

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009661.D
 Acq On : 08 Feb 2020 00:01
 Operator : CG/JU
 Sample : L1401-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 CB6J9

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:24:06 AM

Quant Time: Feb 08 01:56:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 23:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	163218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	696038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	424253	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	870718	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	795649	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	799302	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	12889	3.24	ng/uL	0.00
5) Phenol-d5	6.63	99	269752	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	188301	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	206302	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	201842	17.80	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	103449	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	116932	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	196098	18.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	272180	23.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	652763	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	795559	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	93280	15.95	ng/ul	0.00
57) Fluorene-d10	15.07	176	570386	20.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	89504	16.46	ng/ul	0.00
70) Anthracene-d10	16.92	188	848745	21.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	969901	23.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	931039	23.66	ng/ul	-0.01

Target Compounds				Ovalue		
69) Phenanthrene	16.87	178	296855	5.978	ng/ul	100
71) Anthracene	16.96	178	62044	1.231	ng/ul	98
76) Fluoranthene	18.89	202	512843	9.049	ng/ul	98
79) Pyrene	19.26	202	438711	7.553	ng/ul	94
82) Benzo(a)anthracene	21.02	228	257546	4.688	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.98	149	38464	1.097	ng/ul	97
84) Chrysene	21.07	228	245880	4.496	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	313542	6.270	ng/ul#	98
88) Benzo(k)fluoranthene	22.57	252	105704m	2.146	ng/ul	
90) Benzo(a)pyrene	23.06	252	196776	4.247	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.21	276	136207	2.473	ng/ul	95
93) Benzo(g,h,i)perylene	25.83	276	125312	2.714	ng/ul	95

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

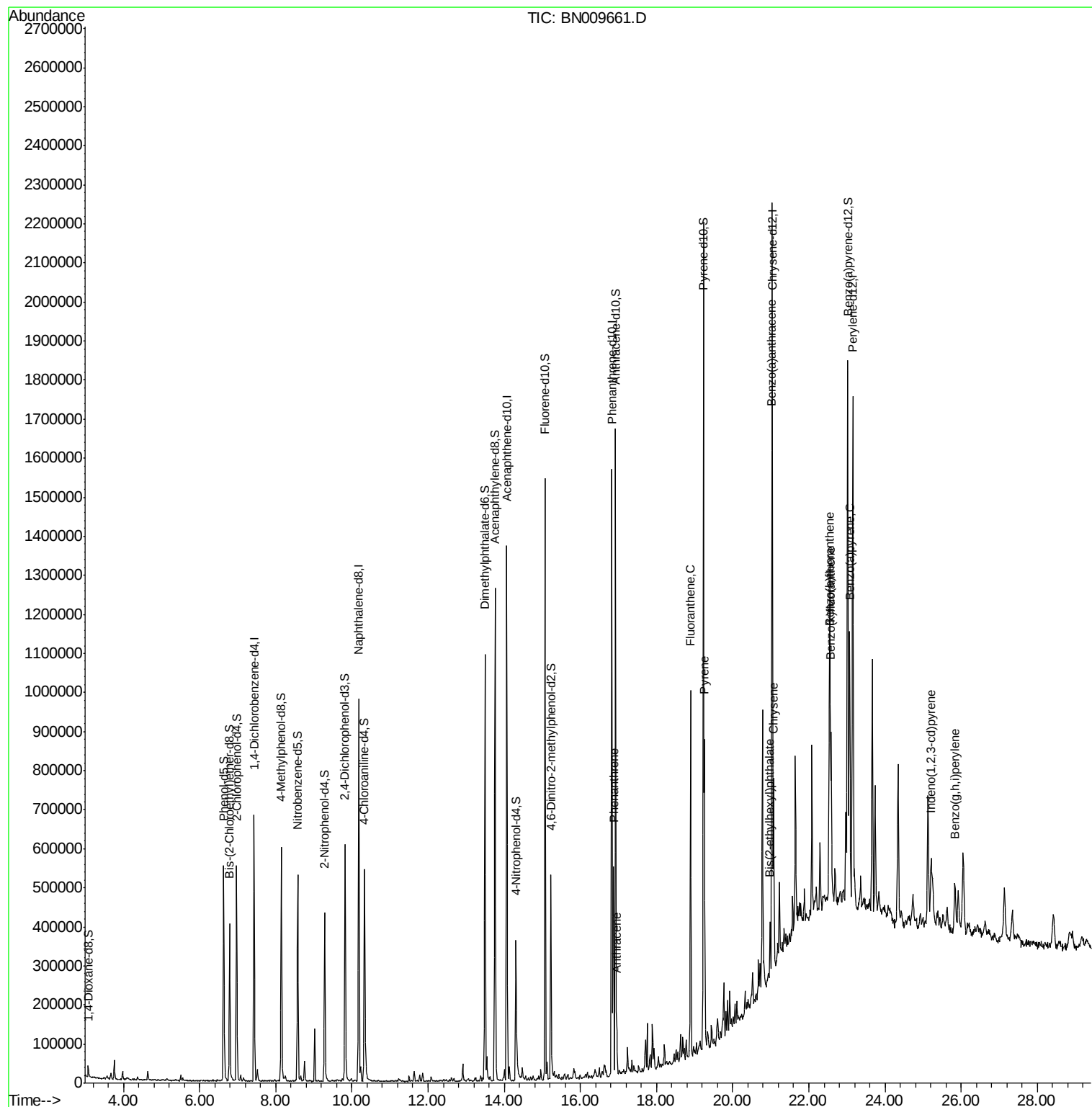
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009661.D
Acq On : 08 Feb 2020 00:01
Operator : CG/JU
Sample : L1401-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

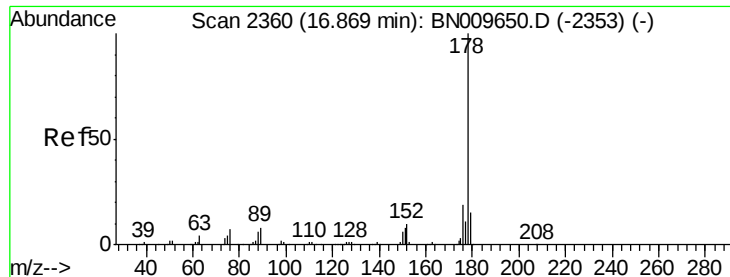
Instrument :
BNA_N
ClientSampleID :
CB6J9

Quant Time: Feb 08 01:56:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 23:20:27 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM





#69

Phenanthrene

Concen: 5.978 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

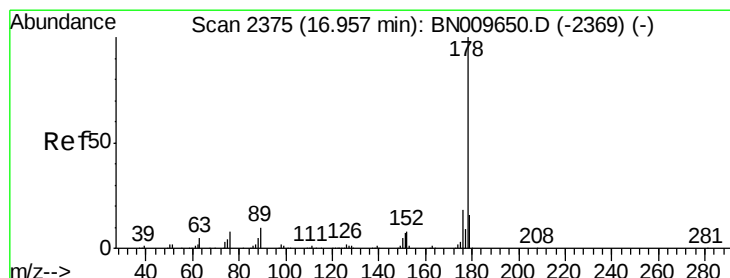
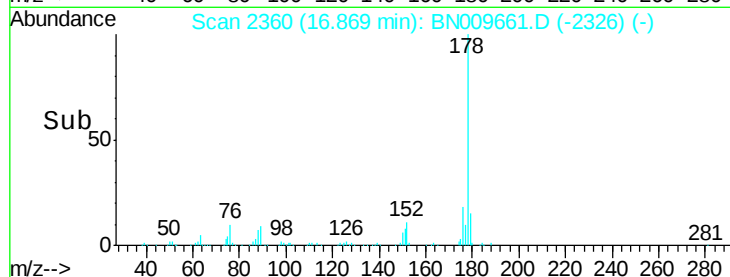
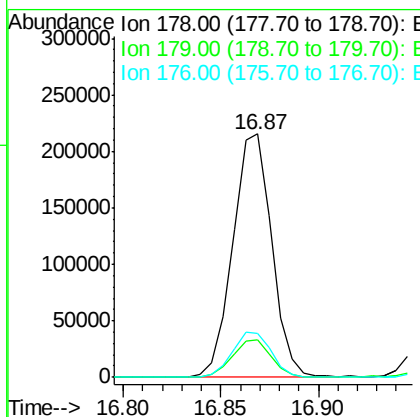
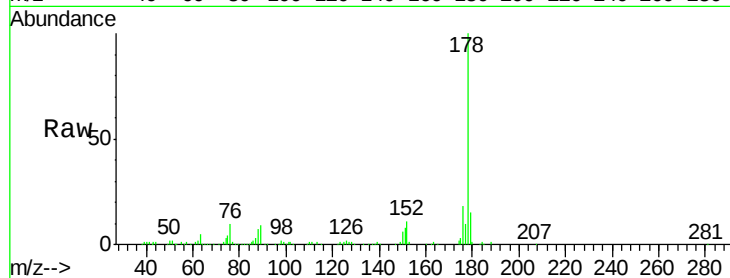
ClientSampled :

CB6J9

Tot Ion:	178	Resp:	296855
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.2
176	18.1	14.8	22.2

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



#71

Anthracene

Concen: 1.231 ng/ul

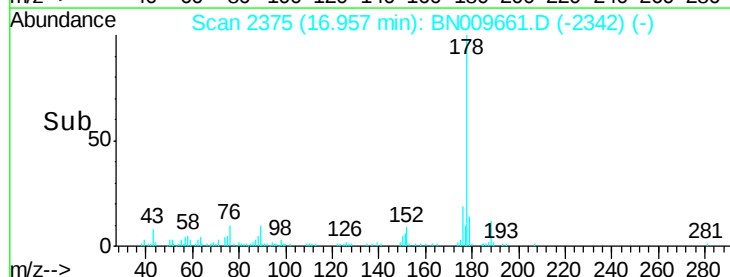
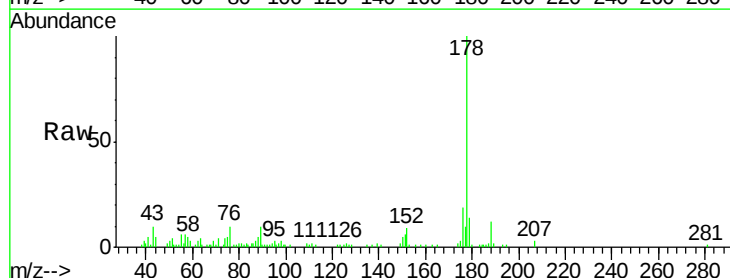
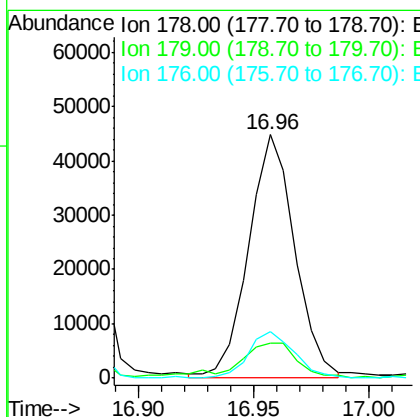
RT: 16.96 min Scan# 2375

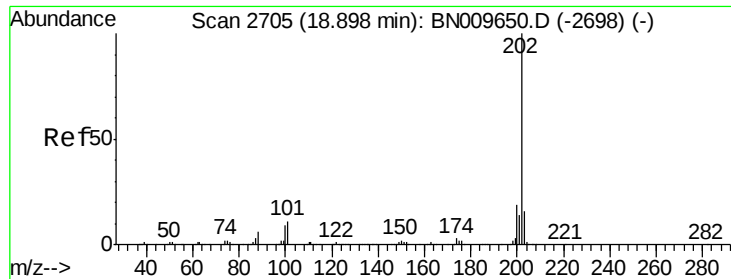
Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Tgt Ion:	178	Resp:	62044
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.1	18.1
176	19.1	14.6	21.8





#76

Fluoranthene

Concen: 9.049 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

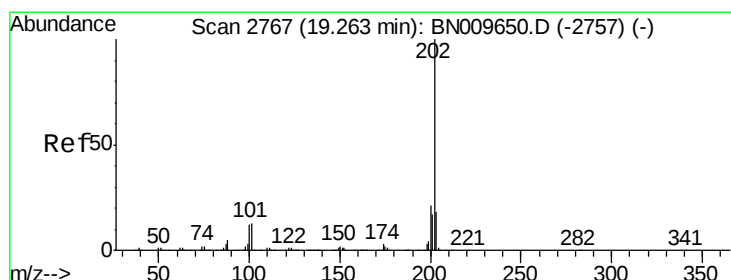
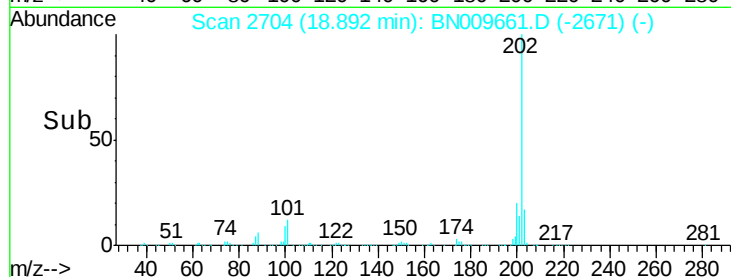
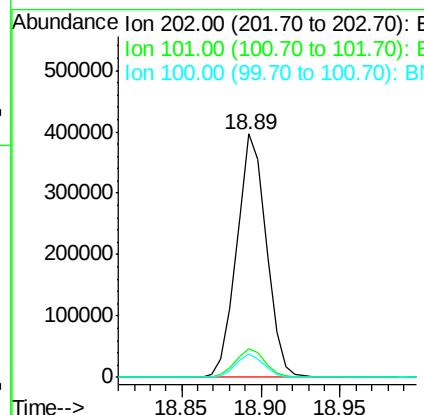
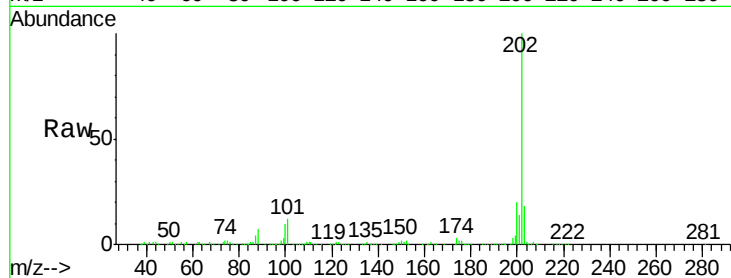
ClientSampled :

CB6J9

Tot Ion:	202	Resp:	512843
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.2	13.8
100	9.5	6.9	10.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



#79

Pyrene

Concen: 7.553 ng/ul

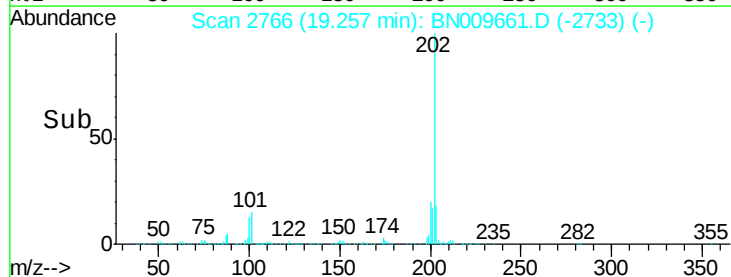
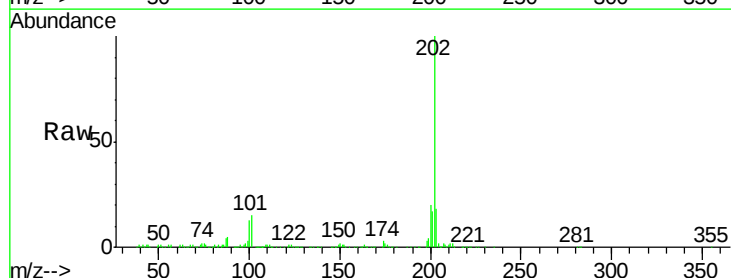
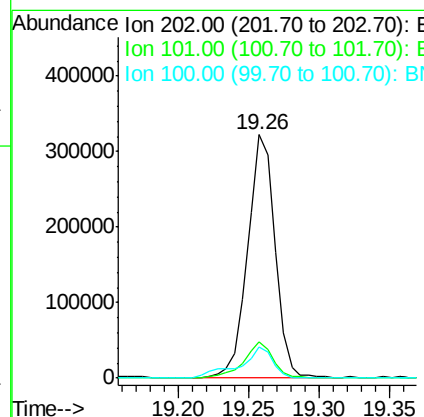
RT: 19.26 min Scan# 2766

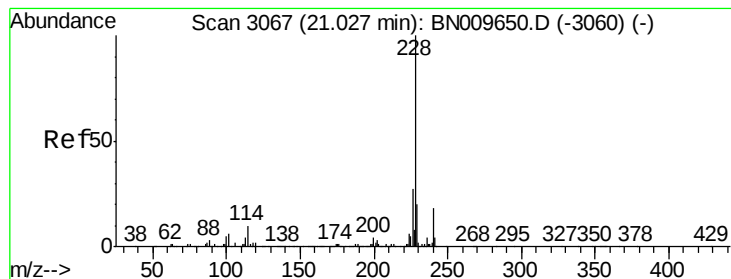
Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Tgt Ion:	202	Resp:	438711
Ion Ratio	Lower	Upper	
202	100		
101	15.1	10.3	15.5
100	12.6	8.4	12.6





#82

Benzo(a)anthracene

Concen: 4.688 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

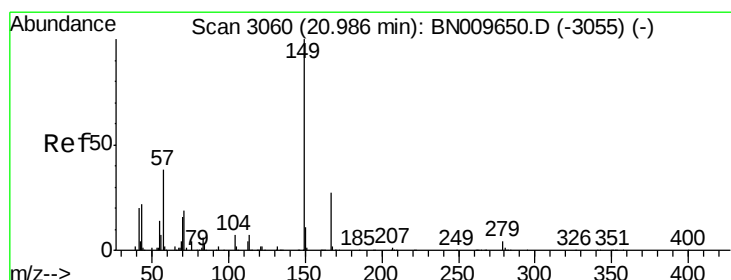
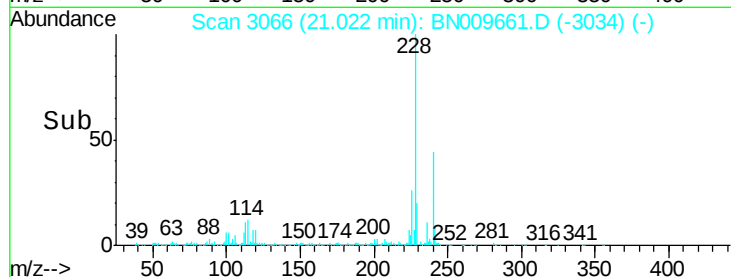
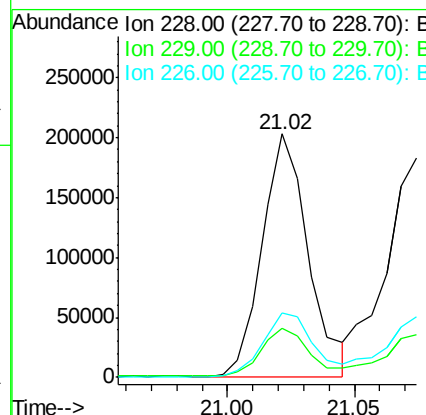
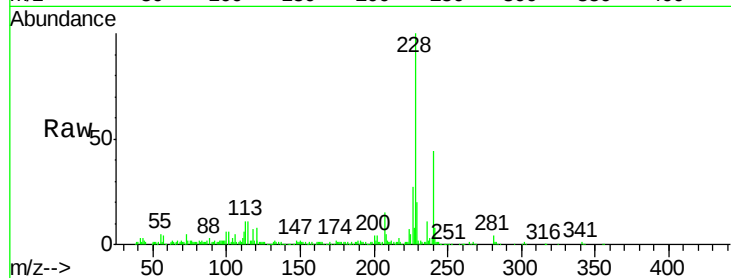
ClientSampleId :

CB6J9

Tot Ion:	228	Resp:	257546
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.0	22.4
226	26.5	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.097 ng/ul

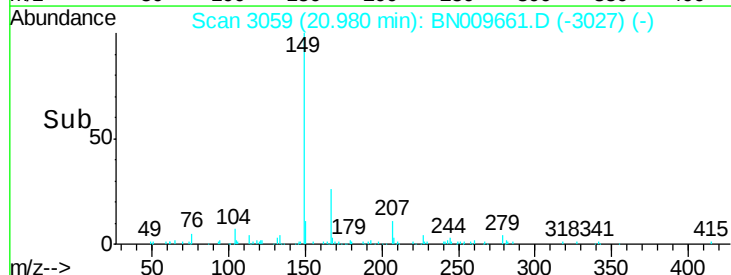
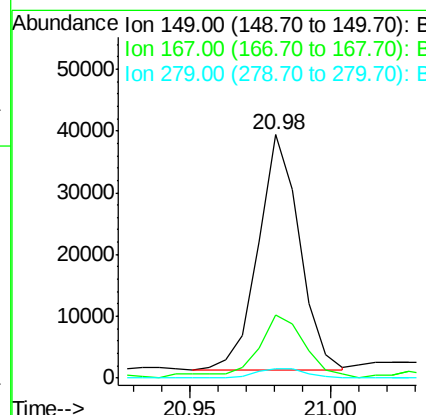
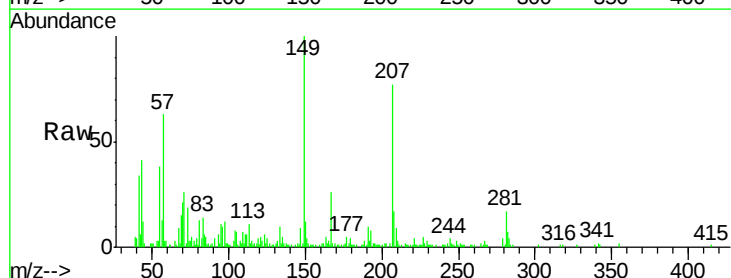
RT: 20.98 min Scan# 3059

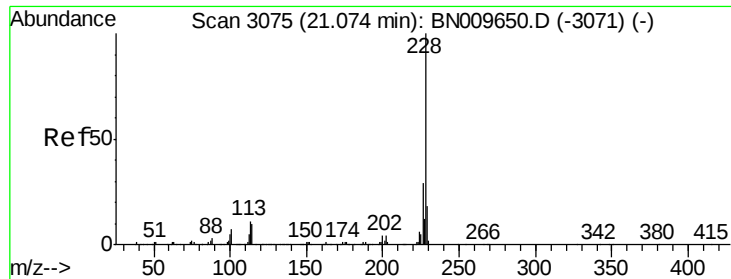
Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Tgt Ion:	149	Resp:	38464
Ion Ratio	Lower	Upper	
149	100		
167	26.1	22.1	33.1
279	3.7	3.3	4.9





#84

Chrysene

Concen: 4.496 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

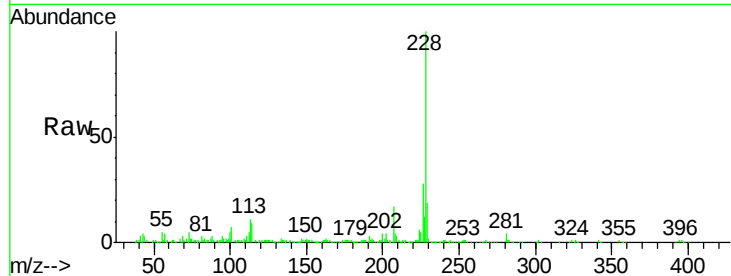
ClientSampled :

CB6J9

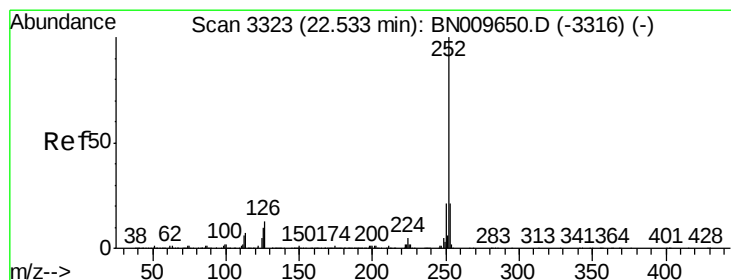
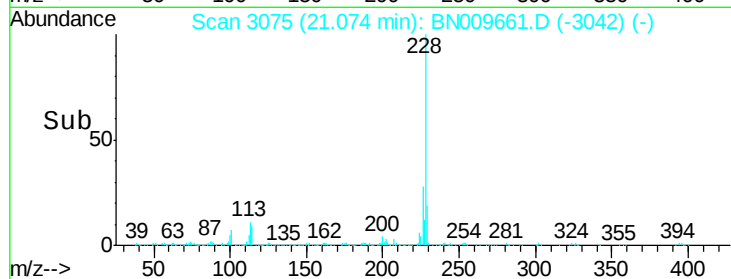
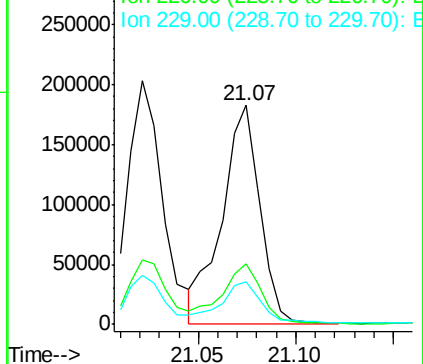
Tot Ion:	228	Resp:	245880
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.5	35.3
229	19.3	15.8	23.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



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: 6.270 ng/ul

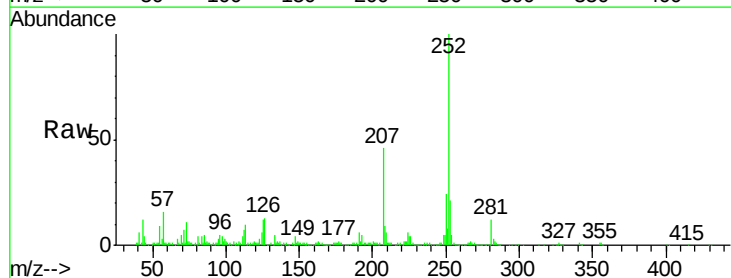
RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

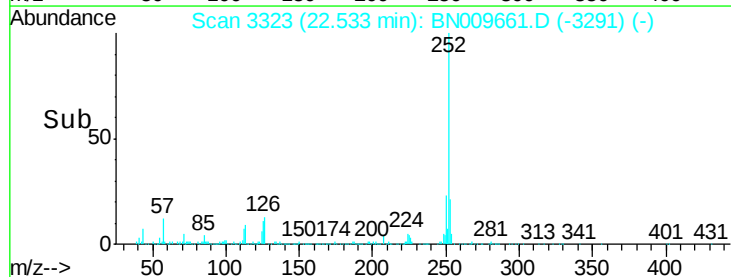
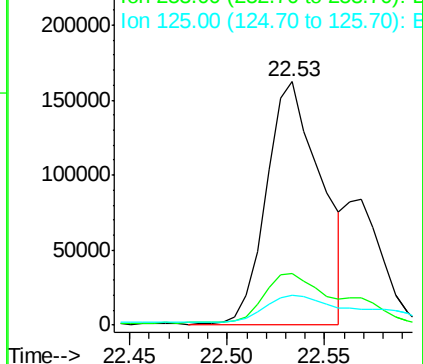
Lab File: BN009661.D

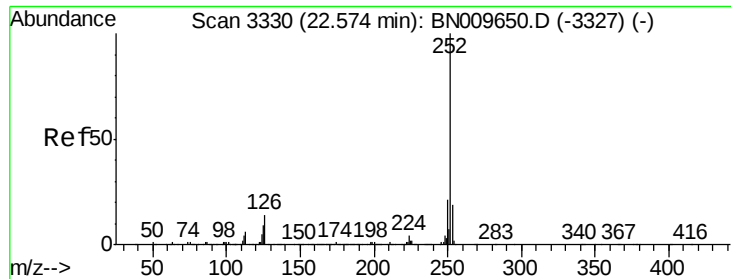
Acq: 08 Feb 2020 00:01

Tgt Ion:	252	Resp:	313542
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.6
125	12.3	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: 2.146 ng/ul

RT: 22.57 min Scan# 3329

Delta R.T. -0.02 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

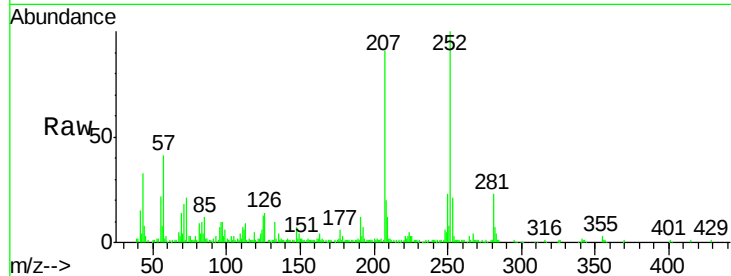
ClientSampled :

CB6J9

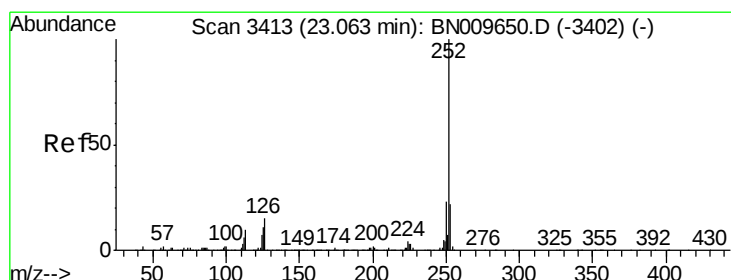
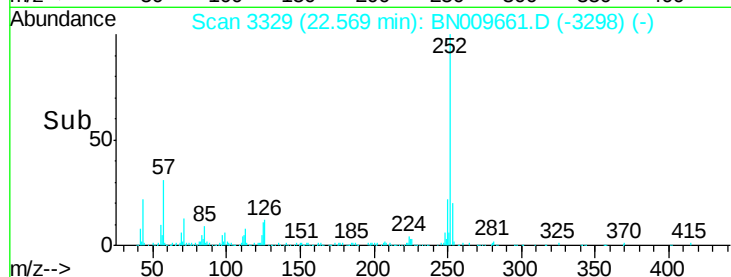
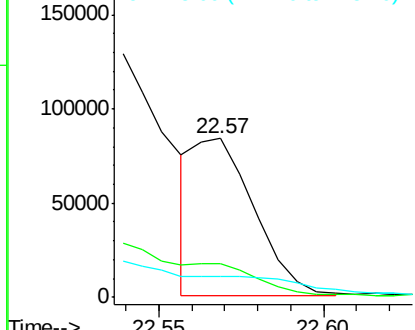
Tot Ion:	252	Resp:	105704
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.4
125	12.9	8.0	12.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



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: 4.247 ng/ul

RT: 23.06 min Scan# 3413

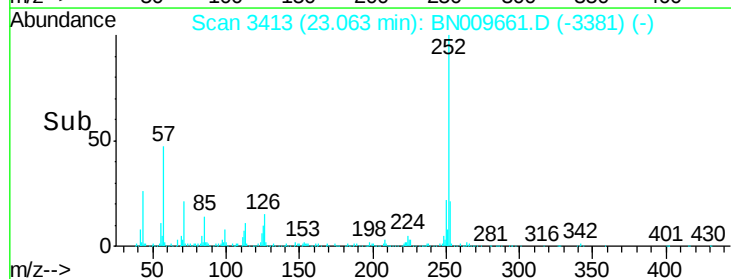
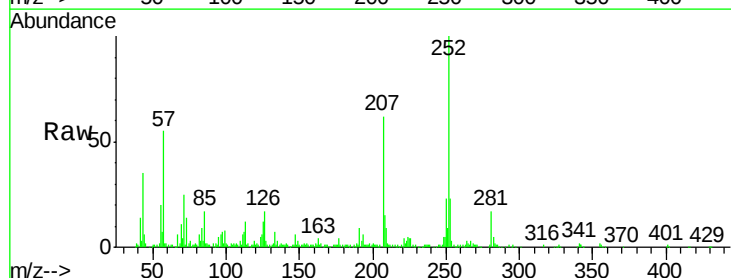
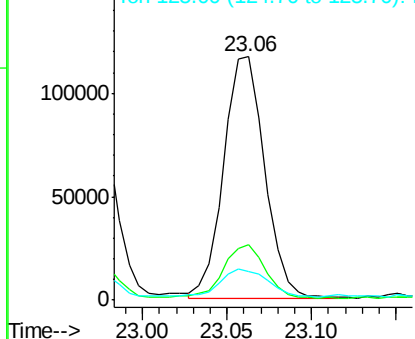
Delta R.T. -0.01 min

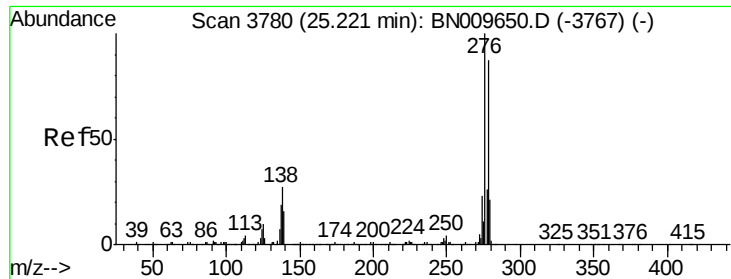
Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Tgt Ion:	252	Resp:	196776
Ion Ratio	Lower	Upper	
252	100		
253	23.0	15.8	23.8
125	12.0	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





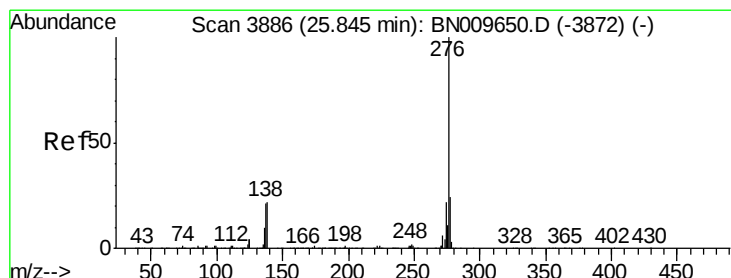
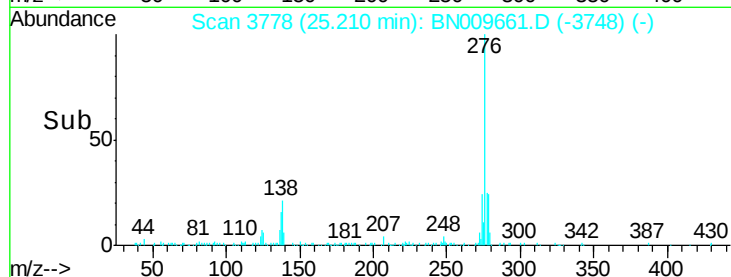
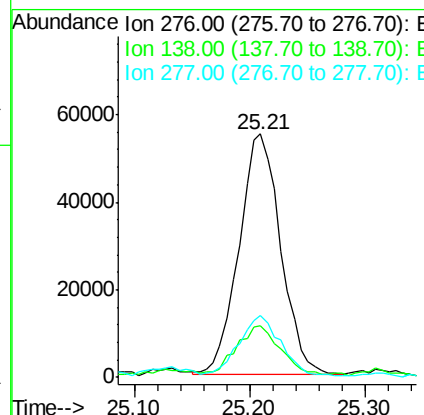
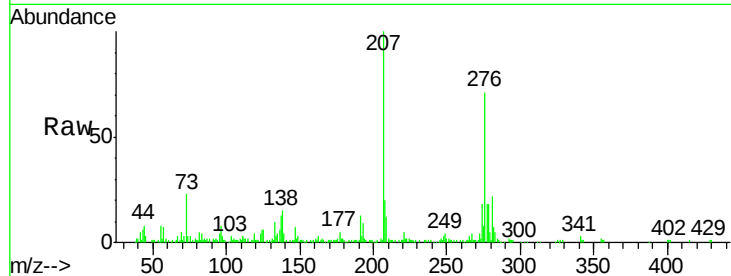
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.473 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009661.D
Acq: 08 Feb 2020 00:01

Instrument :
BNA_N
ClientSampled :
CB6J9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.3	30.5
277	25.5	21.2	31.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:24:06 AM



#93
Benzo(g,h,i)perylene
Concen: 2.714 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009661.D
Acq: 08 Feb 2020 00:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.0	24.0
277	23.2	17.0	25.6

