

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009658.D
 Acq On : 07 Feb 2020 22:13
 Operator : CG/JU
 Sample : L1401-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 07 23:20:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	136314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	555141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	337662	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	704471	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	710464	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	743887	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7512	2.26	ng/uL	0.00
5) Phenol-d5	6.63	99	148462	12.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	101544	12.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	115217	13.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	113614	12.00	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	52134	12.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	57025	12.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	103874	12.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	140075	15.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	331496	13.45	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	398526	13.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	36274	7.79	ng/ul	0.00
57) Fluorene-d10	15.07	176	286733	13.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	34130	7.76	ng/ul	0.00
70) Anthracene-d10	16.92	188	439935	13.74	ng/ul	0.00
78) Pyrene-d10	19.23	212	515488	13.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	520558	14.21	ng/ul	0.00

Target Compounds

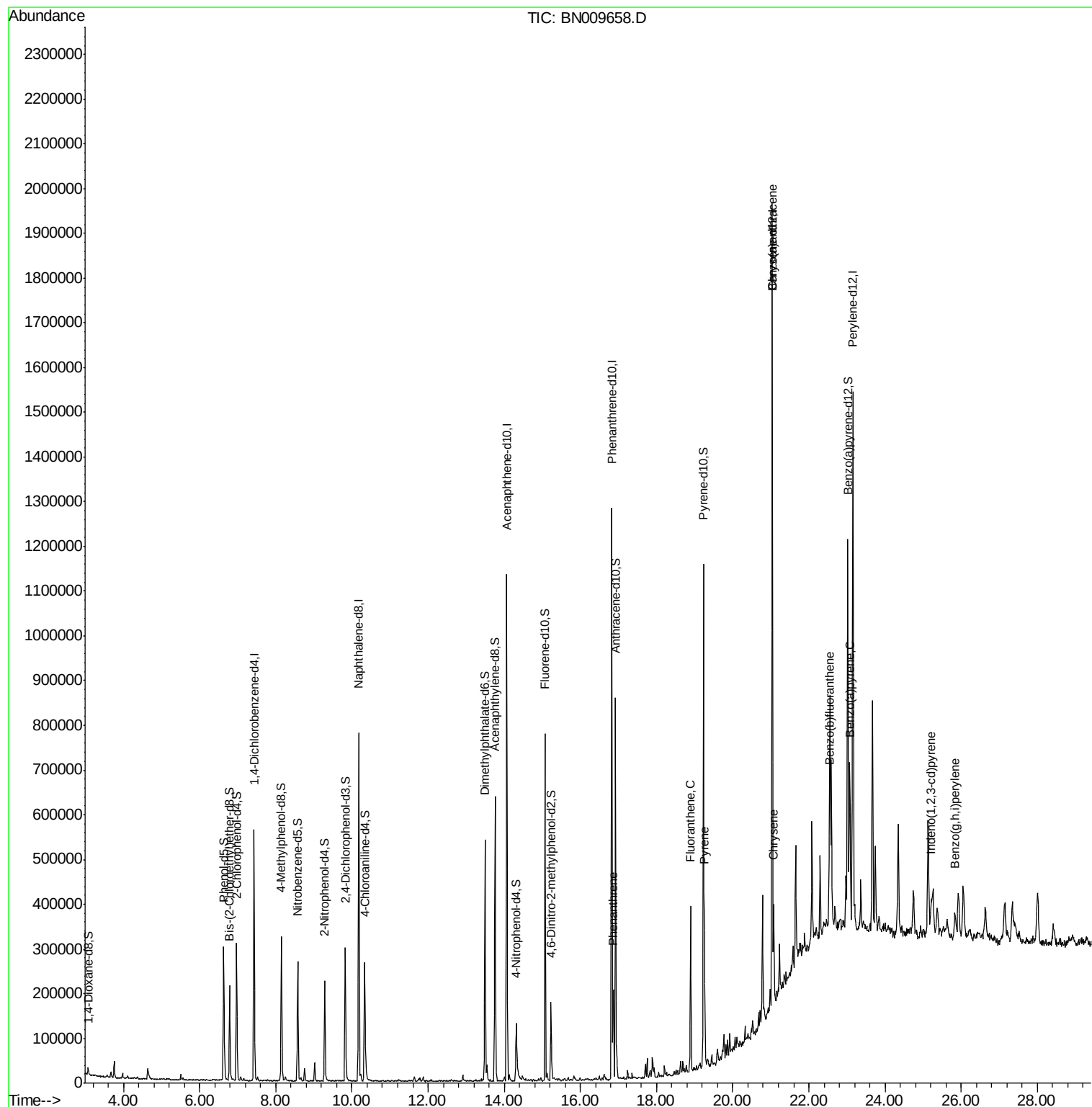
					Ovalue	
69) Phenanthrene	16.87	178	115127	2.866	ng/ul	98
76) Fluoranthene	18.89	202	209941	4.579	ng/ul	98
79) Pyrene	19.26	202	190787	3.679	ng/ul	96
82) Benzo(a)anthracene	21.03	228	115199	2.348	ng/ul	95
84) Chrysene	21.07	228	112175	2.297	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	145128	3.118	ng/ul#	97
90) Benzo(a)pyrene	23.06	252	93791	2.175	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.22	276	59438	1.159	ng/ul	96
93) Benzo(a,h,i)perylene	25.84	276	59503	1.385	ng/ul	95

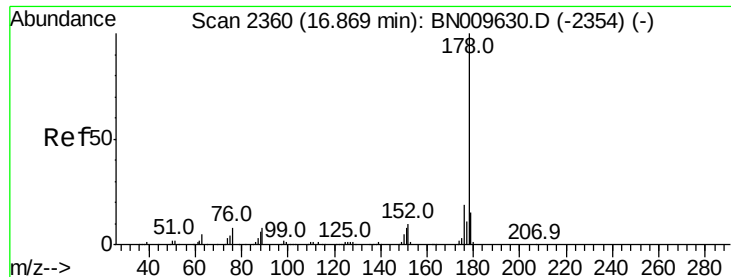
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.866 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

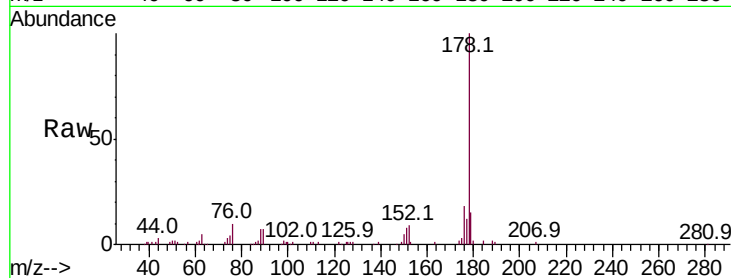
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 115127

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.2	18.2
176	17.7	14.8	22.2

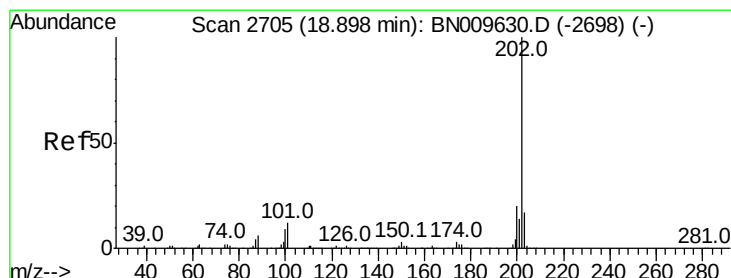
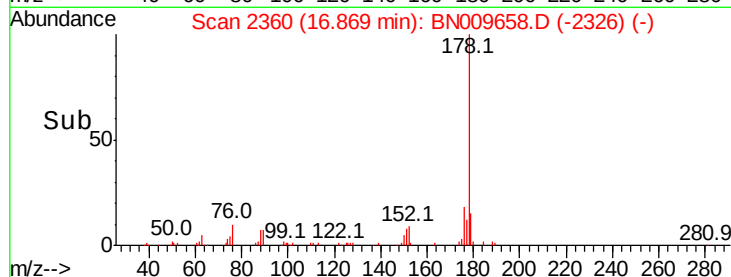
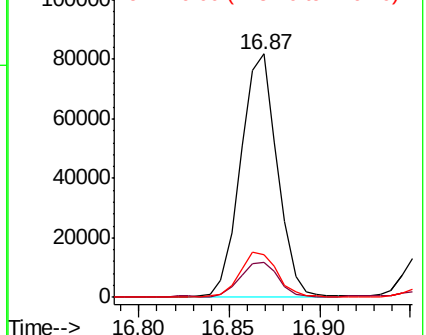


Abundance

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



#76

Fluoranthene

Concen: 4.579 ng/ul

RT: 18.89 min Scan# 2704

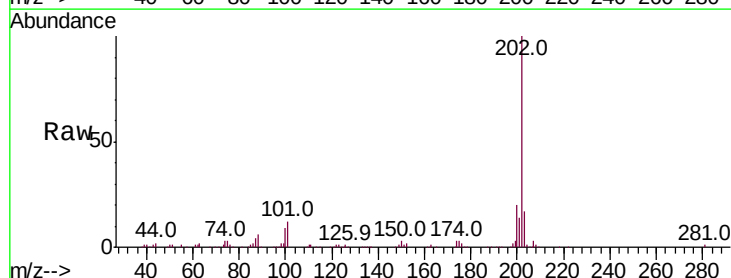
Delta R.T. -0.01 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

Tgt Ion:202 Resp: 209941

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
100	9.4	6.9	10.3

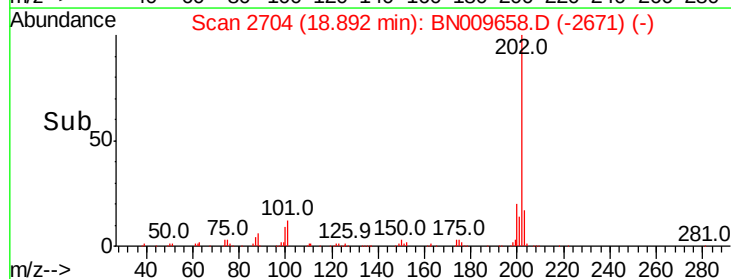
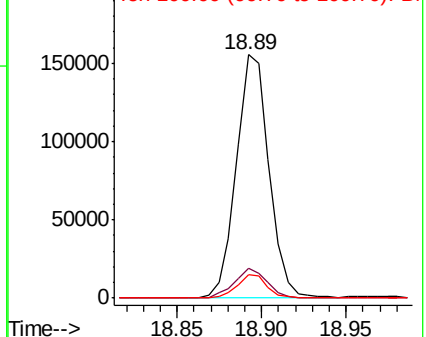


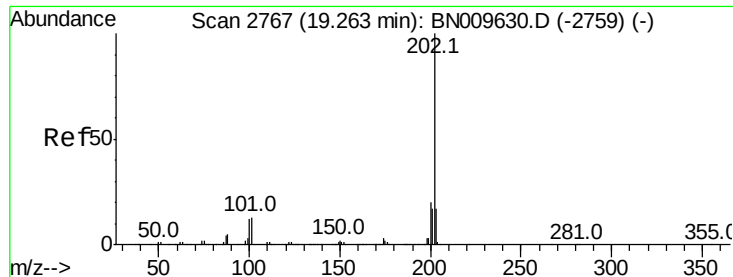
Abundance

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: 3.679 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009658.D

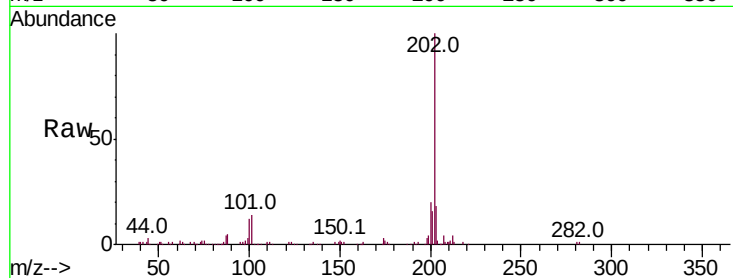
Acq: 07 Feb 2020 22:13

Instrument :

BNA_N

ClientSampleId :

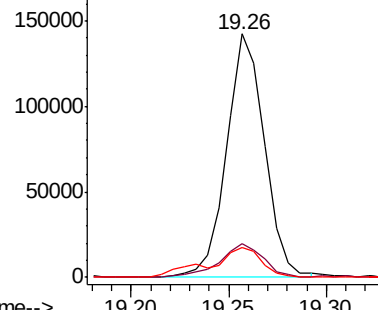
Tot Ion:	202	Resp:	190787
Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.3	15.5
100	12.3	8.4	12.6



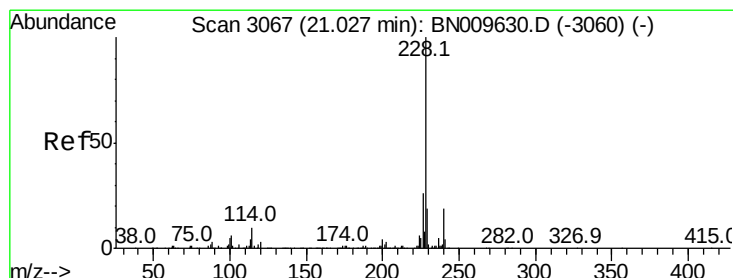
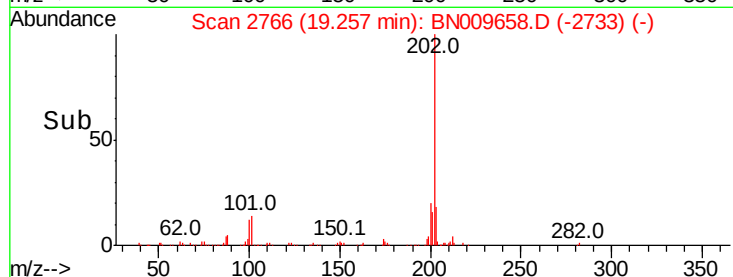
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#82

Benzo(a)anthracene

Concen: 2.348 ng/ul

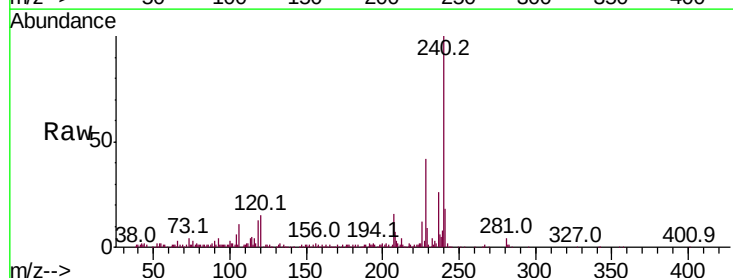
RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

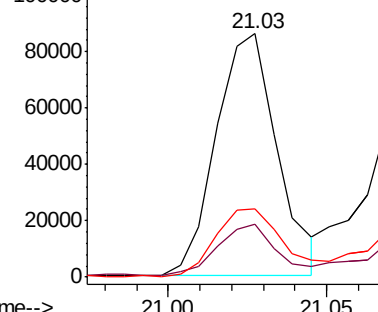
Tgt Ion:	228	Resp:	115199
Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.0	22.4
226	28.1	20.9	31.3



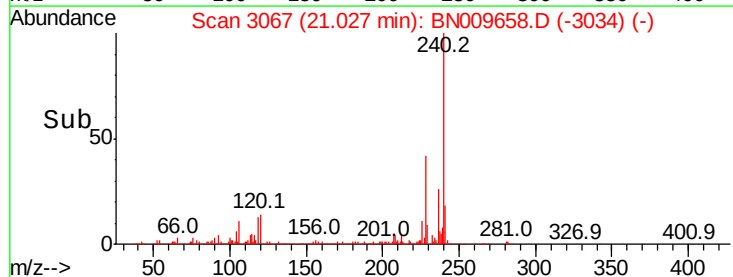
Abundance Ion 228.00 (227.70 to 228.70): E

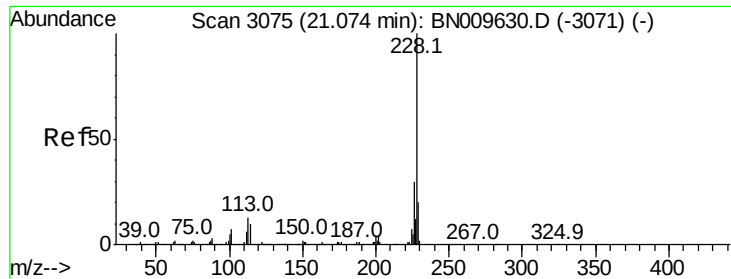
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#84

Chrysene

Concen: 2.297 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

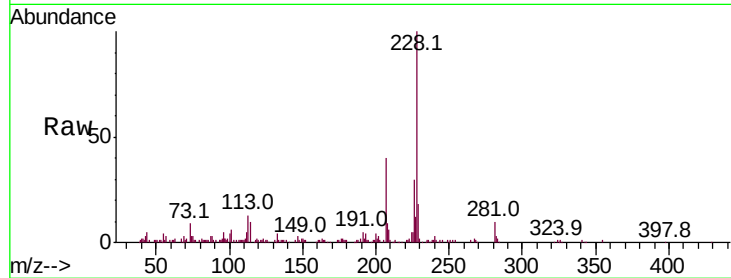
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 112175

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	18.2	15.8	23.8

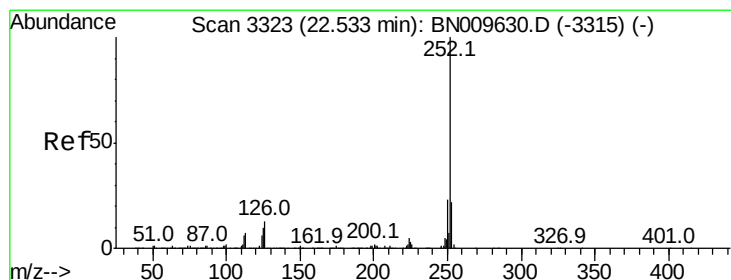
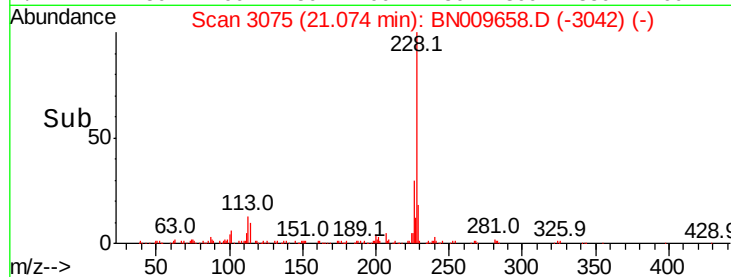
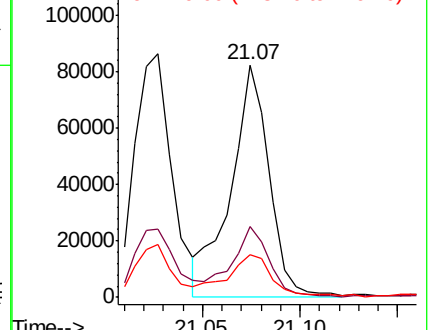


Abundance

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: 3.118 ng/ul

RT: 22.53 min Scan# 3323

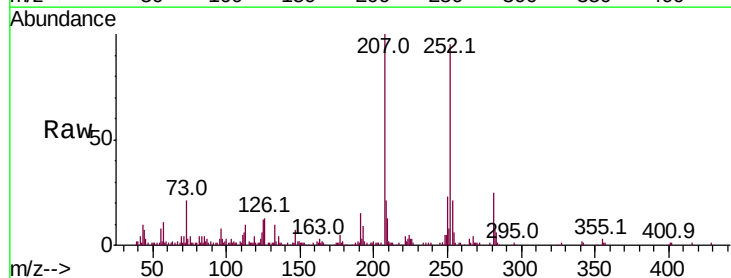
Delta R.T. -0.01 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

Tgt Ion:252 Resp: 145128

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.6	8.2	12.2#

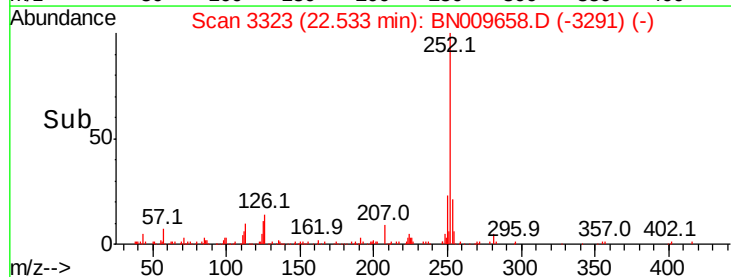
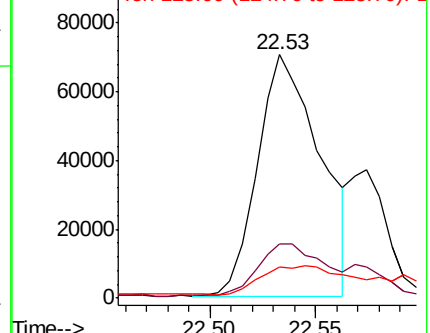


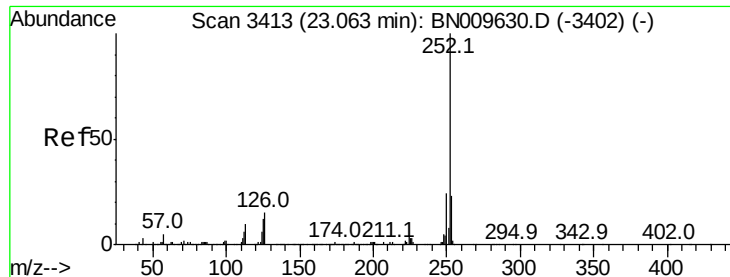
Abundance

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





#90

Benzo(a)pyrene

Concen: 2.175 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

Instrument :

BNA_N

ClientSampleId :

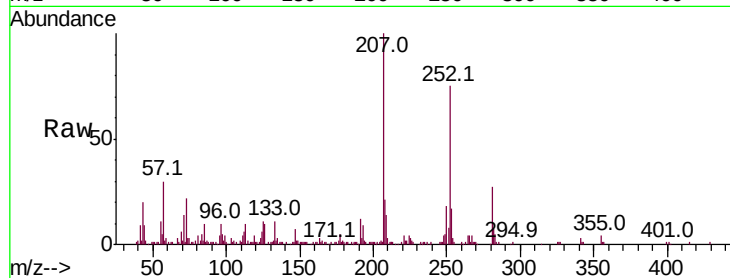
Tot Ion:252 Resp: 93791

Ion Ratio Lower Upper

252 100

253 22.9 15.8 23.8

125 14.4 8.7 13.1#

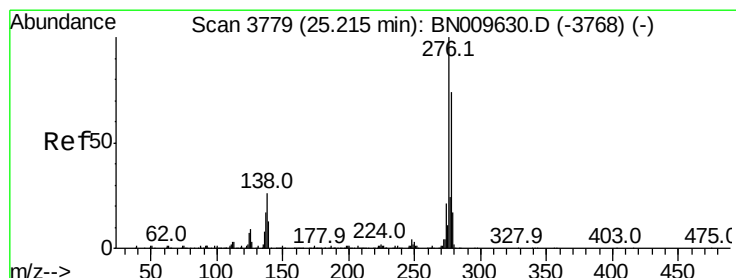
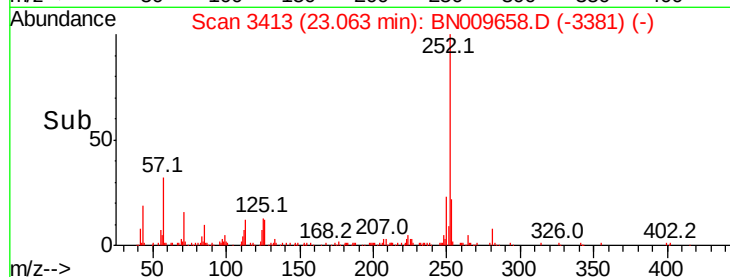
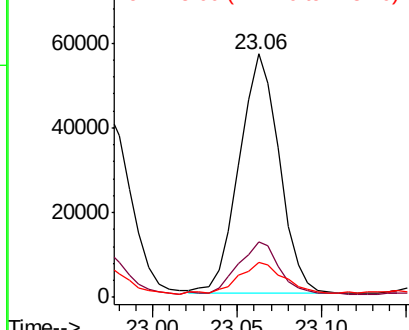


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 1.159 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

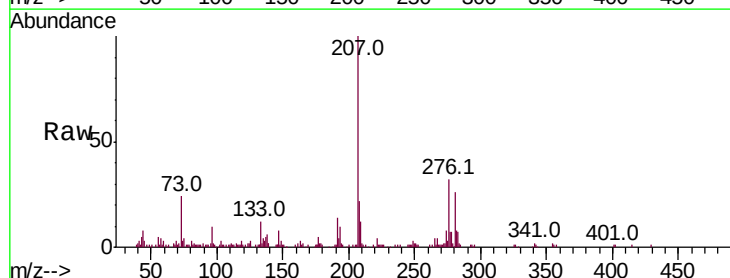
Tgt Ion:276 Resp: 59438

Ion Ratio Lower Upper

276 100

138 25.1 20.3 30.5

277 23.2 21.2 31.8

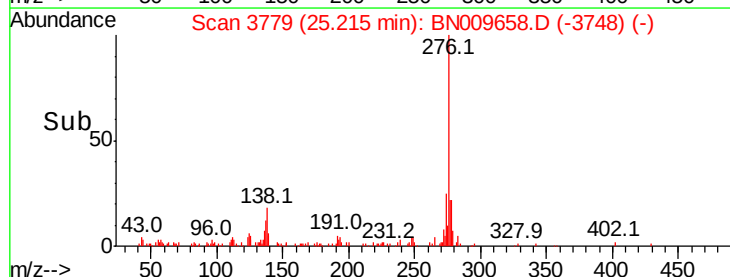
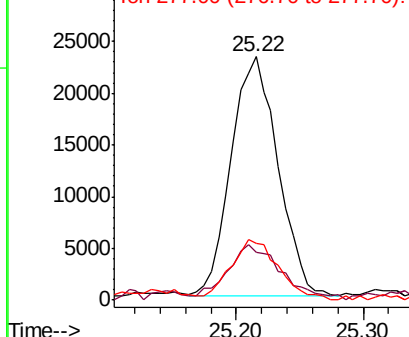


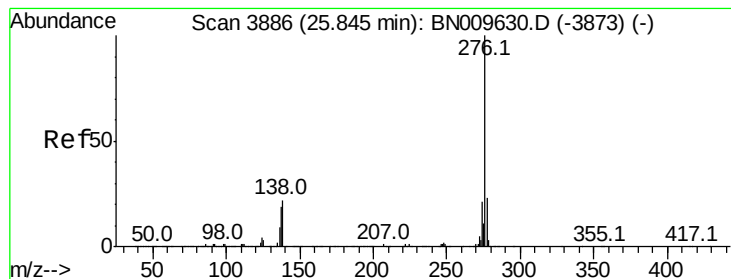
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.385 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BN009658.D

Acq: 07 Feb 2020 22:13

Instrument :

BNA_N

ClientSampleId :

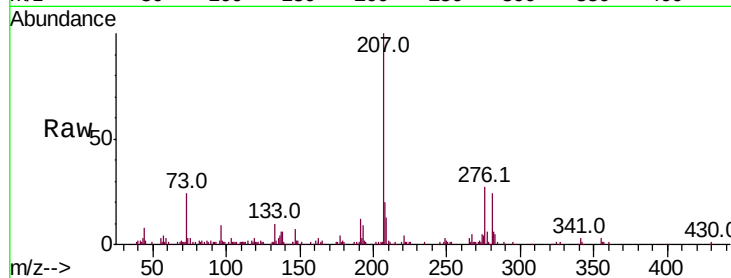
Tot Ion:276 Resp: 59503

Ion Ratio Lower Upper

276 100

138 23.8 16.0 24.0

277 21.8 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

