

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009668.D
 Acq On : 08 Feb 2020 04:47
 Operator : CG/JU
 Sample : L1401-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 10 02:41:57 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	176153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	742693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	455325	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	944782	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	877749	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	891588	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.08	96	14926	3.48	ng/uL	0.00
5) Phenol-d5	6.63	99	291339	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	207272	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	231940	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	234246	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	114349	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	127029	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	221686	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	311527	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	707082	21.27	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	850929	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	100950	16.08	ng/ul	0.00
57) Fluorene-d10	15.07	176	618123	21.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	91682	15.54	ng/ul	0.00
70) Anthracene-d10	16.92	188	928489	21.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	1041614	22.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	1044483	23.79	ng/ul	-0.01

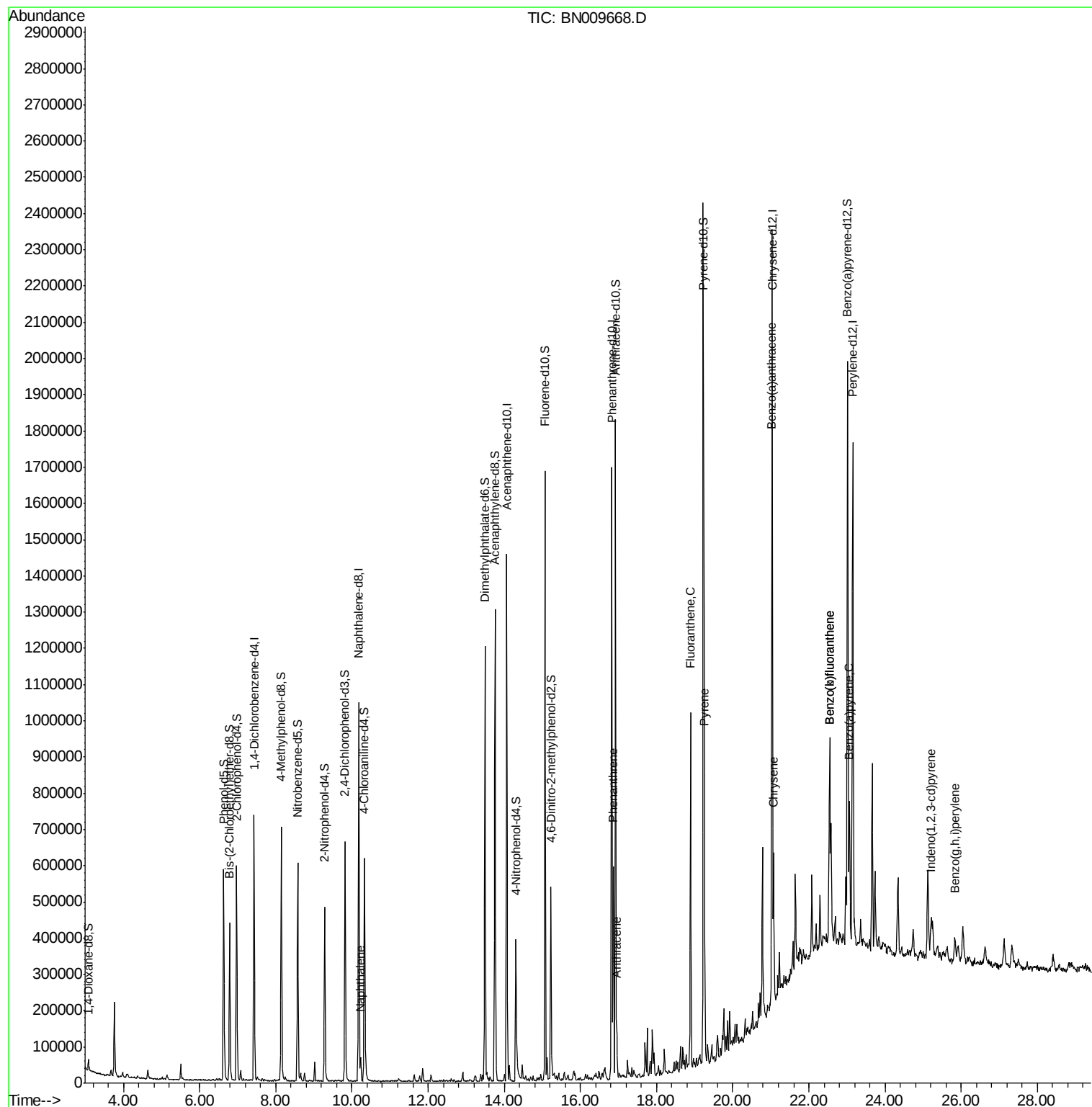
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.23	128	44523	1.105	ng/ul	99
69) Phenanthrene	16.86	178	326717	6.064	ng/ul	97
71) Anthracene	16.96	178	77553	1.419	ng/ul	97
76) Fluoranthene	18.89	202	523550	8.514	ng/ul	100
79) Pyrene	19.26	202	448641	7.002	ng/ul	99
82) Benzo(a)anthracene	21.02	228	226843	3.743	ng/ul	98
84) Chrysene	21.07	228	209681	3.475	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	247091	4.430	ng/ul	98
88) Benzo(k)fluoranthene	22.53	252	247091	4.498	ng/ul	98
90) Benzo(a)pyrene	23.06	252	142667	2.760	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.20	276	75950	1.236	ng/ul#	91
93) Benzo(g,h,i)perylene	25.83	276	70296	1.365	ng/ul#	84

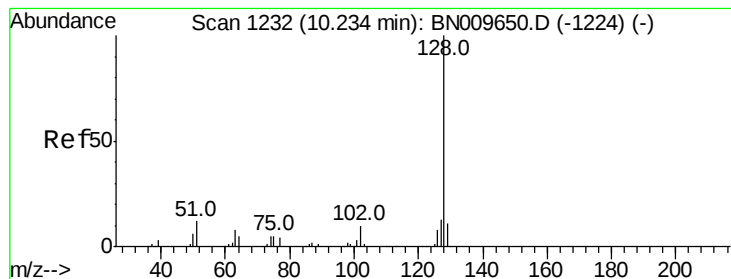
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 1.105 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

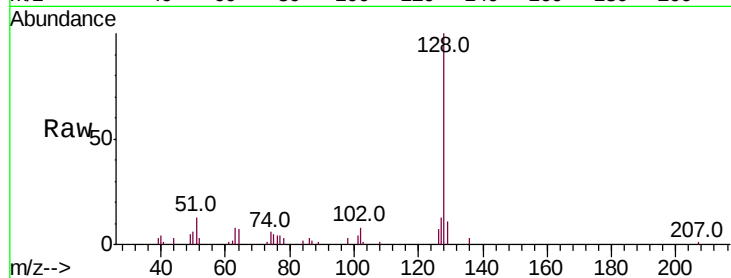
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 44523

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.8	10.7	16.1

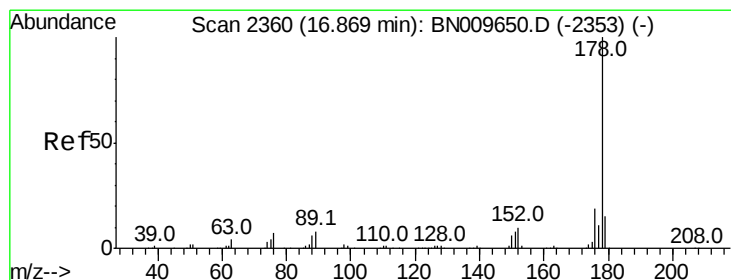
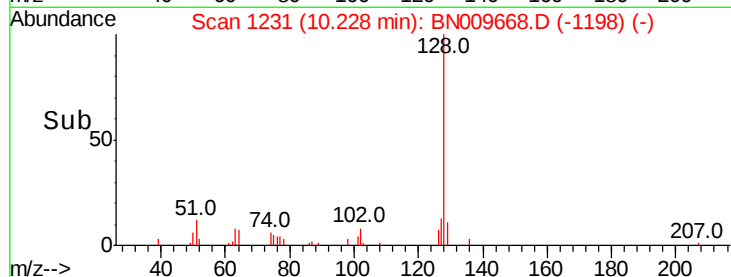
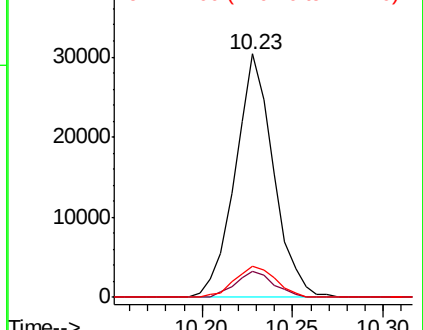


Abundance

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: 6.064 ng/ul

RT: 16.86 min Scan# 2359

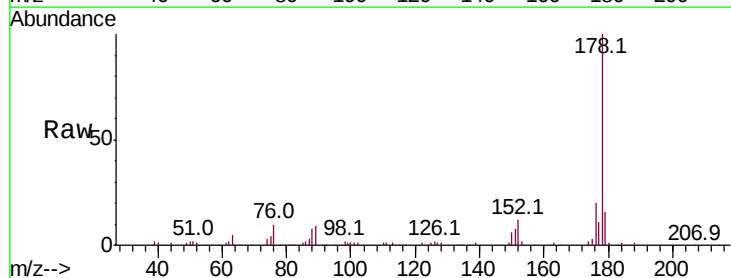
Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

Tgt Ion:178 Resp: 326717

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.2
176	19.8	14.8	22.2

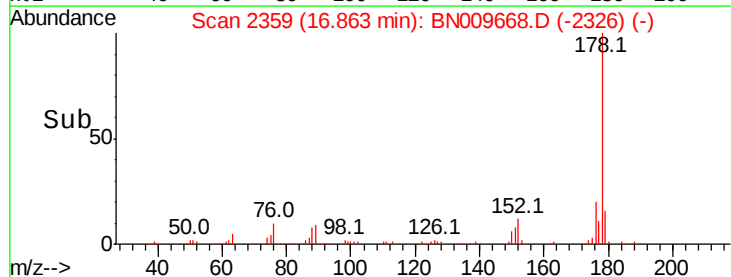
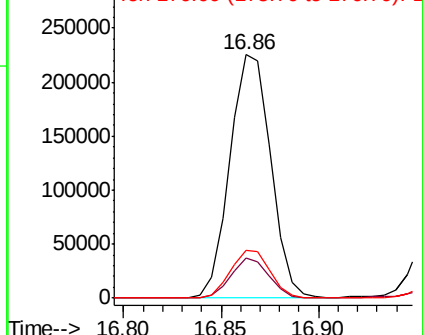


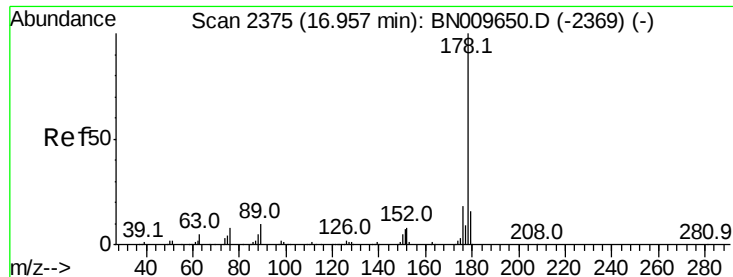
Abundance

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

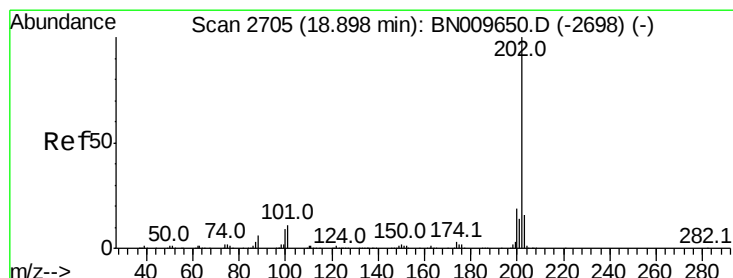
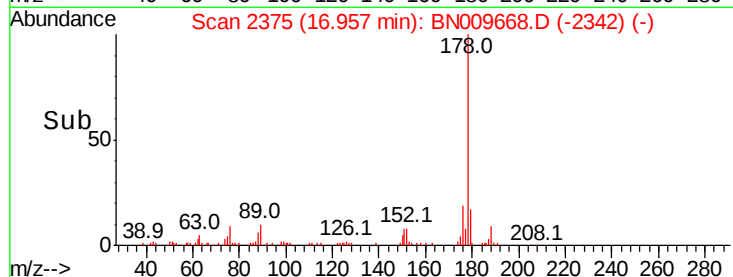
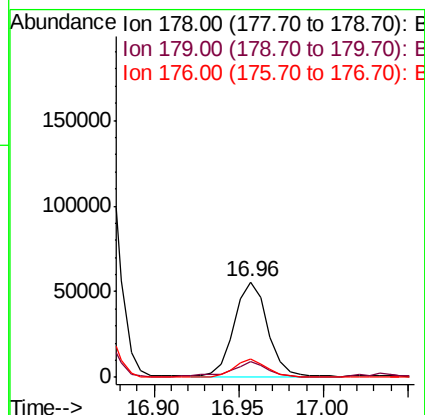
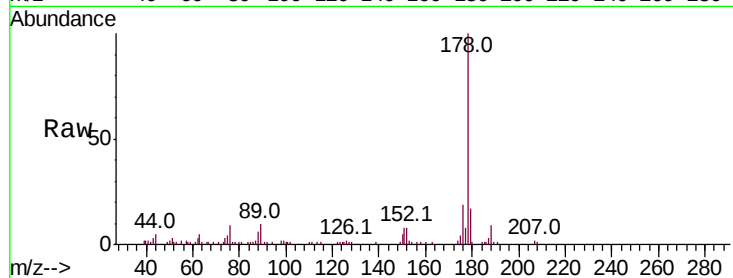




#71
 Anthracene
 Concen: 1.419 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009668.D
 Acq: 08 Feb 2020 04:47

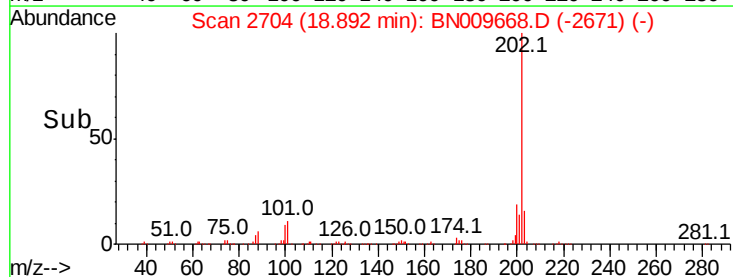
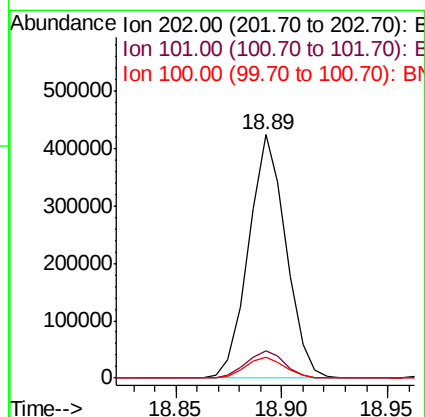
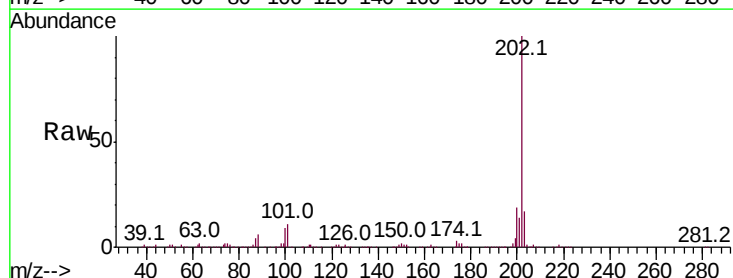
Instrument :
 BNA_N
 ClientSampleId :

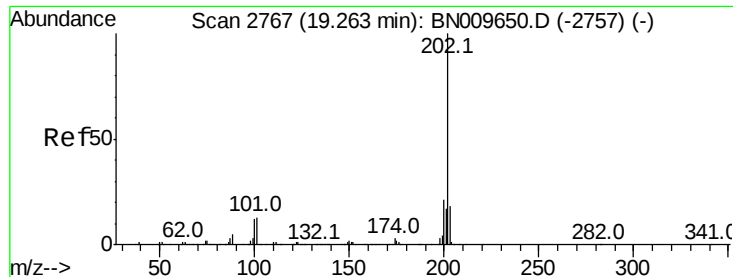
Tot Ion:178 Resp: 77553
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.1 18.1
 176 19.1 14.6 21.8



#76
 Fluoranthene
 Concen: 8.514 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN009668.D
 Acq: 08 Feb 2020 04:47

Tgt Ion:202 Resp: 523550
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.2 13.8
 100 8.7 6.9 10.3





#79

Pvrene

Concen: 7.002 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

Instrument :

BNA_N

ClientSampleId :

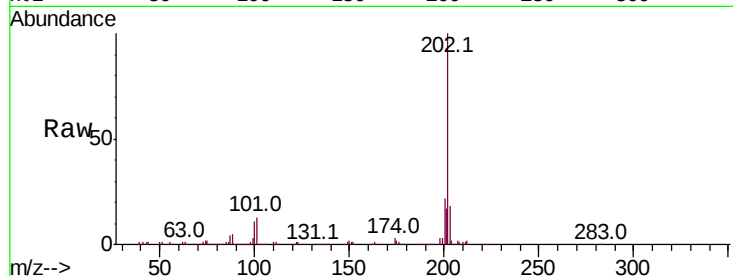
Tot Ion:202 Resp: 448641

Ion Ratio Lower Upper

202 100

101 13.2 10.3 15.5

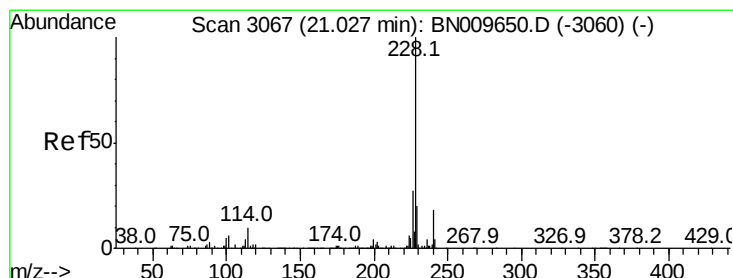
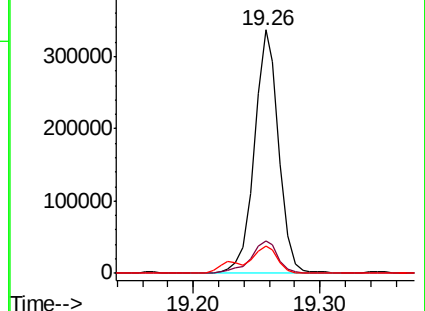
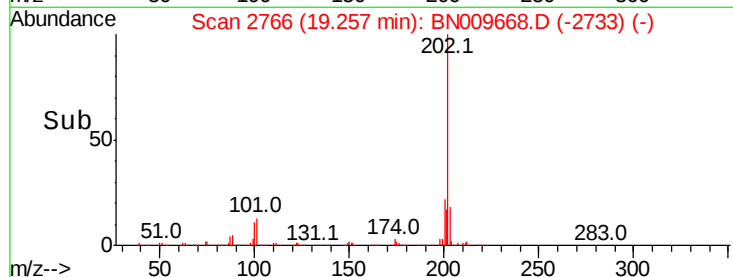
100 11.3 8.4 12.6



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



#82

Benzo(a)anthracene

Concen: 3.743 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

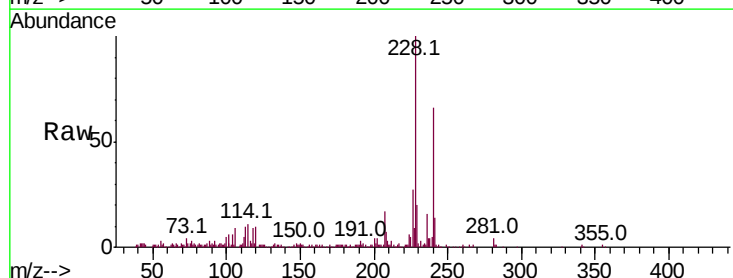
Tgt Ion:228 Resp: 226843

Ion Ratio Lower Upper

228 100

229 19.7 15.0 22.4

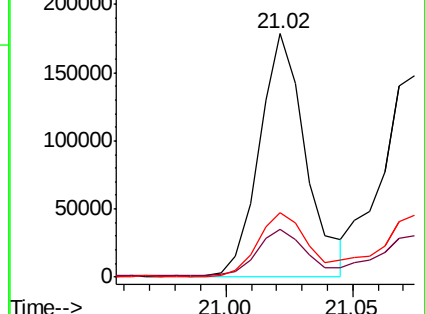
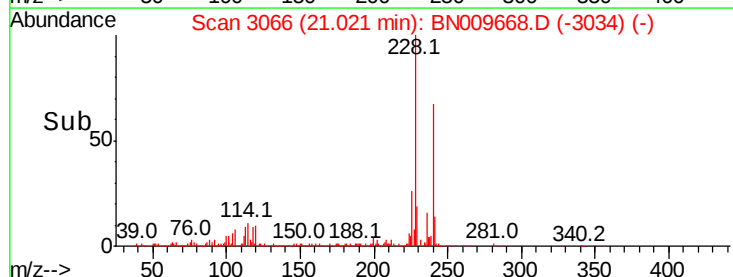
226 26.7 20.9 31.3

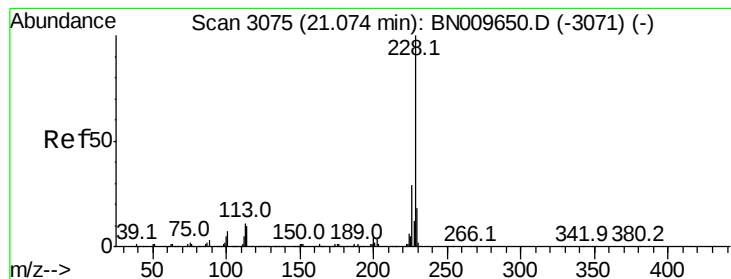


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 3.475 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

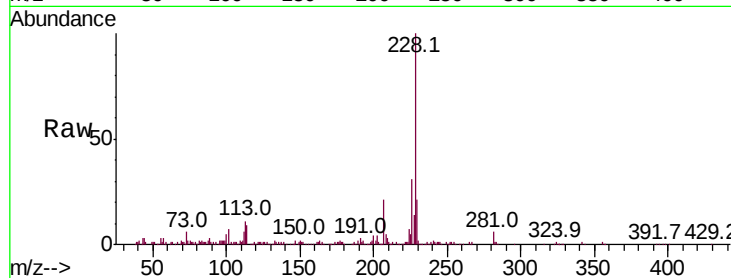
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 209681

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	20.6	15.8	23.8

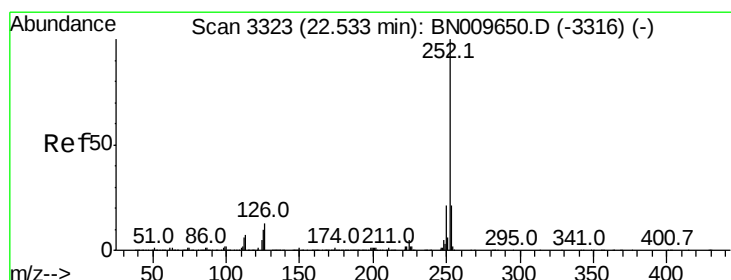
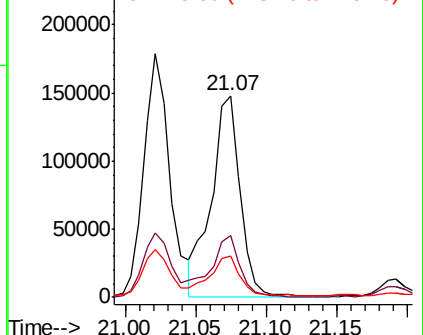
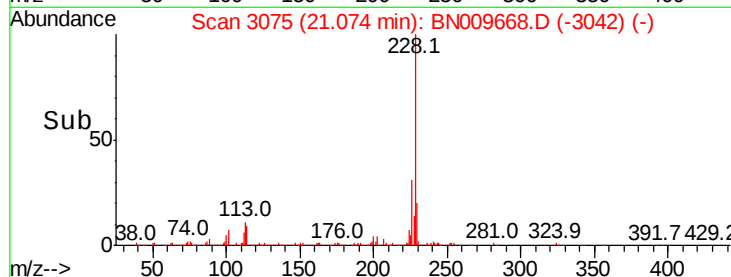


Abundance

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: 4.430 ng/ul

RT: 22.53 min Scan# 3323

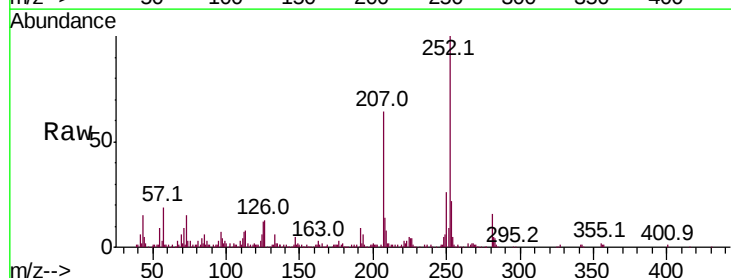
Delta R.T. -0.01 min

Lab File: BN009668.D

Acq: 08 Feb 2020 04:47

Tgt Ion:252 Resp: 247091

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.6	8.2	12.2

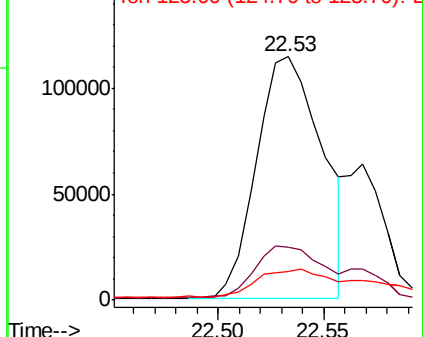
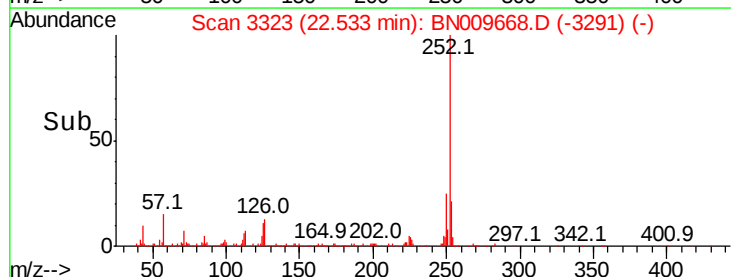


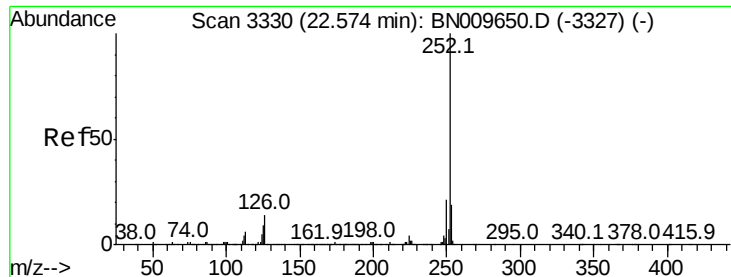
Abundance

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

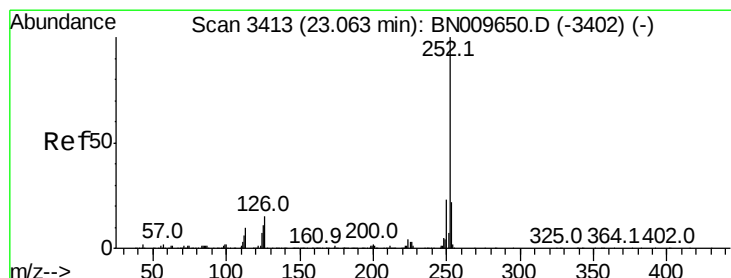
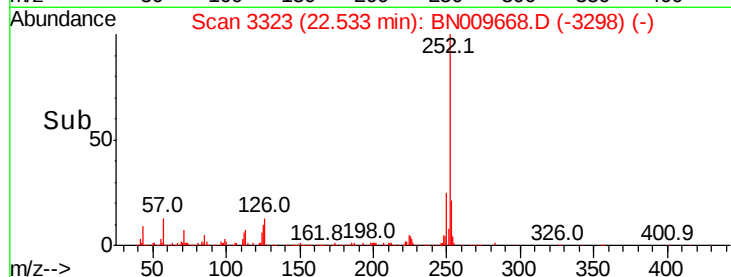
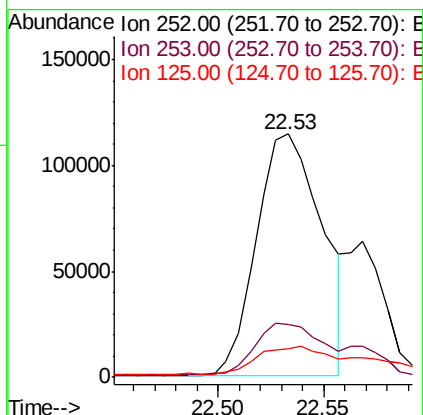
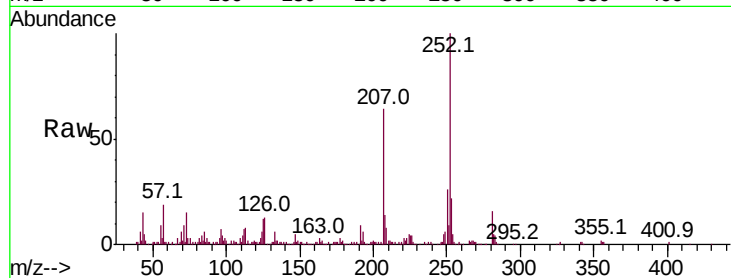




#88
Benzo(k)fluoranthene
Concen: 4.498 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.05 min
Lab File: BN009668.D
Acq: 08 Feb 2020 04:47

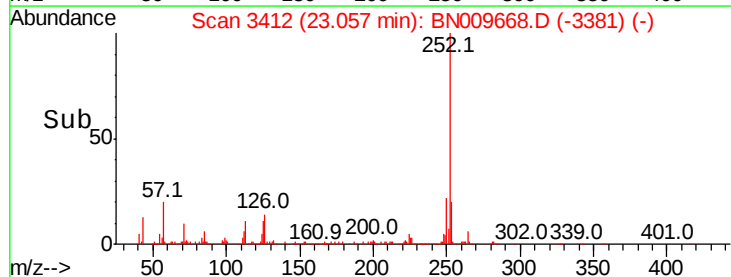
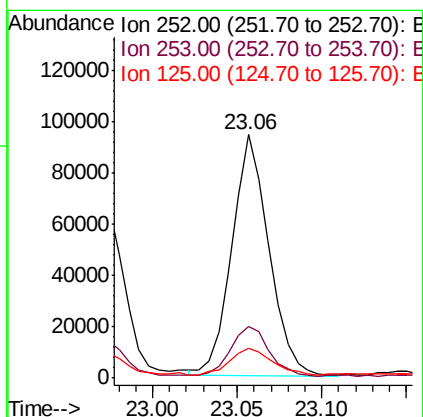
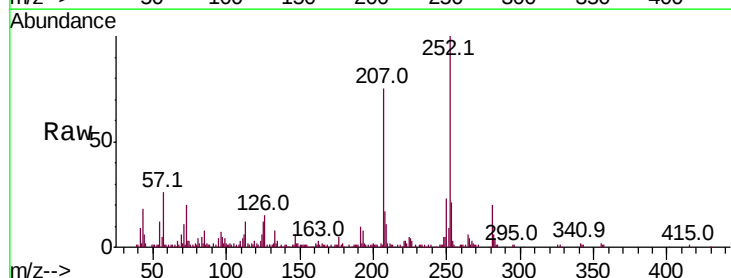
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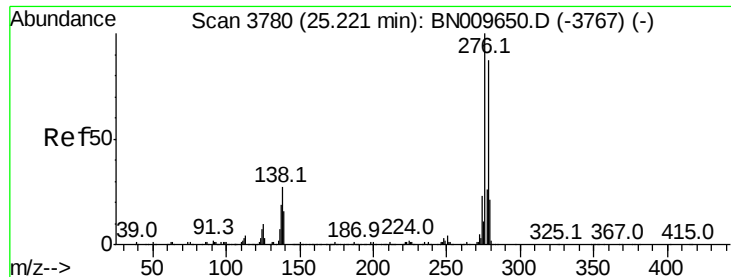
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	11.6	8.0	12.0



#90
Benzo(a)pyrene
Concen: 2.760 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009668.D
Acq: 08 Feb 2020 04:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.8	23.8
125	12.4	8.7	13.1



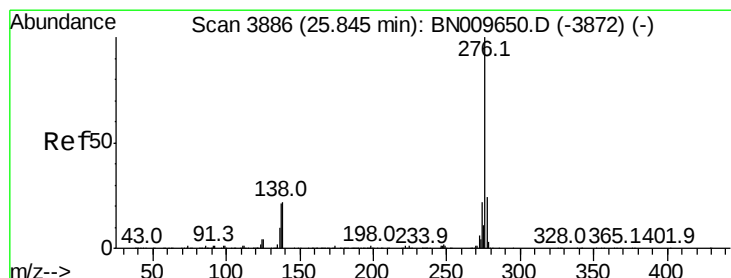
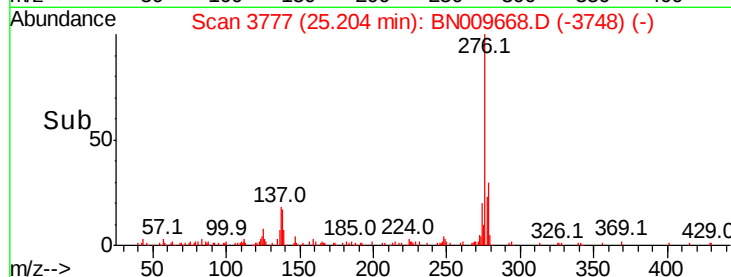
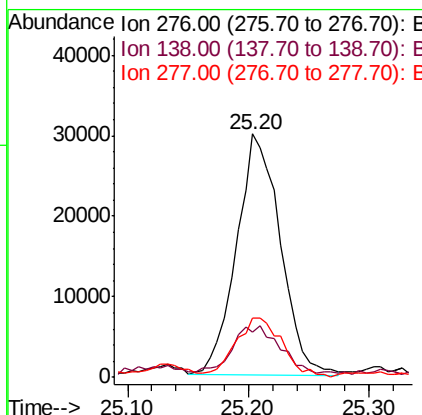
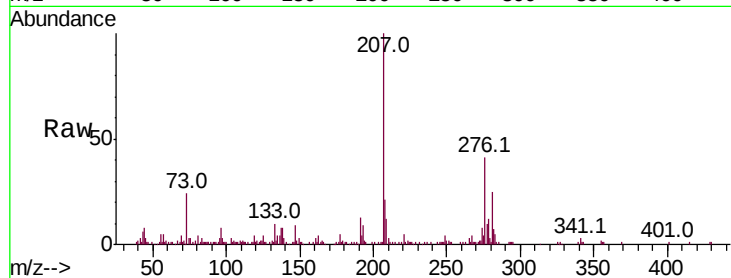


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.236 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.03 min
Lab File: BN009668.D
Acq: 08 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	20.3	30.5#
277	24.6	21.2	31.8



#93

Benzo(g,h,i)perylene
Concen: 1.365 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009668.D
Acq: 08 Feb 2020 04:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	16.0	24.0#
277	24.1	17.0	25.6

