

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122719\
 Data File : BN009194.D
 Acq On : 27 Dec 2019 14:48
 Operator : JU
 Sample : K6381-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5S2

Quant Time: Dec 27 15:25:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 27 14:58:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	250353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	989489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	590061	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.89	188	1141859	20.00	ng/ul	0.00
77) Chrysene-d12	21.09	240	1013622	20.00	ng/ul	0.00
85) Perylene-d12	23.22	264	1108809	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	25497	4.65	ng/uL	0.00
5) Phenol-d5	6.70	99	451650	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	308291	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	352639	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	349773	18.20	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	170411	22.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	191807	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	331218	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	424733	22.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	921441	20.79	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	1149873	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	156860	17.80	ng/ul	0.00
57) Fluorene-d10	15.14	176	790304	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	123498	17.34	ng/ul	0.00
70) Anthracene-d10	16.99	188	1141470	21.49	ng/ul	0.00
78) Pyrene-d10	19.29	212	1240419	23.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.09	264	1246594	22.31	ng/ul	0.00

Target Compounds

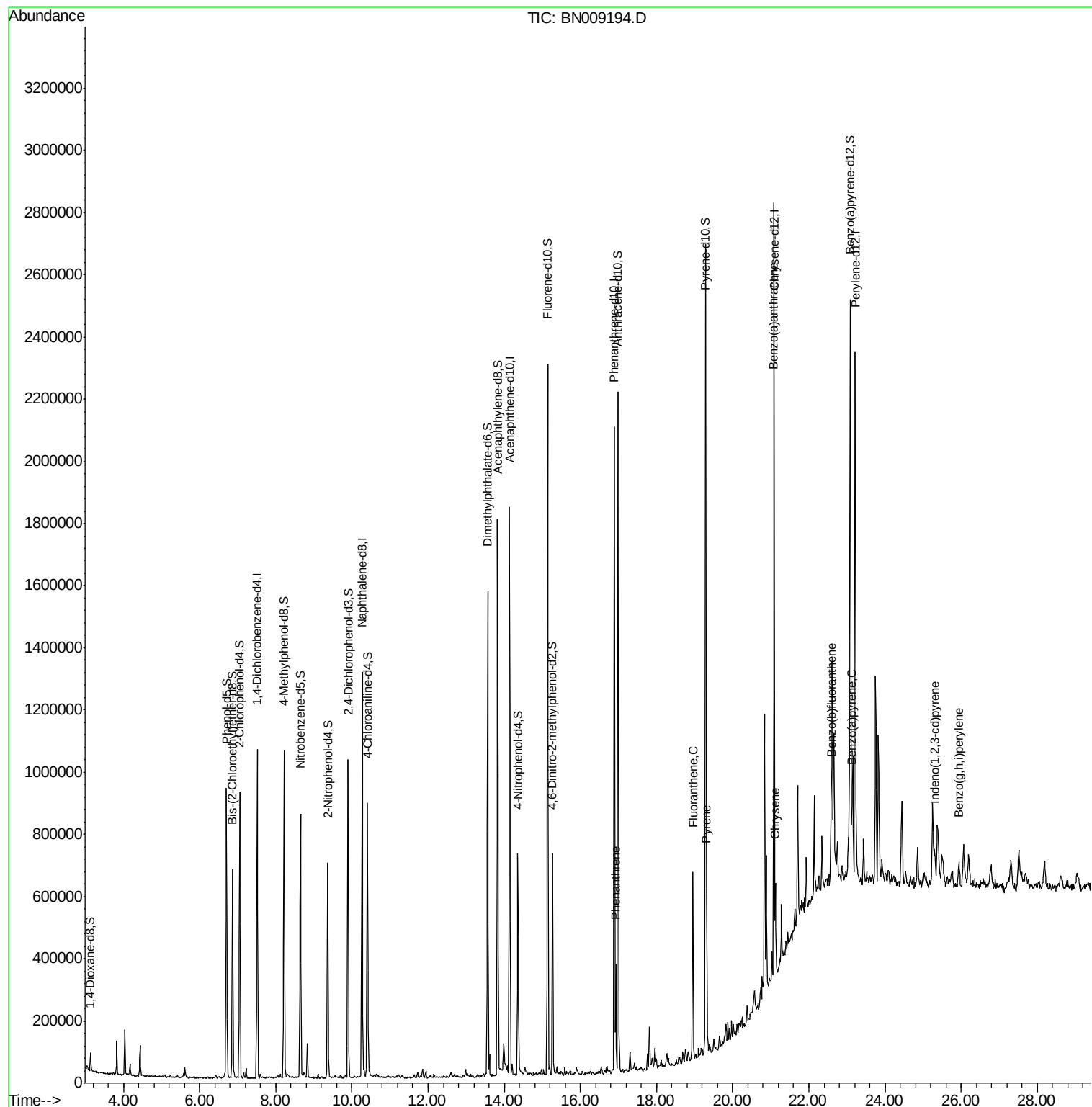
					Ovalue
69) Phenanthrene	16.93	178	194219	3.085 ng/ul	99
76) Fluoranthene	18.95	202	336619	4.629 ng/ul	98
79) Pyrene	19.32	202	286416	4.074 ng/ul	98
82) Benzo(a)anthracene	21.07	228	159297	2.326 ng/ul	94
84) Chrysene	21.12	228	162753	2.473 ng/ul	99
87) Benzo(b)fluoranthene	22.59	252	200545	2.959 ng/ul	97
90) Benzo(a)pyrene	23.12	252	121154	1.947 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.31	276	82344	1.092 ng/ul	93
93) Benzo(a,h,i)perylene	25.94	276	81384	1.290 ng/ul	97

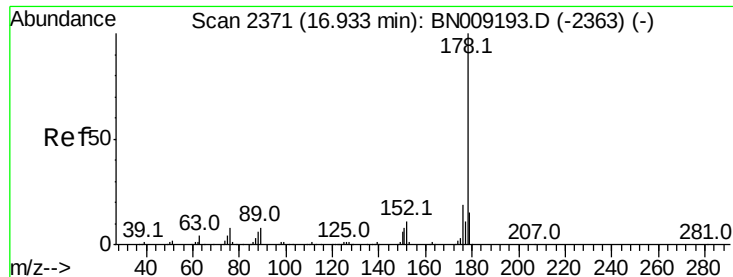
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 3.085 ng/ul

RT: 16.93 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Instrument :

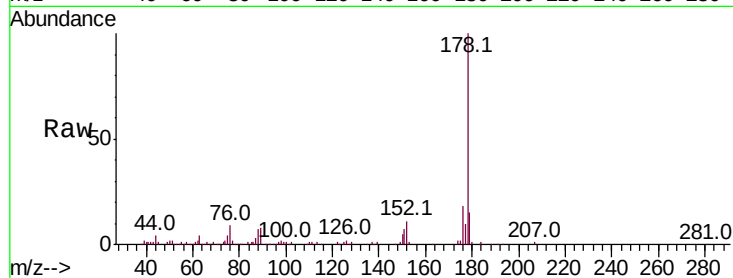
BNA_N

ClientSampleId :

CB5S2

Tot Ion:178 Resp: 194219

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	18.3	15.2	22.8

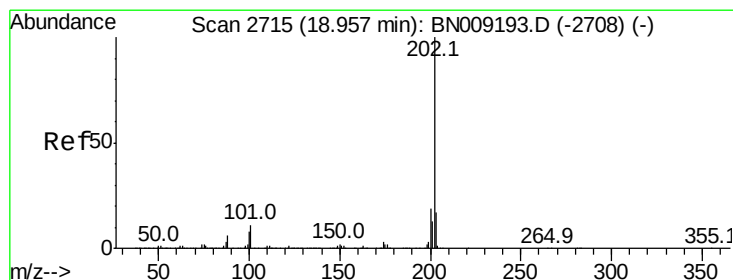
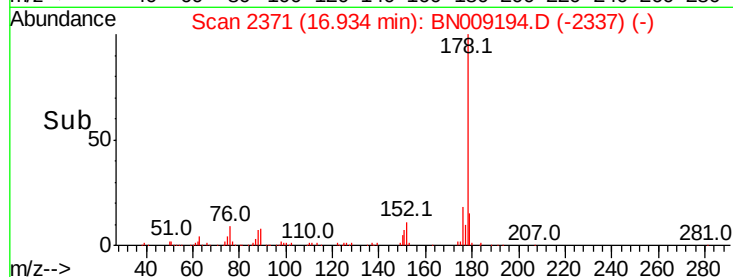
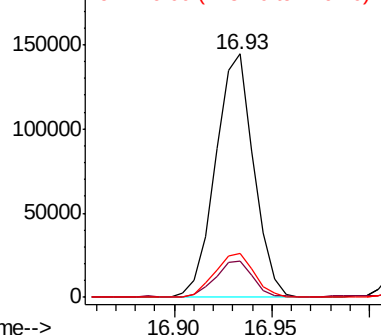


Abundance

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



#76

Fluoranthene

Concen: 4.629 ng/ul

RT: 18.95 min Scan# 2714

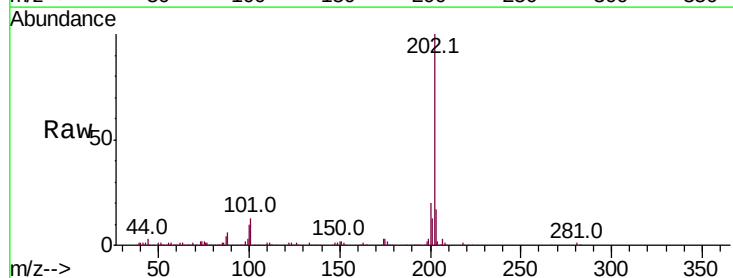
Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Tgt Ion:202 Resp: 336619

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
100	10.2	7.6	11.4

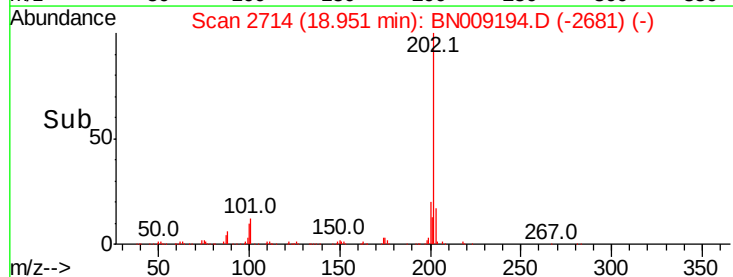
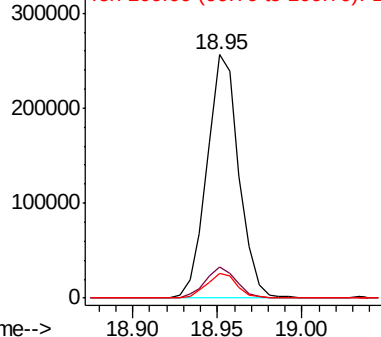


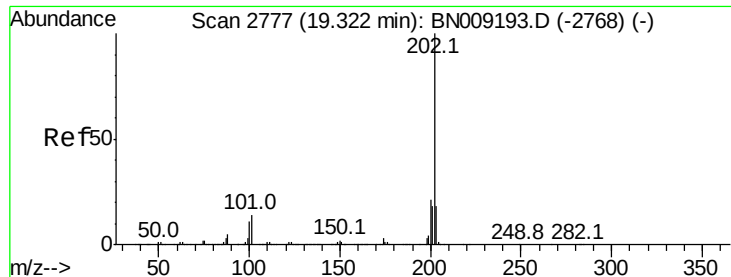
Abundance

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

Pvrene

Concen: 4.074 ng/ul

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Instrument :

BNA_N

ClientSampleId :

CB5S2

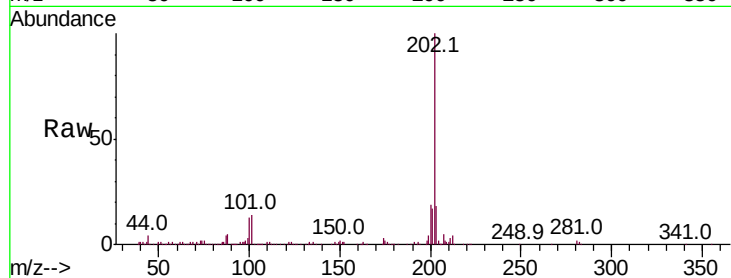
Tot Ion:202 Resp: 286416

Ion Ratio Lower Upper

202 100

101 13.8 11.1 16.7

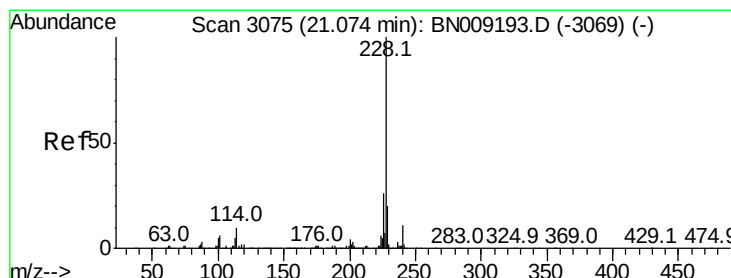
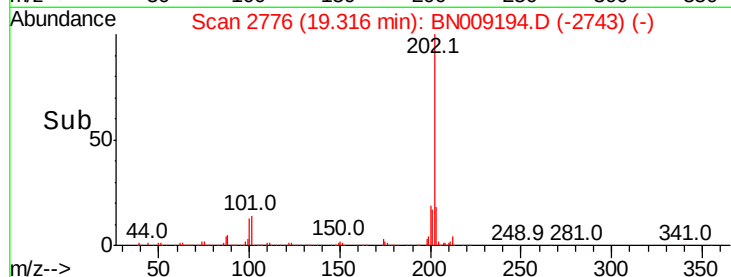
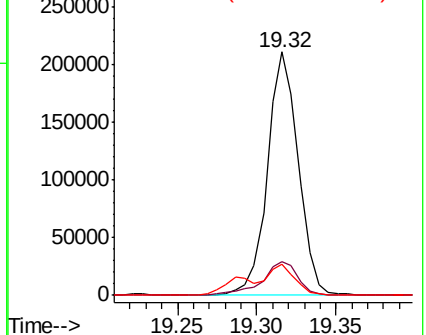
100 12.6 9.0 13.4



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: 2.326 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

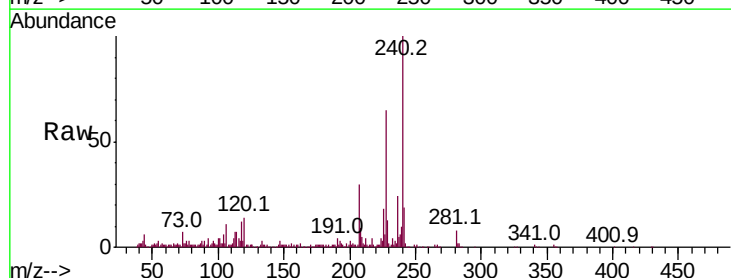
Tgt Ion:228 Resp: 159297

Ion Ratio Lower Upper

228 100

229 20.5 15.2 22.8

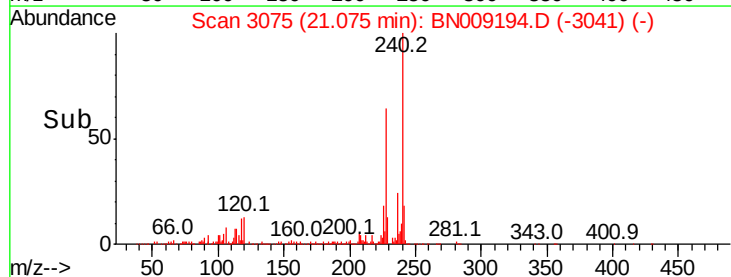
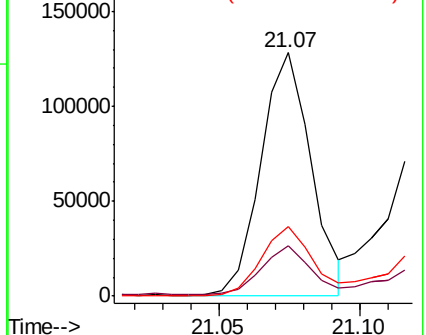
226 28.4 19.8 29.6

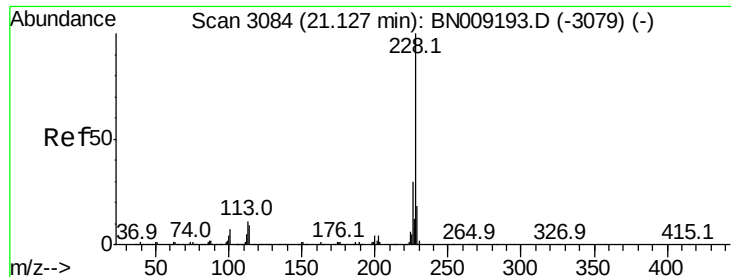


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.473 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Instrument :

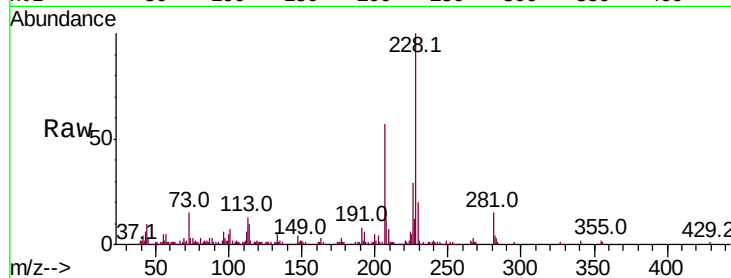
BNA_N

ClientSampleId :

CB5S2

Tot Ion:228 Resp: 162753

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	20.5	15.9	23.9

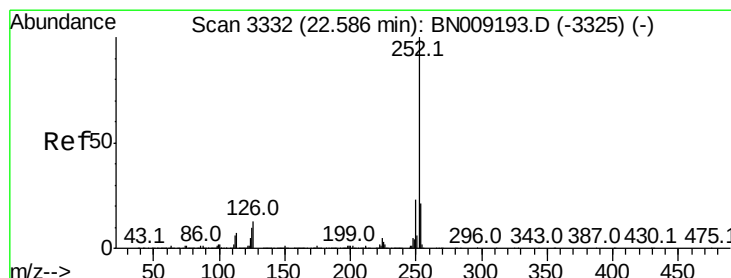
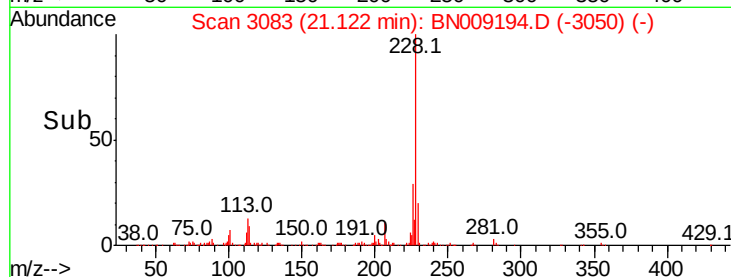
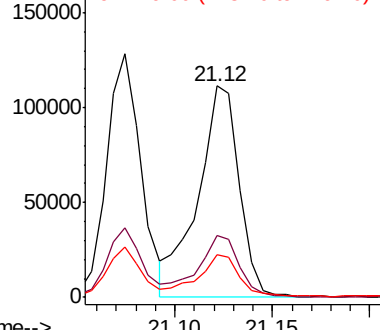


Abundance

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: 2.959 ng/ul

RT: 22.59 min Scan# 3332

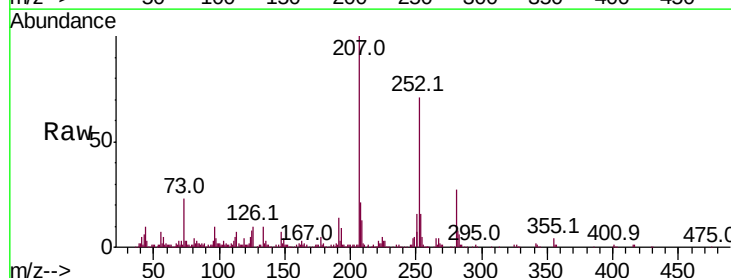
Delta R.T. 0.00 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Tgt Ion:252 Resp: 200545

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.8	8.5	12.7

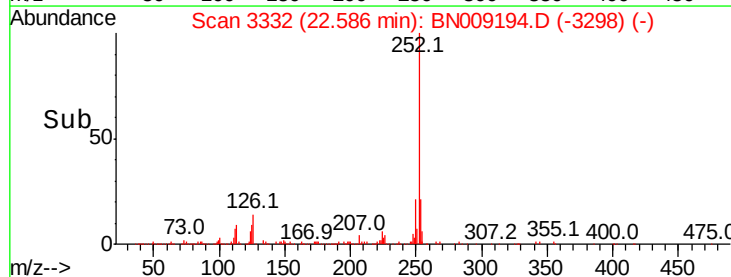
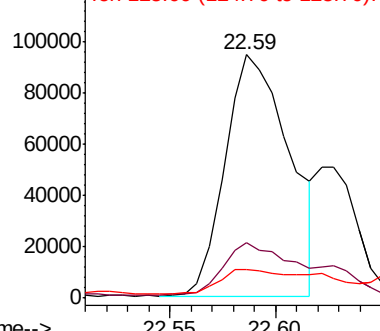


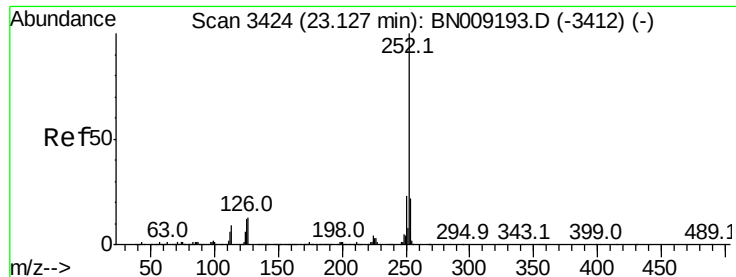
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.947 ng/ul

RT: 23.12 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Instrument :

BNA_N

ClientSampleId :

CB5S2

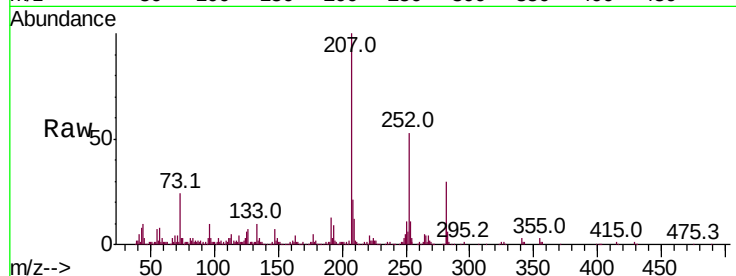
Tot Ion:252 Resp: 121154

Ion Ratio Lower Upper

252 100

253 20.5 17.7 26.5

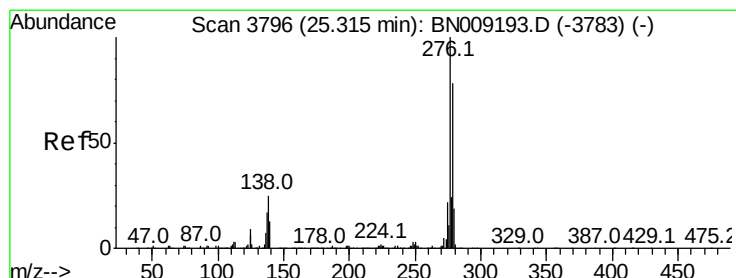
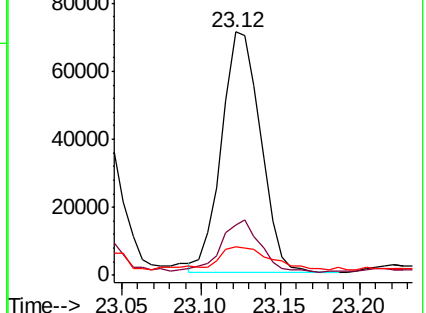
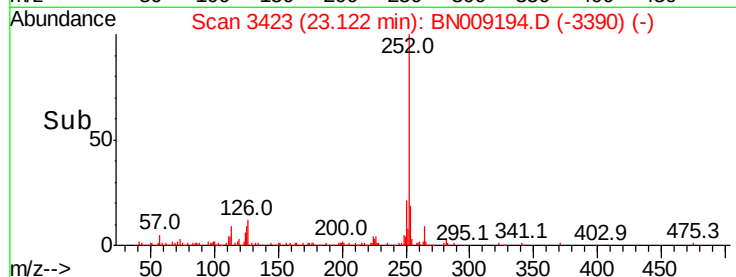
125 11.8 9.5 14.3



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: 1.092 ng/ul

RT: 25.31 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

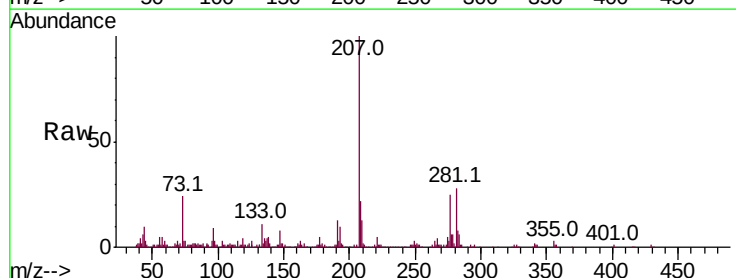
Tgt Ion:276 Resp: 82344

Ion Ratio Lower Upper

276 100

138 21.3 20.5 30.7

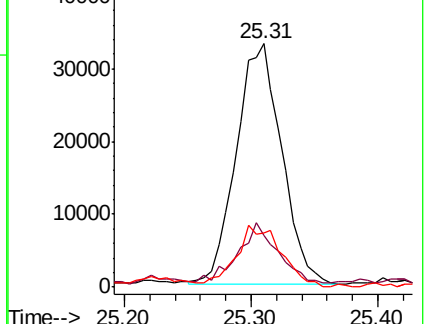
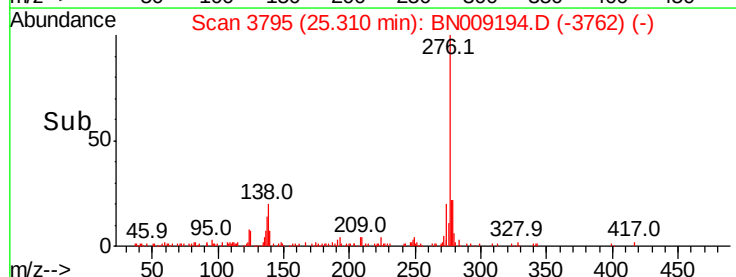
277 22.4 20.2 30.4

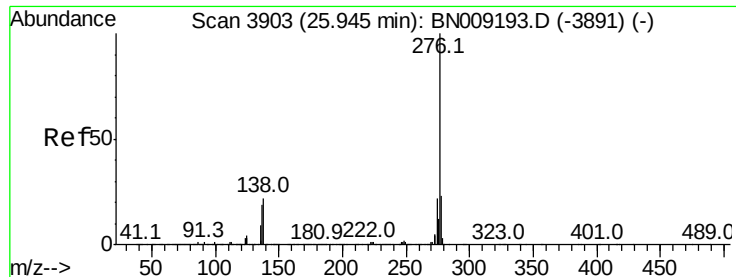


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.290 ng/ul

RT: 25.94 min Scan# 3902

Delta R.T. -0.01 min

Lab File: BN009194.D

Acq: 27 Dec 2019 14:48

Instrument :

BNA_N

ClientSampleId :

CB5S2

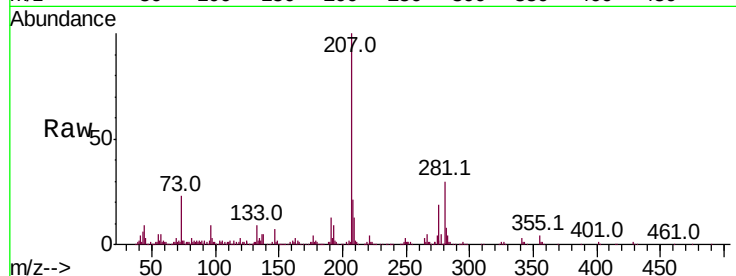
Tot Ion: 276 Resp: 81384

Ion Ratio Lower Upper

276 100

138 24.6 17.8 26.6

277 23.5 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

