

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009817.D
 Acq On : 21 Feb 2020 20:55
 Operator : CG/JU
 Sample : L1535-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 22:03:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	109119	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	462344	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	296992	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	631668	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	540053	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	592553	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2715	1.02	ng/uL	0.00
5) Phenol-d5	6.60	99	42577	4.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	34790	5.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	35320	5.05	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	32785	4.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	16308	4.82	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.26	143	17303	4.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.80	165	32247	4.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	42987	5.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	125651	5.66	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	139963	5.36	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.31	143	7007	1.73	ng/ul	0.02
58) Fluorene-d10	15.04	176	109517	5.72	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	8611	2.19	ng/ul	0.00
71) Anthracene-d10	16.89	188	157806	5.45	ng/ul	-0.02
79) Pyrene-d10	19.19	212	188597	6.68	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	181687	6.14	ng/ul	-0.03

Target Compounds

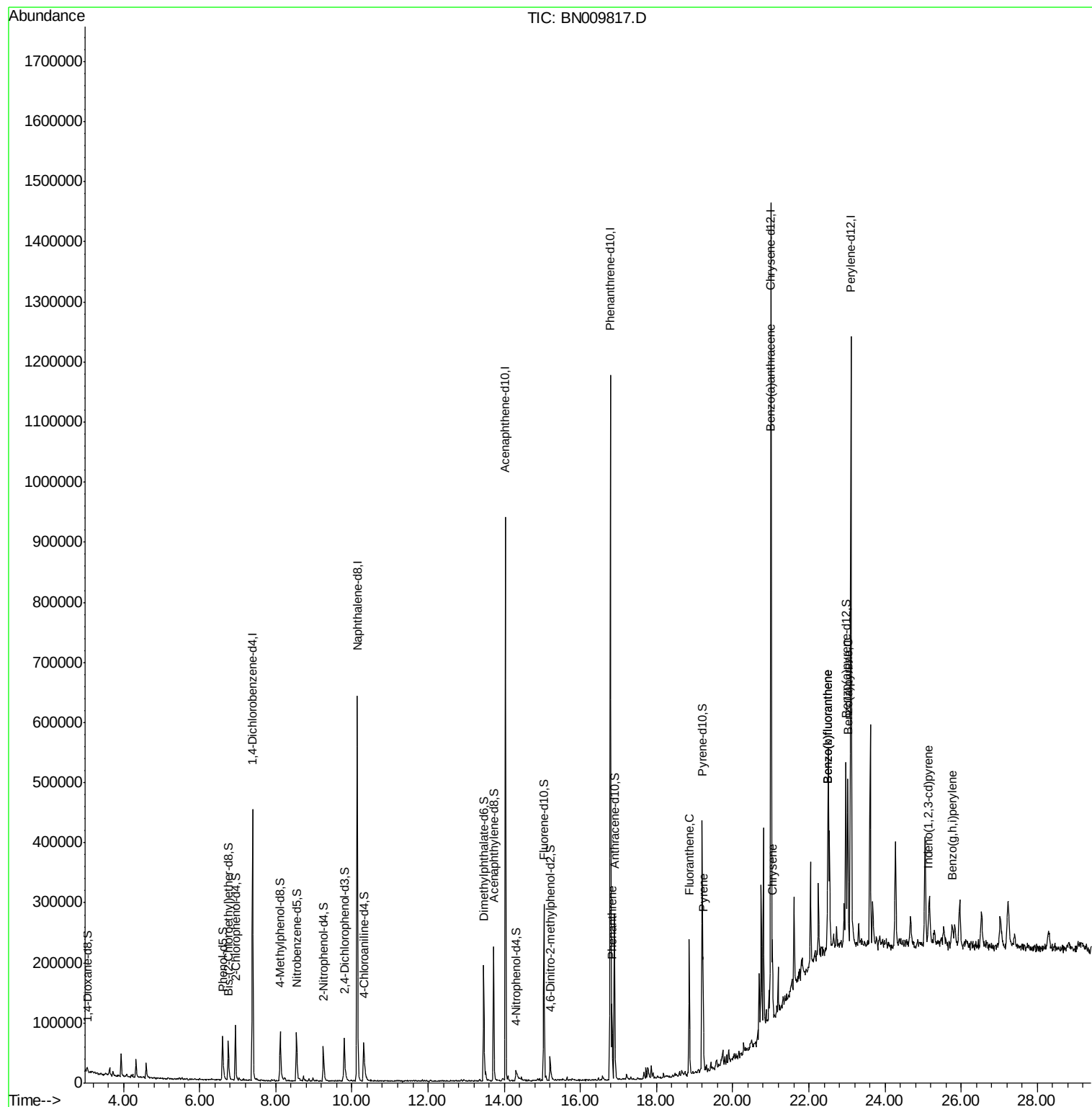
					Ovalue
70) Phenanthrene	16.83	178	68796	1.908 ng/ul	99
77) Fluoranthene	18.86	202	127517	3.020 ng/ul	98
80) Pyrene	19.23	202	112584	2.892 ng/ul#	95
83) Benzo(a)anthracene	20.99	228	60530	1.631 ng/ul	93
85) Chrysene	21.04	228	65336	1.788 ng/ul	94
88) Benzo(b)fluoranthene	22.49	252	86008	2.239 ng/ul#	96
89) Benzo(k)fluoranthene	22.49	252	86008	2.364 ng/ul#	98
91) Benzo(a)pyrene	23.02	252	54238	1.570 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.14	276	42267	1.030 ng/ul	95
94) Benzo(a,h,i)perylene	25.76	276	37471	1.089 ng/ul	98

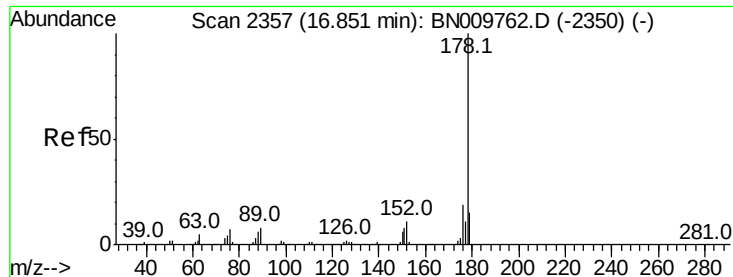
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.908 ng/ul

RT: 16.83 min Scan# 2354

Delta R.T. -0.02 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

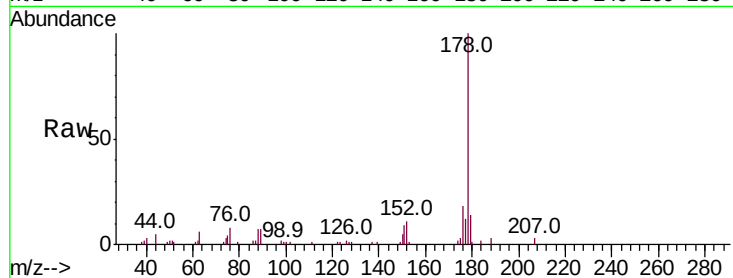
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 68796

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.5	18.7
176	18.1	14.6	22.0

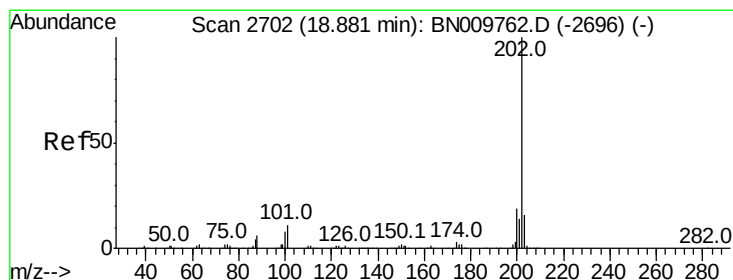
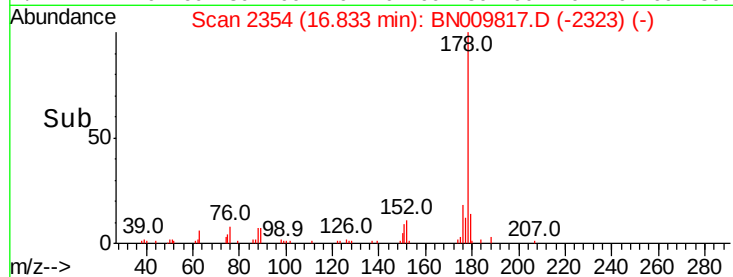
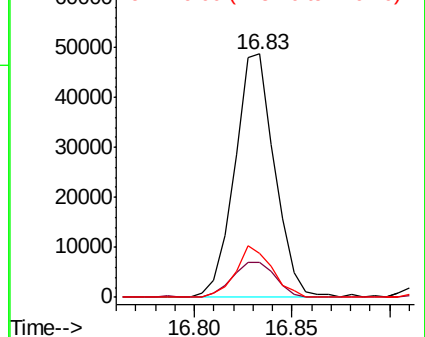


Abundance

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



#77

Fluoranthene

Concen: 3.020 ng/ul

RT: 18.86 min Scan# 2699

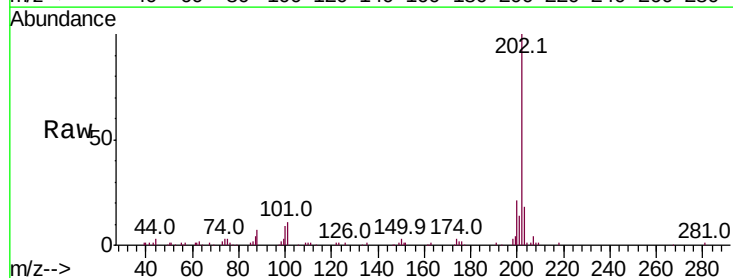
Delta R.T. -0.02 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

Tgt Ion:202 Resp: 127517

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	8.6	7.2	10.8

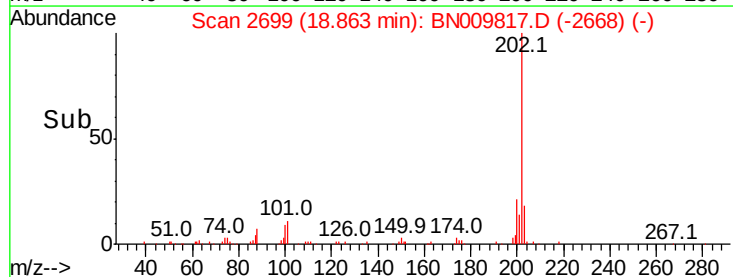
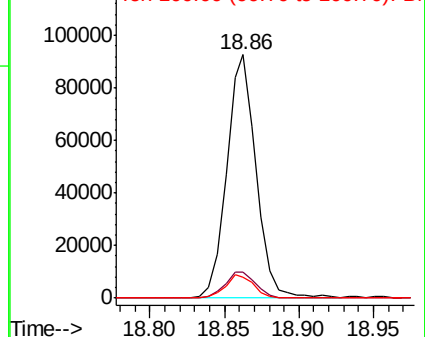


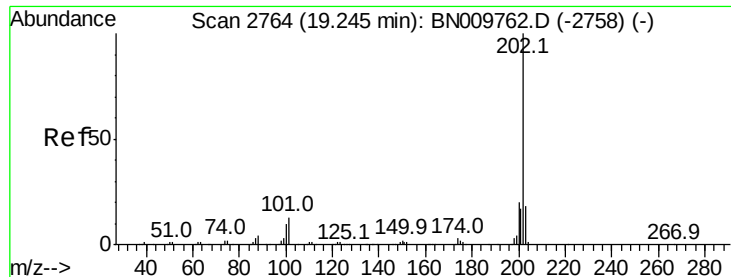
Abundance

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

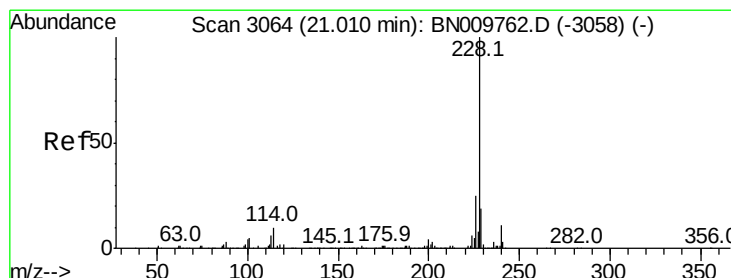
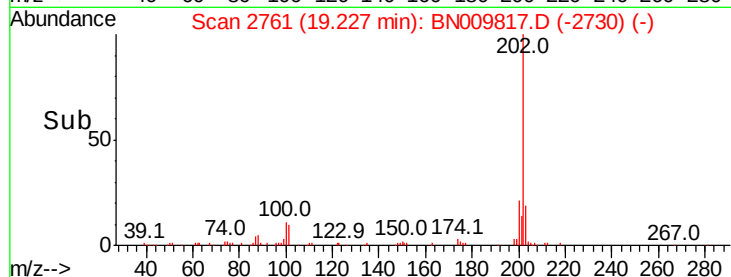
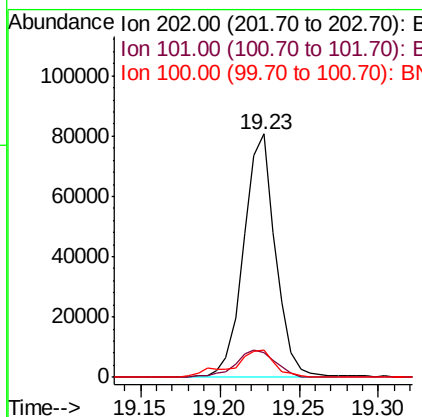
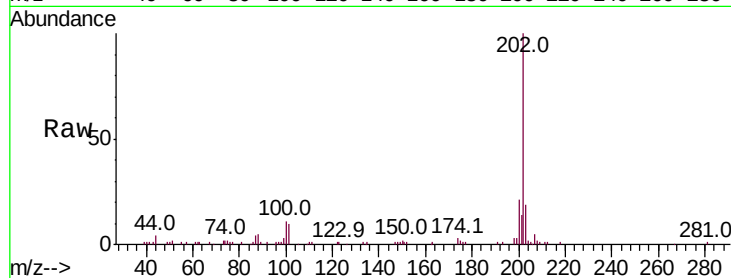




#80
 Pvrene
 Concen: 2.892 ng/ul
 RT: 19.23 min Scan# 2761
 Delta R.T. -0.02 min
 Lab File: BN009817.D
 Acq: 21 Feb 2020 20:55

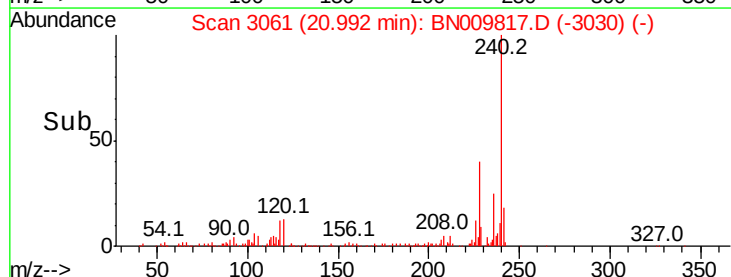
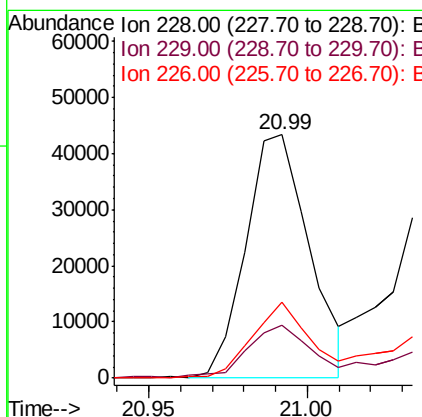
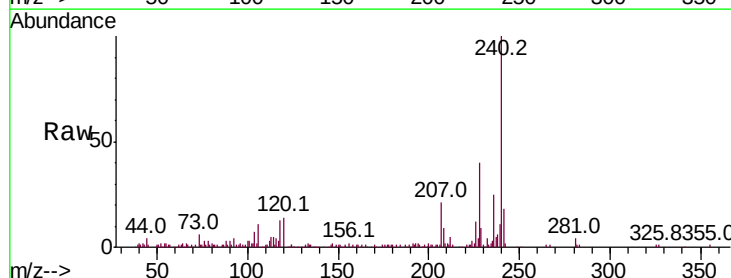
Instrument :
 BNA_N
 ClientSampleId :

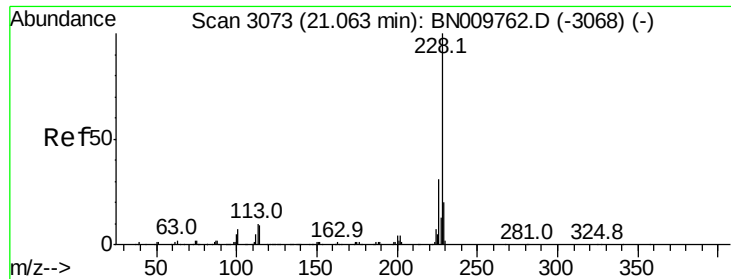
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	11.3	16.9#
100	11.0	9.0	13.6



#83
 Benzo(a)anthracene
 Concen: 1.631 ng/ul
 RT: 20.99 min Scan# 3061
 Delta R.T. -0.02 min
 Lab File: BN009817.D
 Acq: 21 Feb 2020 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.0	22.4
226	31.0	21.4	32.2





#85

Chrysene

Concen: 1.788 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

Instrument :

BNA_N

ClientSampleId :

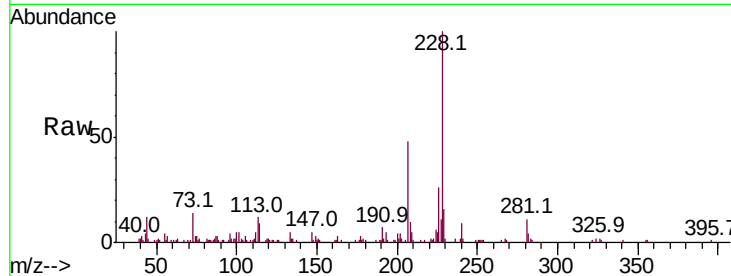
Tot Ion:228 Resp: 65336

Ion Ratio Lower Upper

228 100

226 26.1 23.4 35.2

229 16.4 15.0 22.4

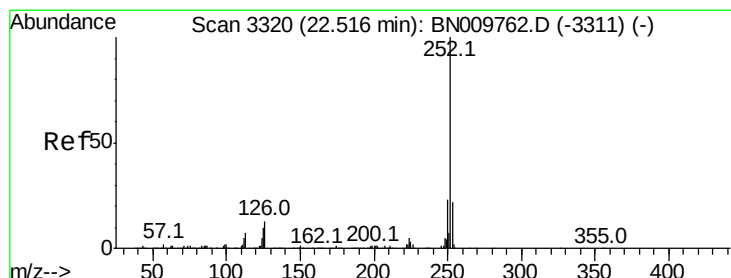
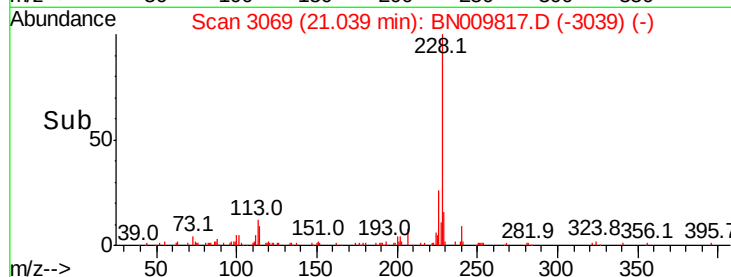
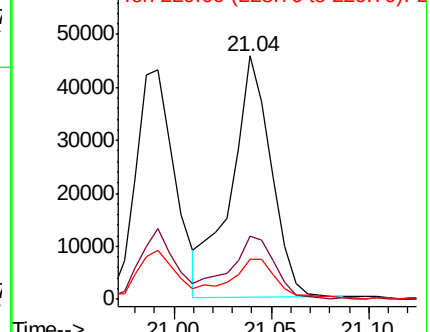


Abundance

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: 2.239 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

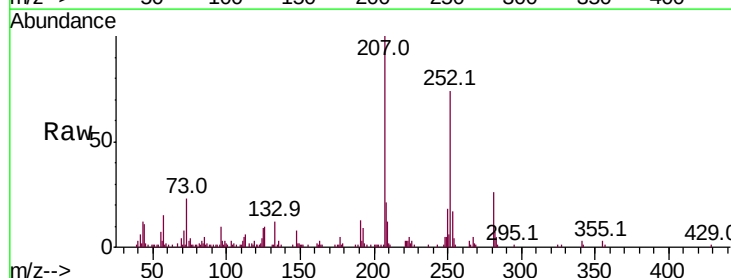
Tgt Ion:252 Resp: 86008

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 12.7 8.0 12.0#

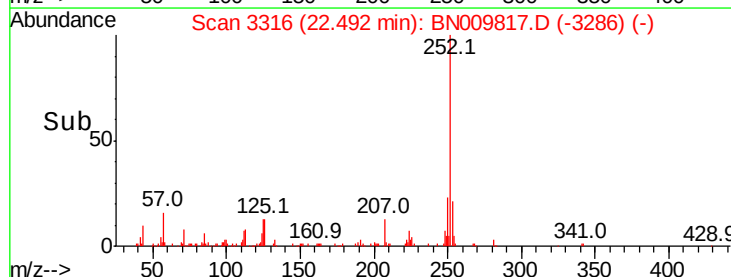
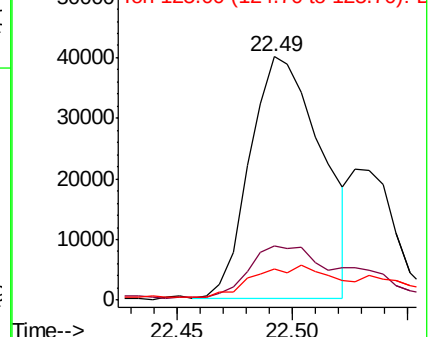


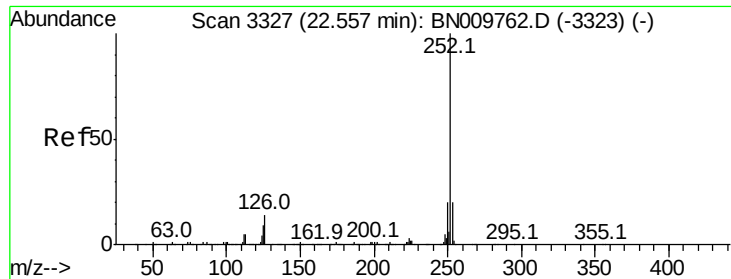
Abundance

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: 2.364 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.06 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

Instrument :

BNA_N

ClientSampled :

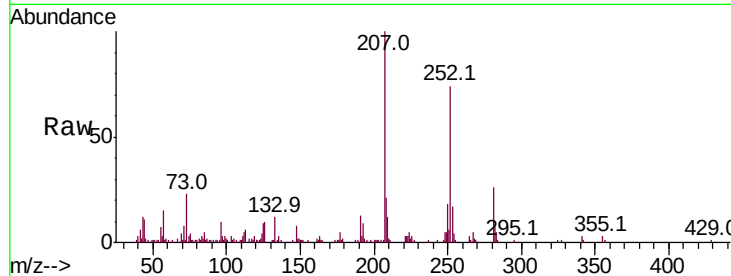
Tot Ion:252 Resp: 86008

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

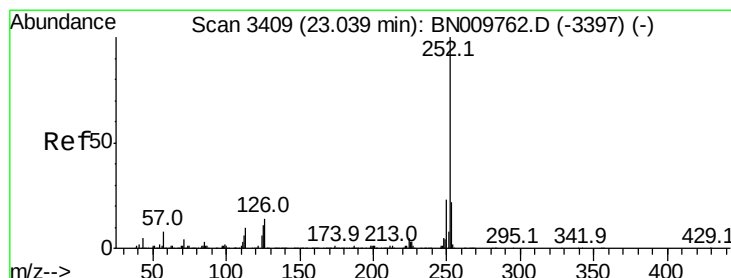
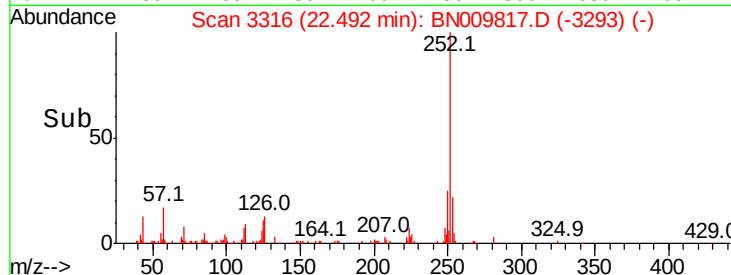
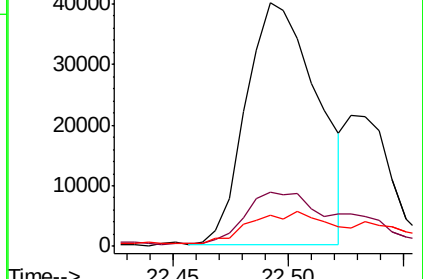
125 12.7 8.2 12.2#



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: 1.570 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.02 min

Lab File: BN009817.D

Acq: 21 Feb 2020 20:55

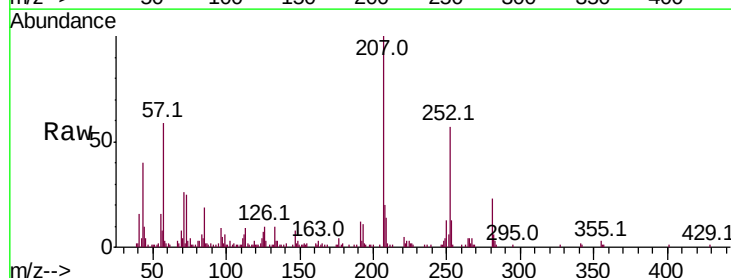
Tgt Ion:252 Resp: 54238

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

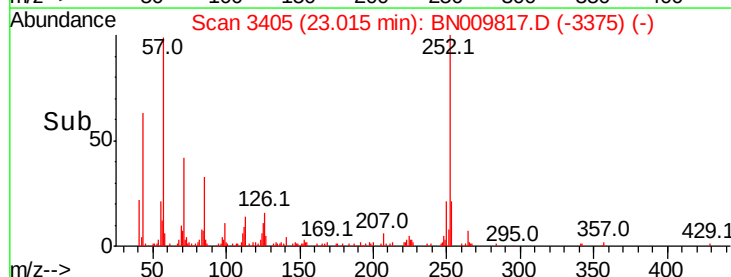
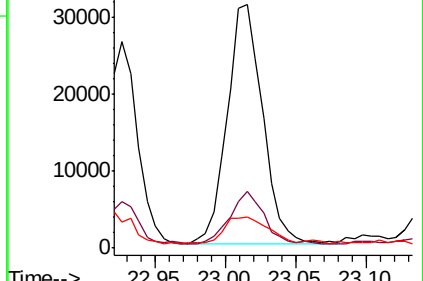
125 12.9 9.0 13.6

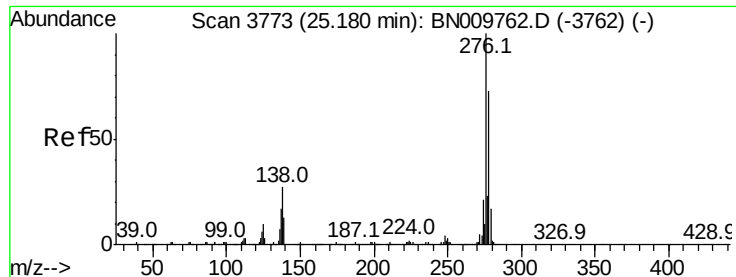


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



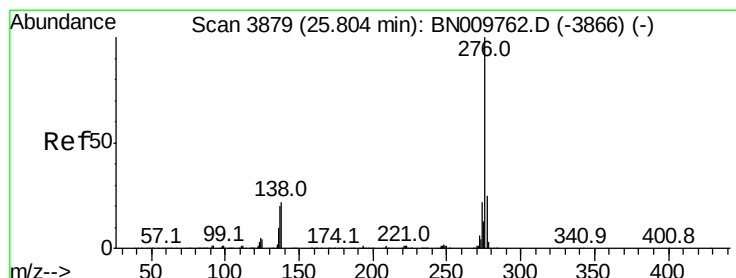
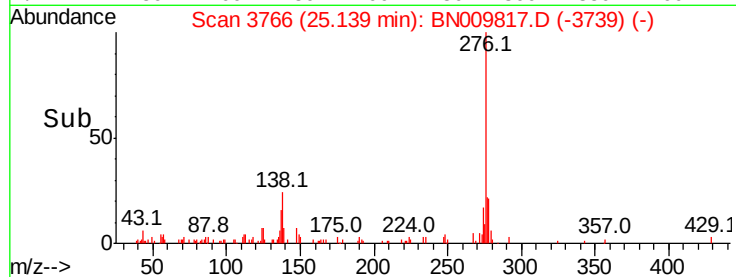
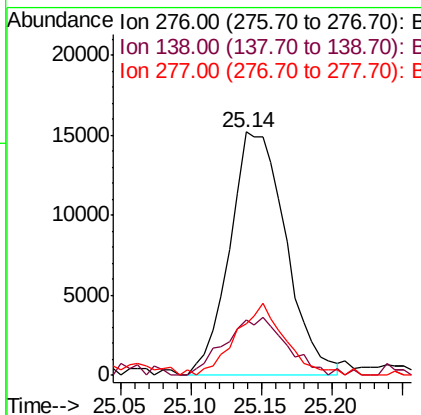
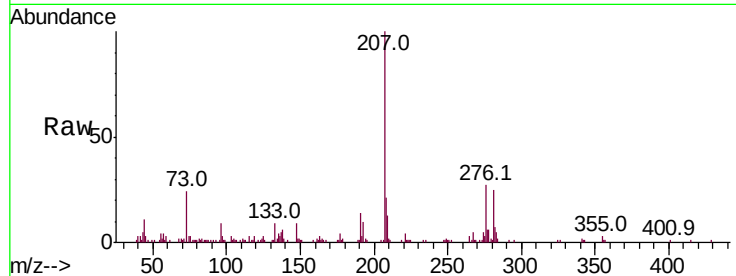


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.030 ng/ul
RT: 25.14 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BN009817.D
Acq: 21 Feb 2020 20:55

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.9	31.3
277	21.0	18.2	27.4



#94

Benzo(g,h,i)perylene
Concen: 1.089 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. -0.04 min
Lab File: BN009817.D
Acq: 21 Feb 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.5	26.3
277	23.8	18.1	27.1

