

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009669.D
 Acq On : 08 Feb 2020 05:23
 Operator : CG/JU
 Sample : L1401-13
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 10 02:42:06 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	150511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	633396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	387125	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	790627	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	750909	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	751933	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	13751	3.75	ng/uL	0.00
5) Phenol-d5	6.63	99	271210	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	193130	21.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	219324	22.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	215769	20.64	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	108275	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	119664	22.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	209679	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	288906	27.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	673277	23.82	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	808815	23.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	93027	17.43	ng/ul	0.00
57) Fluorene-d10	15.07	176	581031	23.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	86604	17.54	ng/ul	0.00
70) Anthracene-d10	16.92	188	885572	24.65	ng/ul	0.00
78) Pyrene-d10	19.23	212	957245	24.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	957514	25.86	ng/ul	-0.01

Target Compounds

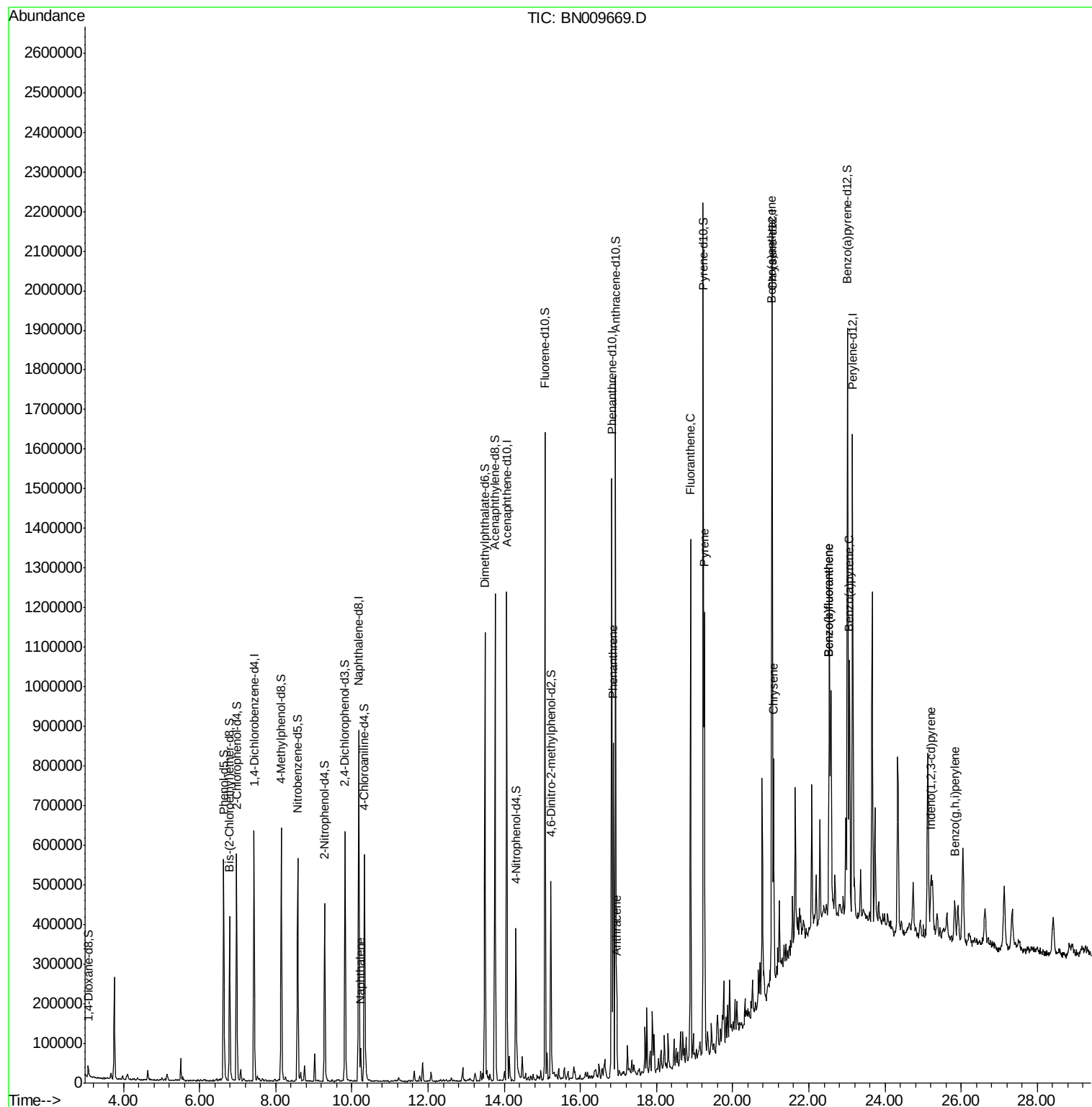
					Ovalue
28) Naphthalene	10.23	128	56714	1.651	ng/ul 99
69) Phenanthrene	16.86	178	458806	10.176	ng/ul 100
71) Anthracene	16.96	178	95163	2.080	ng/ul 99
76) Fluoranthene	18.89	202	692763	13.462	ng/ul 99
79) Pyrene	19.26	202	602154	10.985	ng/ul 97
82) Benzo(a)anthracene	21.02	228	304407	5.871	ng/ul 99
84) Chrysene	21.07	228	295427	5.724	ng/ul 99
87) Benzo(b)fluoranthene	22.53	252	351764	7.477	ng/ul 99
88) Benzo(k)fluoranthene	22.53	252	351764	7.592	ng/ul 98
90) Benzo(a)pyrene	23.06	252	212131	4.867	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.21	276	109097	2.105	ng/ul# 91
93) Benzo(g,h,i)perylene	25.83	276	101276	2.332	ng/ul 98

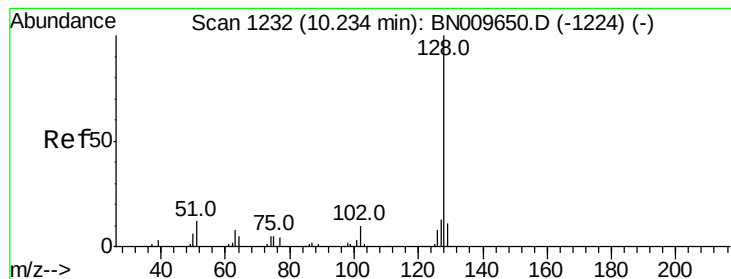
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.651 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

Instrument :

BNA_N

ClientSampled :

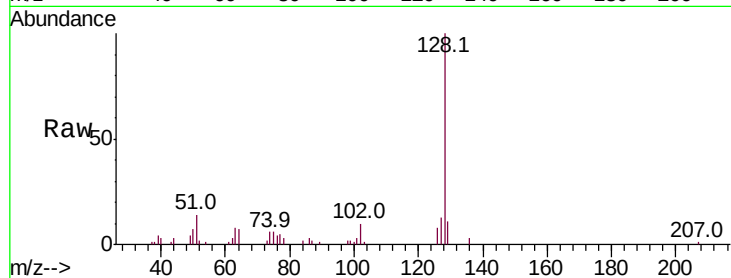
Tot Ion:128 Resp: 56714

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

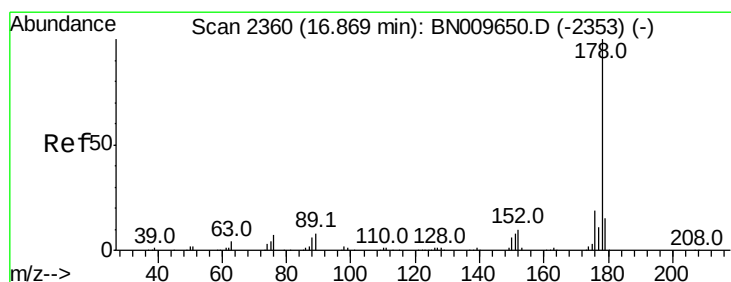
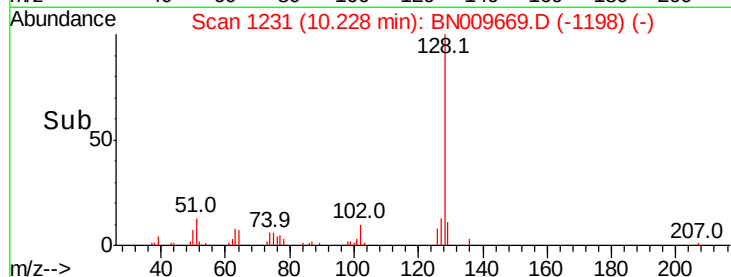
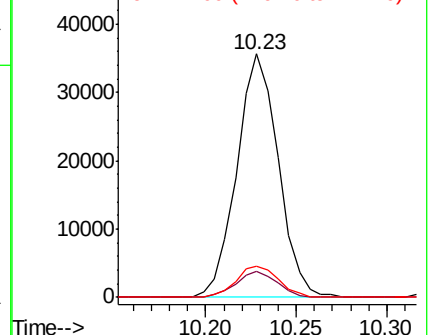
127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#69

Phenanthrene

Concen: 10.176 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

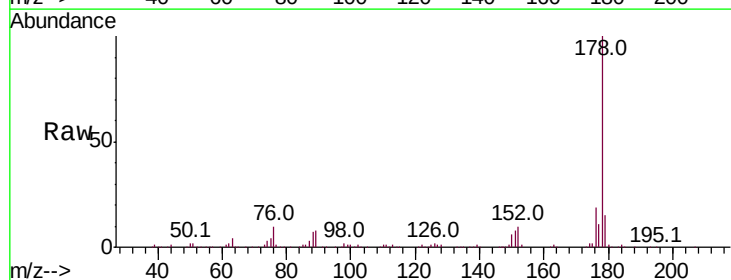
Tgt Ion:178 Resp: 458806

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

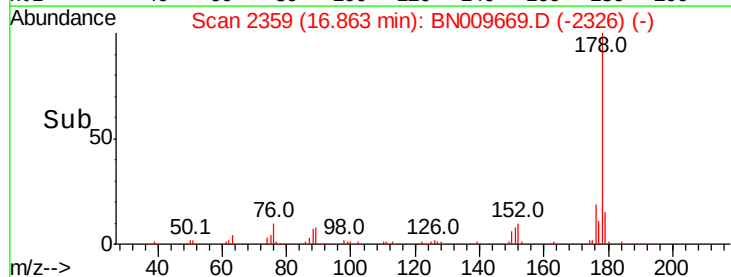
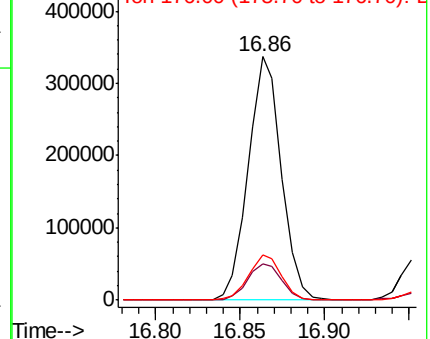
176 18.7 14.8 22.2

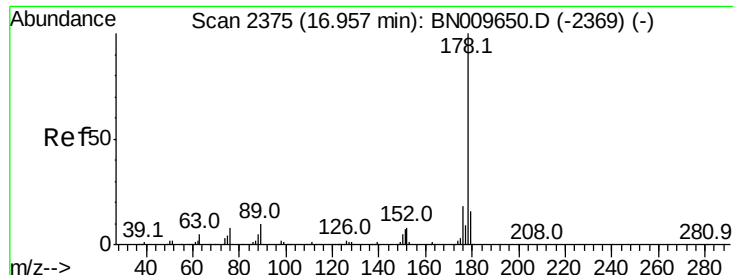


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

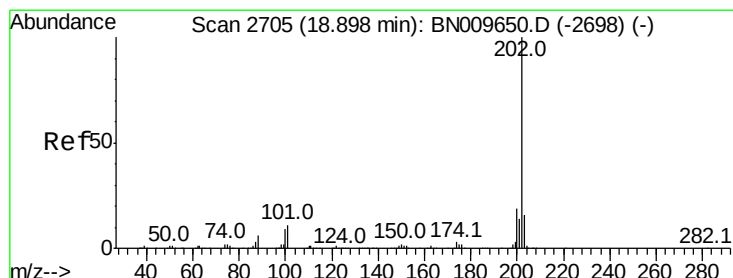
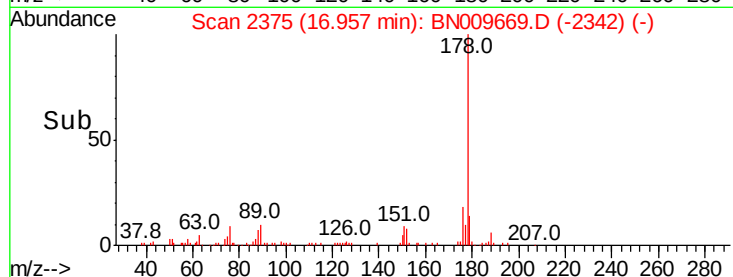
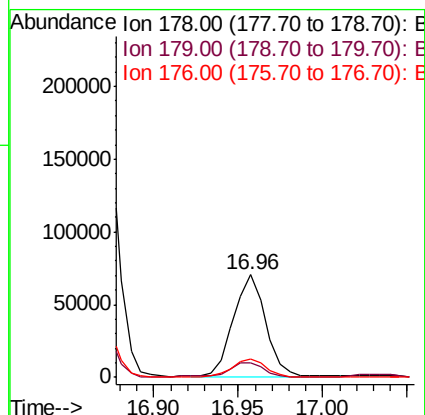
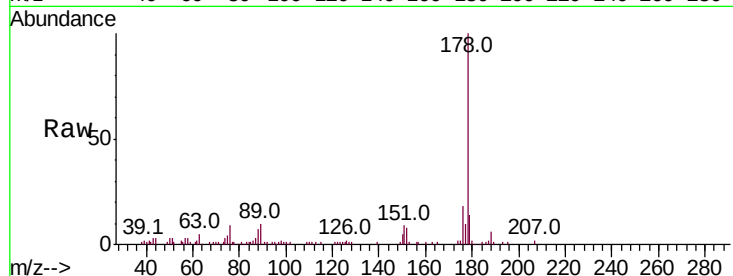




#71
 Anthracene
 Concen: 2.080 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009669.D
 Acq: 08 Feb 2020 05:23

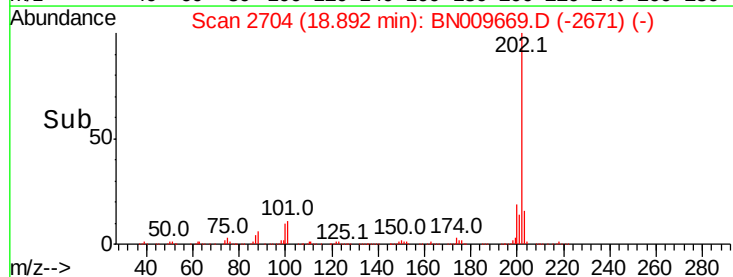
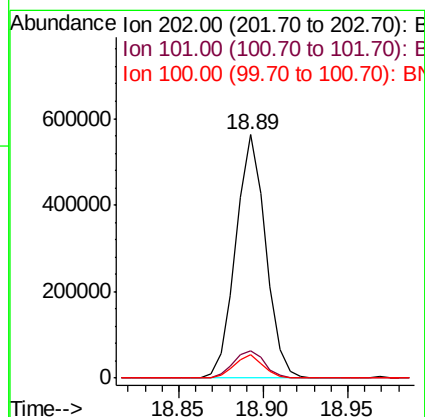
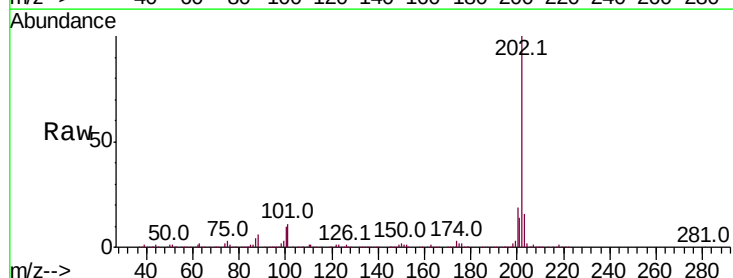
Instrument :
 BNA_N
 ClientSampleId :

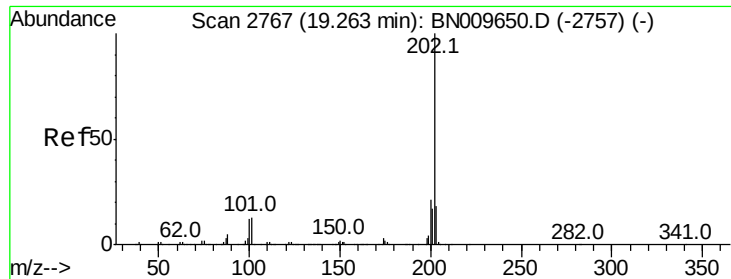
Tot Ion:178 Resp: 95163
 Ion Ratio Lower Upper
 178 100
 179 14.3 12.1 18.1
 176 17.8 14.6 21.8



#76
 Fluoranthene
 Concen: 13.462 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009669.D
 Acq: 08 Feb 2020 05:23

Tgt Ion:202 Resp: 692763
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.2 13.8
 100 9.6 6.9 10.3





#79

Pvrene

Concen: 10.985 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

Instrument :

BNA_N

ClientSampleId :

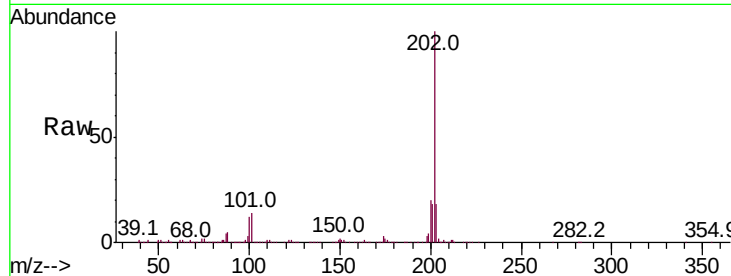
Tot Ion:202 Resp: 602154

Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

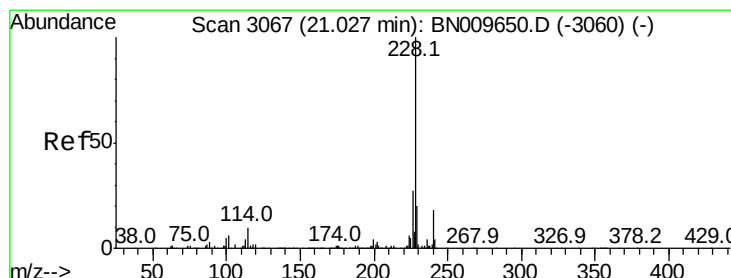
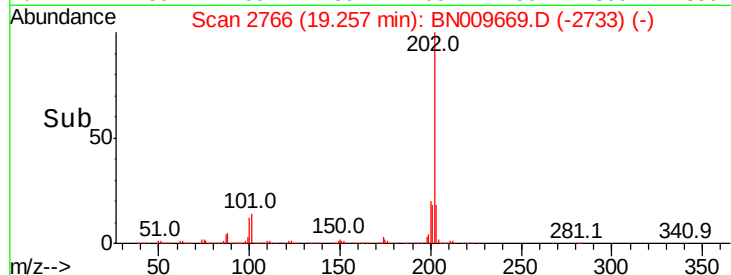
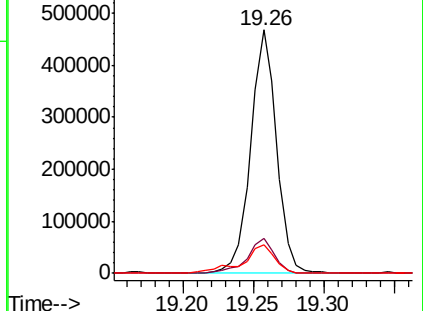
100 11.6 8.4 12.6



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): E



#82

Benzo(a)anthracene

Concen: 5.871 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

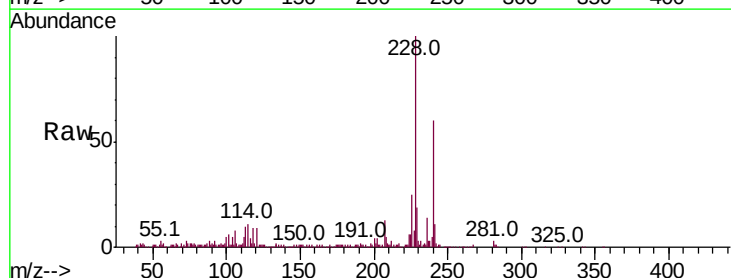
Tgt Ion:228 Resp: 304407

Ion Ratio Lower Upper

228 100

229 18.9 15.0 22.4

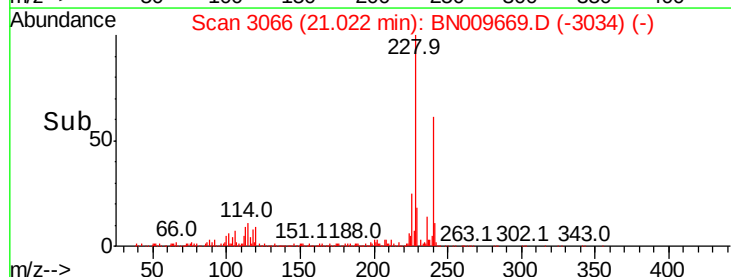
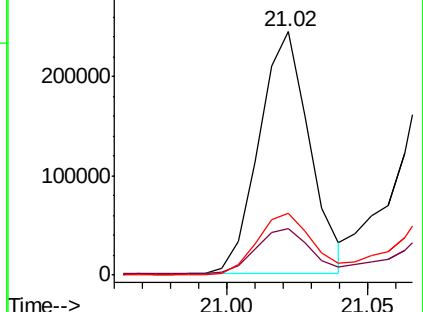
226 25.5 20.9 31.3

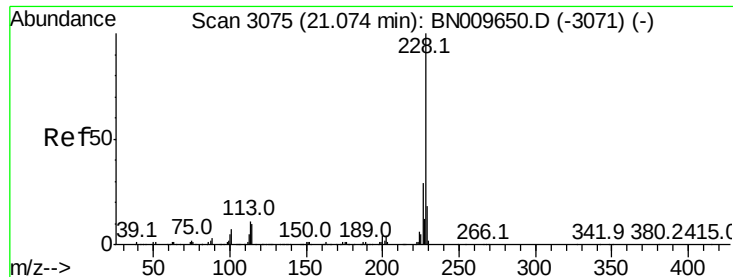


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 5.724 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

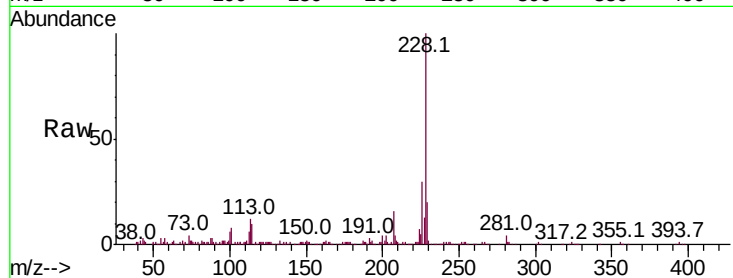
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 295427

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	20.1	15.8	23.8

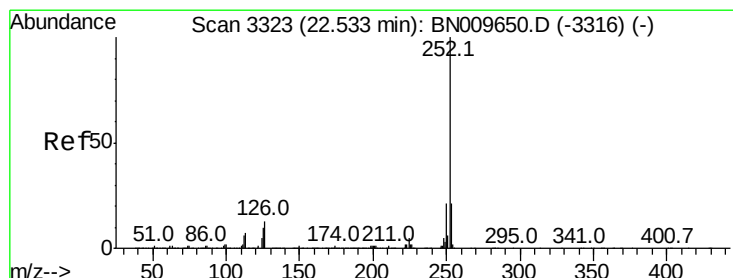
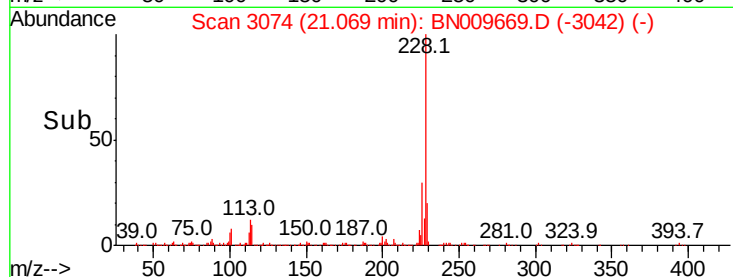
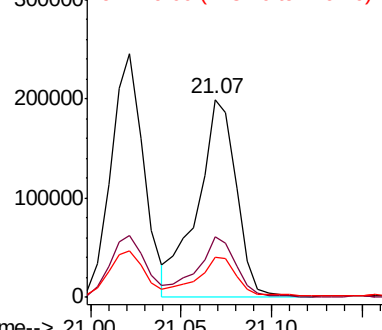


Abundance

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: 7.477 ng/ul

RT: 22.53 min Scan# 3322

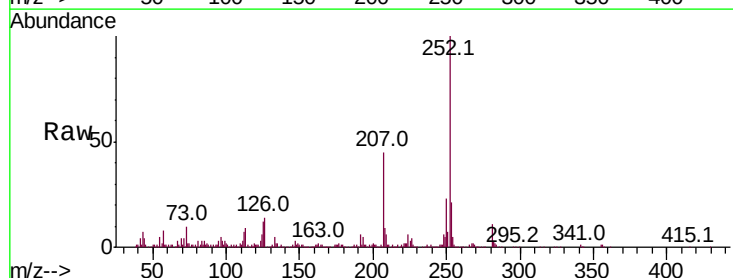
Delta R.T. -0.02 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

Tgt Ion:252 Resp: 351764

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.6	8.2	12.2

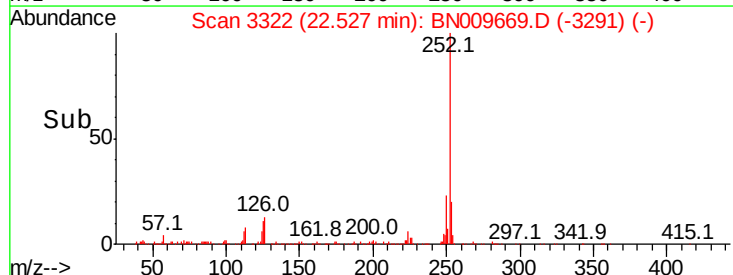
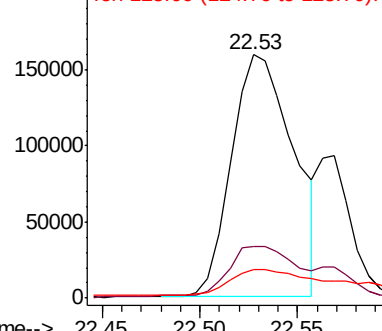


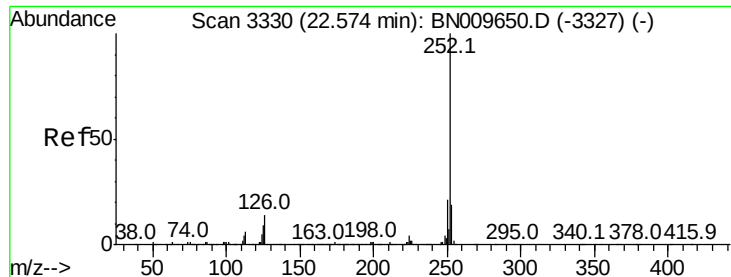
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 7.592 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.06 min

Lab File: BN009669.D

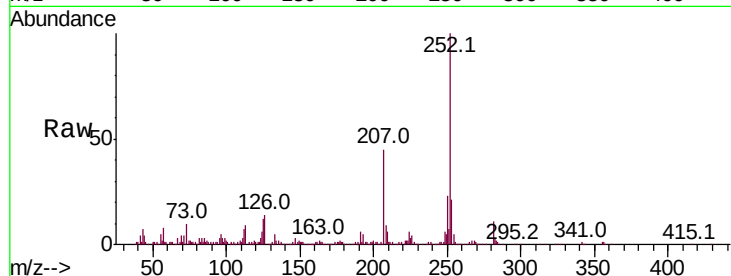
Acq: 08 Feb 2020 05:23

Instrument :

BNA_N

ClientSampleId :

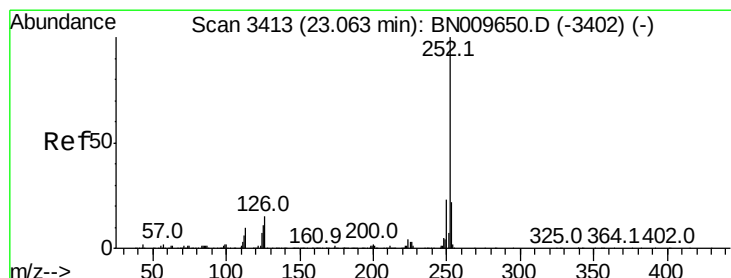
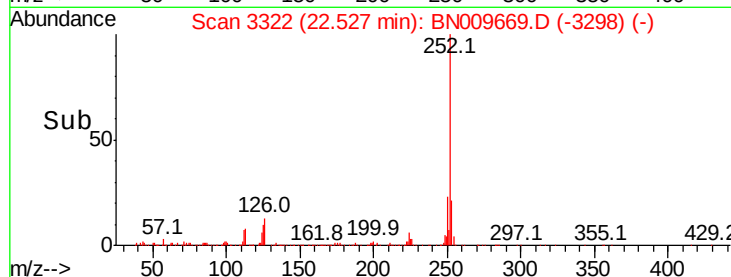
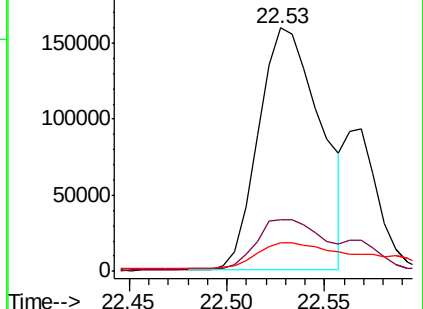
Tot Ion:252	Resp:	351764
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.0 25.4
125	11.6	8.0 12.0



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



#90

Benzo(a)pyrene

Concen: 4.867 ng/ul

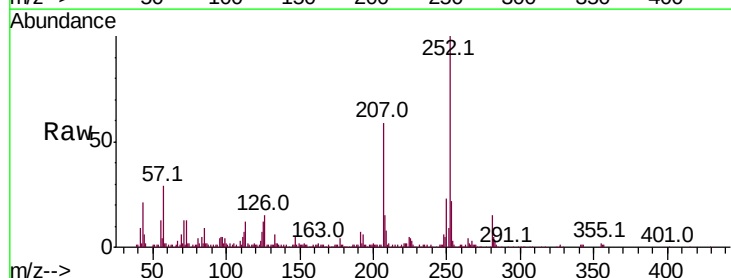
RT: 23.06 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BN009669.D

Acq: 08 Feb 2020 05:23

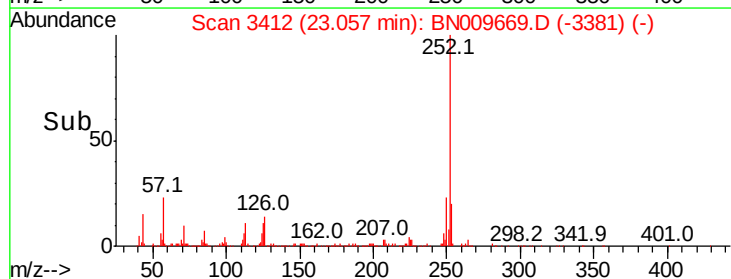
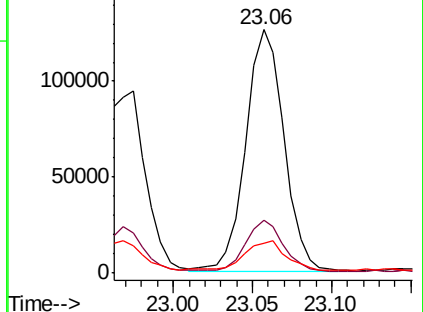
Tgt Ion:252	Resp:	212131
Ion Ratio	Lower	Upper
252	100	
253	21.9	15.8 23.8
125	12.5	8.7 13.1

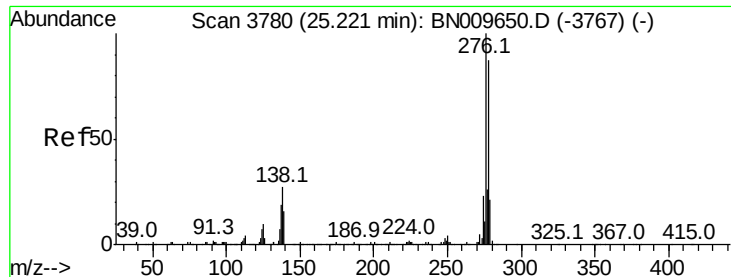


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

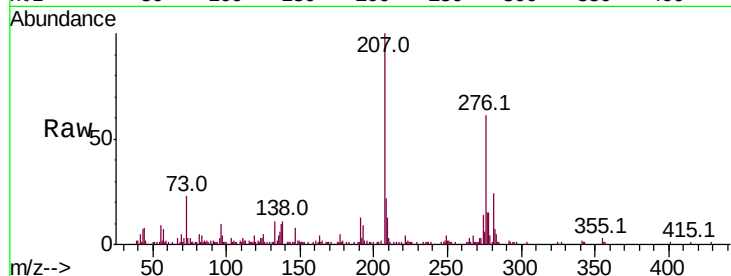




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.105 ng/ul
 RT: 25.21 min Scan# 3778
 Delta R.T. -0.02 min
 Lab File: BN009669.D
 Acq: 08 Feb 2020 05:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	20.3	30.5#
277	24.4	21.2	31.8

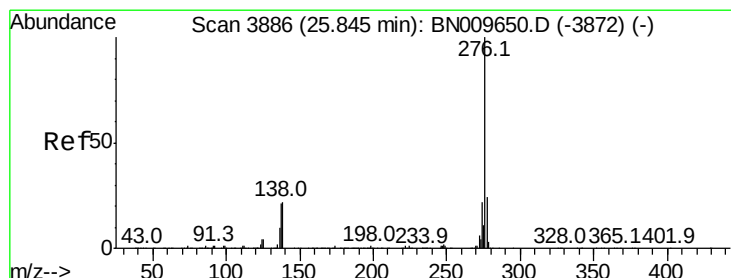
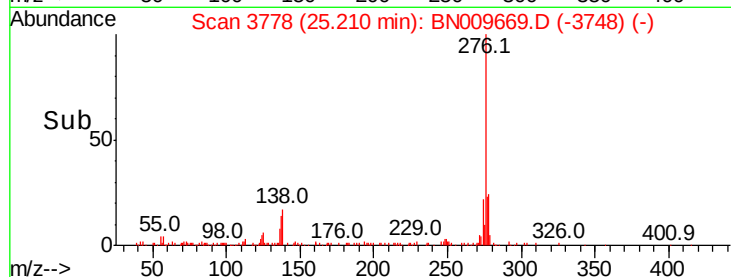
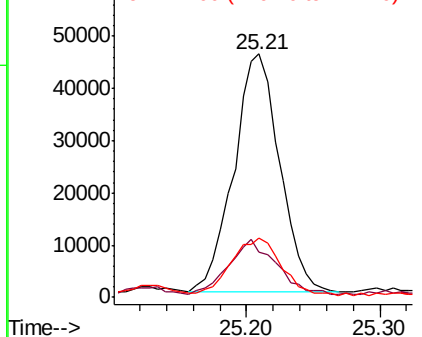


Abundance

Ion 276.00 (275.70 to 276.70): E

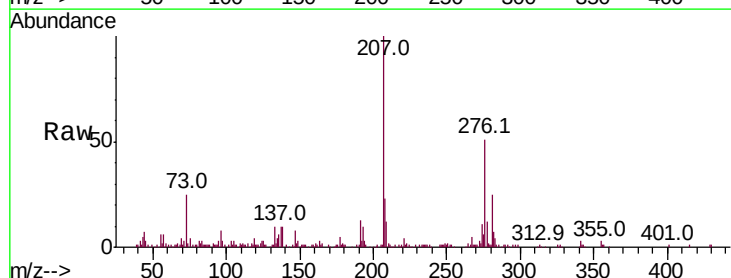
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93
 Benzo(g,h,i)perylene
 Concen: 2.332 ng/ul
 RT: 25.83 min Scan# 3884
 Delta R.T. -0.02 min
 Lab File: BN009669.D
 Acq: 08 Feb 2020 05:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.0	24.0
277	22.7	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

