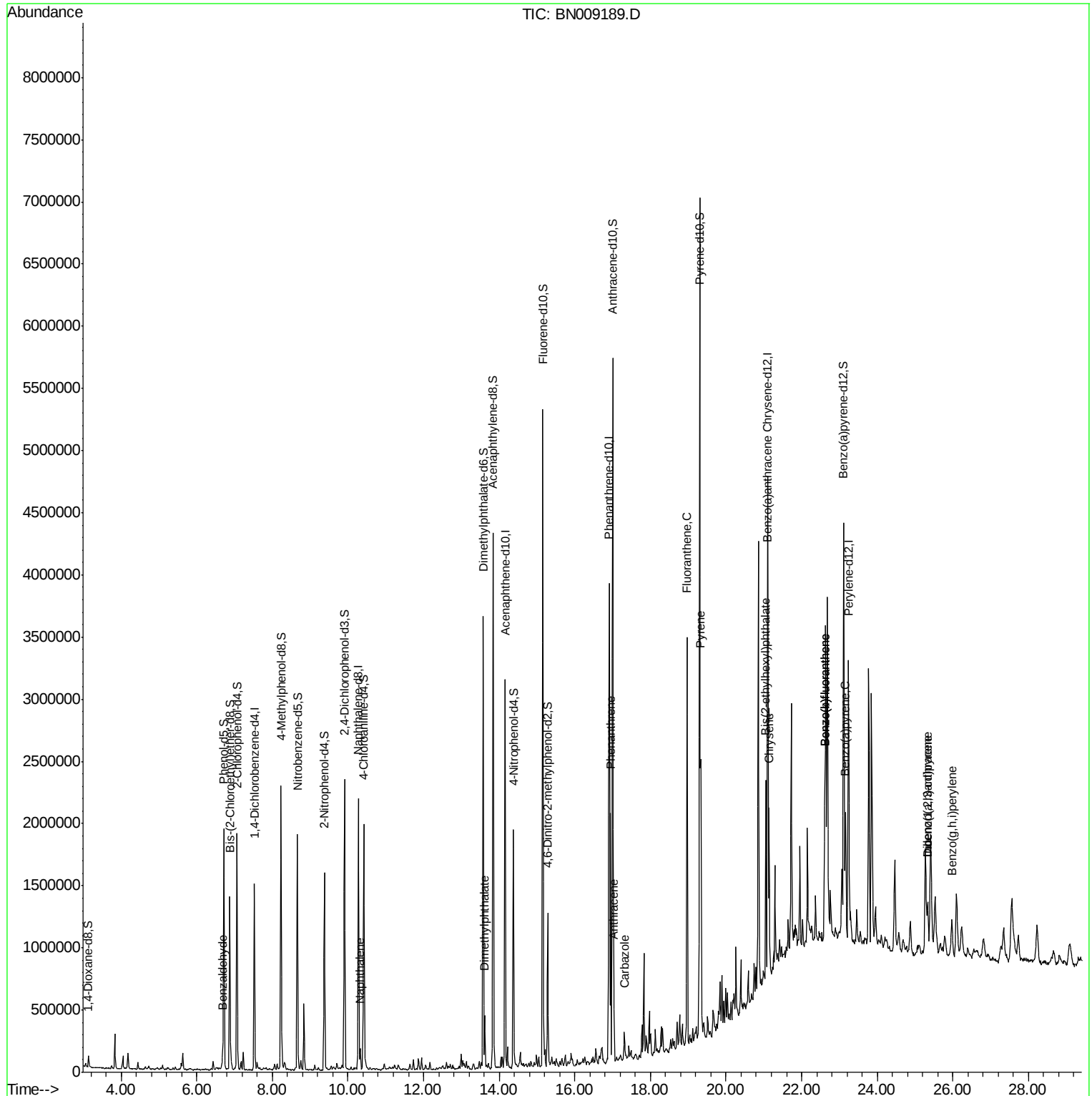
(#) = qualifier out of range (m) = manual integration (+) = signals summed

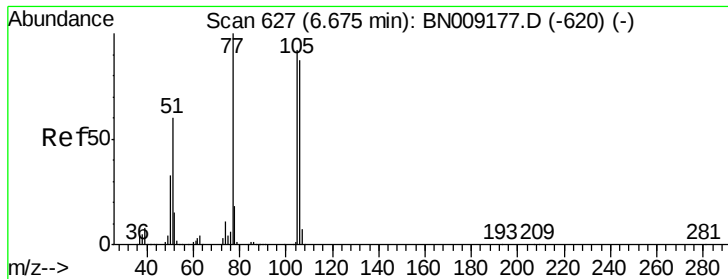
Data File : BN009189.D

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Quant Title : SVOA CALIBRATION
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#4

Benzaldehyde

Concen: 1.607 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. 0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

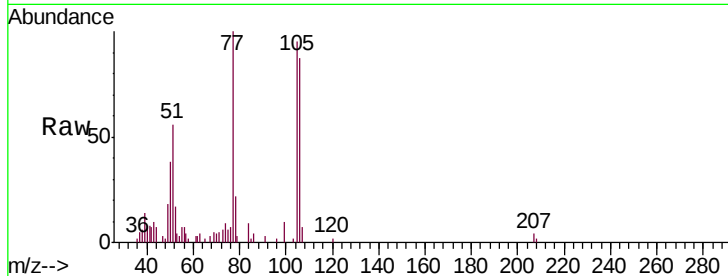
Tgt Ion: 77 Resp: 34547

Ion Ratio Lower Upper

77 100

105 95.0 73.9 110.9

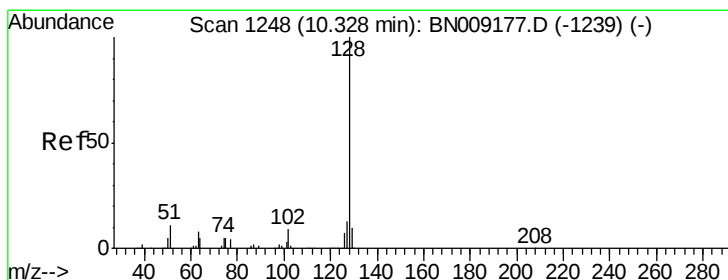
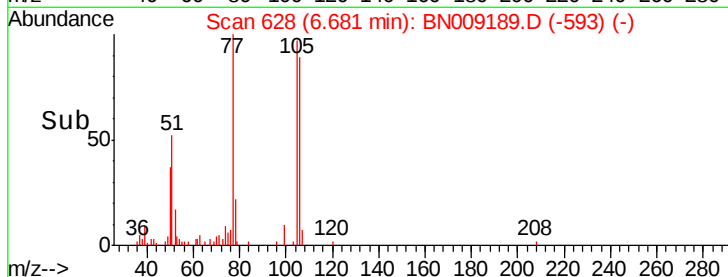
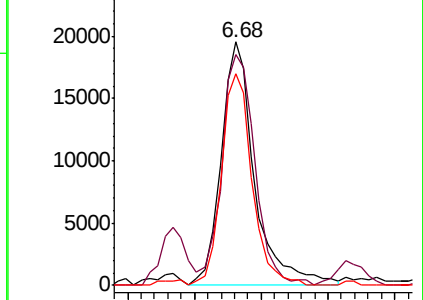
106 87.0 72.1 108.1



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#28

Naphthalene

Concen: 1.244 ng/ul

RT: 10.33 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

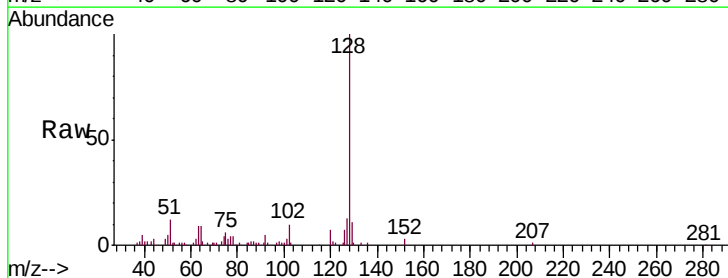
Tgt Ion: 128 Resp: 108072

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

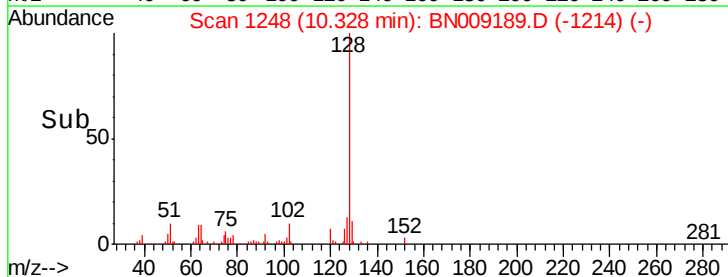
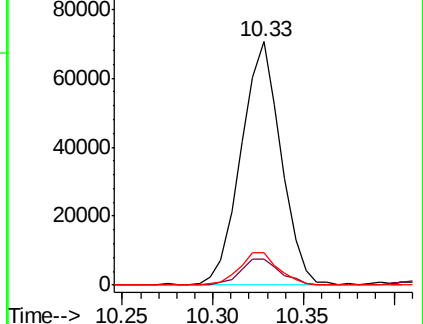
127 13.2 10.4 15.6

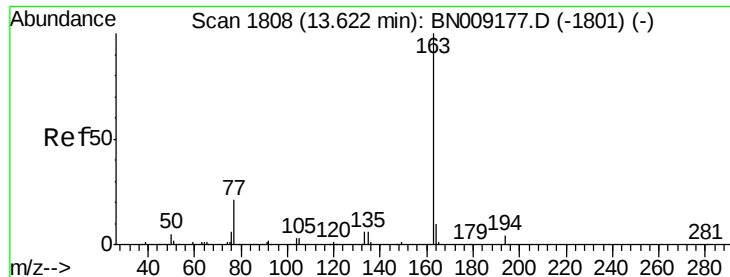


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

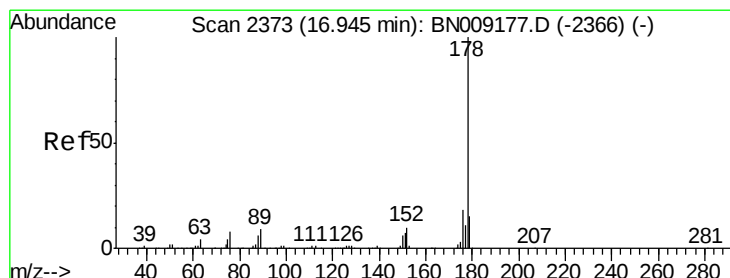
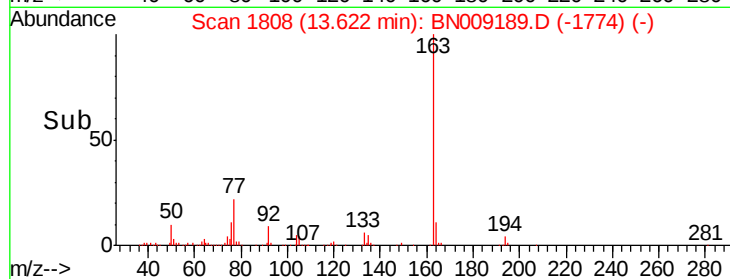
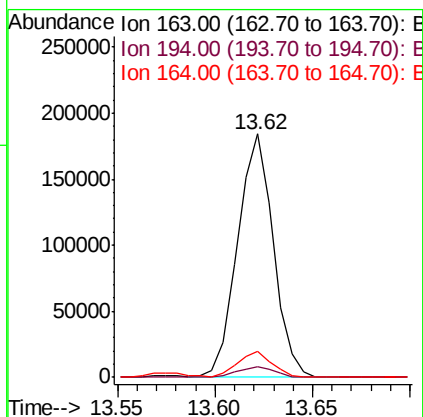
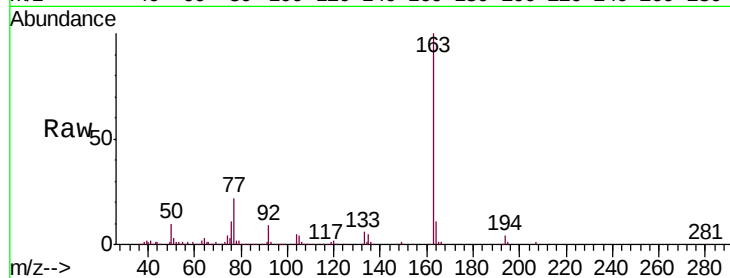




#44
Dimethylphthalate
Concen: 2.954 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

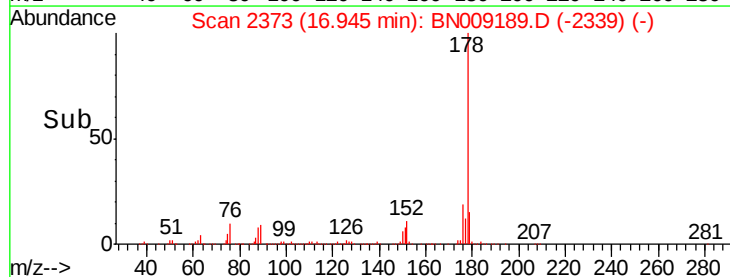
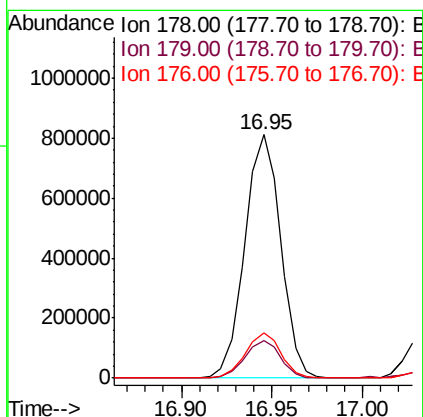
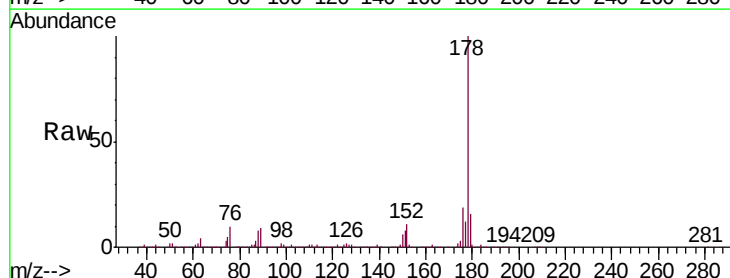
Instrument :
BNA_N
ClientSampleId :
CB5S3

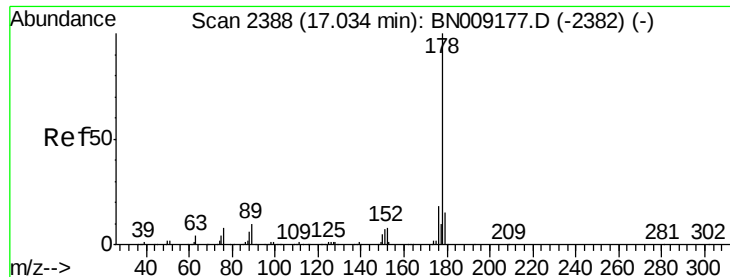
Tgt Ion:163 Resp: 233608
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.3 12.5



#69
Phenanthrene
Concen: 9.489 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Tgt Ion:178 Resp: 1113230
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 18.8 15.2 22.8





#71

Anthracene

Concen: 1.823 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

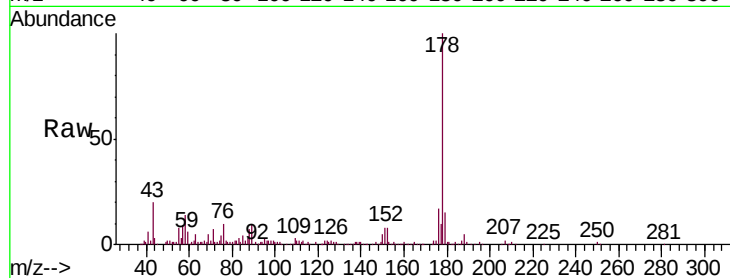
Tgt Ion:178 Resp: 220080

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

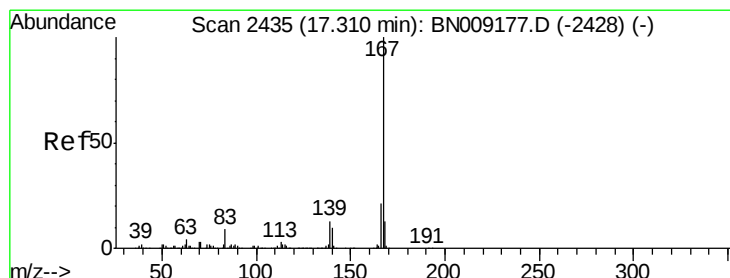
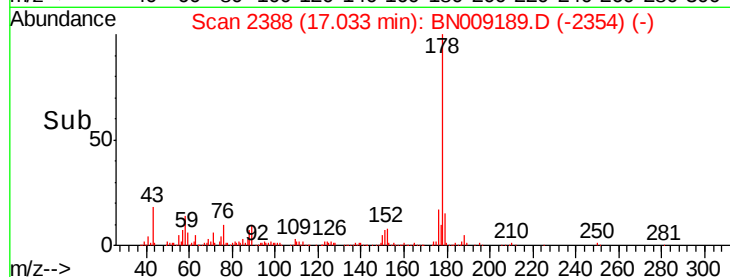
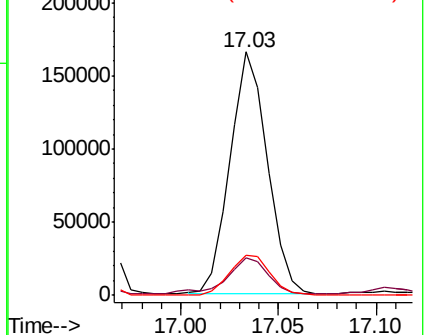
176 16.7 14.8 22.2



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



#74

Carbazole

Concen: 1.046 ng/ul

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

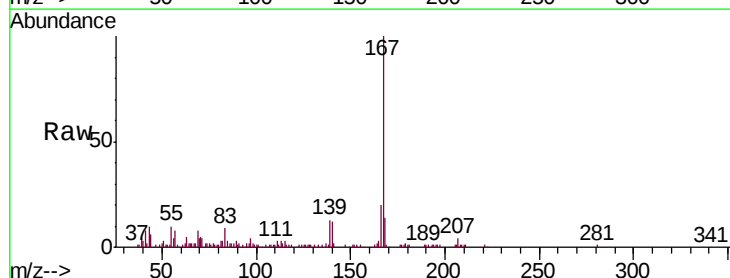
Tgt Ion:167 Resp: 109148

Ion Ratio Lower Upper

167 100

166 19.7 16.8 25.2

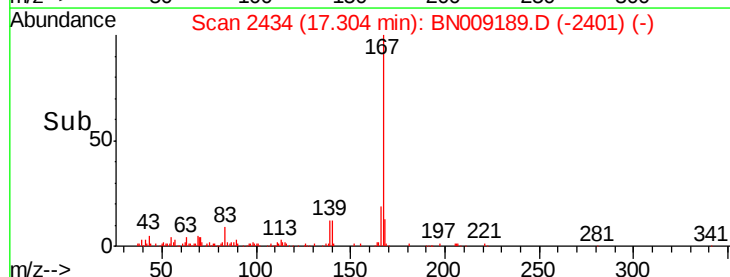
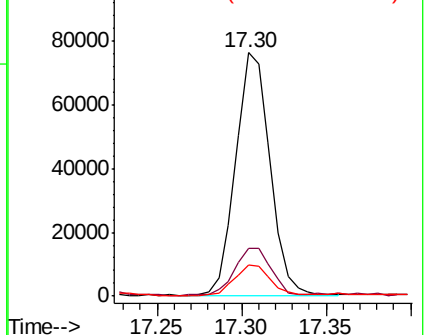
139 12.8 10.6 15.8

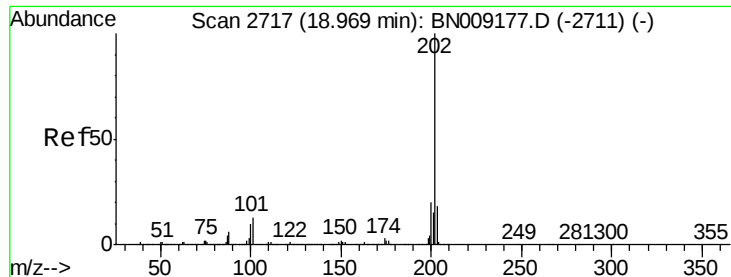


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 13.824 ng/ul

RT: 18.97 min Scan# 2717

Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

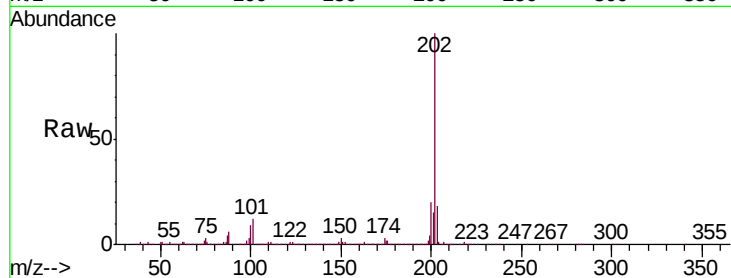
Tgt Ion:202 Resp: 1873234

Ion Ratio Lower Upper

202 100

101 12.2 9.3 13.9

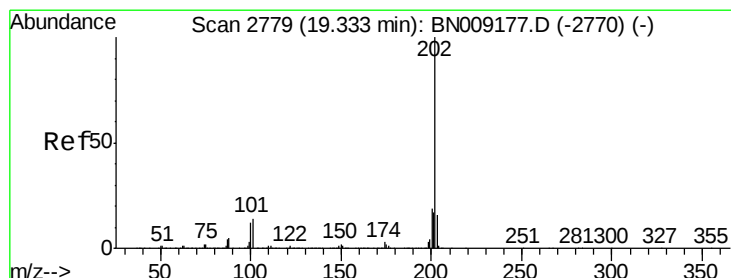
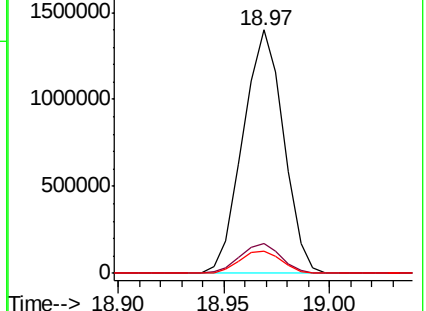
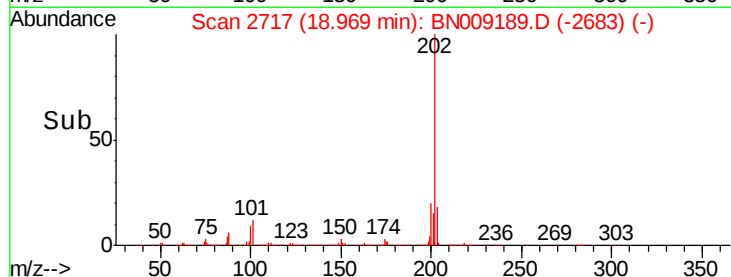
100 9.3 7.6 11.4



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: 14.247 ng/ul

RT: 19.33 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

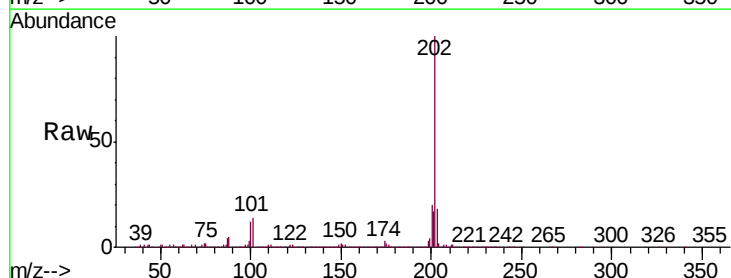
Tgt Ion:202 Resp: 1540394

Ion Ratio Lower Upper

202 100

101 14.1 11.1 16.7

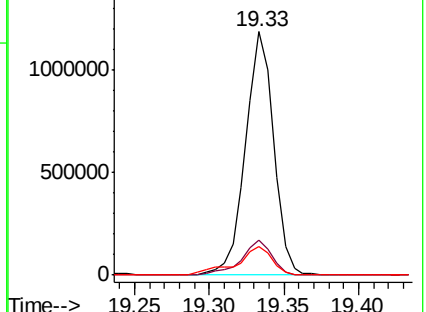
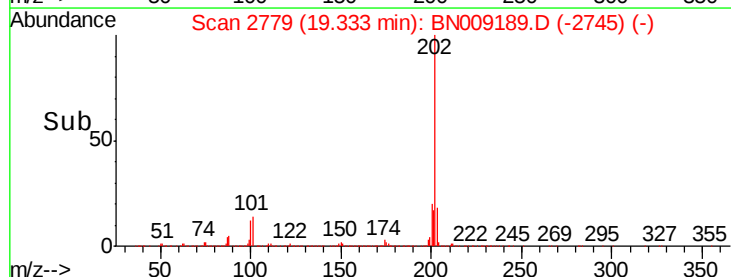
100 11.7 9.0 13.4

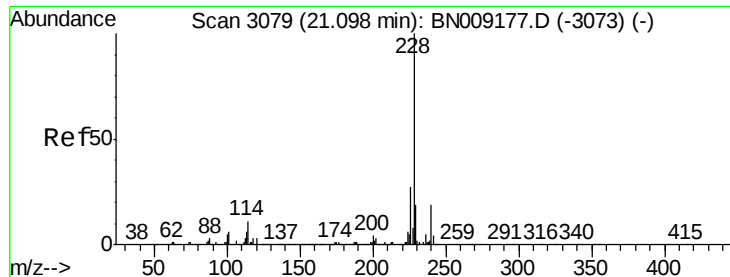


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 7.130 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

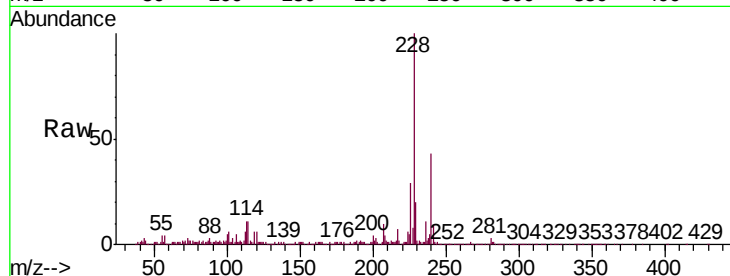
Tgt Ion:228 Resp: 751050

Ion Ratio Lower Upper

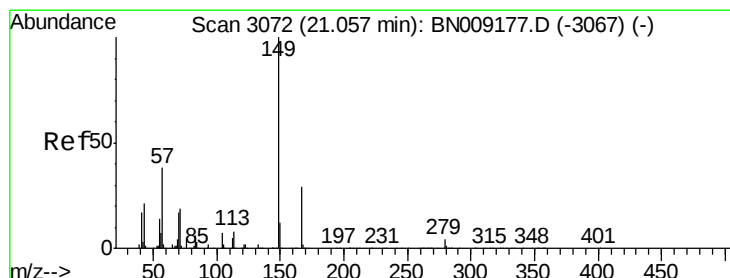
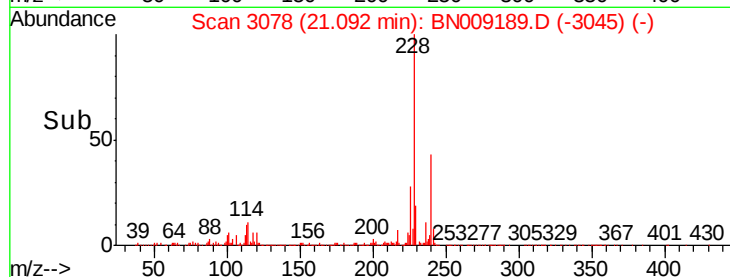
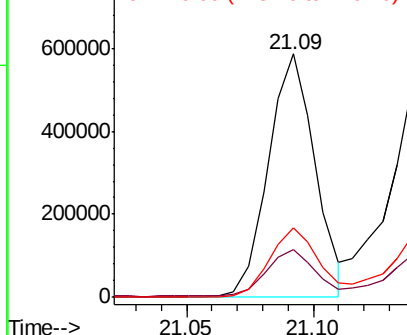
228 100

229 19.7 15.2 22.8

226 28.6 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.200 ng/ul

RT: 21.05 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

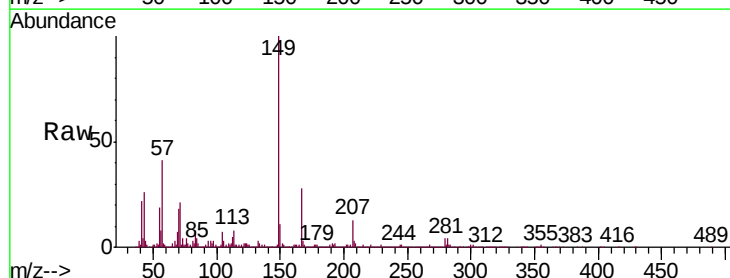
Tgt Ion:149 Resp: 451907

Ion Ratio Lower Upper

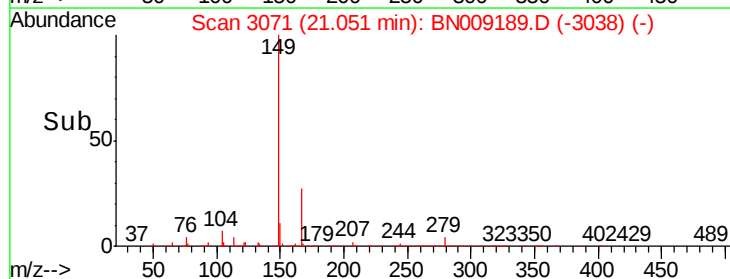
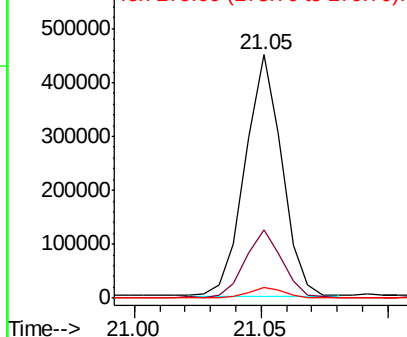
149 100

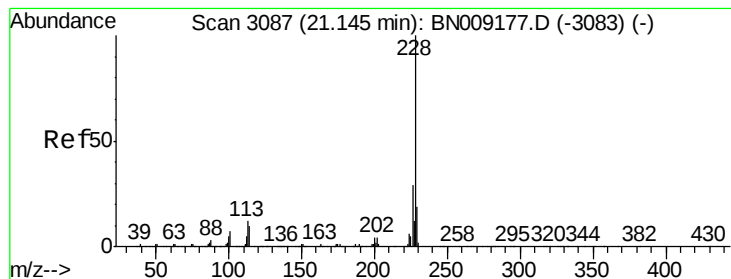
167 28.2 22.2 33.2

279 4.5 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 7.312 ng/u1

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

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CB5S3

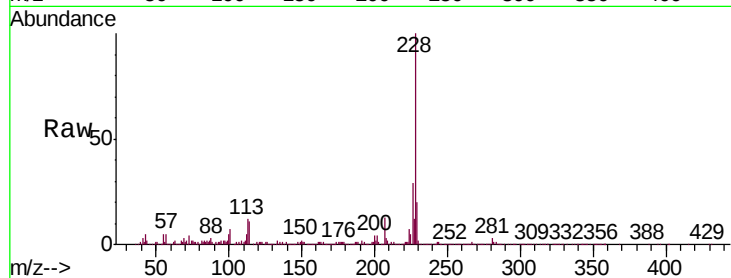
Tgt Ion:228 Resp: 740202

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

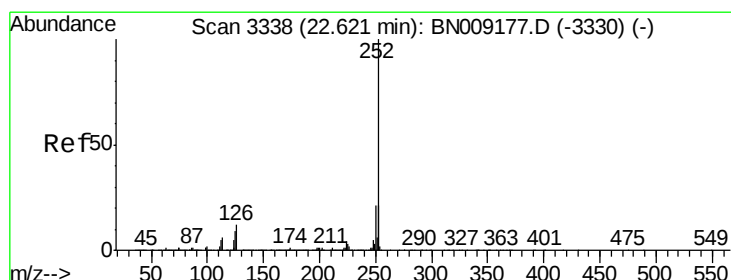
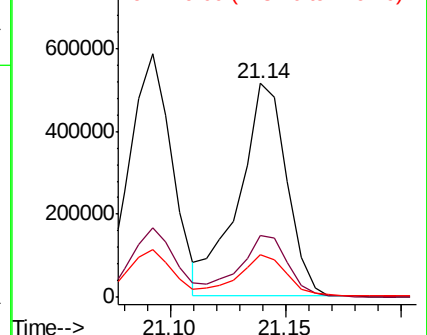
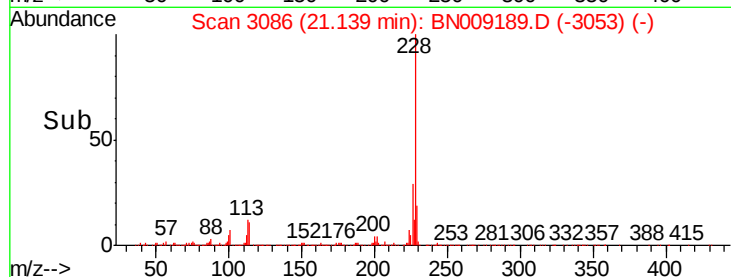
229 19.6 15.9 23.9



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: 10.213 ng/u1

RT: 22.62 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

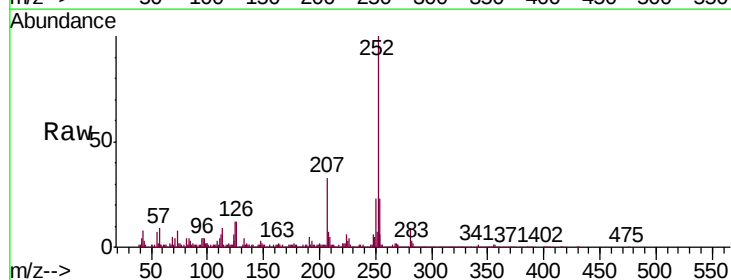
Tgt Ion:252 Resp: 896450

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

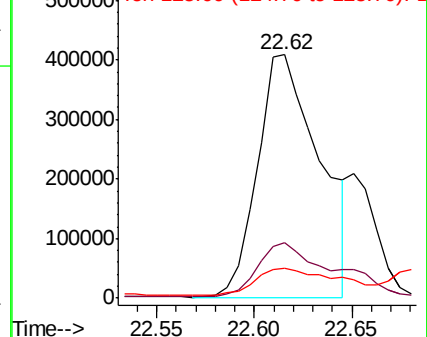
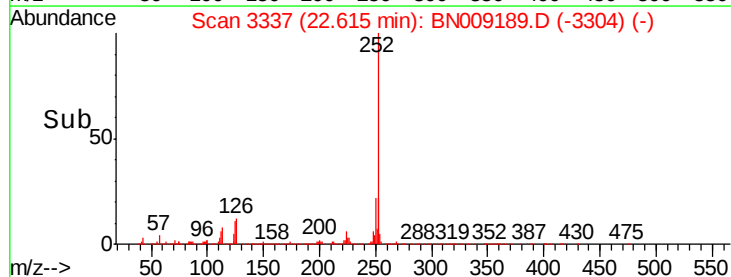
125 12.2 8.5 12.7

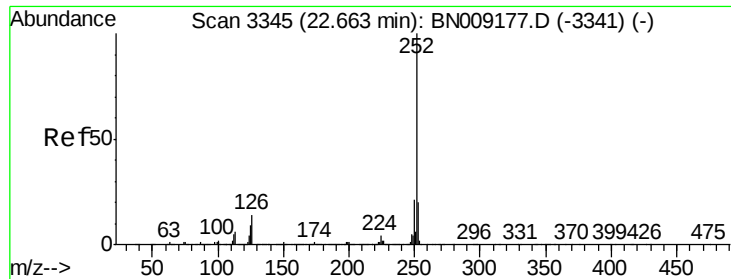


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 10.458 ng/ul

RT: 22.62 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

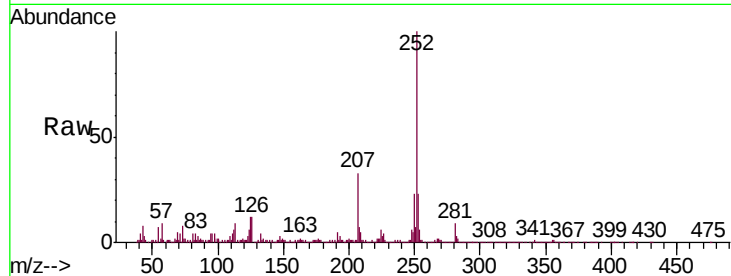
Tgt Ion:252 Resp: 896450

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

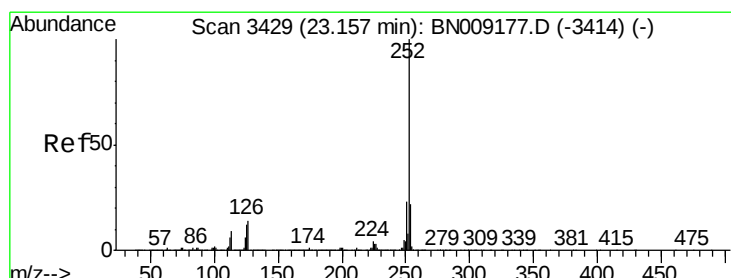
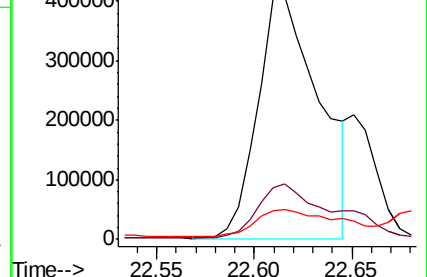
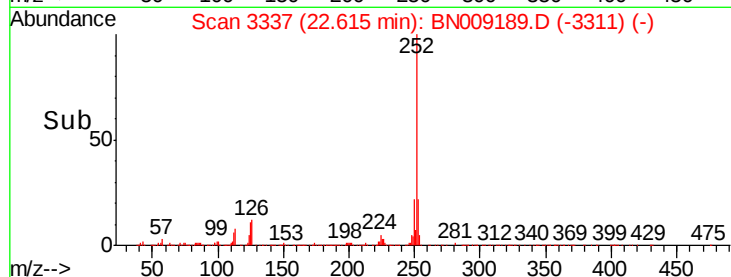
125 12.2 8.8 13.2



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



#90

Benzo(a)pyrene

Concen: 6.112 ng/ul

RT: 23.15 min Scan# 3428

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

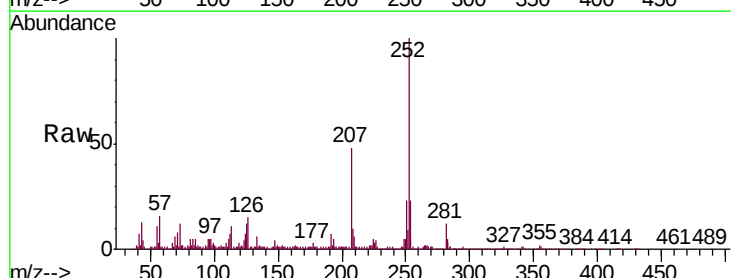
Tgt Ion:252 Resp: 492584

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

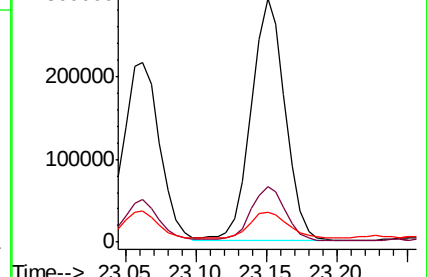
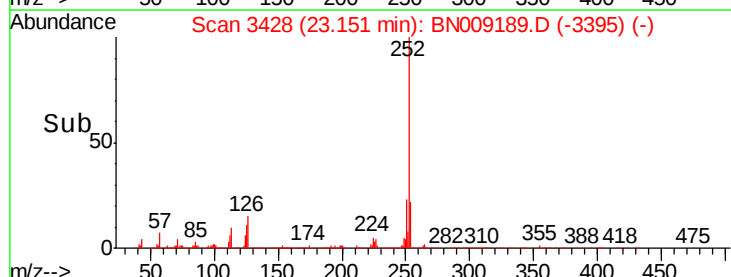
125 12.4 9.5 14.3

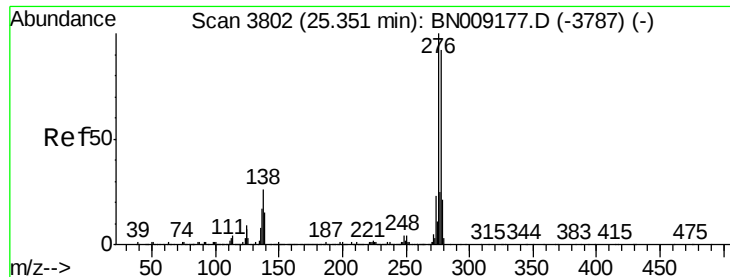


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



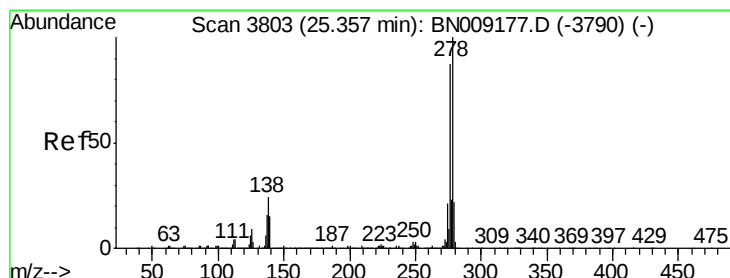
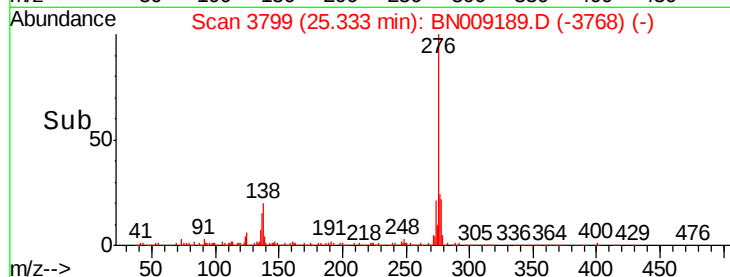
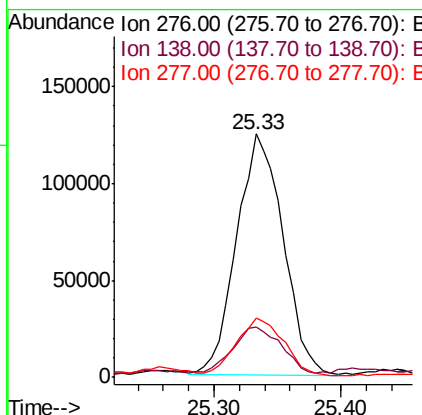
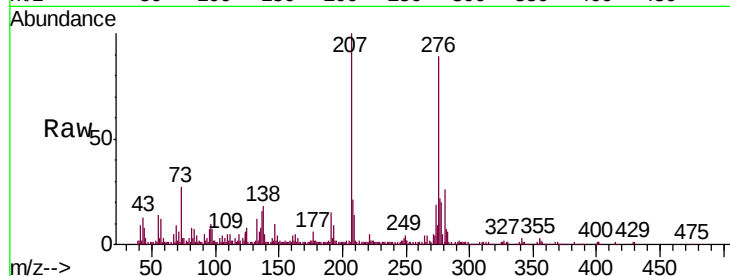


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.236 ng/ul
RT: 25.33 min Scan# 3799
Delta R.T. -0.02 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Instrument :
BNA_N
ClientSampleId :
CB5S3

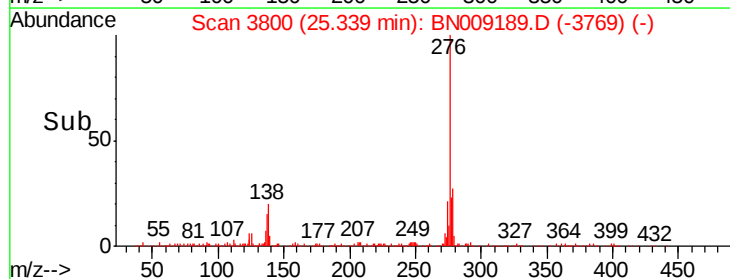
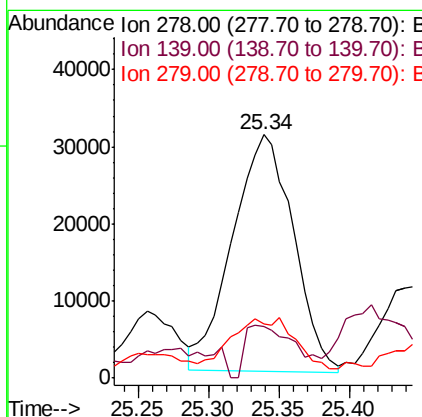
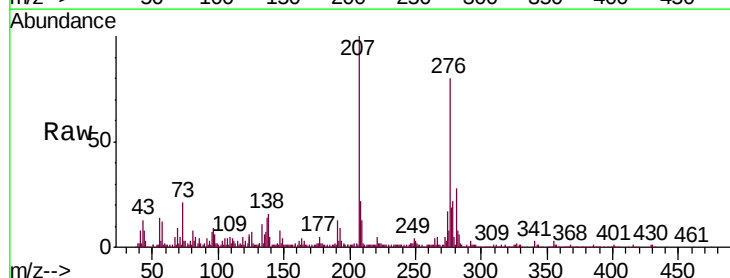
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.5	30.7
277	24.5	20.2	30.4

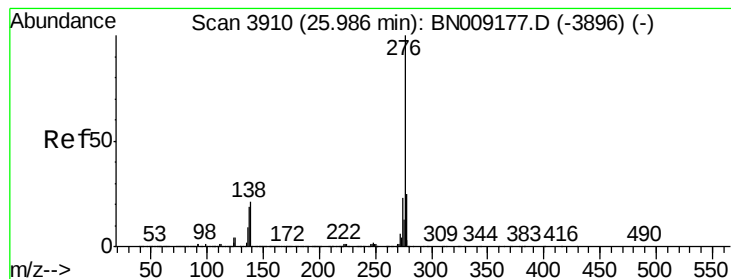


#92

Dibenzo(a,h)anthracene
Concen: 1.125 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.02 min
Lab File: BN009189.D
Acq: 27 Dec 2019 01:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.4	18.6#
279	22.5	19.0	28.6





#93

Benzo(g,h,i)perylene

Concen: 3.707 ng/ul

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BN009189.D

Acq: 27 Dec 2019 01:03

Instrument :

BNA_N

ClientSampleId :

CB5S3

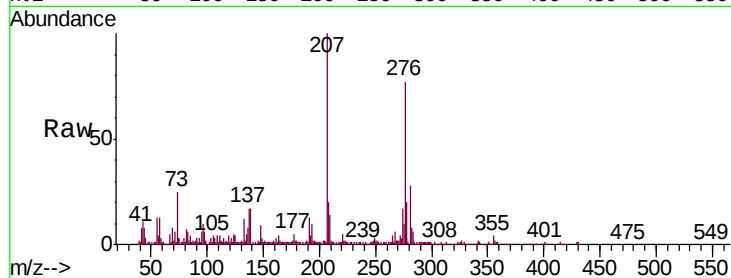
Tgt Ion: 276 Resp: 302837

Ion Ratio Lower Upper

276 100

138 22.5 17.8 26.6

277 25.6 18.9 28.3



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

