

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009823.D
 Acq On : 22 Feb 2020 00:29
 Operator : CG/JU
 Sample : L1535-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 22 01:25:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117167	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	493542	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	311690	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	656081	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587552	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	646312	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	6308	2.21	ng/uL	-0.01
5) Phenol-d5	6.60	99	116810	11.72	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	88637	12.89	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	93898	12.51	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	85709	10.81	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	45265	12.54	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	47954	12.14	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	91691	12.07	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.30	131	114802	13.46	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	329021	14.13	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	377765	13.78	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	31127	7.32	ng/ul	0.00
58) Fluorene-d10	15.03	176	285124	14.18	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	35550	8.72	ng/ul	-0.01
71) Anthracene-d10	16.89	188	435297	14.47	ng/ul	-0.02
79) Pyrene-d10	19.19	212	504651	16.43	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	502749	15.58	ng/ul	-0.03

Target Compounds

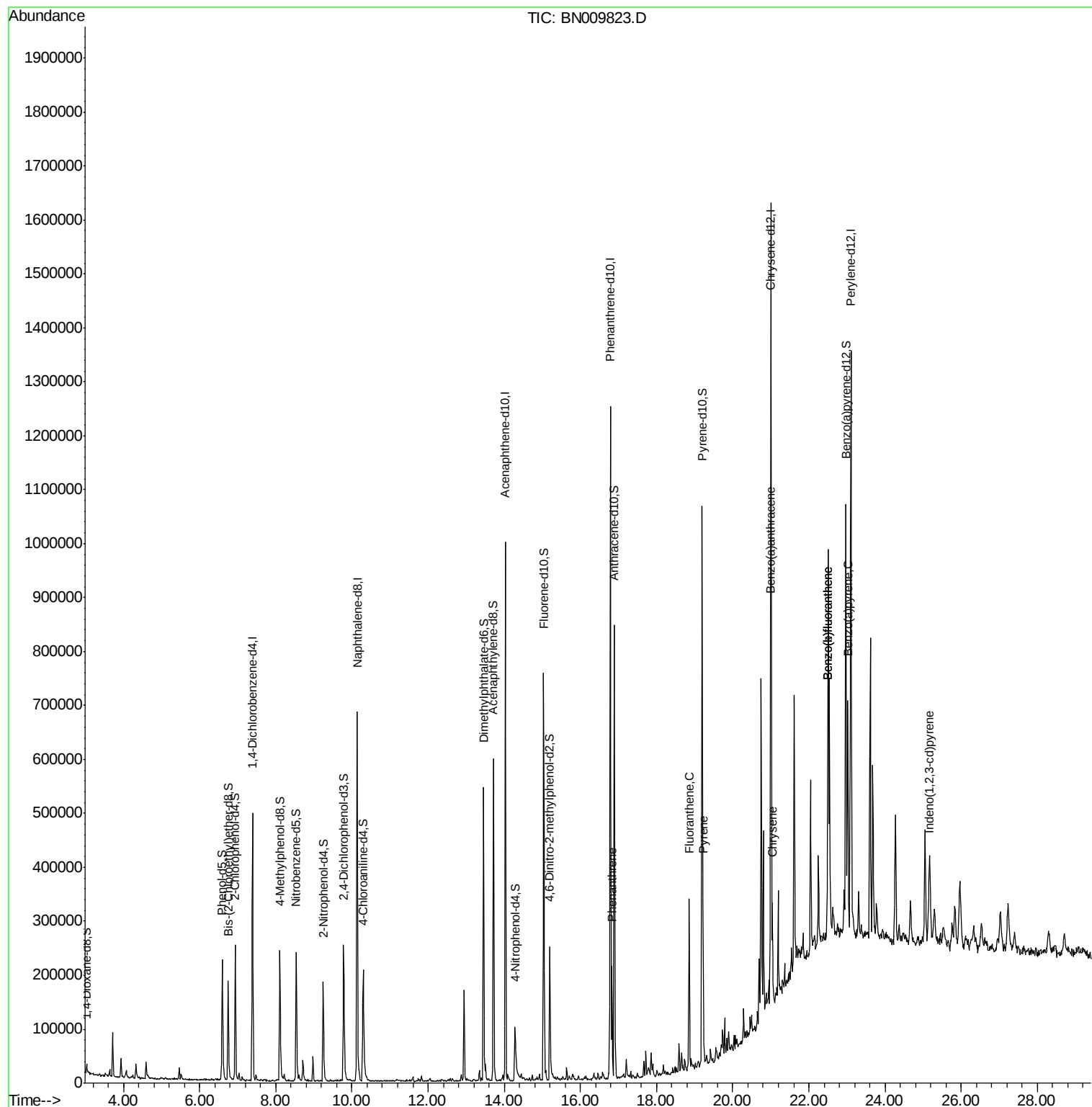
					Ovalue	
70) Phenanthrene	16.83	178	109672	2.929	ng/ul	96
77) Fluoranthene	18.86	202	183972	4.195	ng/ul	98
80) Pyrene	19.23	202	168403	3.976	ng/ul#	95
83) Benzo(a)anthracene	20.99	228	93670	2.320	ng/ul	98
85) Chrysene	21.04	228	93453	2.351	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	108728	2.595	ng/ul#	94
89) Benzo(k)fluoranthene	22.49	252	108728	2.740	ng/ul#	96
91) Benzo(a)pyrene	23.02	252	75371	2.000	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.15	276	48364	1.081	ng/ul	96

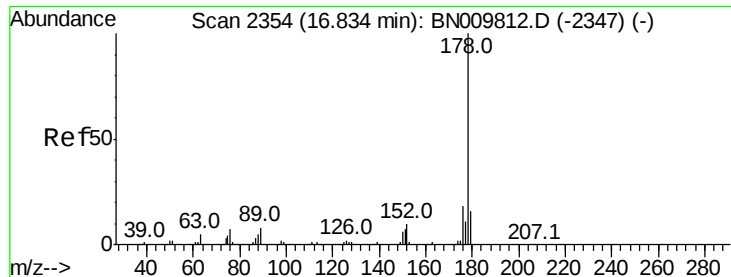
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.929 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

Instrument :

BNA_N

ClientSampleId :

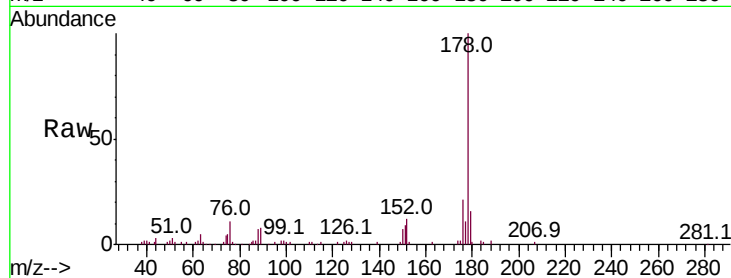
Tot Ion:178 Resp: 109672

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

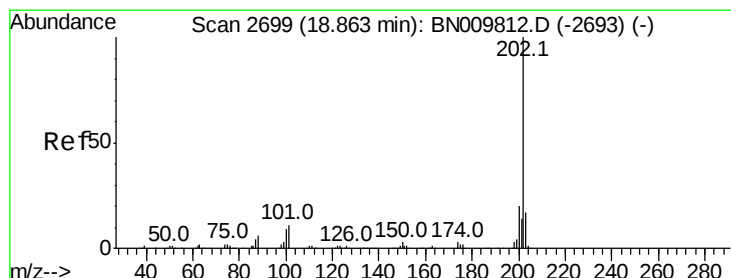
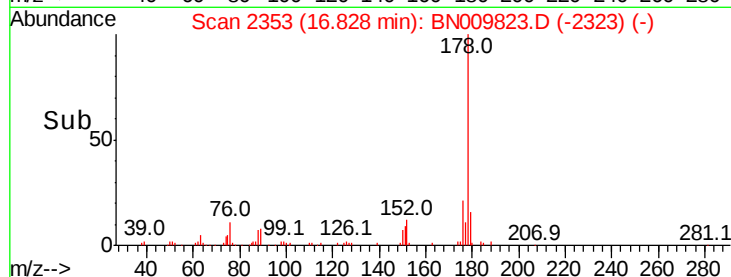
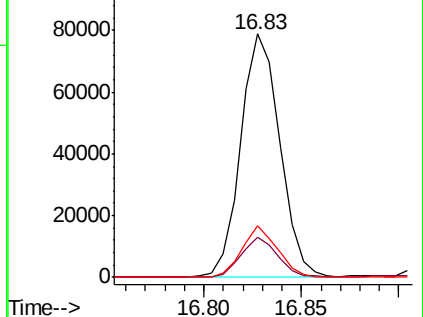
176 20.9 14.6 22.0



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: 4.195 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. -0.02 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

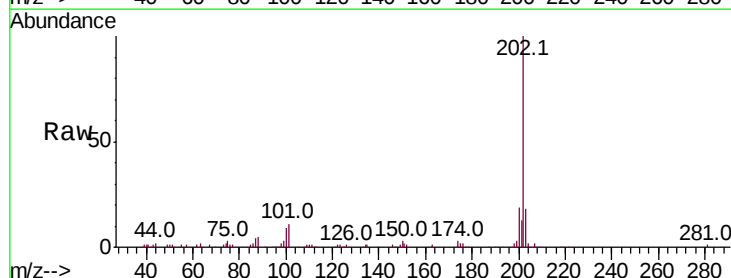
Tgt Ion:202 Resp: 183972

Ion Ratio Lower Upper

202 100

101 10.5 9.4 14.2

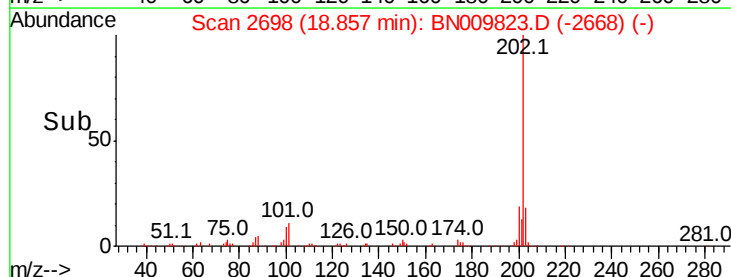
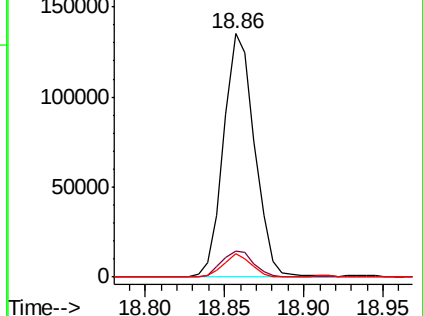
100 9.4 7.2 10.8

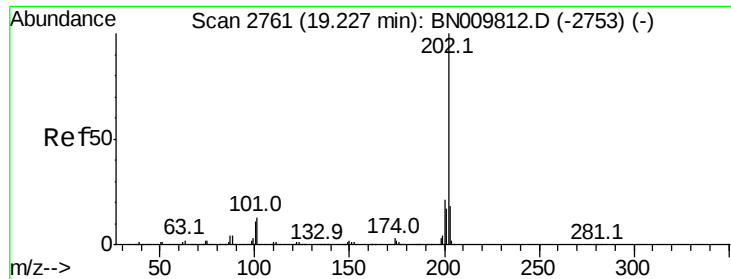


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

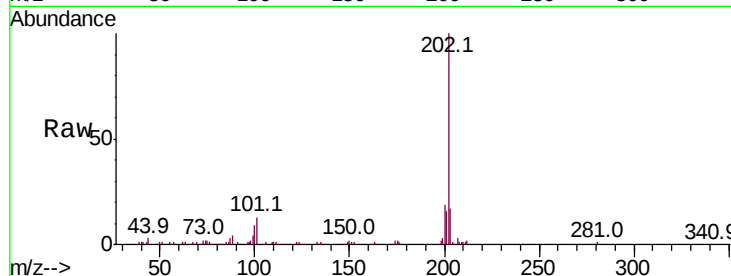




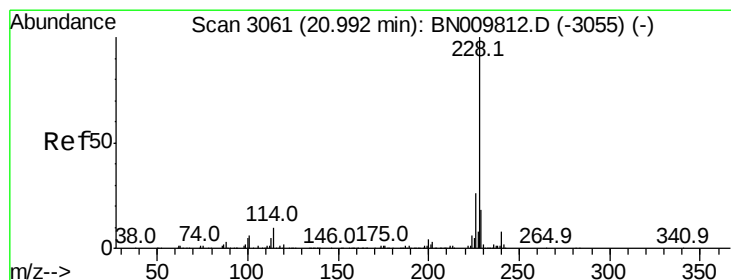
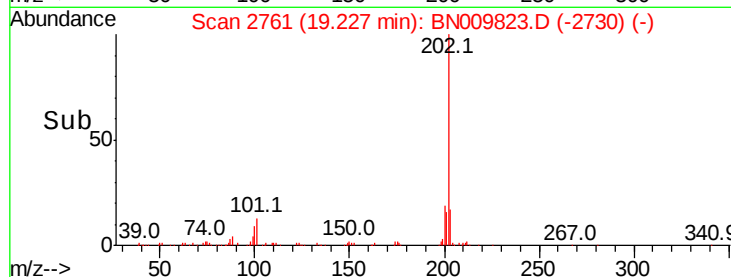
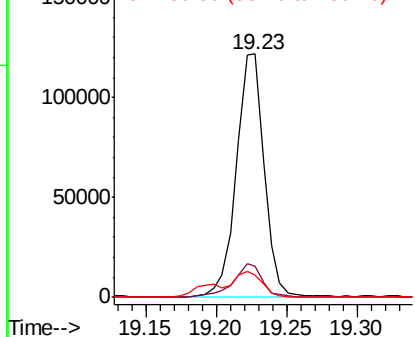
#80
Pvrene
Concen: 3.976 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.02 min
Lab File: BN009823.D
Acq: 22 Feb 2020 00:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.3	16.9
100	9.0	9.0	13.6

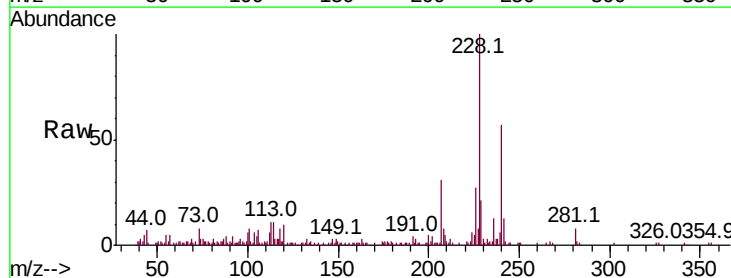


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

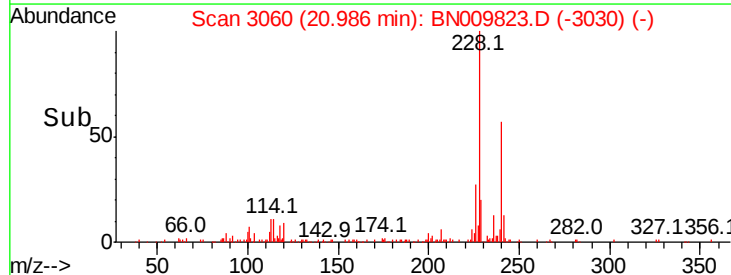
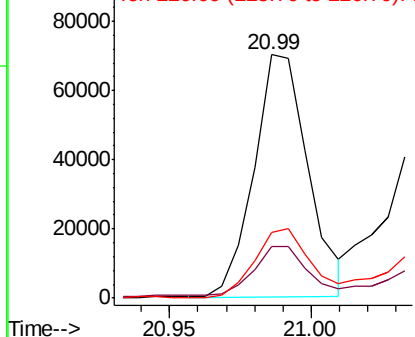


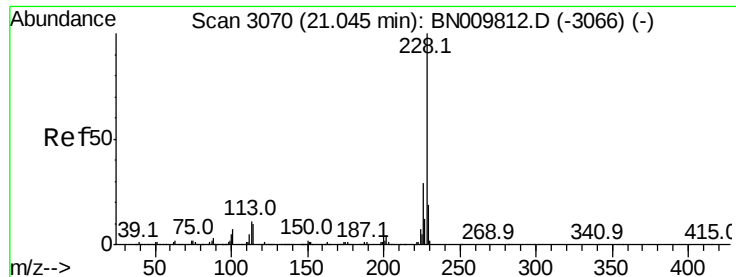
#83
Benzo(a)anthracene
Concen: 2.320 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN009823.D
Acq: 22 Feb 2020 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.0	22.4
226	27.1	21.4	32.2



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





#85

Chrysene

Concen: 2.351 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

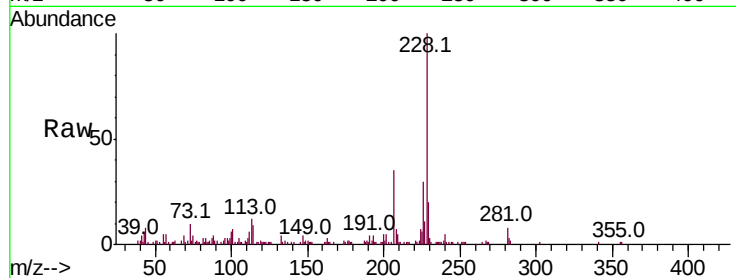
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 93453

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.6	15.0	22.4

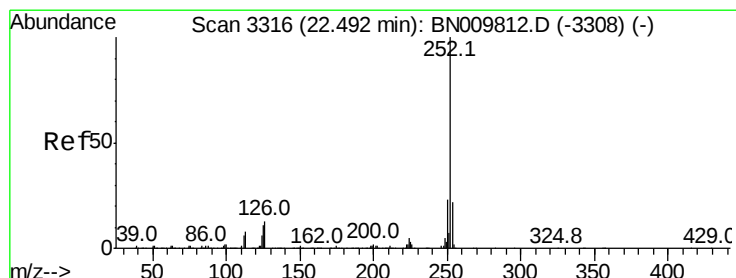
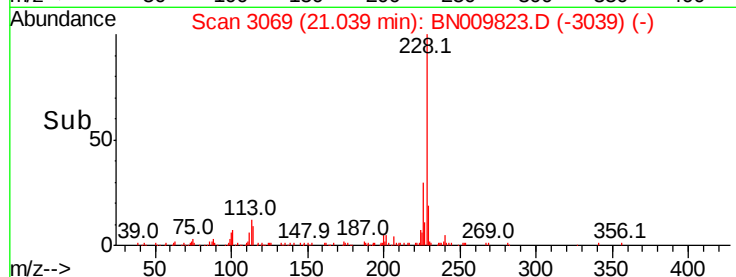
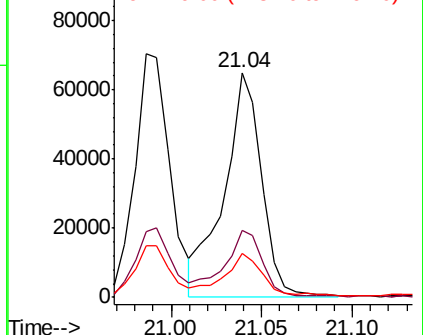


Abundance

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: 2.595 ng/ul

RT: 22.49 min Scan# 3316

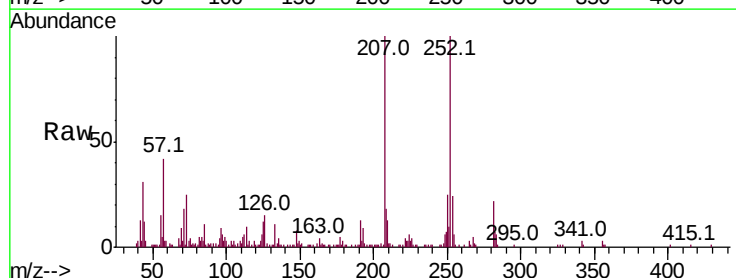
Delta R.T. -0.02 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

Tgt Ion:252 Resp: 108728

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.4
125	12.4	8.0	12.0#

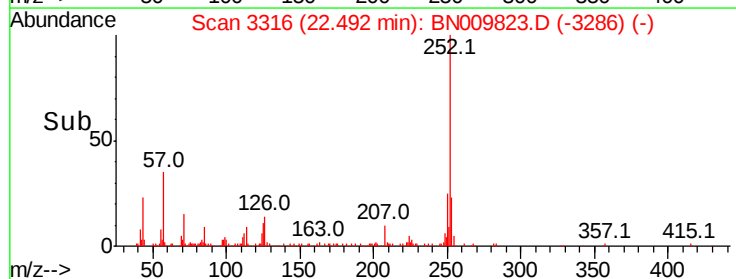
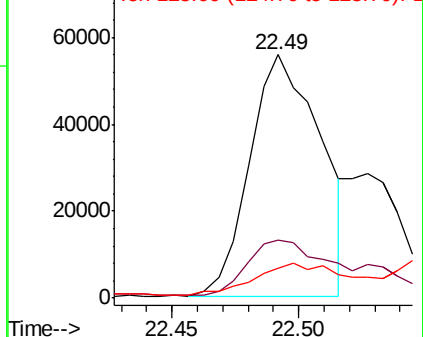


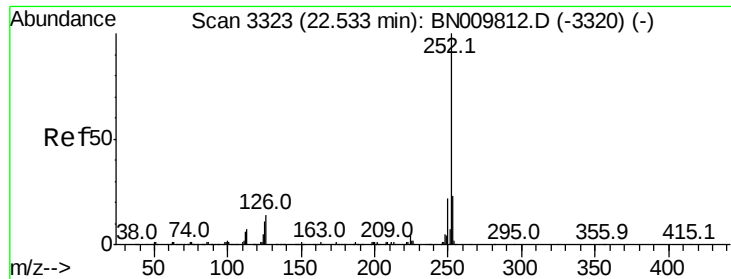
Abundance

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: 2.740 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.06 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

Instrument :

BNA_N

ClientSampleId :

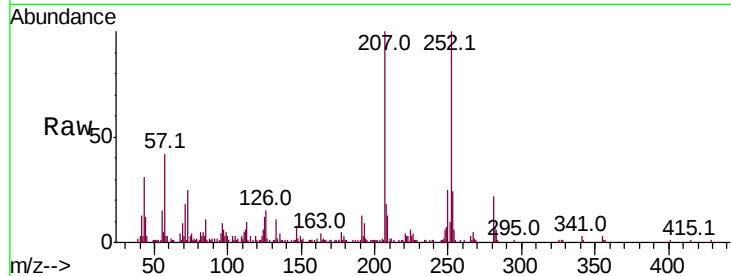
Tot Ion:252 Resp: 108728

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

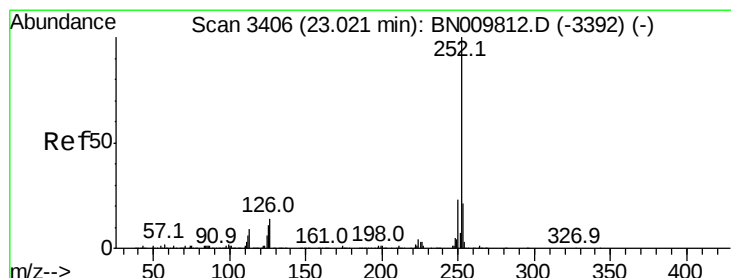
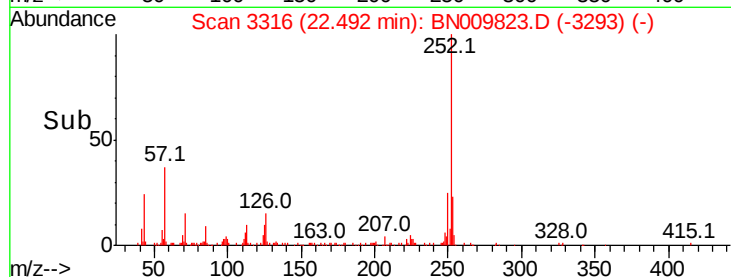
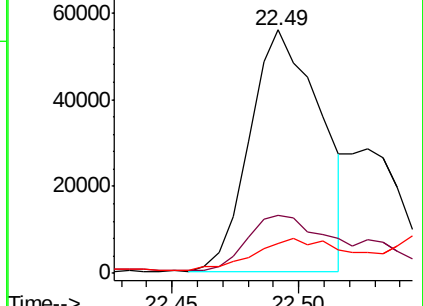
125 12.4 8.2 12.2#



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: 2.000 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.02 min

Lab File: BN009823.D

Acq: 22 Feb 2020 00:29

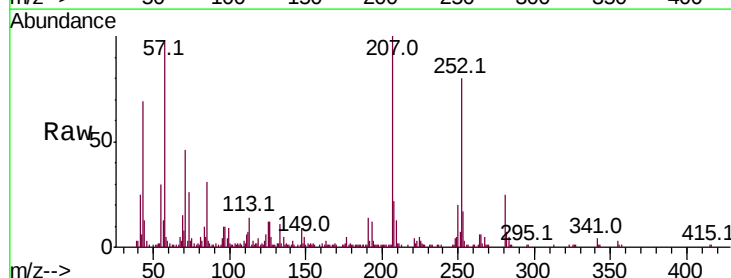
Tgt Ion:252 Resp: 75371

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

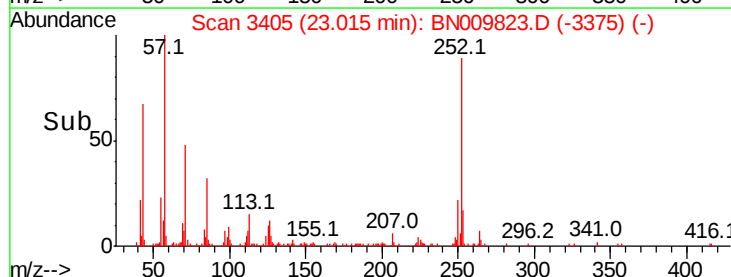
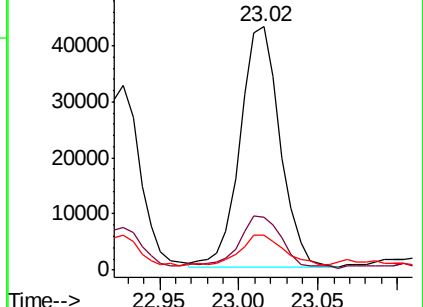
125 14.4 9.0 13.6#

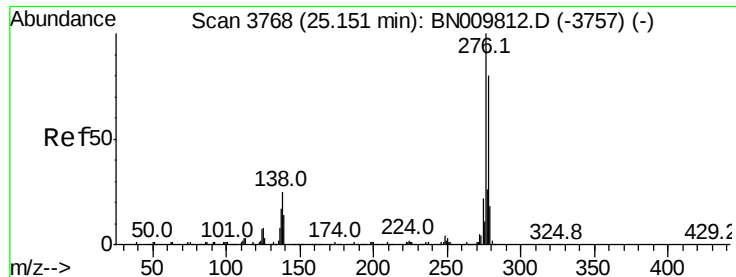


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.081 ng/ul
 RT: 25.15 min Scan# 3768
 Delta R.T. -0.03 min
 Lab File: BN009823.D
 Acq: 22 Feb 2020 00:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.9	31.3
277	22.8	18.2	27.4

