

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011458.D
 Acq On : 17 Aug 2020 19:53
 Operator : CG/JU
 Sample : L3611-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM

Quant Time: Aug 18 06:09:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 04:25:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	193810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	629749	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	368825	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	766941	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	801860	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	842233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	6874m	1.70	ng/uL	0.00
5) Phenol-d5	6.64	99	103011	7.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	58223	8.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	94097	7.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	60242	5.41	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	46545	9.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	50950	9.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	85575	8.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	24358m	1.96	ng/ul	0.01
44) Dimethylphthalate-d6	13.49	166	297423	10.36	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	322584	9.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	28505m	5.86	ng/ul	0.00
58) Fluorene-d10	15.07	176	246733	9.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	27606	5.43	ng/ul	0.00
71) Anthracene-d10	16.92	188	334244	9.12	ng/ul	0.00
79) Pyrene-d10	19.23	212	390866	9.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	378999m	8.10	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.54	163	65348	2.217	ng/ul 98
70) Phenanthrene	16.86	178	260346	5.723	ng/ul 97
72) Anthracene	16.96	178	55590m	1.207	ng/ul
77) Fluoranthene	18.89	202	446679	8.025	ng/ul 98
80) Pyrene	19.26	202	348839	6.182	ng/ul 99
83) Benzo(a)anthracene	21.03	228	211958	3.973	ng/ul 96
85) Chrysene	21.08	228	192225m	3.628	ng/ul
88) Benzo(b)fluoranthene	22.53	252	262235	4.454	ng/ul# 92
89) Benzo(k)fluoranthene	22.57	252	82211m	1.406	ng/ul
91) Benzo(a)pyrene	23.06	252	159677	2.943	ng/ul# 90
92) Indeno(1,2,3-cd)pyrene	25.20	276	116369	1.674	ng/ul 97
94) Benzo(g,h,i)perylene	25.83	276	91100	1.580	ng/ul# 94

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

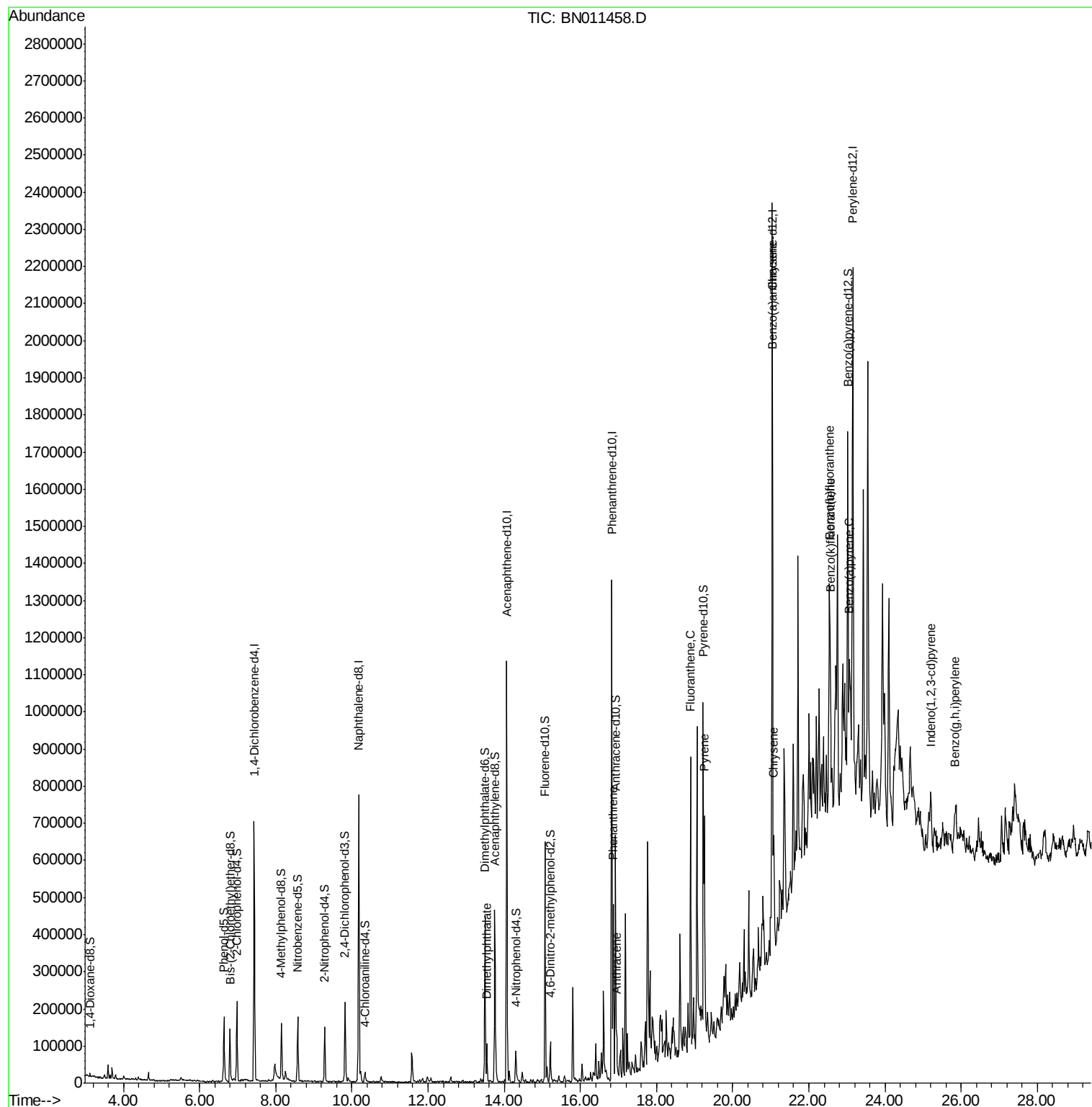
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081720\
Data File : BN011458.D
Acq On : 17 Aug 2020 19:53
Operator : CG/JU
Sample : L3611-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

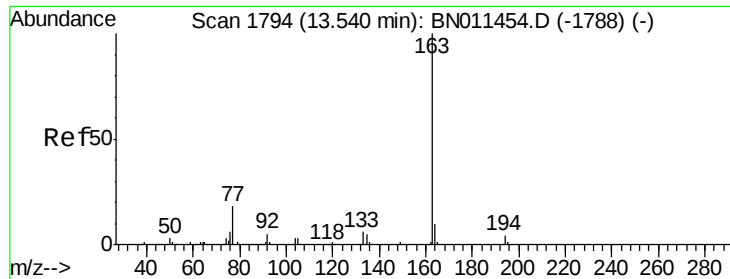
Instrument :
BNA_N
ClientSampleId :
DBFM0

Quant Time: Aug 18 06:09:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/19/2020 2:19:03 PM





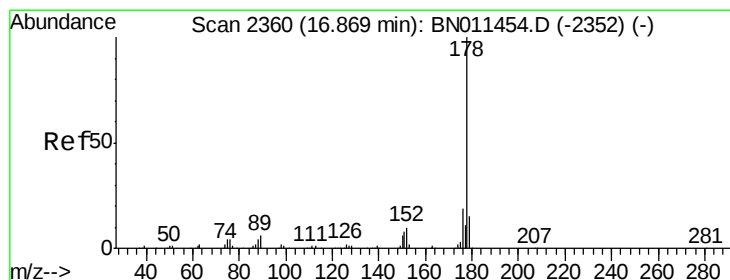
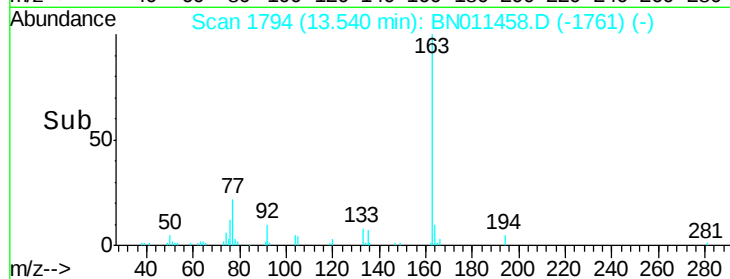
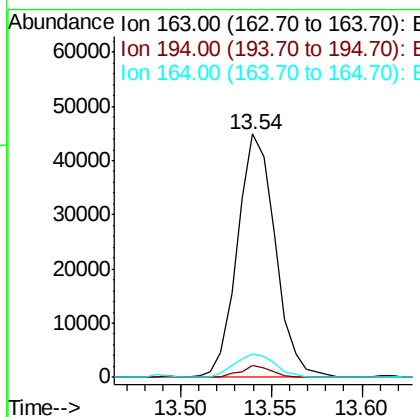
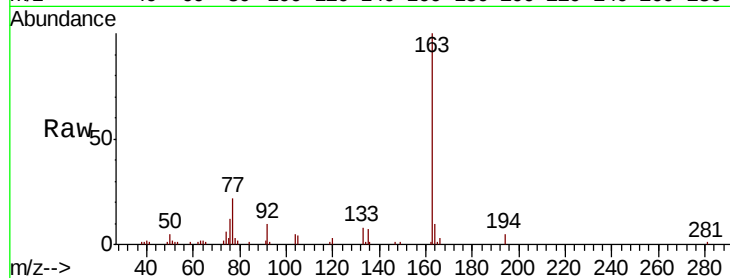
#45
Dimethylphthalate
Concen: 2.217 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Instrument :
BNA_N
ClientSampleId :
DBFM0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	9.7	8.7	13.1

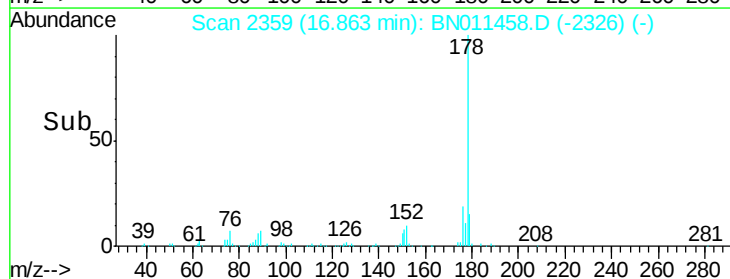
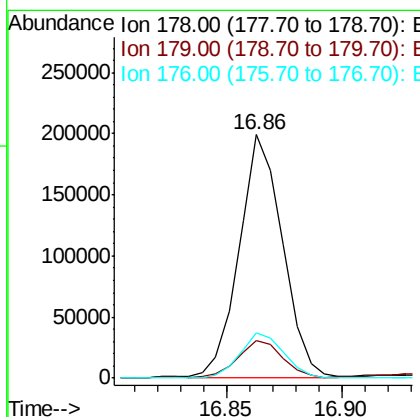
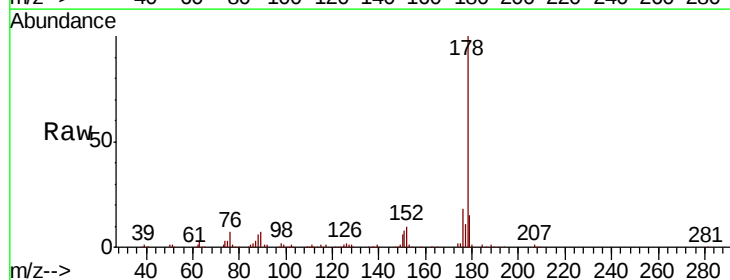
Manual Integrations
APPROVED

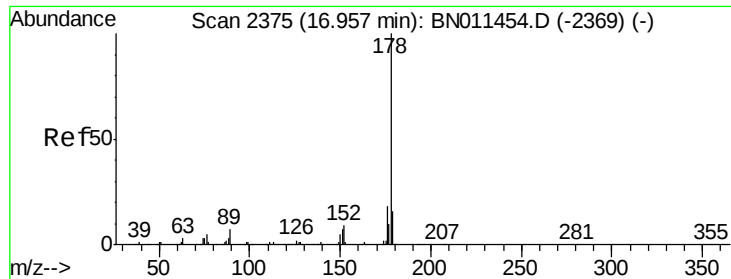
mohammad
8/19/2020 2:19:03 PM



#70
Phenanthrene
Concen: 5.723 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.1	19.7
176	18.4	15.7	23.5





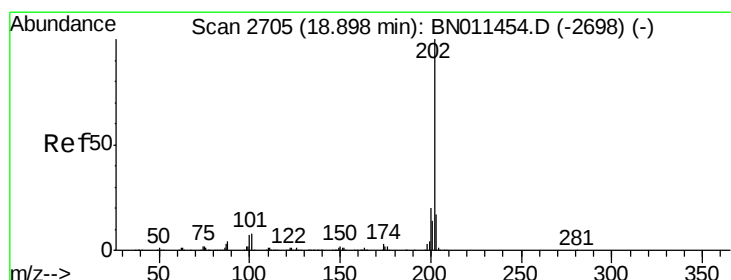
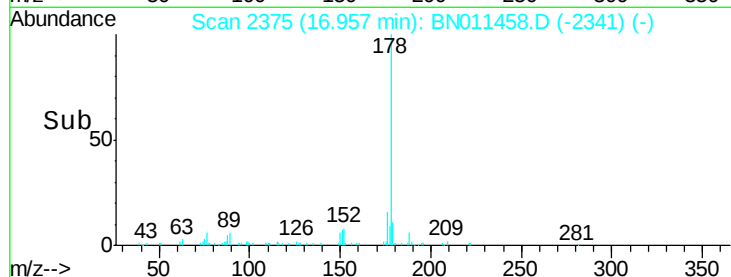
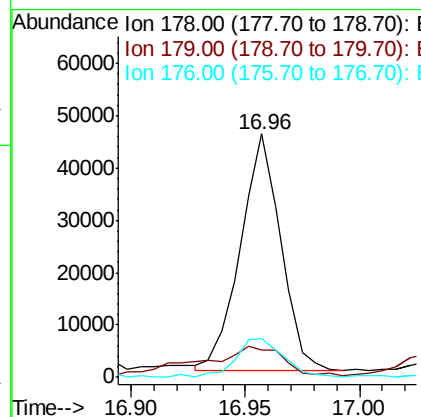
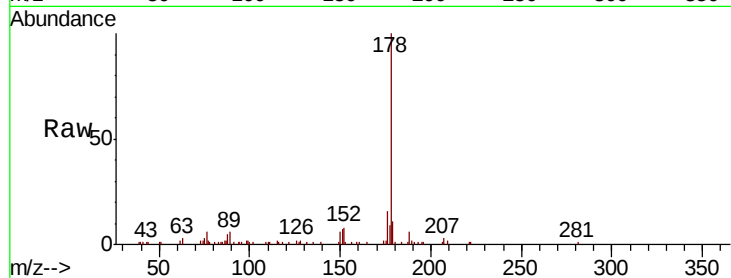
#72
 Anthracene
 Concen: 1.207 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BN011458.D
 Acq: 17 Aug 2020 19:53

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Tot Ion	Ratio	Lower	Upper
178	100		
179	11.5	13.0	19.4#
176	15.9	14.6	21.8

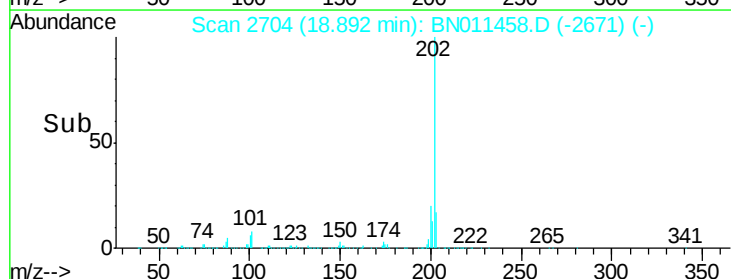
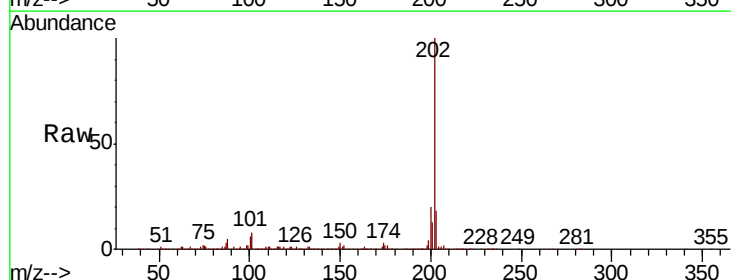
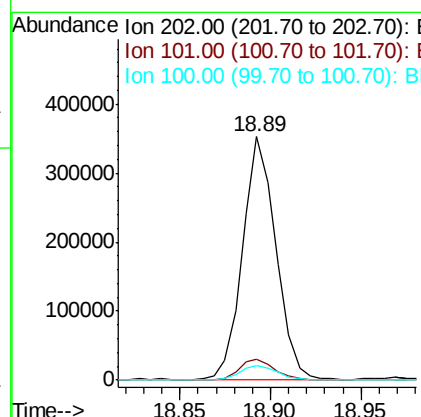
Manual Integrations
 APPROVED

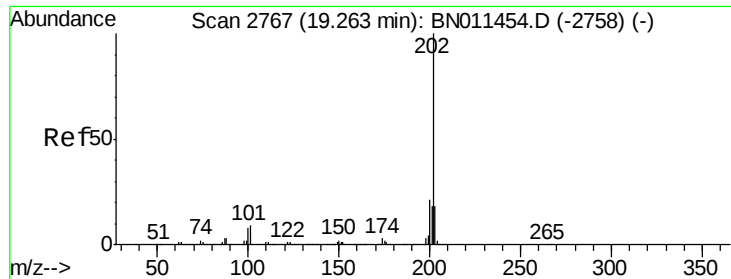
mohammad
 8/19/2020 2:19:03 PM



#77
 Fluoranthene
 Concen: 8.025 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN011458.D
 Acq: 17 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.3	10.9
100	6.1	5.2	7.8





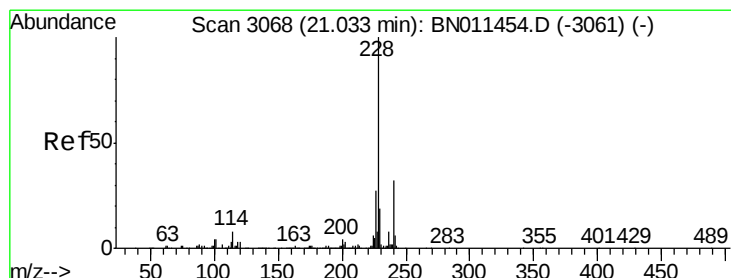
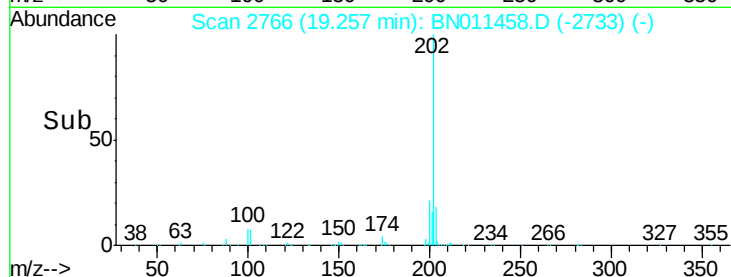
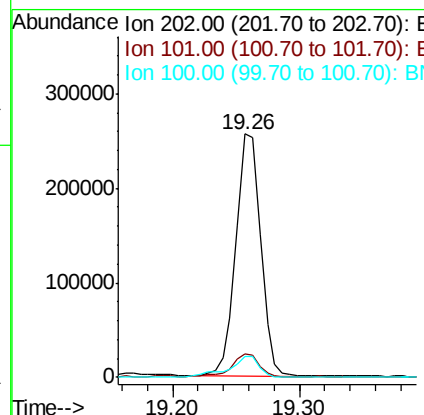
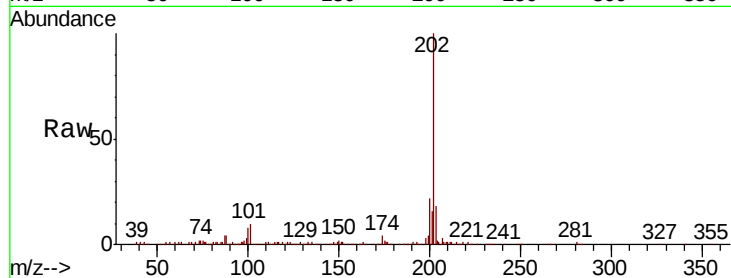
#80
Pvrene
Concen: 6.182 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Instrument :
BNA_N
ClientSampleId :
DBFM0

Tot Ion:	202	Resp:	348839
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.8	11.8
100	8.4	6.5	9.7

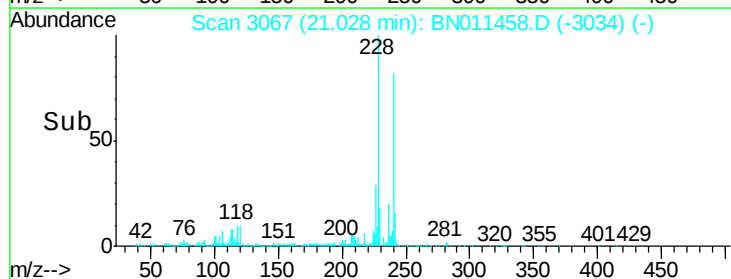
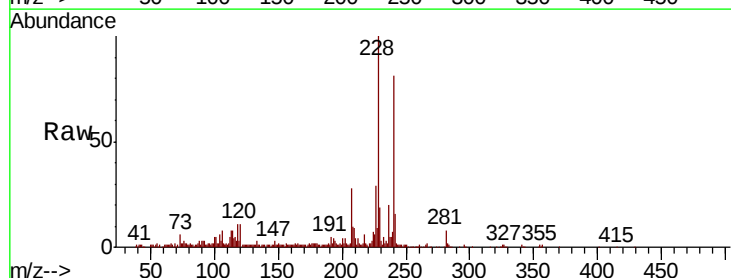
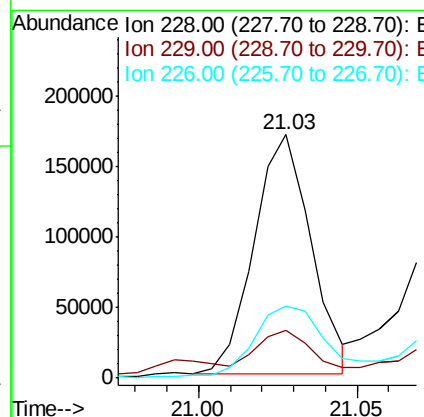
Manual Integrations
APPROVED

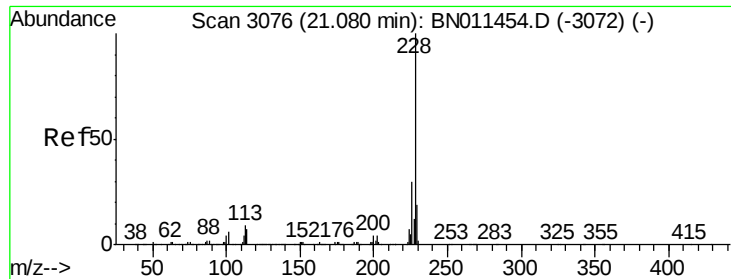
mohammad
8/19/2020 2:19:03 PM



#83
Benzo(a)anthracene
Concen: 3.973 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Tgt Ion:	228	Resp:	211958
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.0	22.4
226	29.5	21.5	32.3





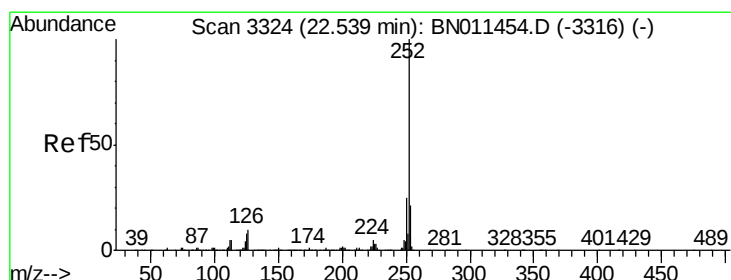
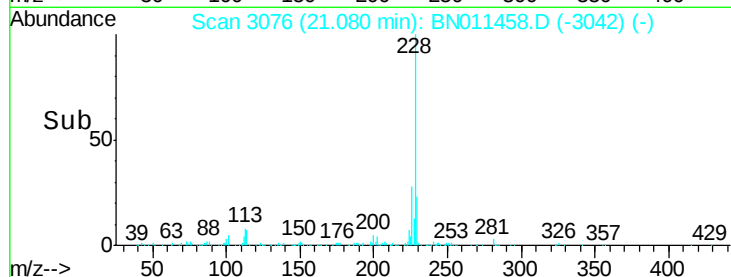
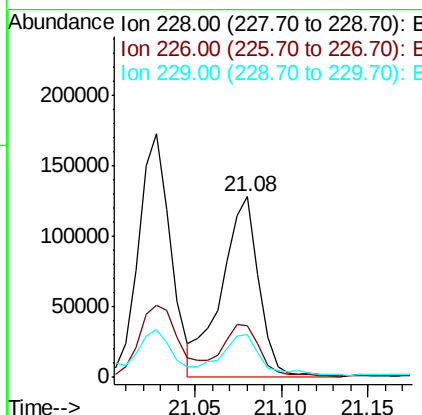
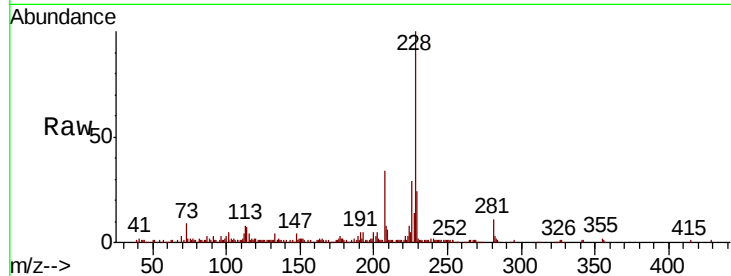
#85
Chrysene
Concen: 3.628 ng/ul m
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Instrument :
BNA_N
ClientSampled :
DBFM0

Tot Ion	Ratio	Resp	Lower	Upper
228	100	192225		
226	28.8	23.5	35.3	
229	23.5	15.0	22.6	

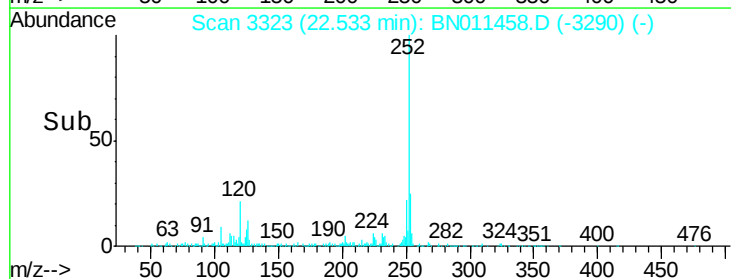
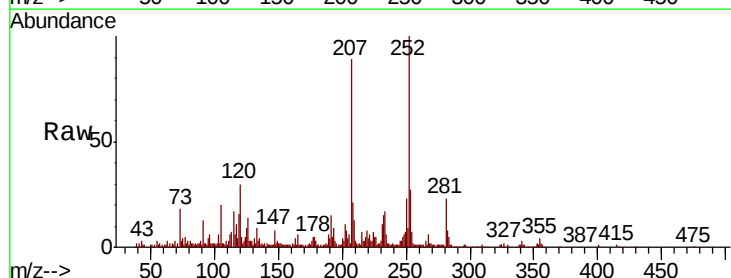
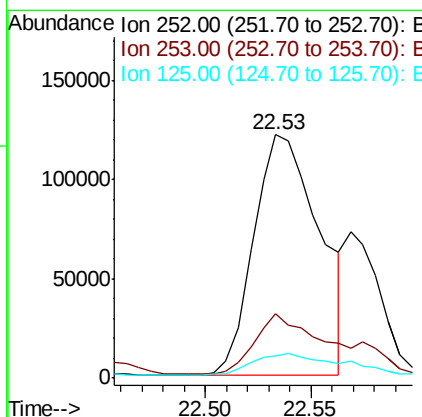
Manual Integrations
APPROVED

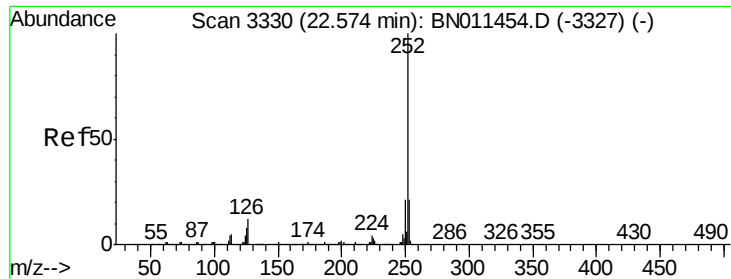
mohammad
8/19/2020 2:19:03 PM



#88
Benzo(b)fluoranthene
Concen: 4.454 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	262235		
253	26.6	17.2	25.8	
125	8.9	6.6	9.8	





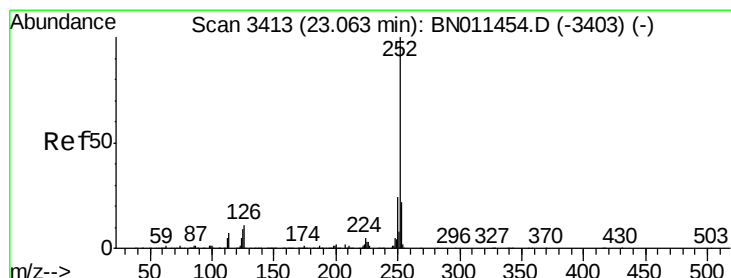
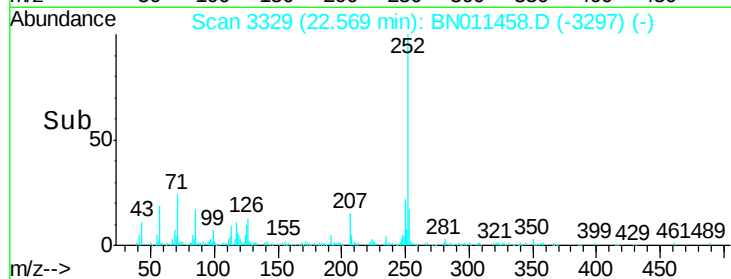
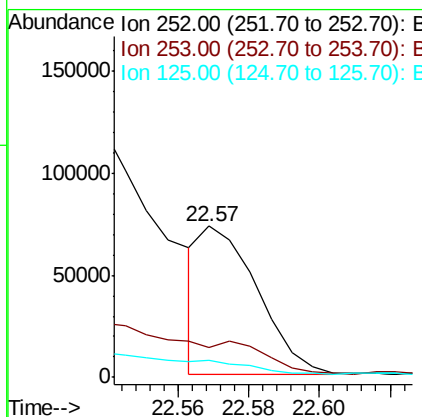
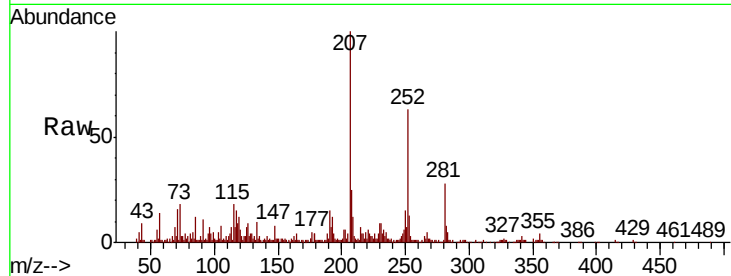
#89
Benzo(k)fluoranthene
Concen: 1.406 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Instrument :
BNA_N
ClientSampleId :
DBFM0

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	15.8	23.6
125	11.6	6.0	9.0#

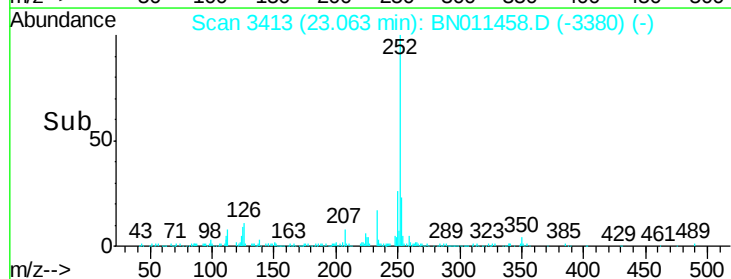
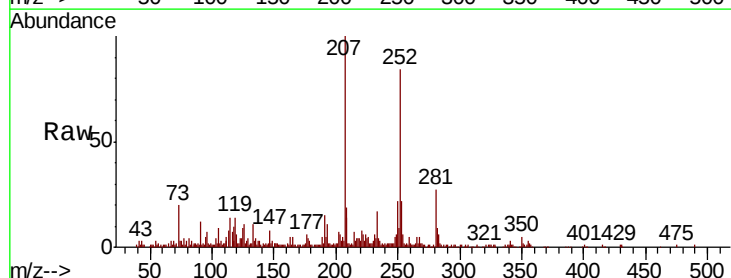
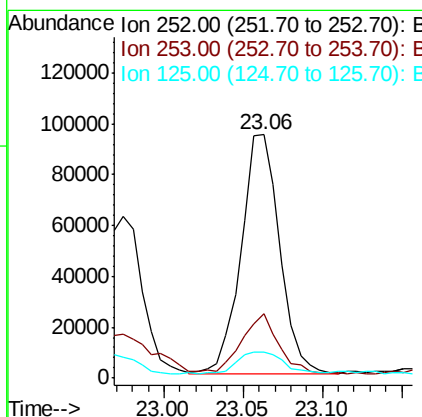
Manual Integrations
APPROVED

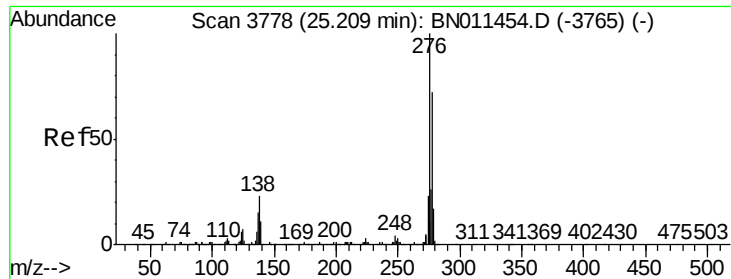
mohammad
8/19/2020 2:19:03 PM



#91
Benzo(a)pyrene
Concen: 2.943 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011458.D
Acq: 17 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.6	25.0#
125	10.9	7.1	10.7#





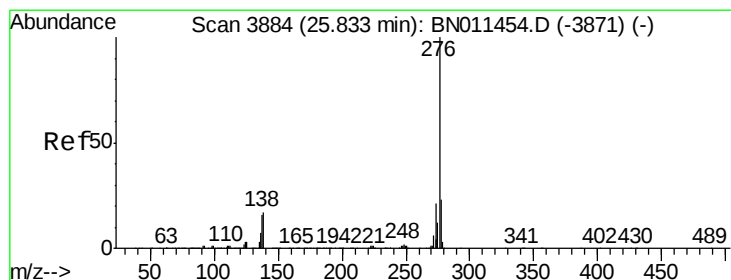
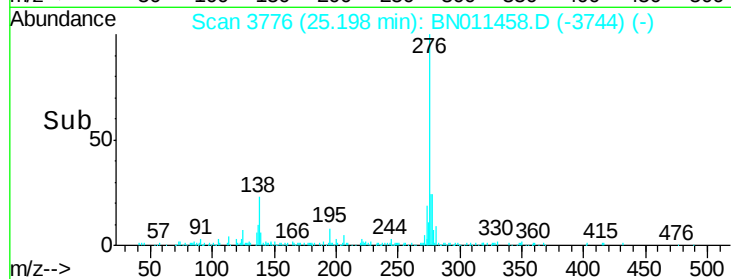
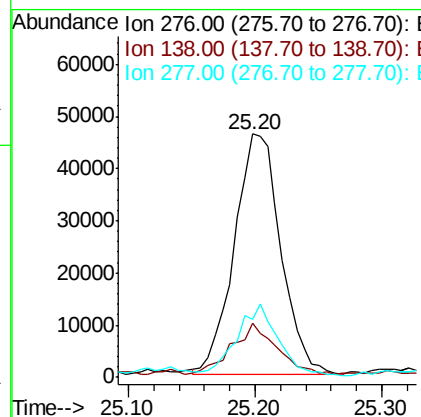
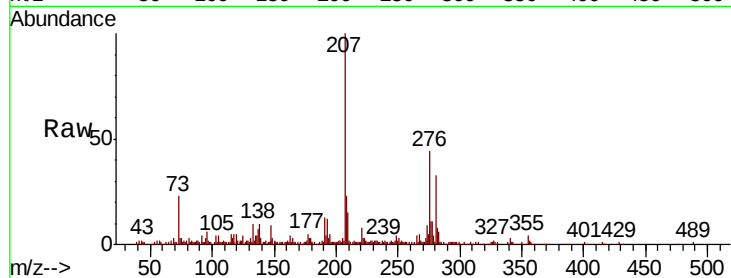
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.674 ng/ul
 RT: 25.20 min Scan# 3776
 Delta R.T. -0.01 min
 Lab File: BN011458.D
 Acq: 17 Aug 2020 19:53

Instrument :
 BNA_N
 ClientSampleId :
 DBFM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.4
277	24.0	18.1	27.1

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:03 PM



#94
 Benzo(g,h,i)perylene
 Concen: 1.580 ng/ul
 RT: 25.83 min Scan# 3883
 Delta R.T. 0.00 min
 Lab File: BN011458.D
 Acq: 17 Aug 2020 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.3	22.9
277	24.5	16.2	24.4#

