

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009578.D
 Acq On : 04 Feb 2020 23:28
 Operator : CG/JU
 Sample : L1302-16
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 00:26:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	139922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	593132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	369033	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	779929	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	733692	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	771122	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	4317	1.27	ng/uL	0.01
5) Phenol-d5	6.64	99	75278	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	59646	7.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	64887	7.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	38888	4.00	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	30616	6.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	31955	6.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	57738	6.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	65474	6.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	208275	7.73	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	241604	7.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	17495	3.44	ng/ul	0.01
57) Fluorene-d10	15.08	176	187589	7.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	17457	3.58	ng/ul	0.00
70) Anthracene-d10	16.93	188	277531	7.83	ng/ul	0.00
78) Pyrene-d10	19.23	212	350378	9.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	350287	9.23	ng/ul	0.00

Target Compounds

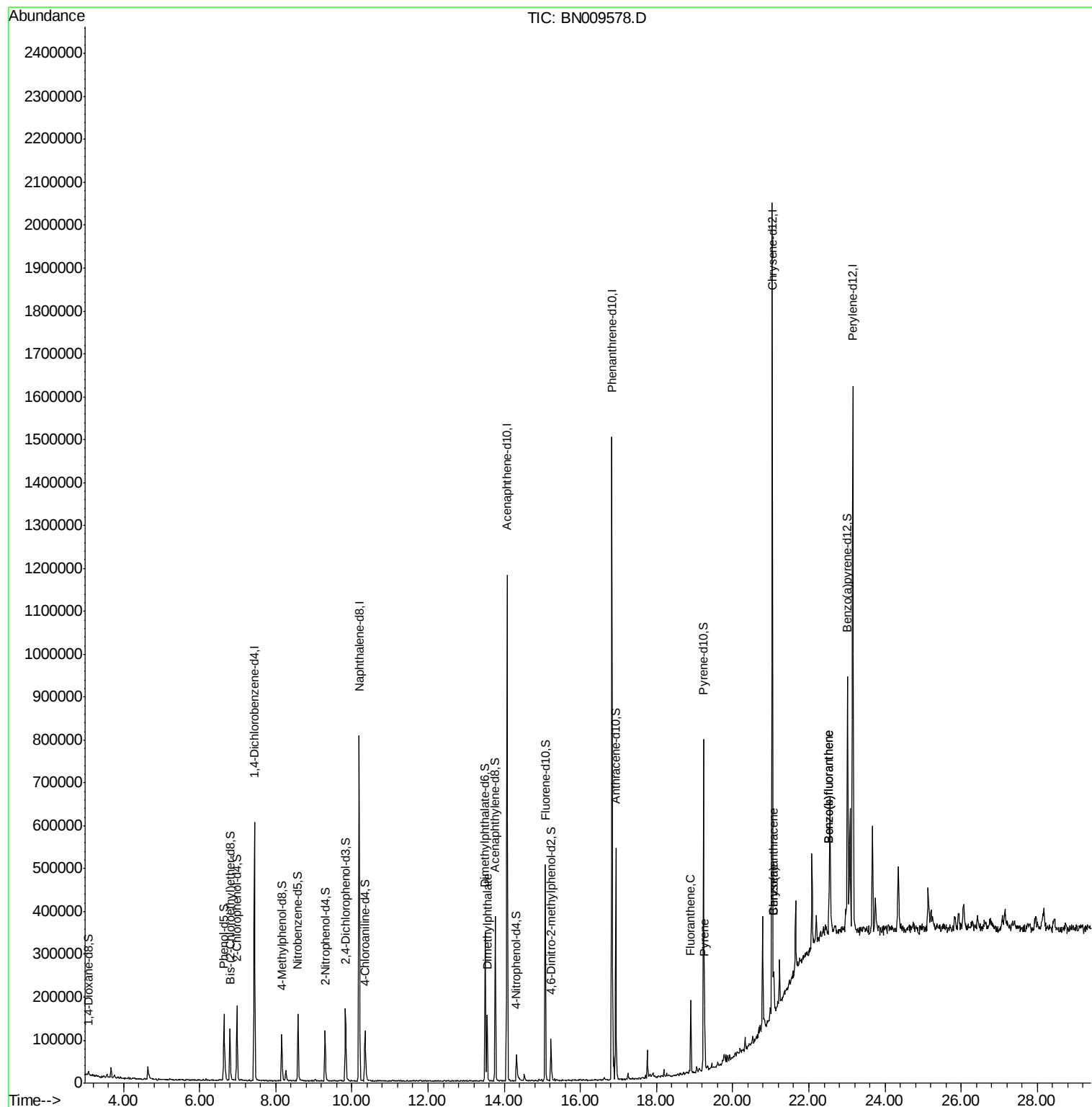
					Ovalue
44) Dimethylphthalate	13.55	163	92100	3.221 ng/ul	97
76) Fluoranthene	18.90	202	98403	1.938 ng/ul	99
79) Pyrene	19.26	202	87339	1.631 ng/ul	99
82) Benzo(a)anthracene	21.07	228	55350	1.093 ng/ul	93
84) Chrysene	21.07	228	55350	1.098 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	77034	1.597 ng/ul#	91
88) Benzo(k)fluoranthene	22.53	252	77034	1.621 ng/ul#	91

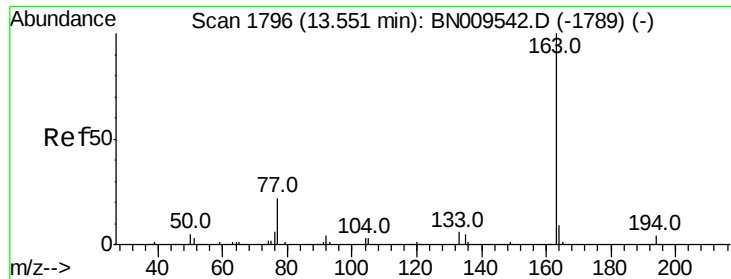
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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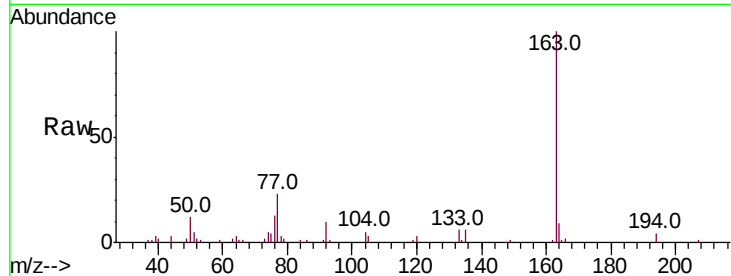




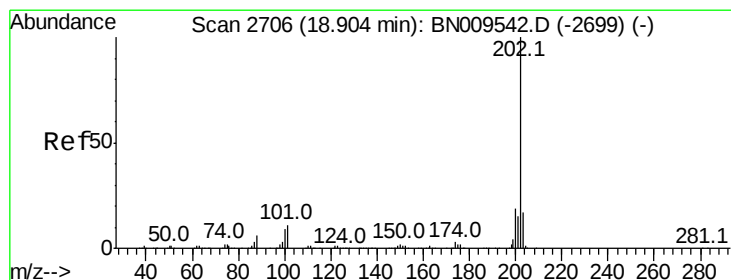
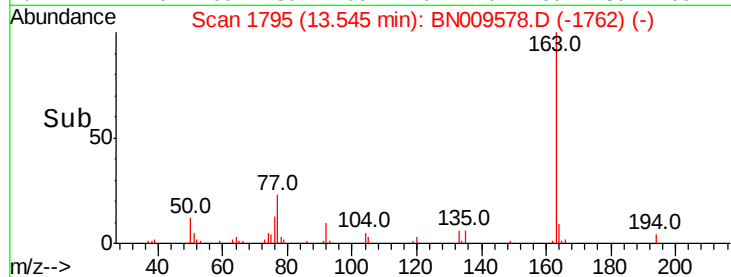
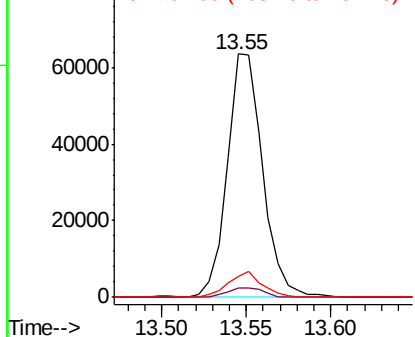
#44
Dimethylphthalate
Concen: 3.221 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009578.D
Acq: 04 Feb 2020 23:28

Instrument :
BNA_N
ClientSampled :

Tot Ion:163 Resp: 92100
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 8.7 8.0 12.0

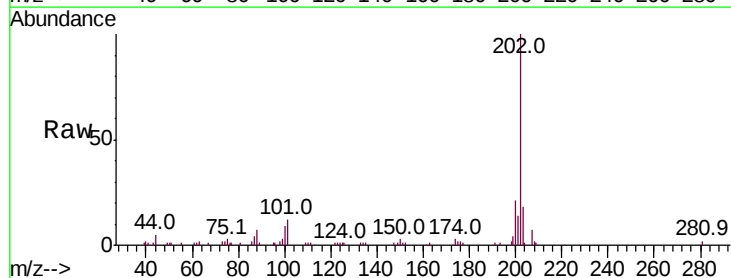


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

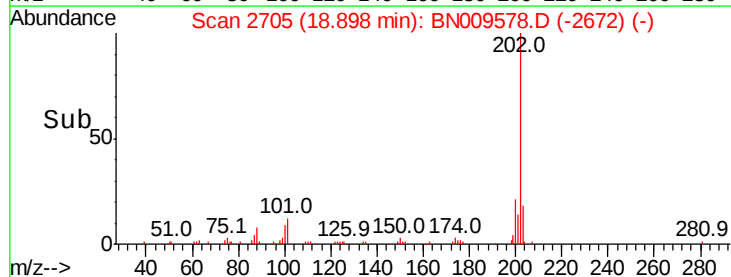
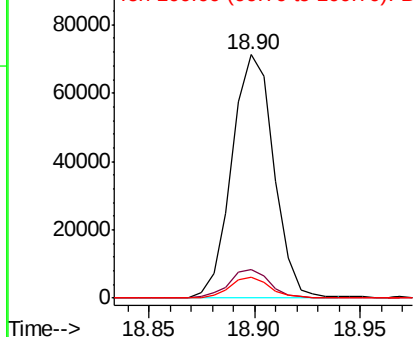


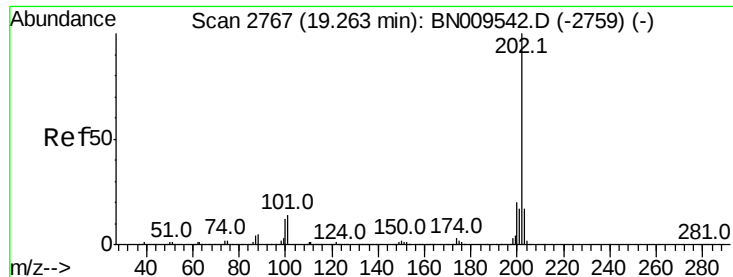
#76
Fluoranthene
Concen: 1.938 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009578.D
Acq: 04 Feb 2020 23:28

Tgt Ion:202 Resp: 98403
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 8.6 6.9 10.3



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

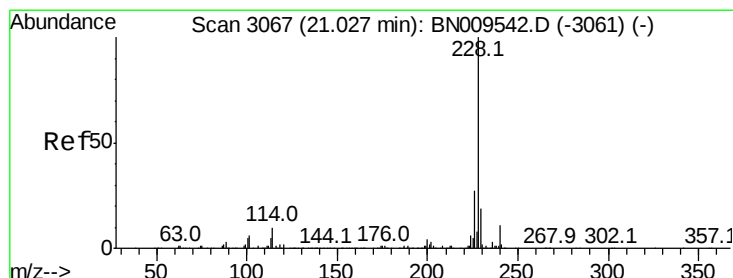
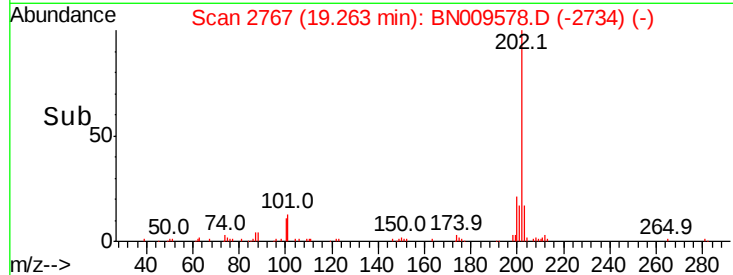
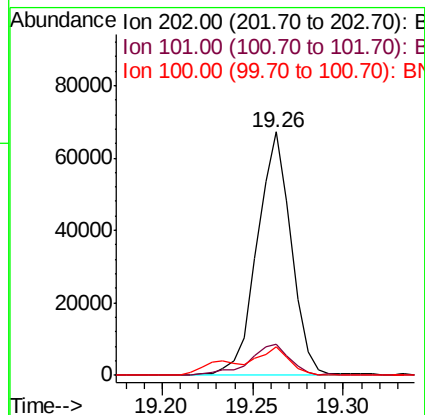
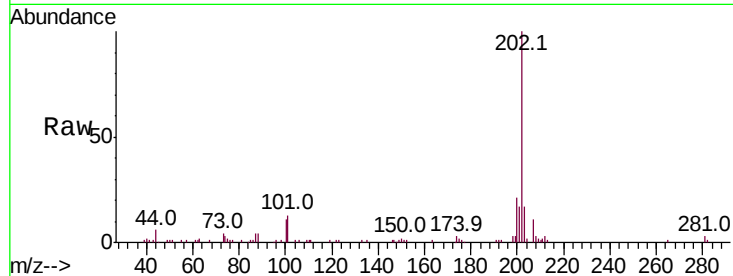




#79
Pvrene
Concen: 1.631 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009578.D
Acq: 04 Feb 2020 23:28

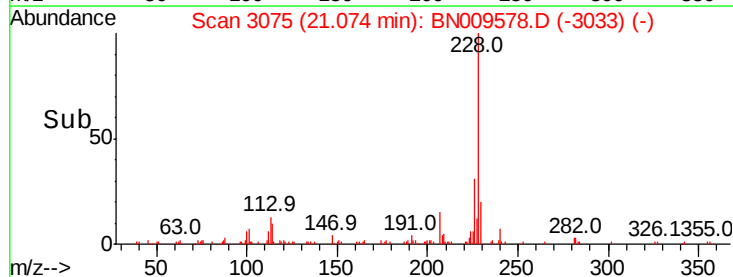
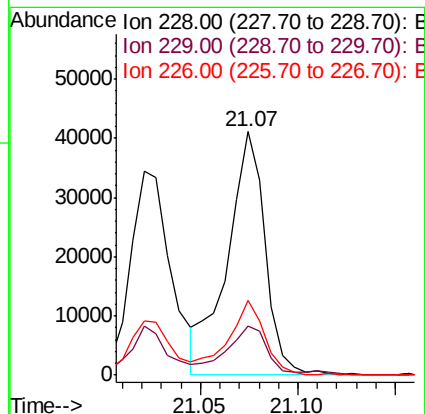
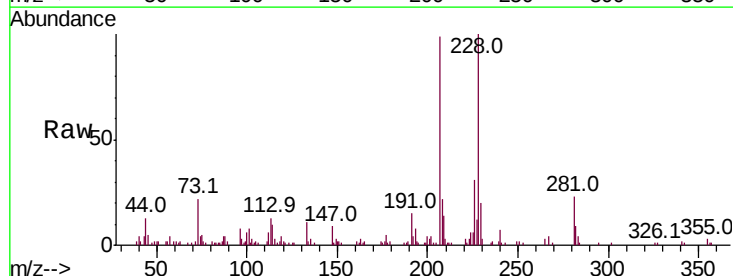
Instrument :
BNA_N
ClientSampleId :

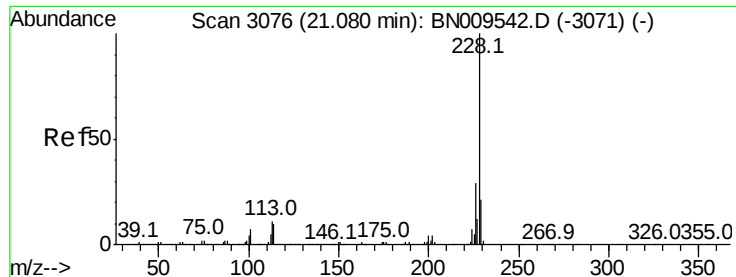
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.3	15.5
100	11.5	8.4	12.6



#82
Benzo(a)anthracene
Concen: 1.093 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.05 min
Lab File: BN009578.D
Acq: 04 Feb 2020 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	30.6	20.9	31.3





#84

Chrysene

Concen: 1.098 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009578.D

Acq: 04 Feb 2020 23:28

Instrument :

BNA_N

ClientSampled :

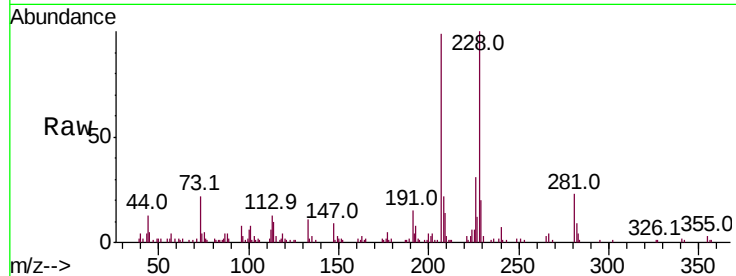
Tot Ion:228 Resp: 55350

Ion Ratio Lower Upper

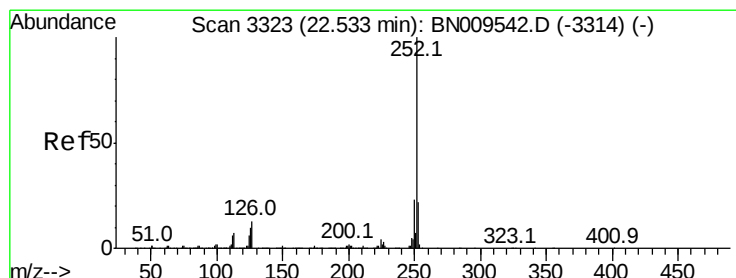
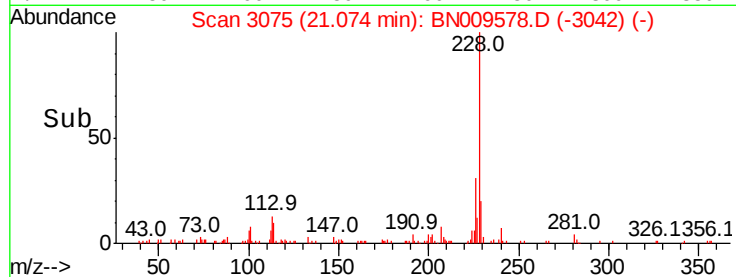
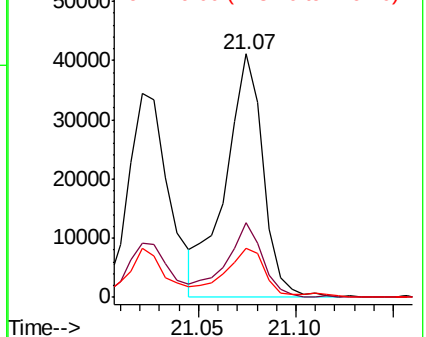
228 100

226 30.6 23.5 35.3

229 20.4 15.8 23.8



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: 1.597 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BN009578.D

Acq: 04 Feb 2020 23:28

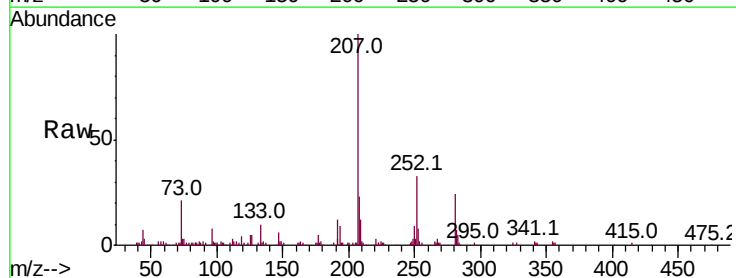
Tgt Ion:252 Resp: 77034

Ion Ratio Lower Upper

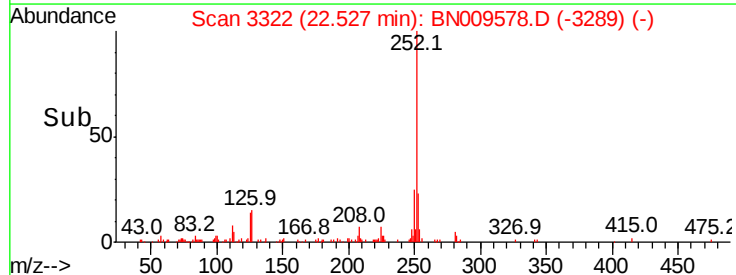
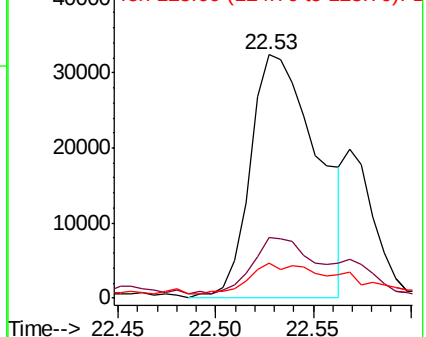
252 100

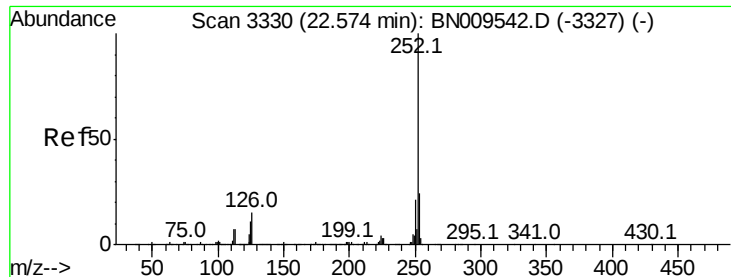
253 24.8 17.0 25.6

125 14.2 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





#88

Benzo(k)fluoranthene

Concen: 1.621 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.05 min

Lab File: BN009578.D

Acq: 04 Feb 2020 23:28

Instrument :

BNA_N

ClientSampleId :

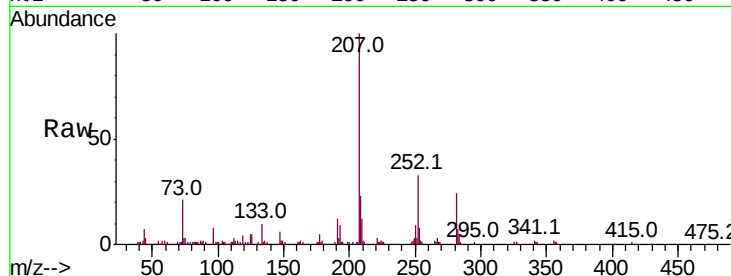
Tot Ion:252 Resp: 77034

Ion Ratio Lower Upper

252 100

253 24.8 17.0 25.4

125 14.2 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

