

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012713.D
 Acq On : 24 Nov 2020 13:04
 Operator : CG/JU
 Sample : L4751-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B82

Manual Integrations
 APPROVED

mohammad
 11/25/2020 1:20:44 PM

Quant Time: Nov 24 13:43:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 11:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1020	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2407	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5031	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4375	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4016	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	838	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1897	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	331	0.025	ng/ul#	62
7) Acenaphthylene	13.81	152	950	0.081	ng/ul#	86
8) Acenaphthene	14.16	153	1584	0.160	ng/ul	98
9) Fluorene	15.15	166	2607	0.240	ng/ul	98
11) Pentachlorophenol	16.51	266	70	0.044	ng/ul	97
12) Phenanthrene	16.89	178	126492	7.226	ng/ul	95
13) Anthracene	16.98	178	17341	1.139	ng/ul	95
15) Fluoranthene	18.92	202	404359	20.007	ng/ul	98
17) Pyrene	19.28	202	302830	15.475	ng/ul	96
18) Benzo(a)anthracene	21.05	228	150831	9.621	ng/ul	98
19) Chrysene	21.10	228	180260	9.205	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	256187m	13.867	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	91921m	4.314	ng/ul	
23) Benzo(a)pyrene	23.09	252	150477	8.654	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	119432	5.253	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	28673	1.569	ng/ul	94
26) Benzo(a,h,i)perylene	25.89	276	105139	5.138	ng/ul	96

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

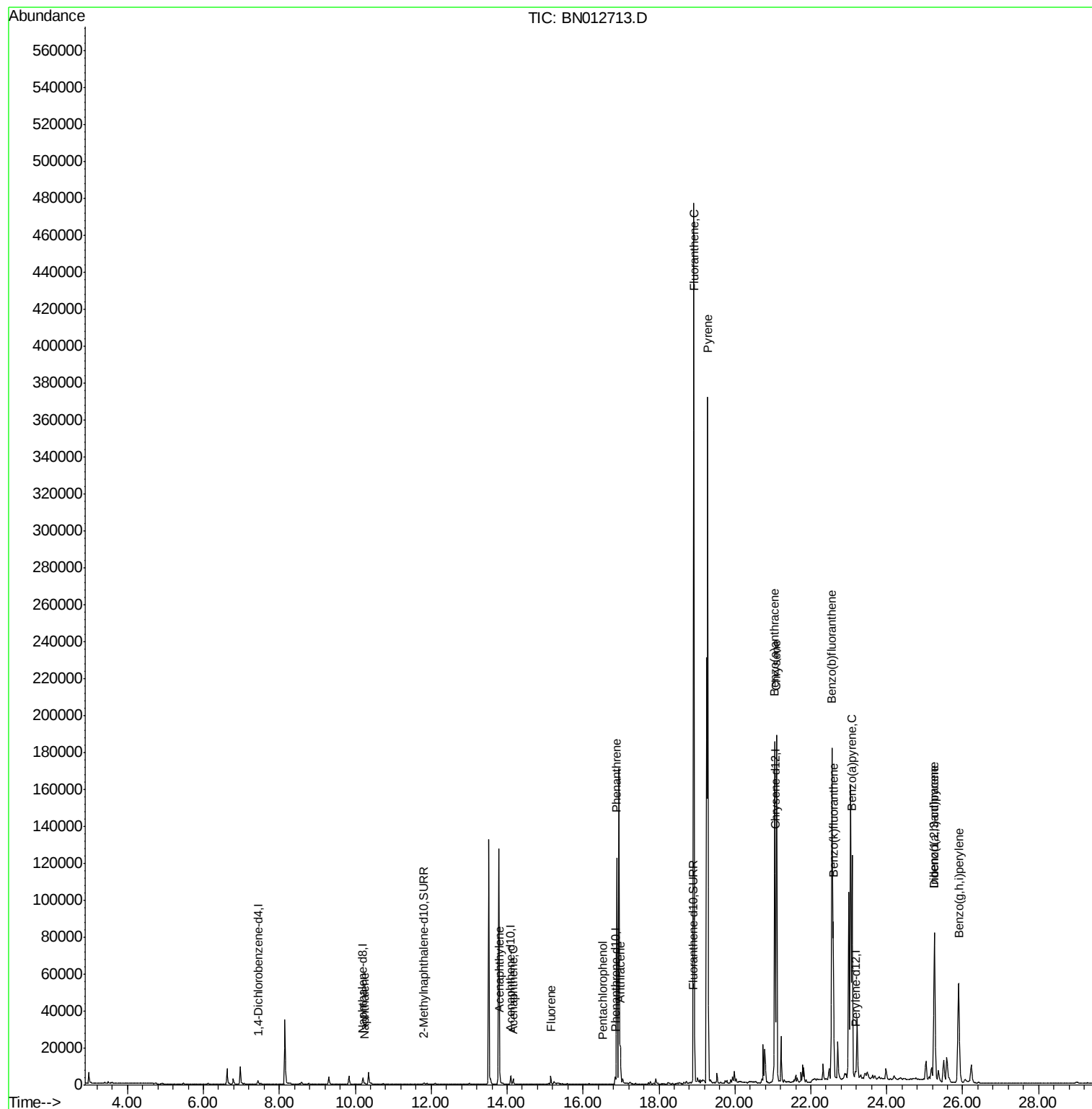
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012713.D
Acq On : 24 Nov 2020 13:04
Operator : CG/JU
Sample : L4751-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

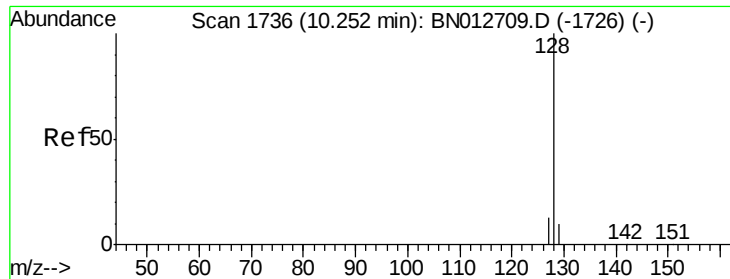
Instrument :
BNA_N
ClientSampleId :
C0B82

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:44 PM

Quant Time: Nov 24 13:43:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012713.D

Acq: 24 Nov 2020 13:04

Instrument :

BNA_N

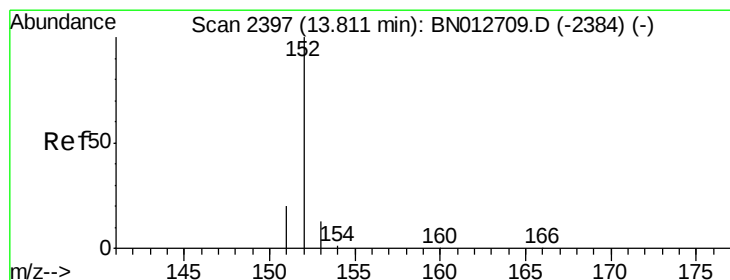
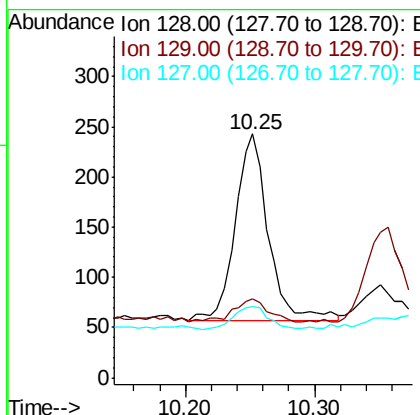
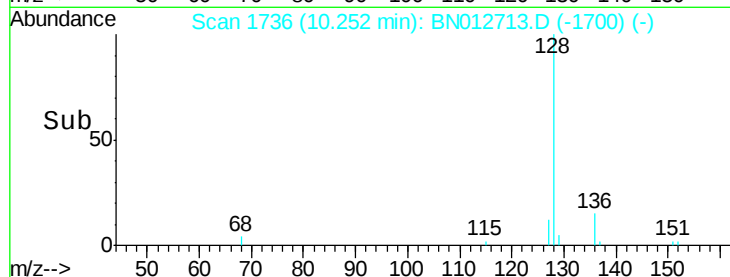
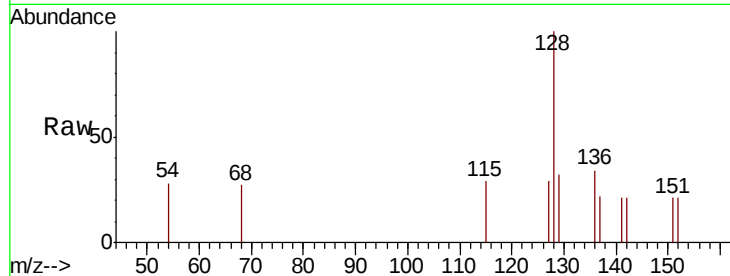
ClientSampled :

C0B82

Tot Ion:	128	Resp:	331
Ion Ratio	Lower	Upper	
128	100		
129	32.1	11.2	16.8#
127	29.2	12.5	18.7#

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:44 PM



#7

Acenaphthylene

Concen: 0.081 ng/ul

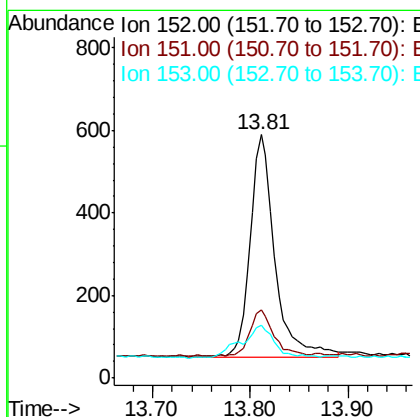
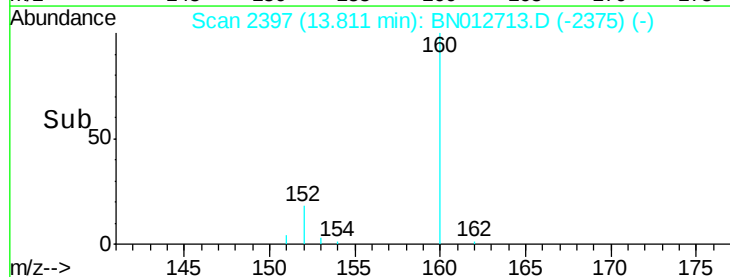
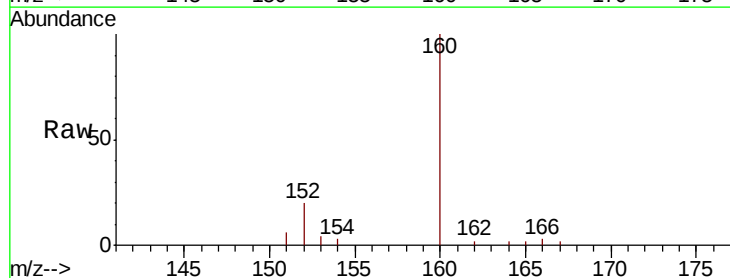
RT: 13.81 min Scan# 2397

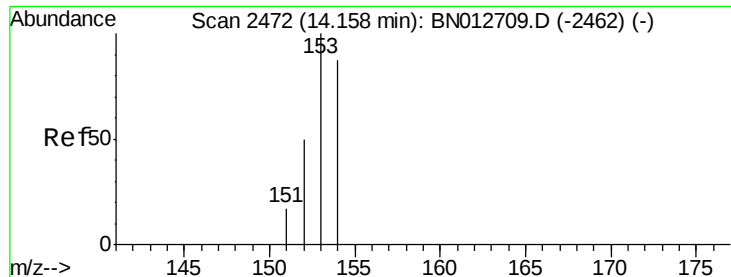
Delta R.T. 0.00 min

Lab File: BN012713.D

Acq: 24 Nov 2020 13:04

Tgt Ion:	152	Resp:	950
Ion Ratio	Lower	Upper	
152	100		
151	27.8	17.1	25.7#
153	21.5	12.6	19.0#





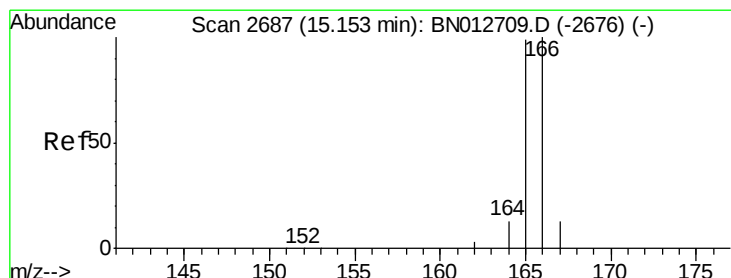
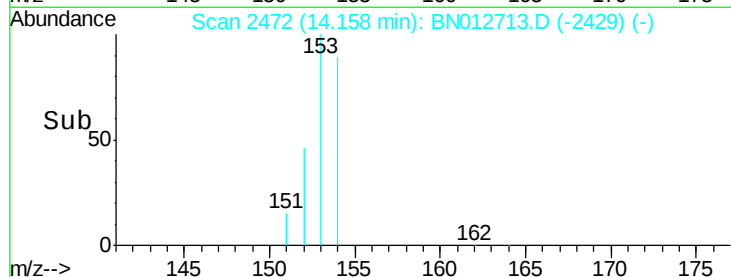
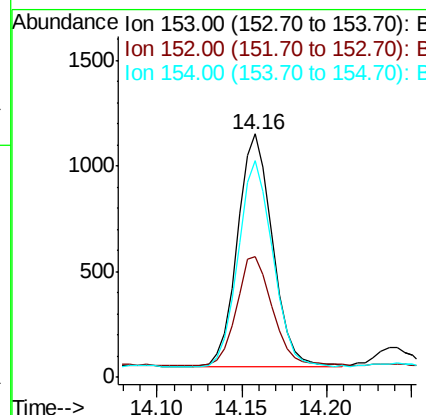
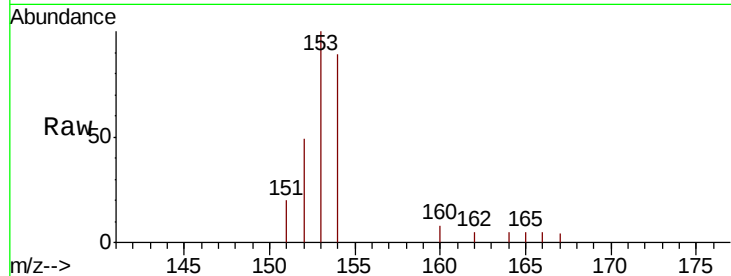
#8
Acenaphthene
Concen: 0.160 ng/ul
RT: 14.16 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BN012713.D
Acq: 24 Nov 2020 13:04

Instrument :
BNA_N
ClientSampleId :
C0B82

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.4	41.4	62.0
154	89.1	70.9	106.3

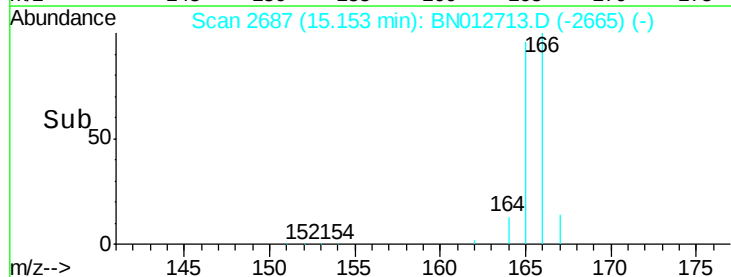
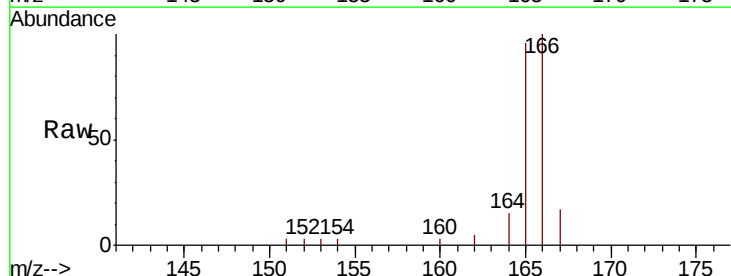
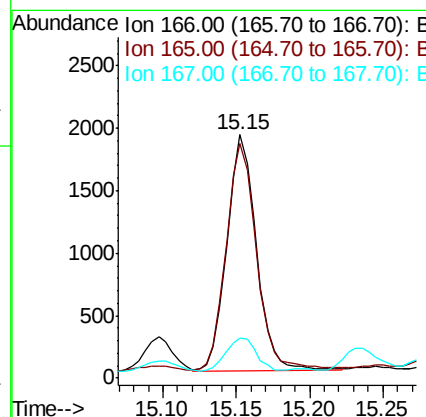
Manual Integrations
APPROVED

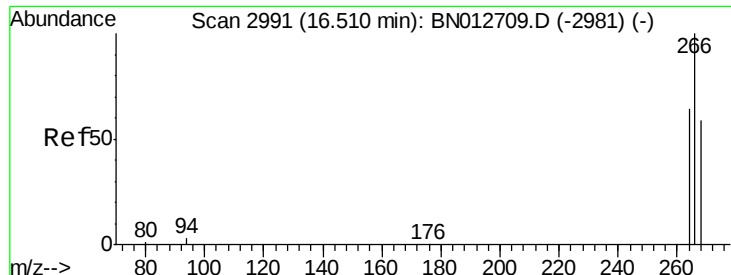
mohammad
11/25/2020 1:20:44 PM



#9
Fluorene
Concen: 0.240 ng/ul
RT: 15.15 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BN012713.D
Acq: 24 Nov 2020 13:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.5	117.7
167	16.6	12.7	19.1





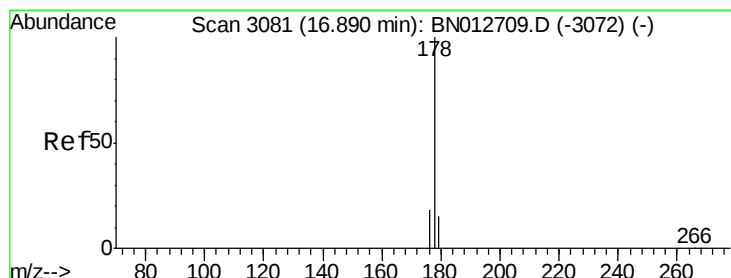
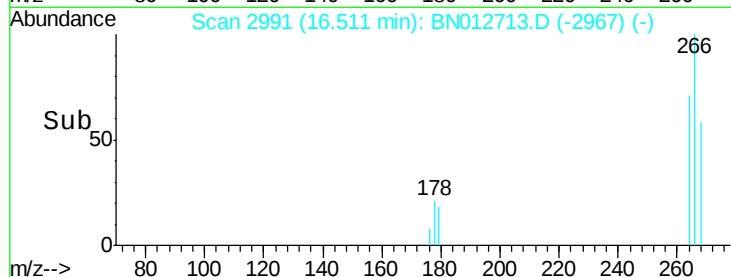
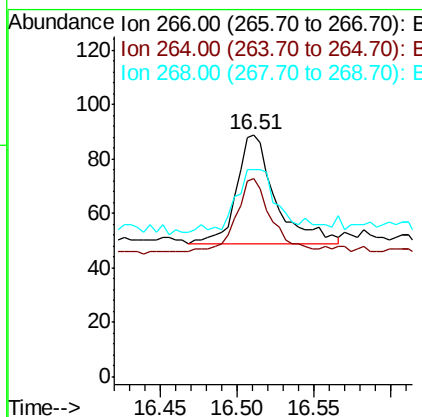
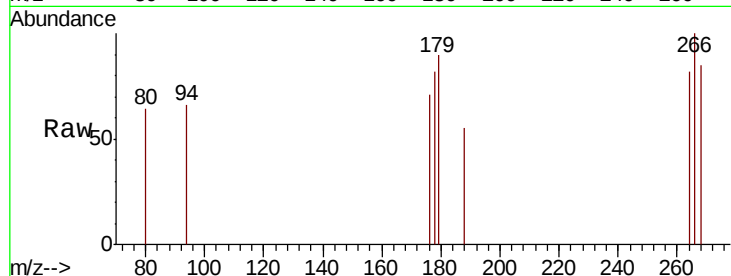
#11
 Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 16.51 min Scan# 2991
 Delta R.T. 0.00 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Instrument :
 BNA_N
 ClientSampleId :
 C0B82

Tot Ion:	266	Resp:	70
Ion Ratio	Lower	Upper	
266	100		
264	61.4	51.0	76.6
268	57.1	47.8	71.6

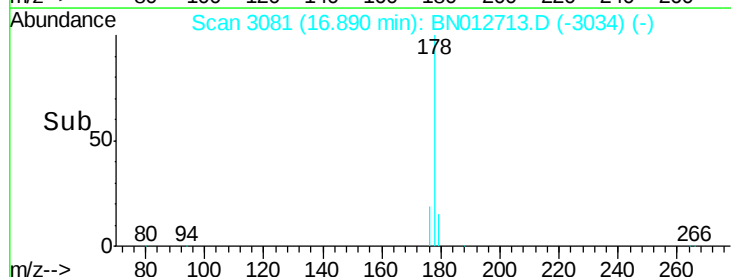
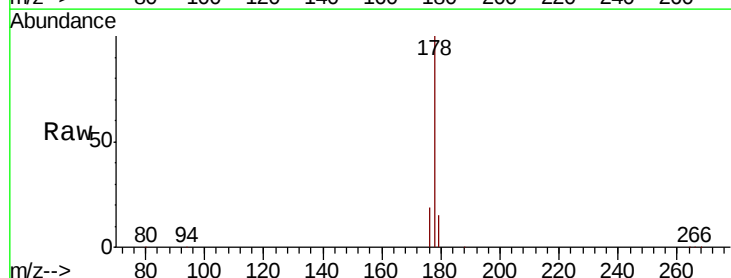
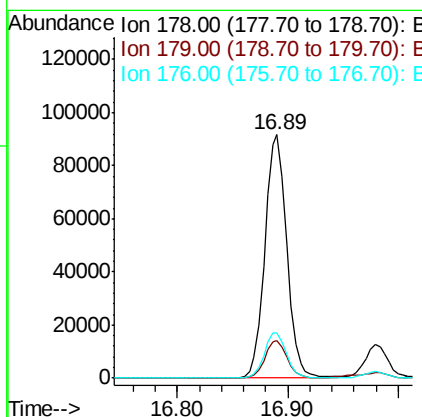
Manual Integrations
 APPROVED

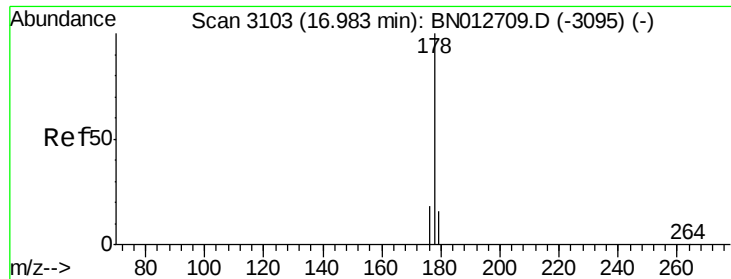
mohammad
 11/25/2020 1:20:44 PM



#12
 Phenanthrene
 Concen: 7.226 ng/ul
 RT: 16.89 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Tgt Ion:	178	Resp:	126492
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.8	20.6
176	18.7	16.7	25.1





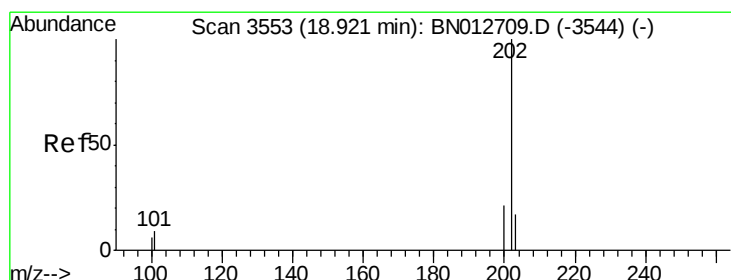
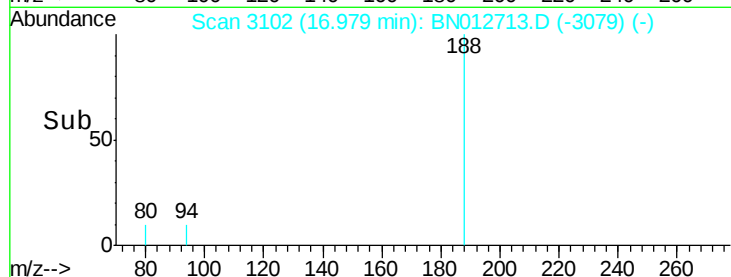
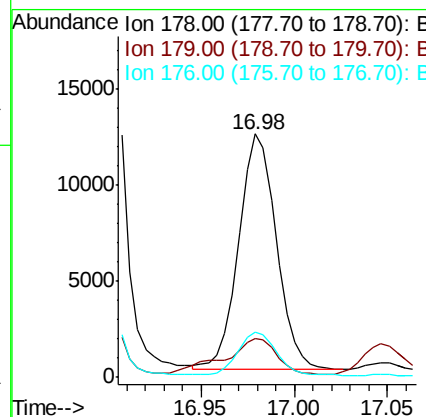
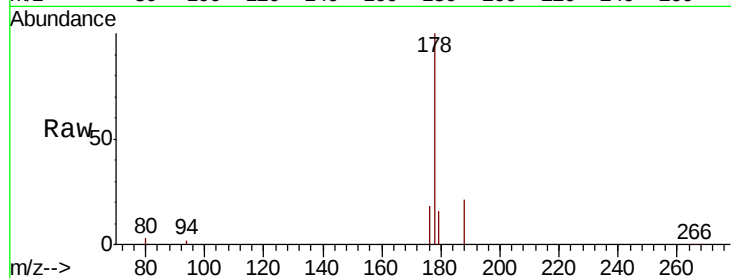
#13
 Anthracene
 Concen: 1.139 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Instrument :
 BNA_N
 ClientSampleId :
 C0B82

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.8	22.2
176	18.5	16.3	24.5

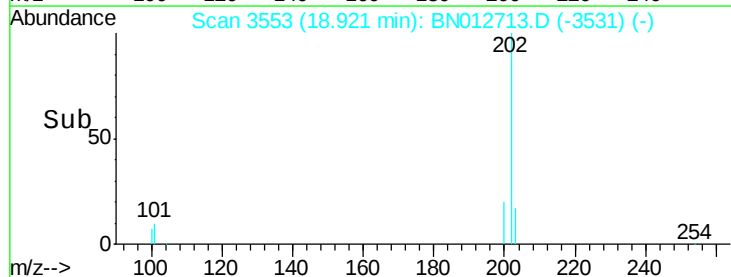
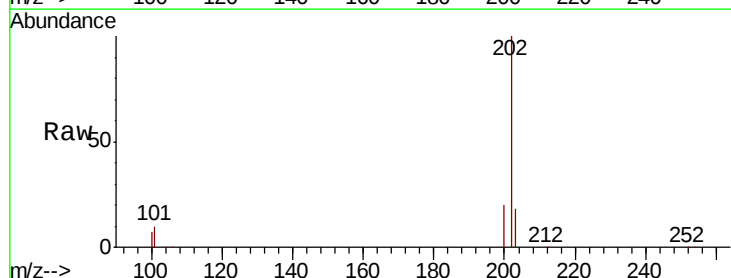
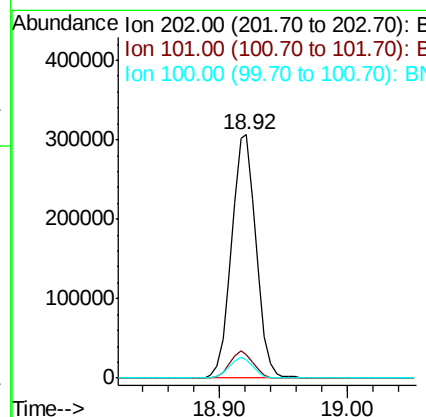
Manual Integrations
 APPROVED

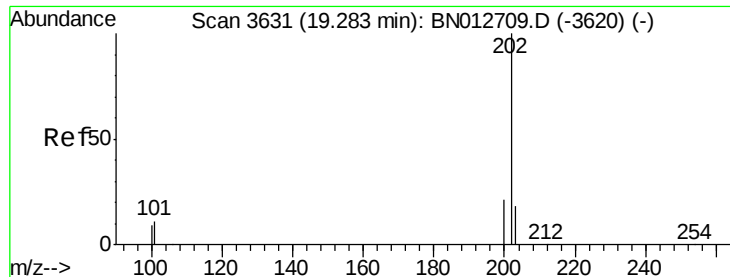
mohammad
 11/25/2020 1:20:44 PM



#15
 Fluoranthene
 Concen: 20.007 ng/ul
 RT: 18.92 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.5
100	7.3	0.0	28.4





#17

Pvrene

Concen: 15.475 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012713.D

Acq: 24 Nov 2020 13:04

Instrument :

BNA_N

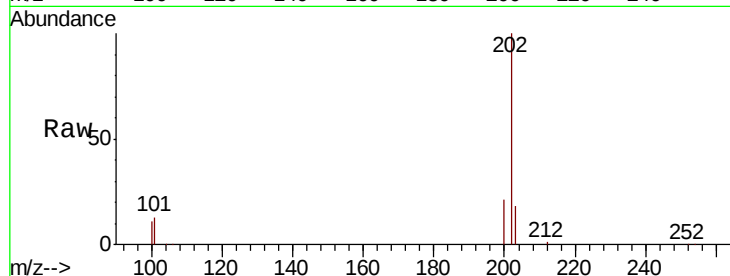
ClientSampleId :

C0B82

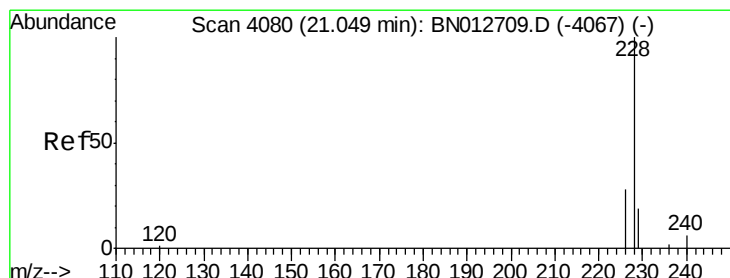
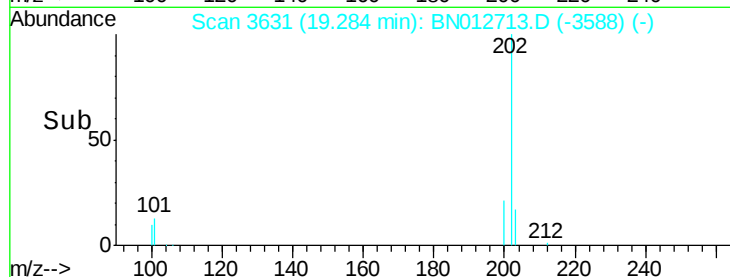
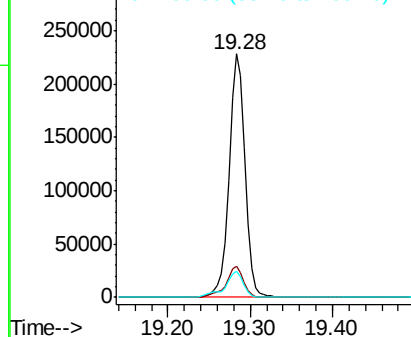
Tot Ion:	202	Resp:	302830
Ion Ratio	Lower	Upper	
202	100		
101	12.8	8.9	13.3
100	10.5	7.4	11.2

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:44 PM



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



#18

Benzo(a)anthracene

Concen: 9.621 ng/ul

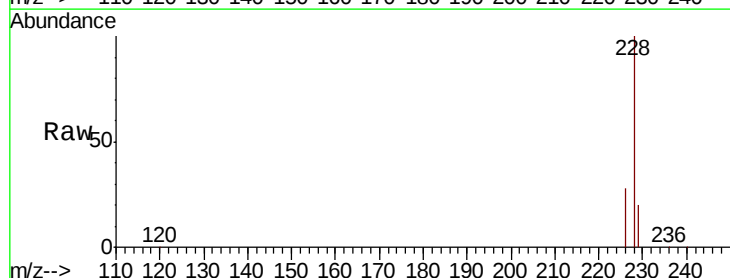
RT: 21.05 min Scan# 4079

Delta R.T. -0.00 min

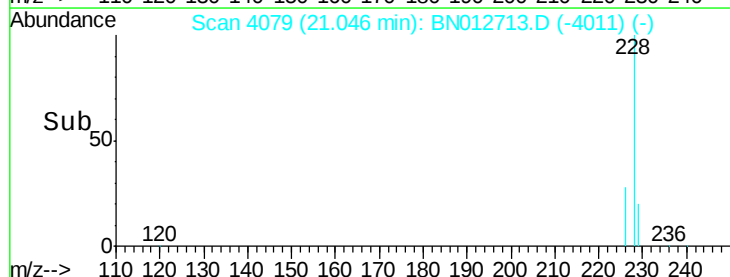
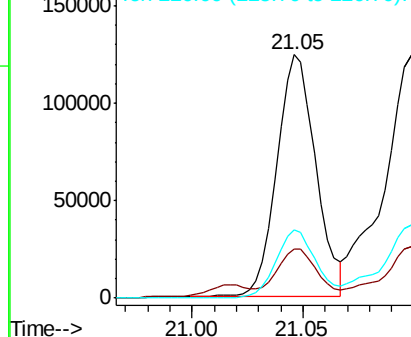
Lab File: BN012713.D

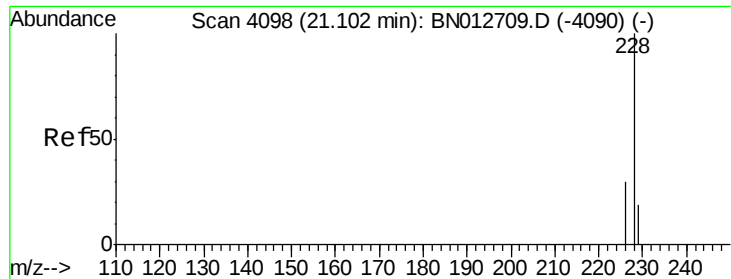
Acq: 24 Nov 2020 13:04

Tgt Ion:	228	Resp:	150831
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.9	25.3
226	28.0	23.1	34.7



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





#19

Chrysene

Concen: 9.205 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012713.D

Acq: 24 Nov 2020 13:04

Instrument :

BNA_N

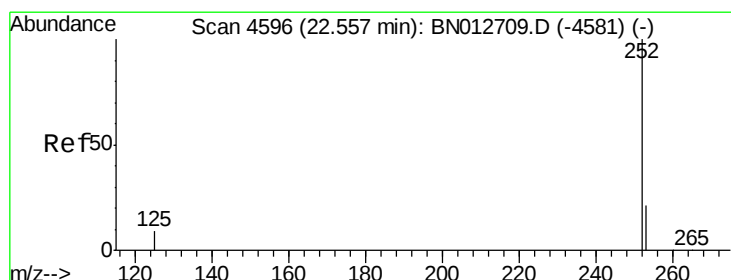
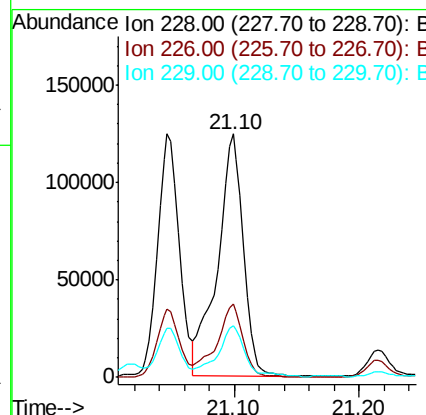
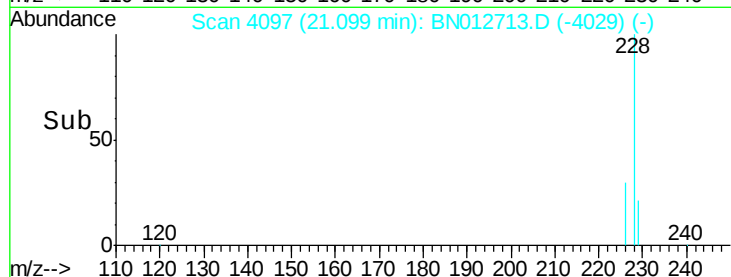
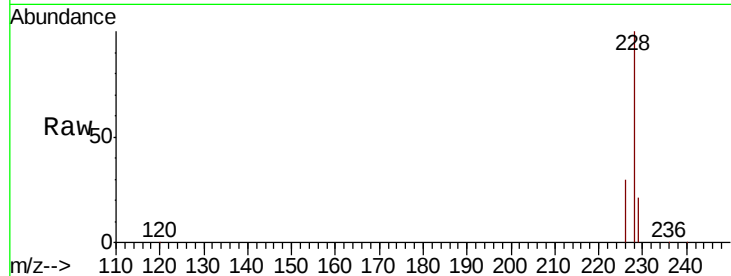
ClientSampleId :

C0B82

Tot Ion:	228	Resp:	180260
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	21.3	16.1	24.1

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:44 PM



#21

Benzo(b)fluoranthene

Concen: 13.867 ng/ul m

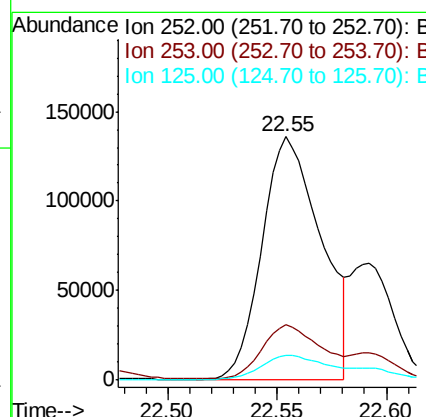
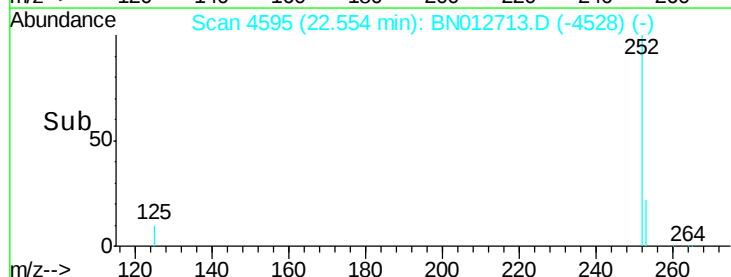
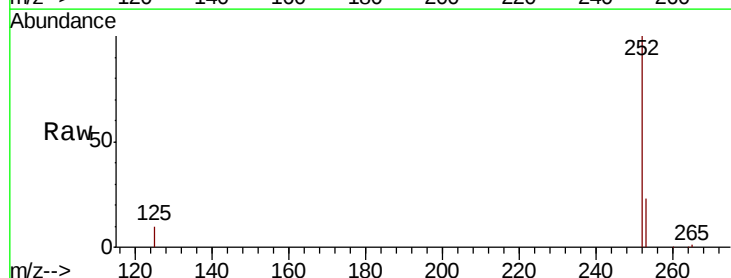
RT: 22.55 min Scan# 4595

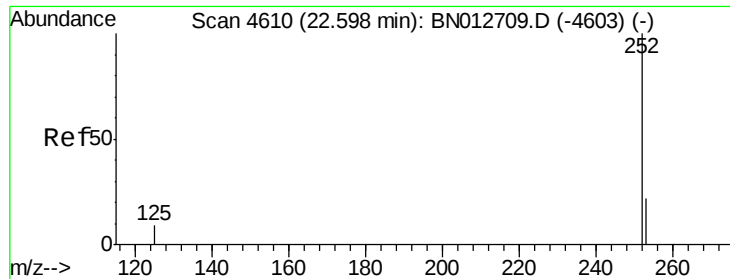
Delta R.T. -0.00 min

Lab File: BN012713.D

Acq: 24 Nov 2020 13:04

Tgt Ion:	252	Resp:	256187
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	58.4
125	10.3	0.0	28.6





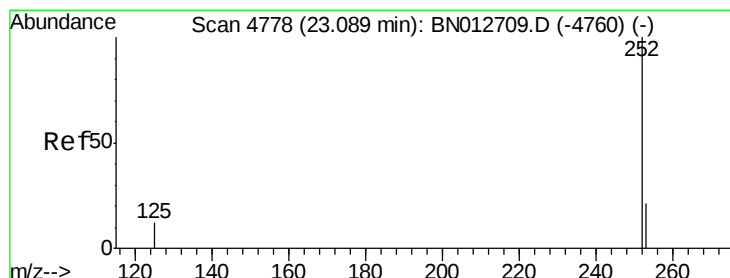
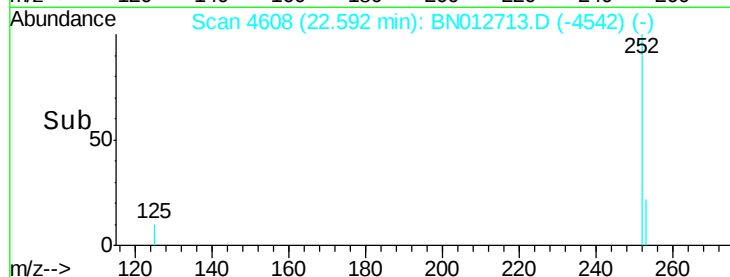
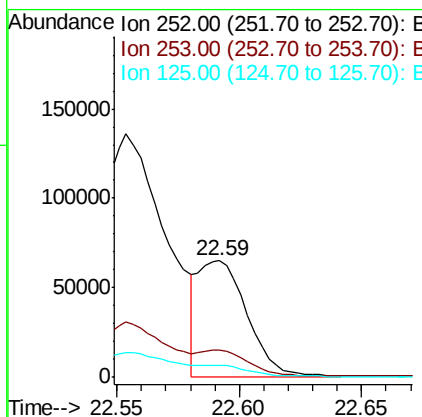
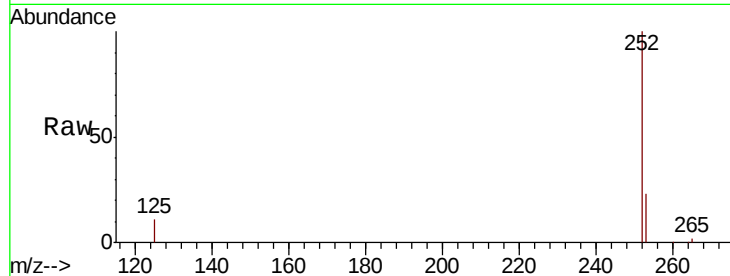
#22
Benzo(k)fluoranthene
Concen: 4.314 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012713.D
Acq: 24 Nov 2020 13:04

Instrument :
BNA_N
ClientSampleId :
C0B82

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	10.6	10.2	15.2

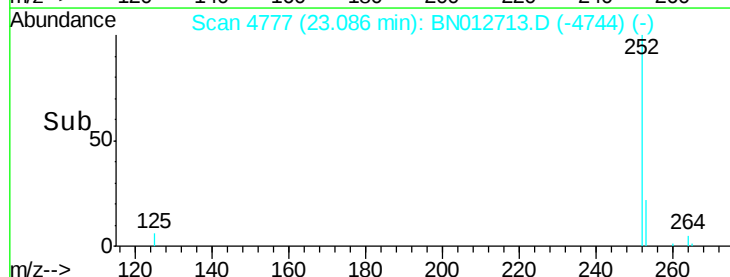
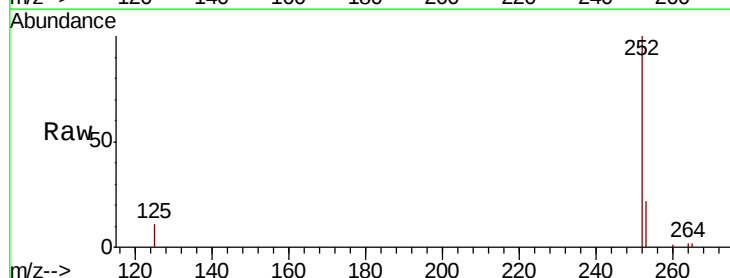
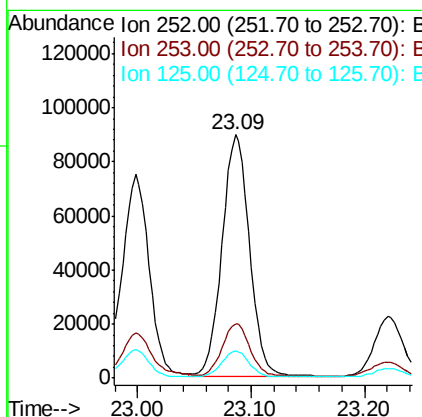
Manual Integrations
APPROVED

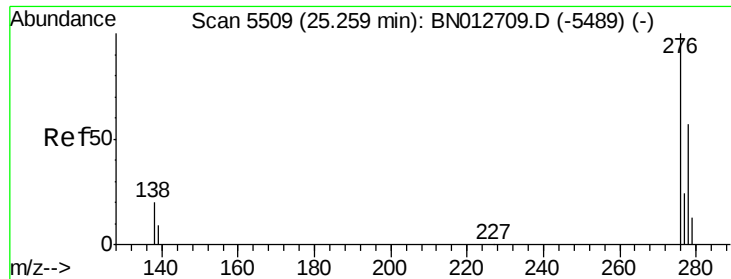
mohammad
11/25/2020 1:20:44 PM



#23
Benzo(a)pyrene
Concen: 8.654 ng/ul
RT: 23.09 min Scan# 4777
Delta R.T. -0.00 min
Lab File: BN012713.D
Acq: 24 Nov 2020 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.6	41.4#
125	11.2	17.0	25.4#





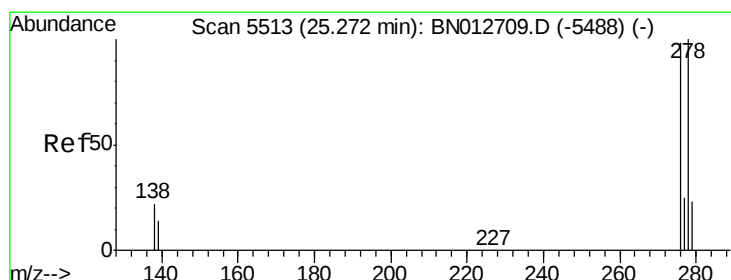
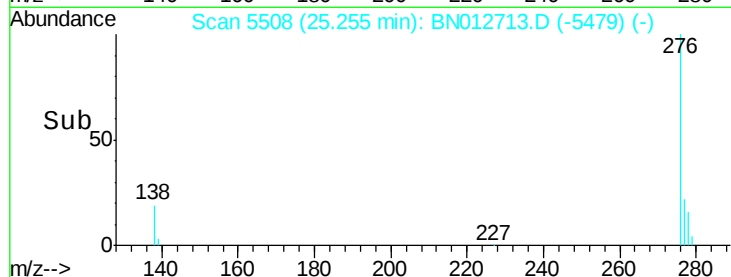
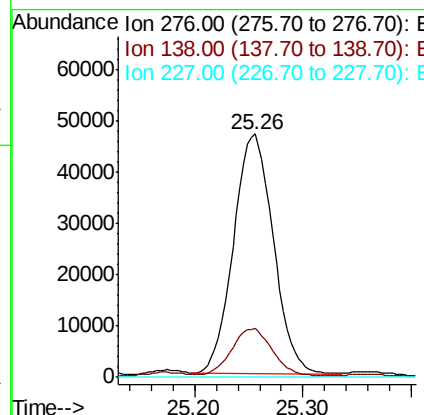
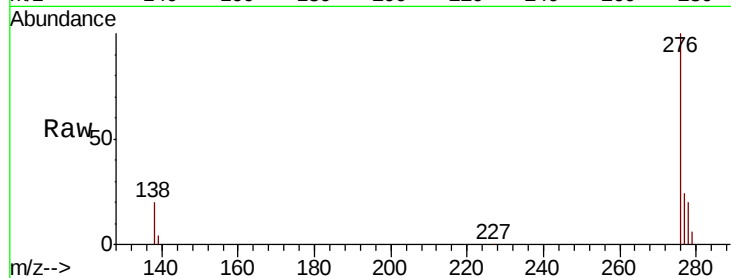
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.253 ng/ul
 RT: 25.26 min Scan# 5508
 Delta R.T. -0.00 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Instrument :
 BNA_N
 ClientSampleId :
 C0B82

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.5	24.7
227	0.2	0.1	0.1#

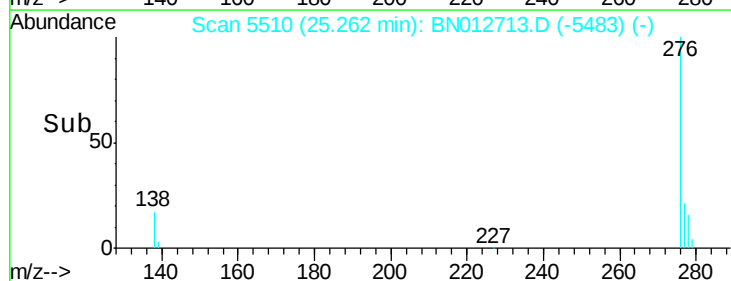
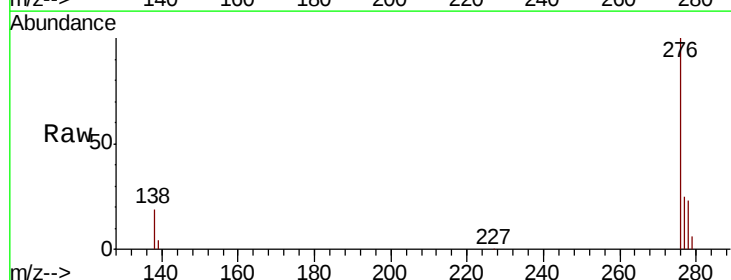
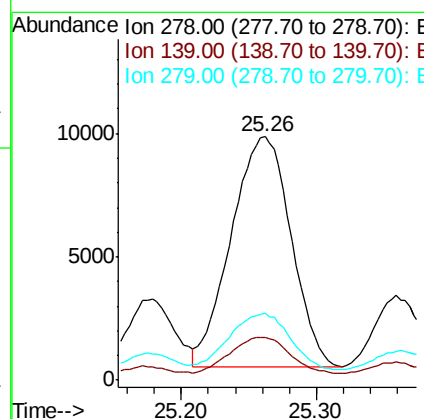
Manual Integrations
 APPROVED

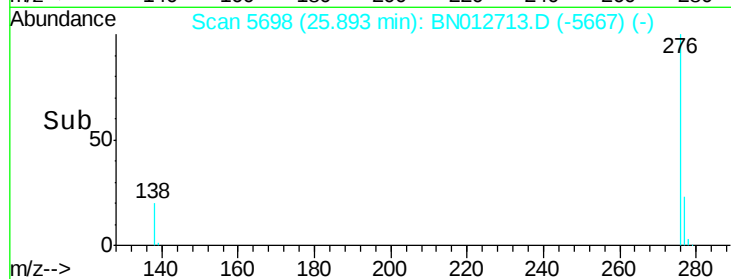
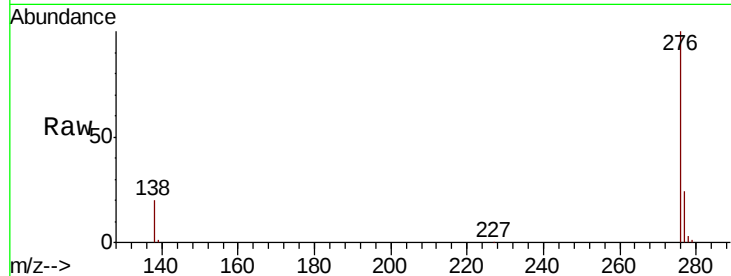
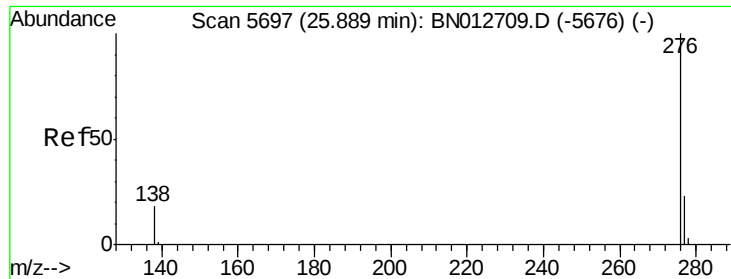
mohammad
 11/25/2020 1:20:44 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.569 ng/ul
 RT: 25.26 min Scan# 5510
 Delta R.T. -0.01 min
 Lab File: BN012713.D
 Acq: 24 Nov 2020 13:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.8	20.8
279	27.3	25.6	38.4





#26
Benzo(a,h,i)perylene
Concen: 5.138 ng/ul
RT: 25.89 min Scan# 5698
Delta R.T. 0.00 min
Lab File: BN012713.D
Acq: 24 Nov 2020 13:04

Instrument :
BNA_N
ClientSampleId :
C0B82

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.3	24.5
277	23.9	21.8	32.8

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:44 PM

