

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009825.D
 Acq On : 22 Feb 2020 01:40
 Operator : CG/JU
 Sample : L1535-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 22 02:19:02 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	117598	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	506244	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	323289	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	673061	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	592637	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	639196	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2030	0.71	ng/uL	0.00
5) Phenol-d5	6.60	99	37619	3.76	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	30662	4.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	32422	4.31	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	25067	3.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	14240	3.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	15611	3.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.79	165	24283	3.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	37212	4.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	109366	4.53	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	121403	4.27	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.32	143	3331	0.76	ng/ul	0.02
58) Fluorene-d10	15.04	176	97356	4.67	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	6502	1.56	ng/ul	0.00
71) Anthracene-d10	16.89	188	140816	4.56	ng/ul	-0.02
79) Pyrene-d10	19.19	212	167397	5.40	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	161027	5.04	ng/ul	-0.03

Target Compounds

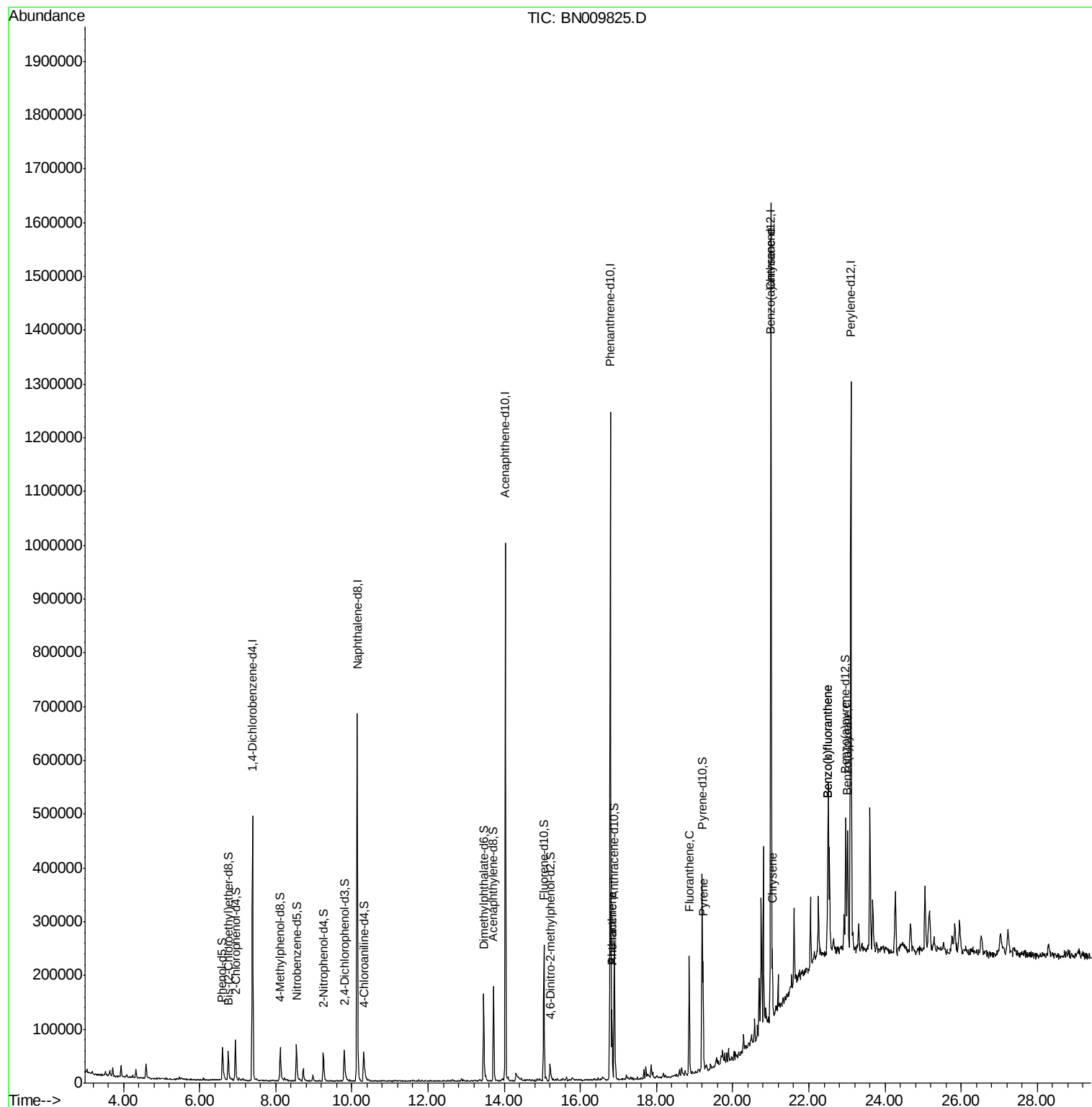
					Ovalue
70) Phenanthrene	16.83	178	71611	1.864	ng/ul 97
72) Anthracene	16.83	178	71611	1.824	ng/ul 97
77) Fluoranthene	18.86	202	126225	2.805	ng/ul# 95
80) Pyrene	19.22	202	117447	2.749	ng/ul 99
83) Benzo(a)anthracene	20.99	228	61510	1.510	ng/ul 98
85) Chrysene	21.04	228	62452	1.558	ng/ul 97
88) Benzo(b)fluoranthene	22.49	252	83280	2.010	ng/ul# 94
89) Benzo(k)fluoranthene	22.49	252	83280	2.122	ng/ul# 96
91) Benzo(a)pyrene	23.01	252	51784	1.389	ng/ul# 95

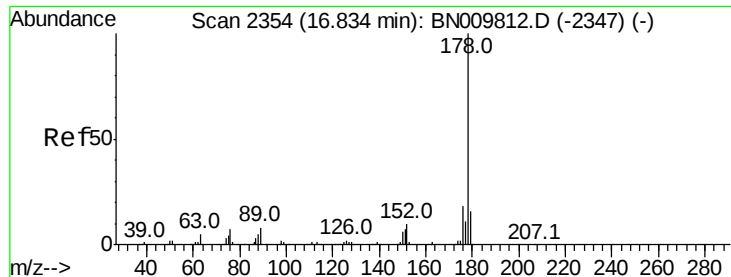
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#70

Phenanthrene

Concen: 1.864 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

Instrument :

BNA_N

ClientSampleId :

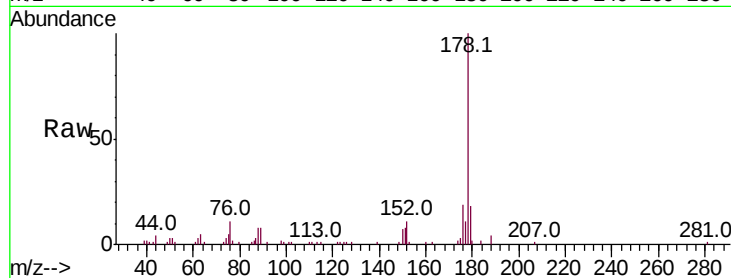
Tot Ion:178 Resp: 71611

Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

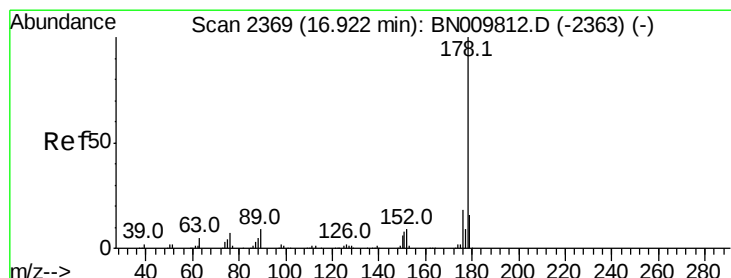
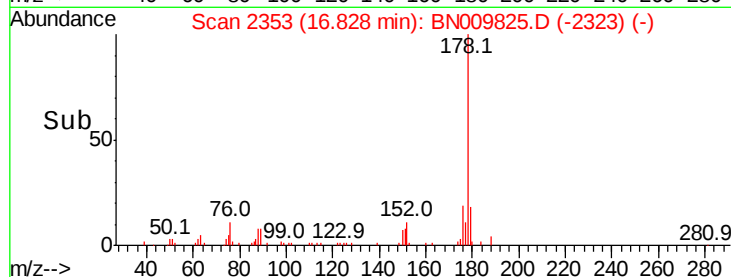
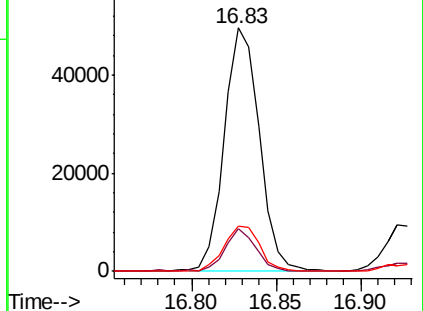
176 18.5 14.6 22.0



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



#72

Anthracene

Concen: 1.824 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.12 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

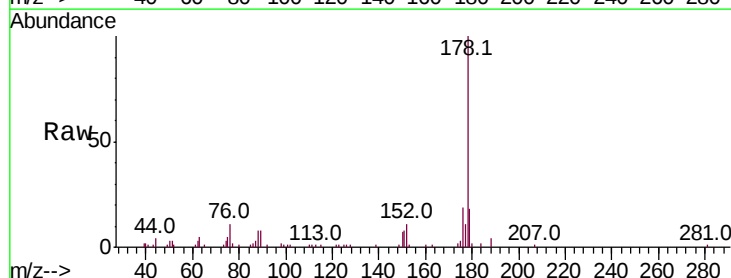
Tgt Ion:178 Resp: 71611

Ion Ratio Lower Upper

178 100

179 17.7 12.2 18.2

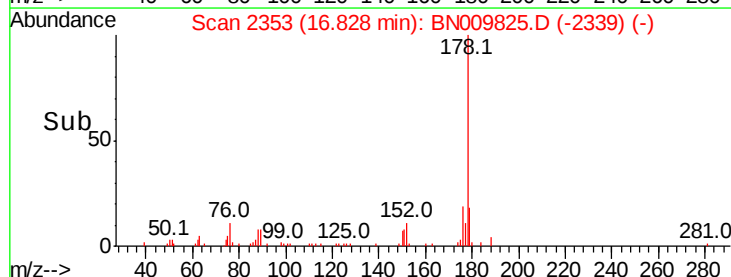
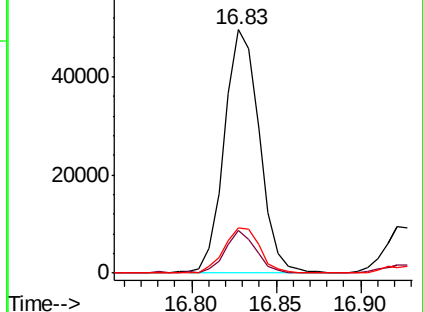
176 18.5 14.6 21.8

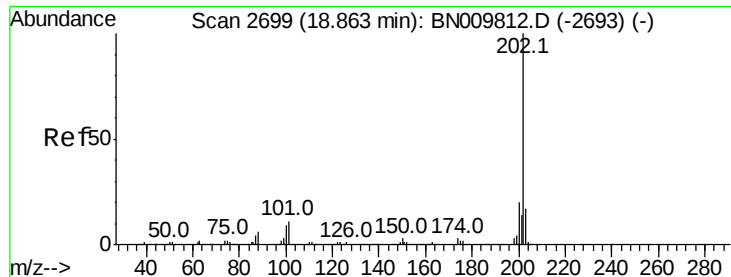


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.805 ng/ul

RT: 18.86 min Scan# 2699

Delta R.T. -0.02 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

Instrument :

BNA_N

ClientSampleId :

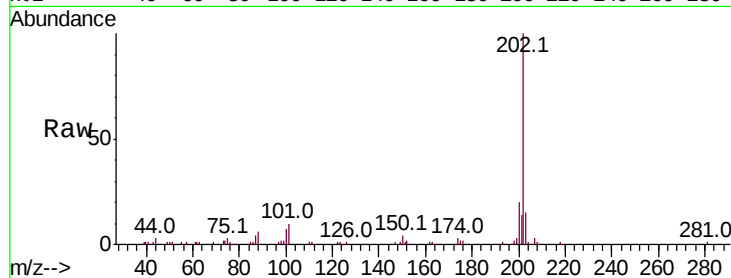
Tot Ion:202 Resp: 126225

Ion Ratio Lower Upper

202 100

101 10.0 9.4 14.2

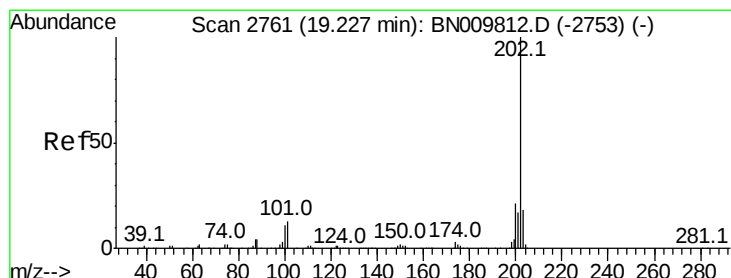
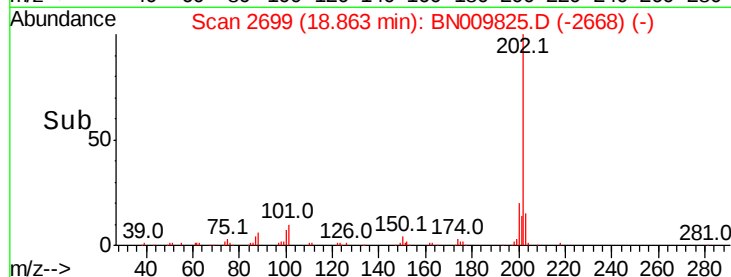
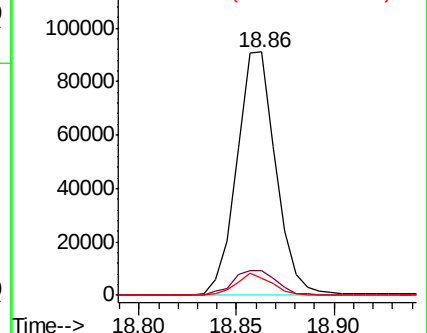
100 7.1 7.2 10.8#



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

Pyrene

Concen: 2.749 ng/ul

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

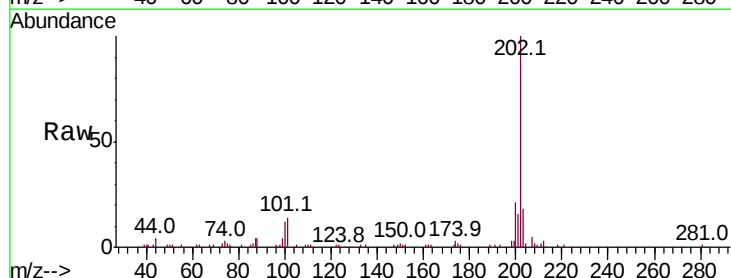
Tgt Ion:202 Resp: 117447

Ion Ratio Lower Upper

202 100

101 14.0 11.3 16.9

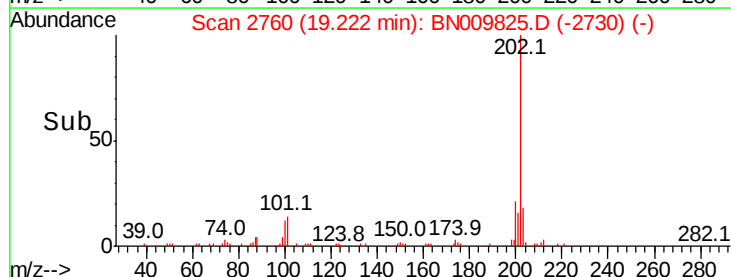
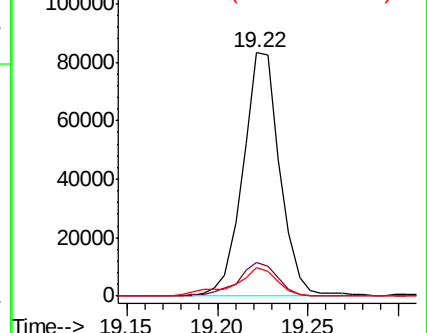
100 11.9 9.0 13.6

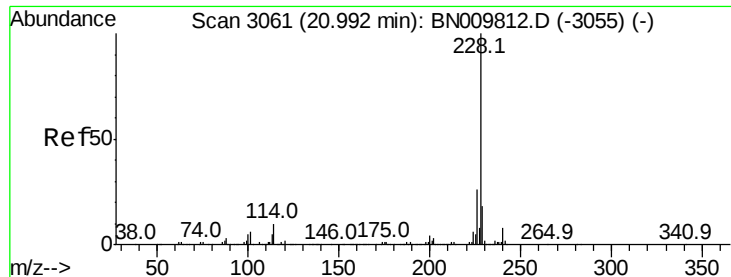


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.510 ng/ul

RT: 20.99 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

Instrument :

BNA_N

ClientSampleId :

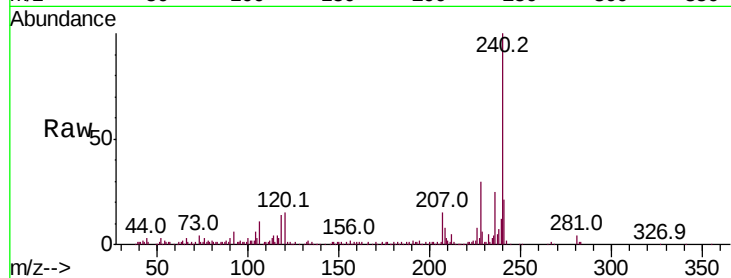
Tot Ion:228 Resp: 61510

Ion Ratio Lower Upper

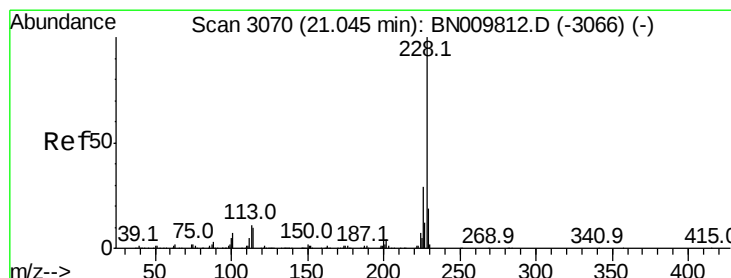
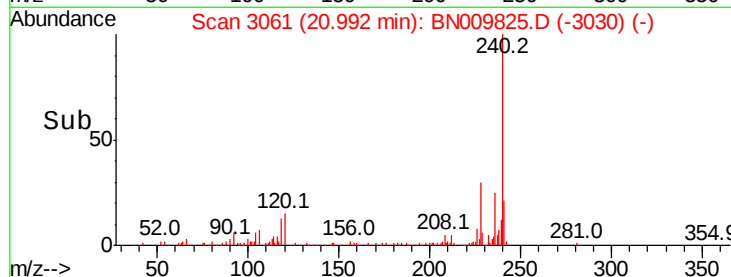
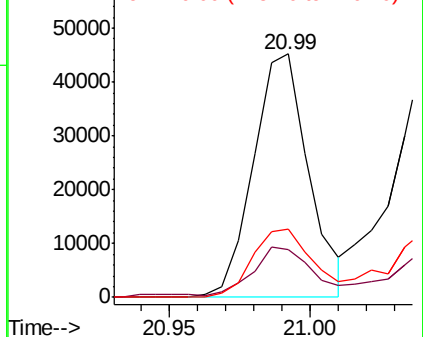
228 100

229 19.8 15.0 22.4

226 28.0 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: 1.558 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

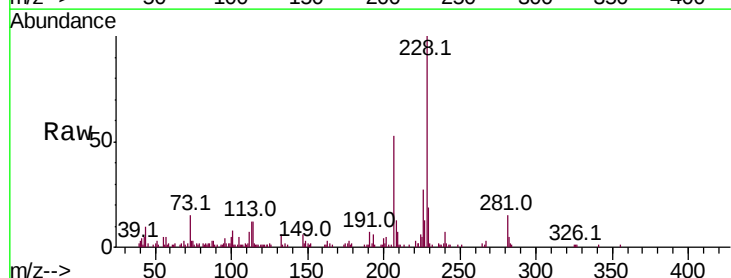
Tgt Ion:228 Resp: 62452

Ion Ratio Lower Upper

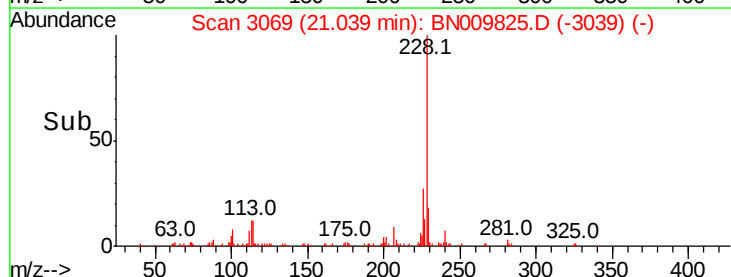
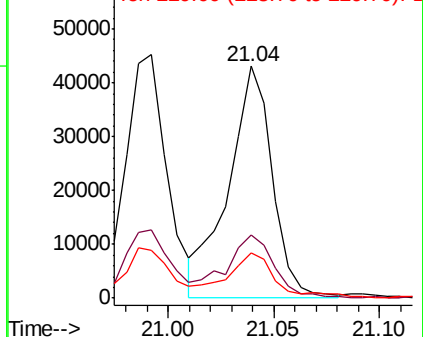
228 100

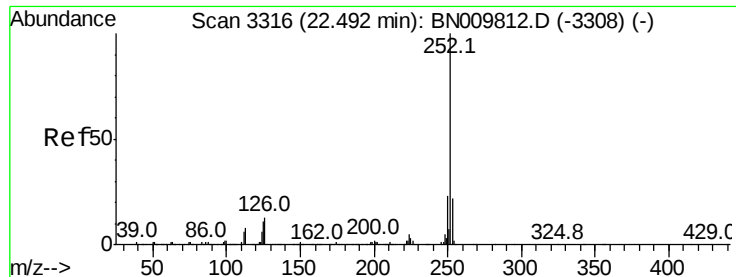
226 27.2 23.4 35.2

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: 2.010 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BN009825.D

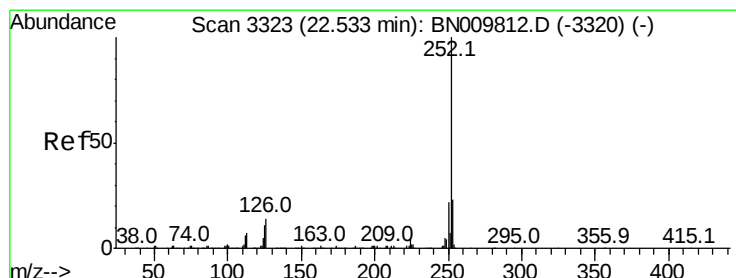
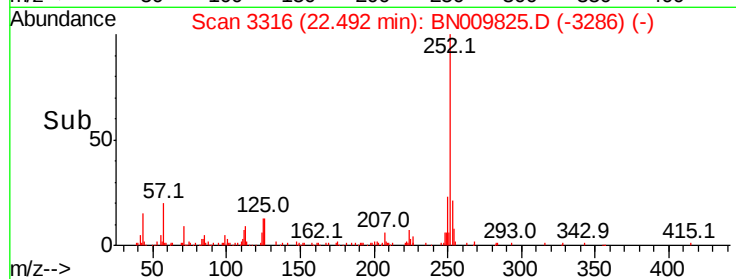
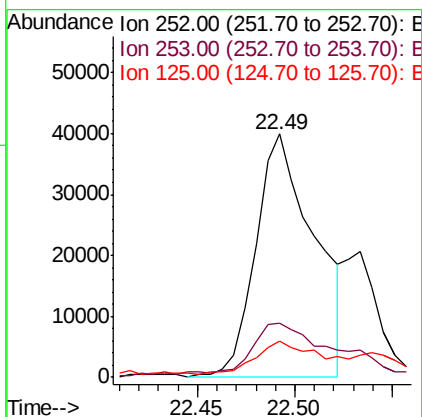
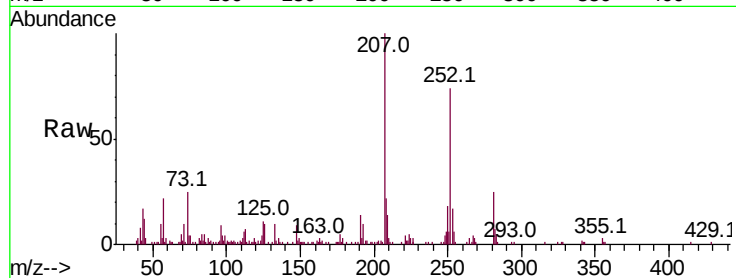
Acq: 22 Feb 2020 01:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	83280
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.0 25.4
125	14.8	8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.122 ng/ul

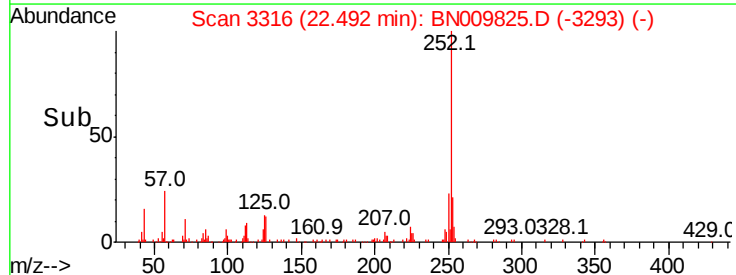
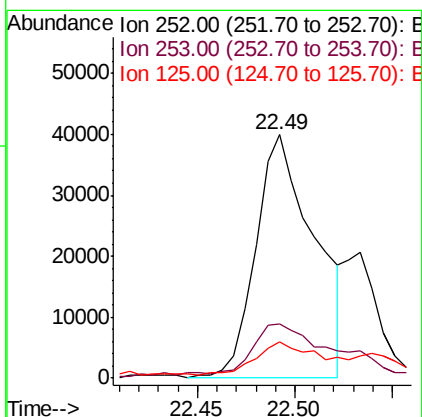
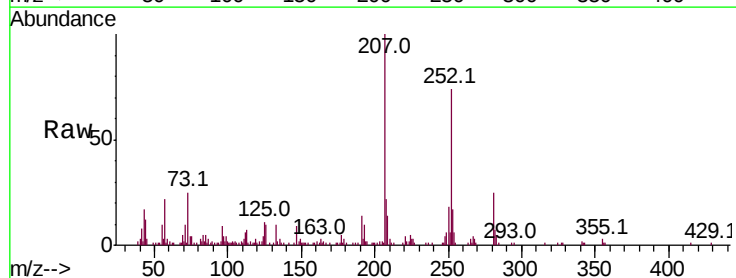
RT: 22.49 min Scan# 3316

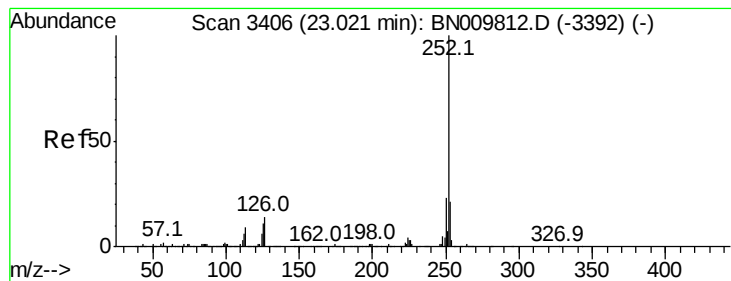
Delta R.T. -0.06 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

Tgt Ion:252	Resp:	83280
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.0 27.0
125	14.8	8.2 12.2#





#91

Benzo(a)pyrene

Concen: 1.389 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.03 min

Lab File: BN009825.D

Acq: 22 Feb 2020 01:40

Instrument :

BNA_N

ClientSampleId :

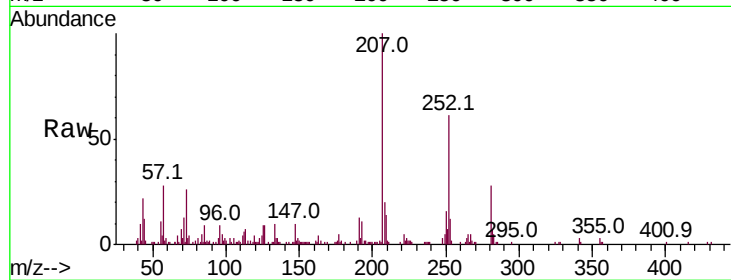
Tot Ion:252 Resp: 51784

Ion Ratio Lower Upper

252 100

253 20.3 17.4 26.0

125 15.1 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

