

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN009995.D
 Acq On : 28 Feb 2020 20:45
 Operator : CG/JU
 Sample : L1568-13RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 21:58:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	89691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	379226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	240279	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	512687	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	476717	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	532545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	9724	4.46	ng/uL	0.00
5) Phenol-d5	6.58	99	195006	25.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	146133	27.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.92	132	153838	26.78	ng/ul	-0.01
13) 4-Methylphenol-d8	8.09	113	157236	25.91	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	79690	28.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	84780	27.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	153899	26.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	200689	30.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	530176	29.54	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	627547	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	59242	18.07	ng/ul	0.00
58) Fluorene-d10	15.02	176	475766	30.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	61825	19.41	ng/ul	0.00
71) Anthracene-d10	16.87	188	725793	30.88	ng/ul	0.00
79) Pyrene-d10	19.19	212	835686	33.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	859921	32.33	ng/ul	0.00

Target Compounds

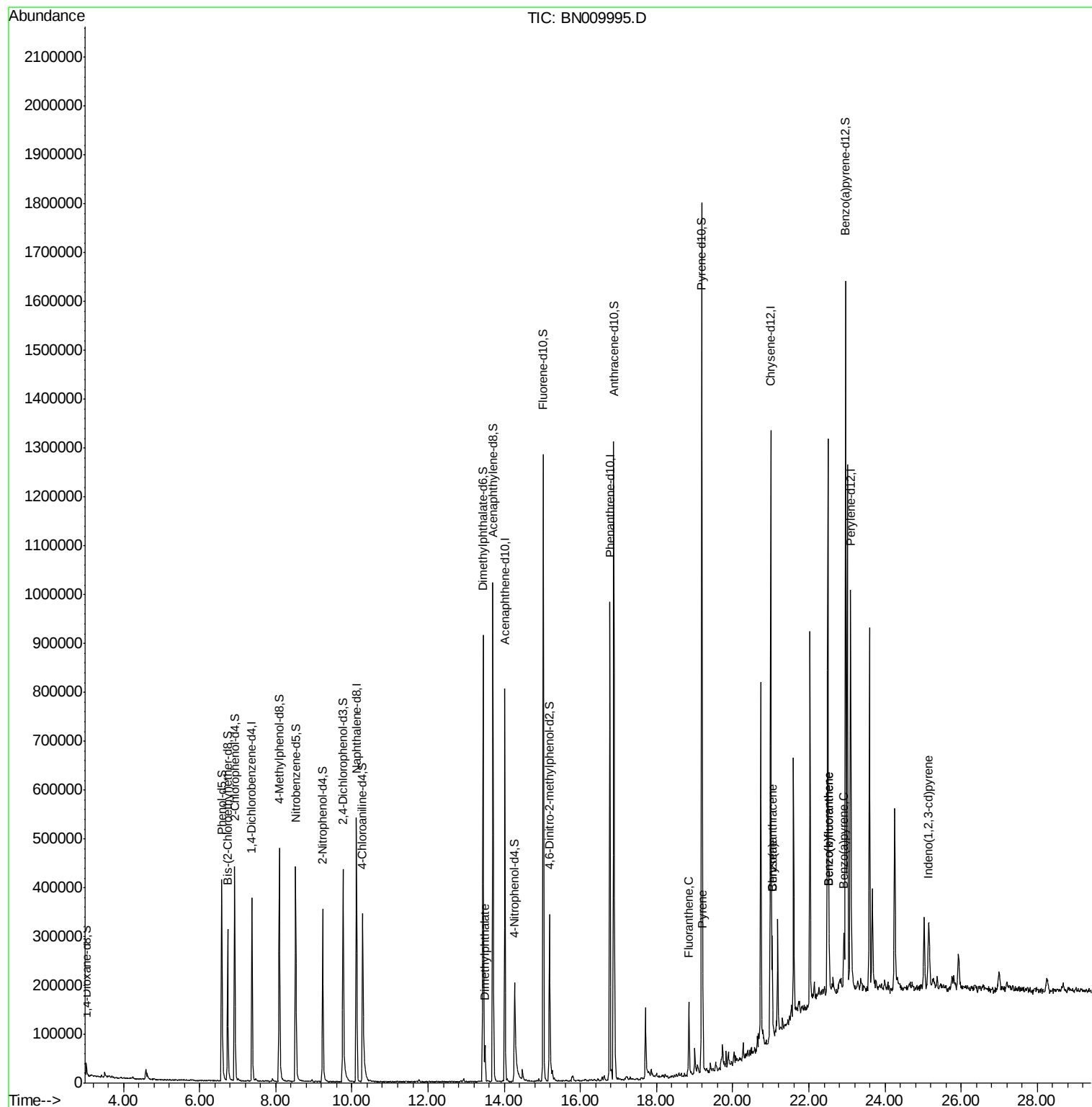
					Ovalue	
45) Dimethylphthalate	13.50	163	42156	2.251	ng/ul#	98
77) Fluoranthene	18.85	202	82525	2.408	ng/ul	98
80) Pyrene	19.22	202	96058	2.795	ng/ul	96
83) Benzo(a)anthracene	21.03	228	126382	3.858	ng/ul	97
85) Chrysene	21.03	228	128503	3.984	ng/ul	99
88) Benzo(b)fluoranthene	22.53	252	40275	1.166	ng/ul	97
89) Benzo(k)fluoranthene	22.53	252	41279	1.263	ng/ul	98
91) Benzo(a)pyrene	22.92	252	71899	2.315	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.14	276	38291	1.039	ng/ul	92

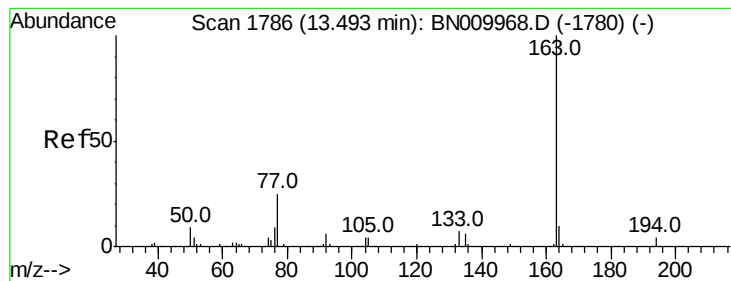
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.251 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

Instrument :

BNA_N

ClientSampleId :

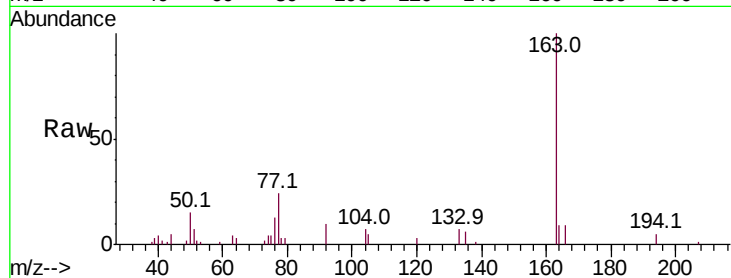
Tot Ion:163 Resp: 42156

Ion Ratio Lower Upper

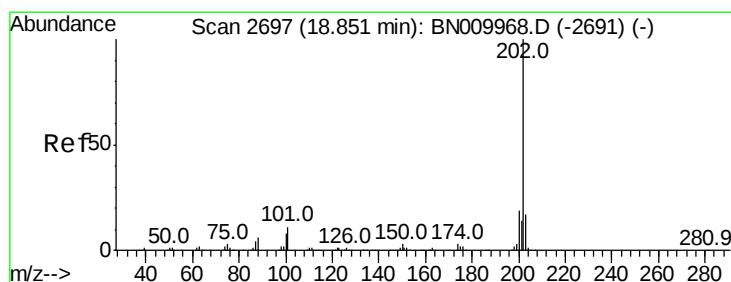
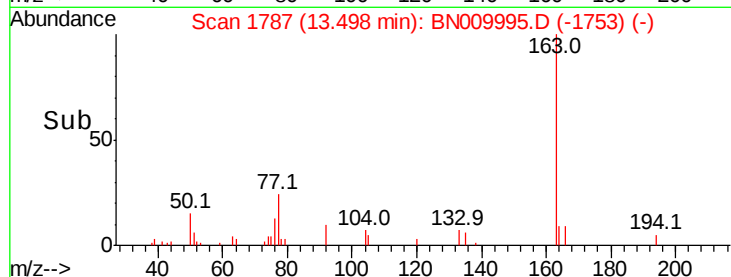
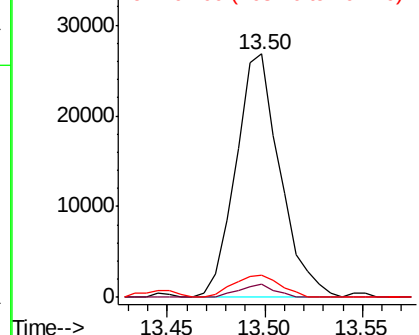
163 100

194 5.4 3.4 5.0#

164 9.3 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



#77

Fluoranthene

Concen: 2.408 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

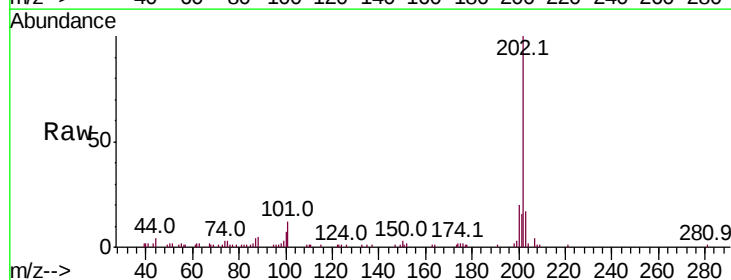
Tgt Ion:202 Resp: 82525

Ion Ratio Lower Upper

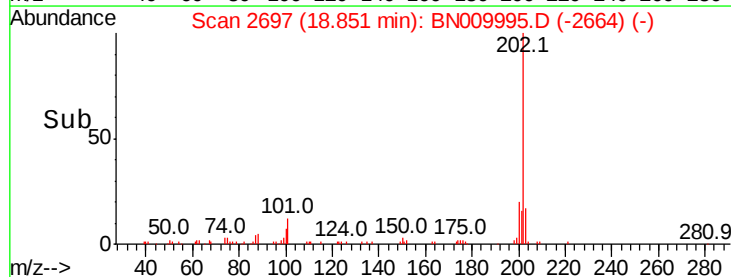
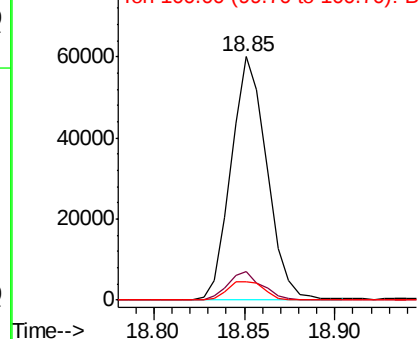
202 100

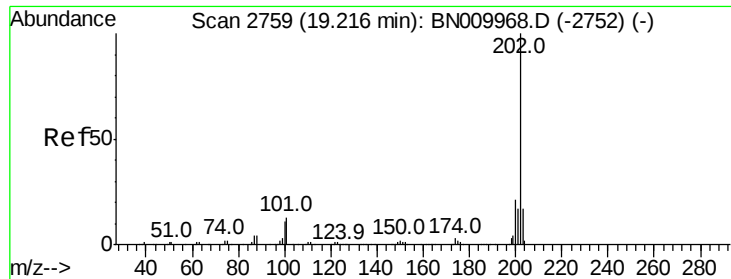
101 11.6 9.4 14.2

100 7.5 7.2 10.8



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

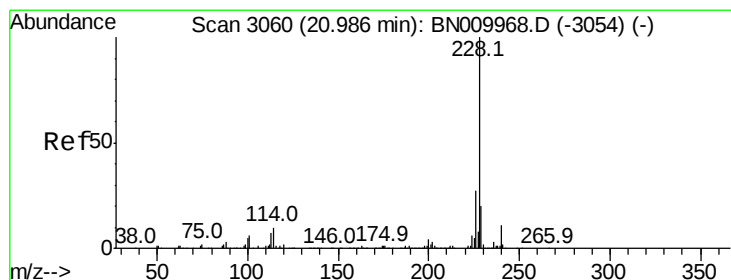
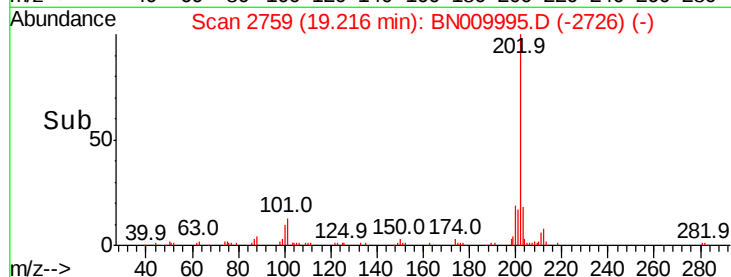
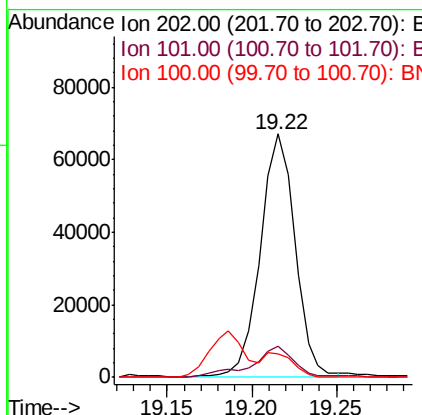
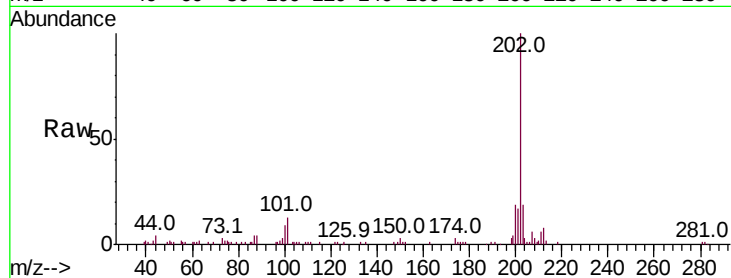




#80
Pvrene
Concen: 2.795 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009995.D
Acq: 28 Feb 2020 20:45

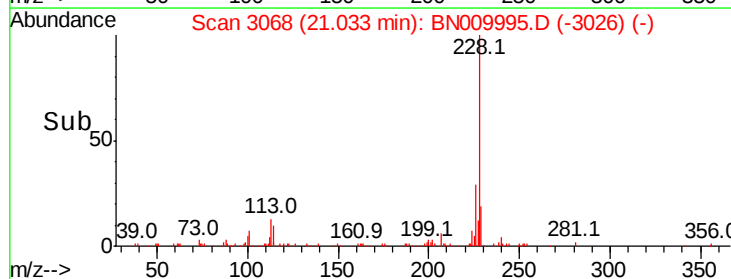
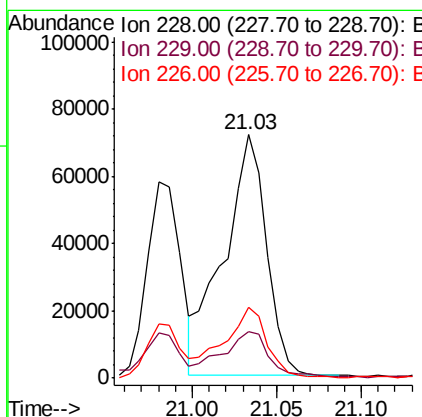
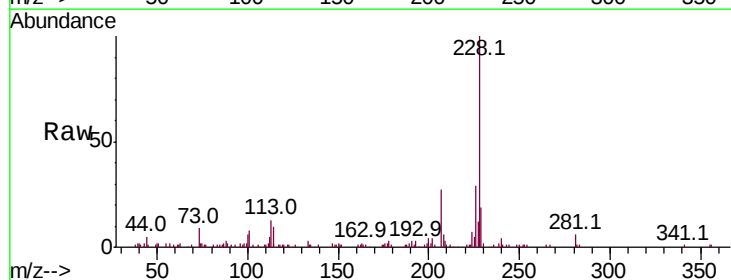
Instrument :
BNA_N
ClientSampleId :

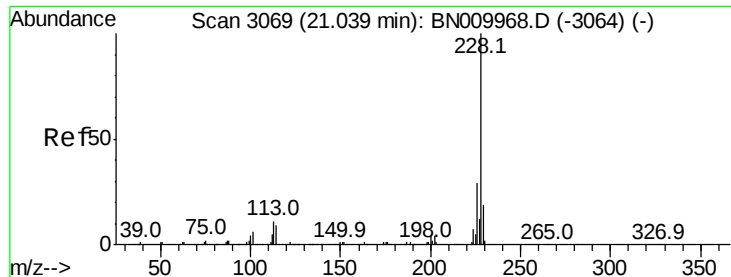
Tot Ion:202 Resp: 96058
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 9.5 9.0 13.6



#83
Benzo(a)anthracene
Concen: 3.858 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. 0.05 min
Lab File: BN009995.D
Acq: 28 Feb 2020 20:45

Tgt Ion:228 Resp: 126382
Ion Ratio Lower Upper
228 100
229 19.3 15.0 22.4
226 29.0 21.4 32.2





#85

Chrysene

Concen: 3.984 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

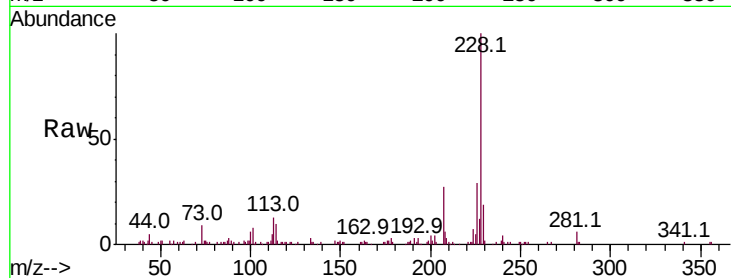
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 128503

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	19.3	15.0	22.4

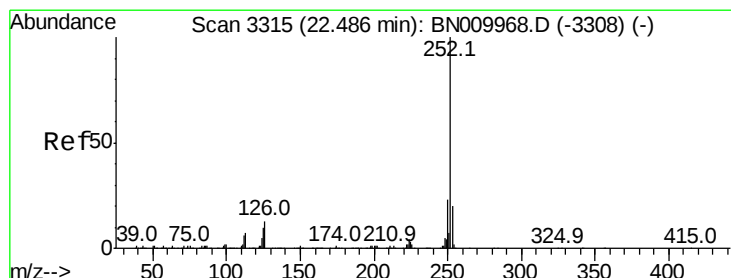
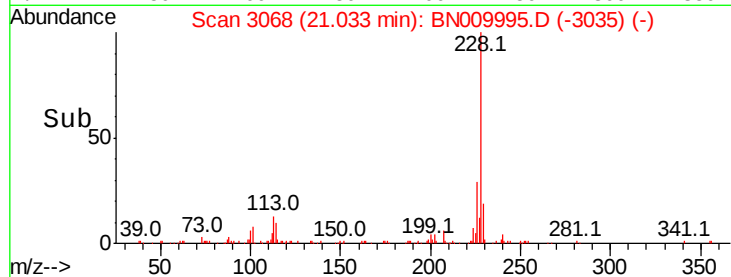
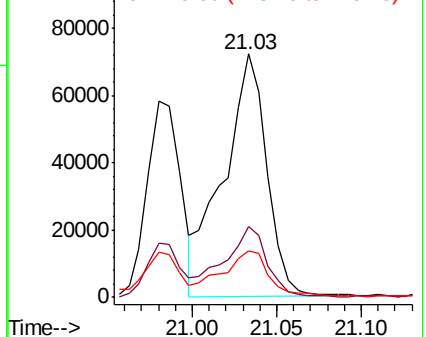


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 1.166 ng/ul

RT: 22.53 min Scan# 3322

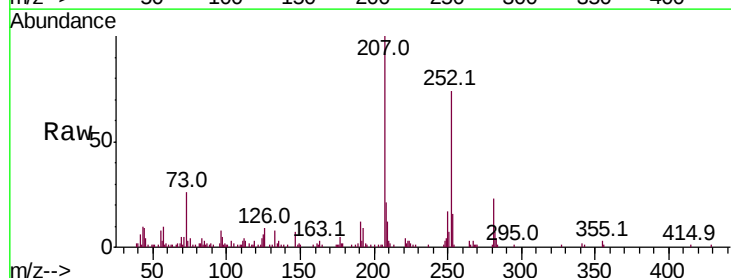
Delta R.T. 0.04 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

Tgt Ion:252 Resp: 40275

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	8.3	8.0	12.0

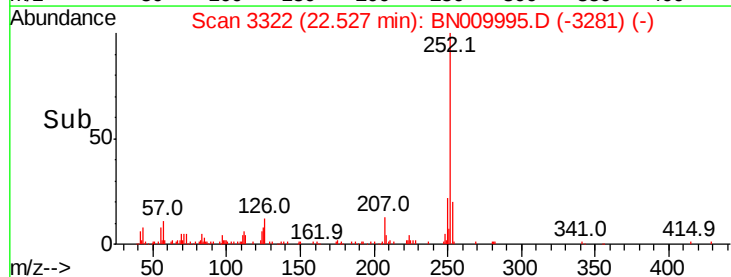
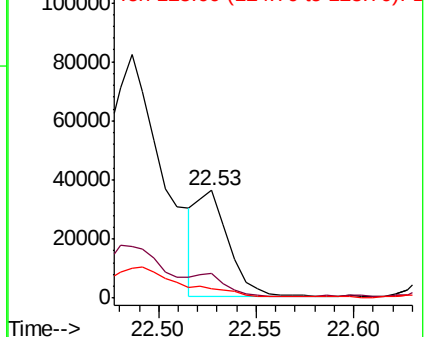


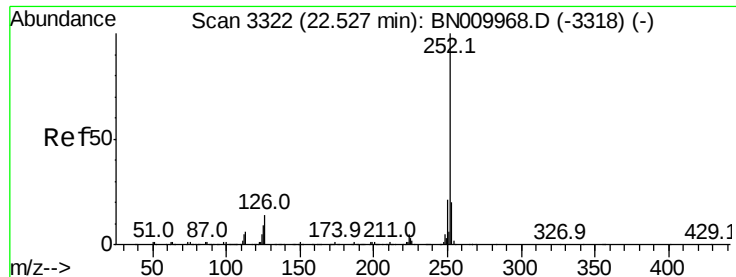
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.263 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

Instrument :

BNA_N

ClientSampled :

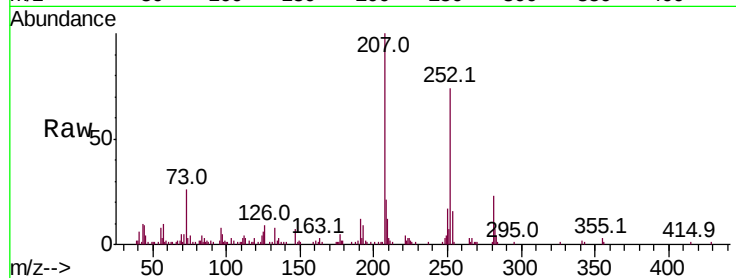
Tot Ion:252 Resp: 41279

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

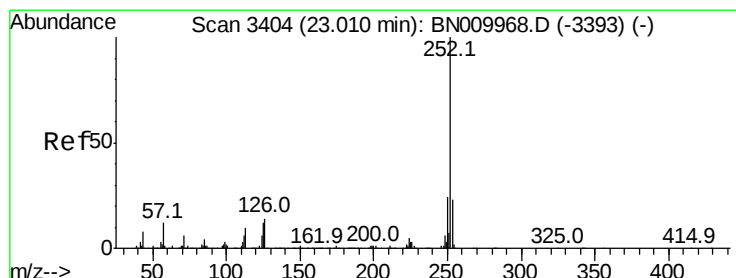
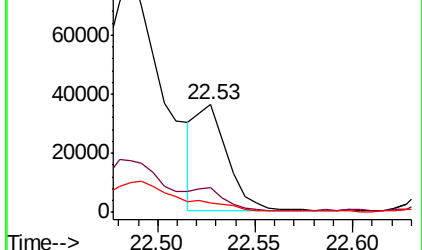
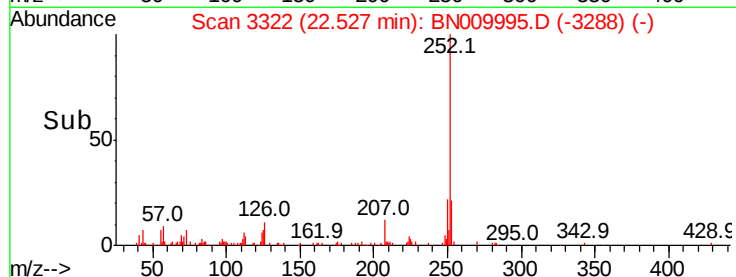
125 8.3 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 2.315 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.09 min

Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

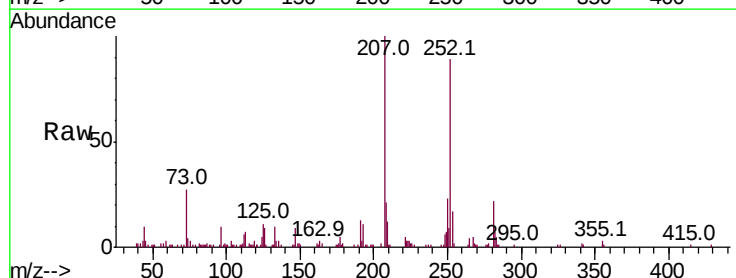
Tgt Ion:252 Resp: 71899

Ion Ratio Lower Upper

252 100

253 19.6 17.4 26.0

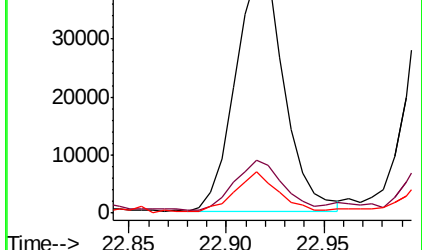
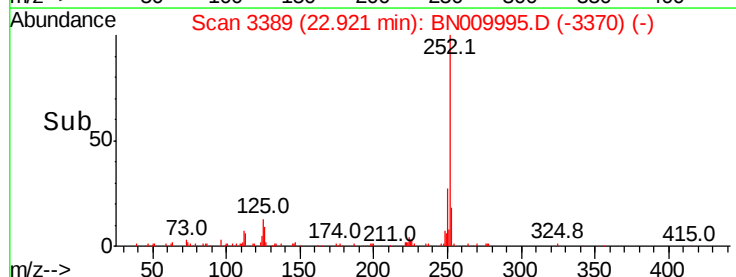
125 12.2 9.0 13.6

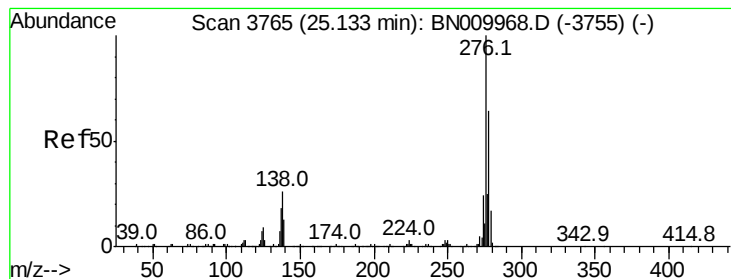


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.039 ng/ul

RT: 25.14 min Scan# 3767

Delta R.T. 0.00 min

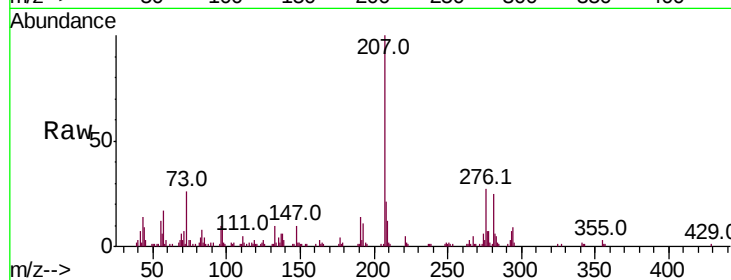
Lab File: BN009995.D

Acq: 28 Feb 2020 20:45

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 38291

Ion Ratio Lower Upper

276 100

138 22.5 20.9 31.3

277 27.0 18.2 27.4

