

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012803.D
 Acq On : 02 Dec 2020 04:29
 Operator : CG/JU
 Sample : L4793-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B48

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:28:28 PM

Quant Time: Dec 02 05:20:34 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 : Wed Dec 02 05:08:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	954	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3910	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2299	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4926	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4241	0.40	ng/ul	0.00
20) Perylene-d12	23.15	264	4353	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	625	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1562	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	268	0.023	ng/ul#	54
7) Acenaphthylene	13.79	152	319	0.028	ng/ul#	63
8) Acenaphthene	14.14	153	366	0.039	ng/ul	94
9) Fluorene	15.14	166	458	0.044	ng/ul#	95
12) Phenanthrene	16.87	178	14655	0.855	ng/ul	97
13) Anthracene	16.97	178	2603	0.175	ng/ul	99
15) Fluoranthene	18.90	202	32216	1.628	ng/ul	98
17) Pyrene	19.27	202	29368	1.548	ng/ul	99
18) Benzo(a)anthracene	21.03	228	13068	0.860	ng/ul	98
19) Chrysene	21.08	228	15461	0.814	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	21571m	1.077	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	7089m	0.307	ng/ul	
23) Benzo(a)pyrene	23.06	252	13428	0.712	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.22	276	9815	0.398	ng/ul#	56
25) Dibenzo(a,h)anthracene	25.23	278	2308	0.117	ng/ul#	84
26) Benzo(a,h,i)perylene	25.86	276	9383	0.423	ng/ul	98

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

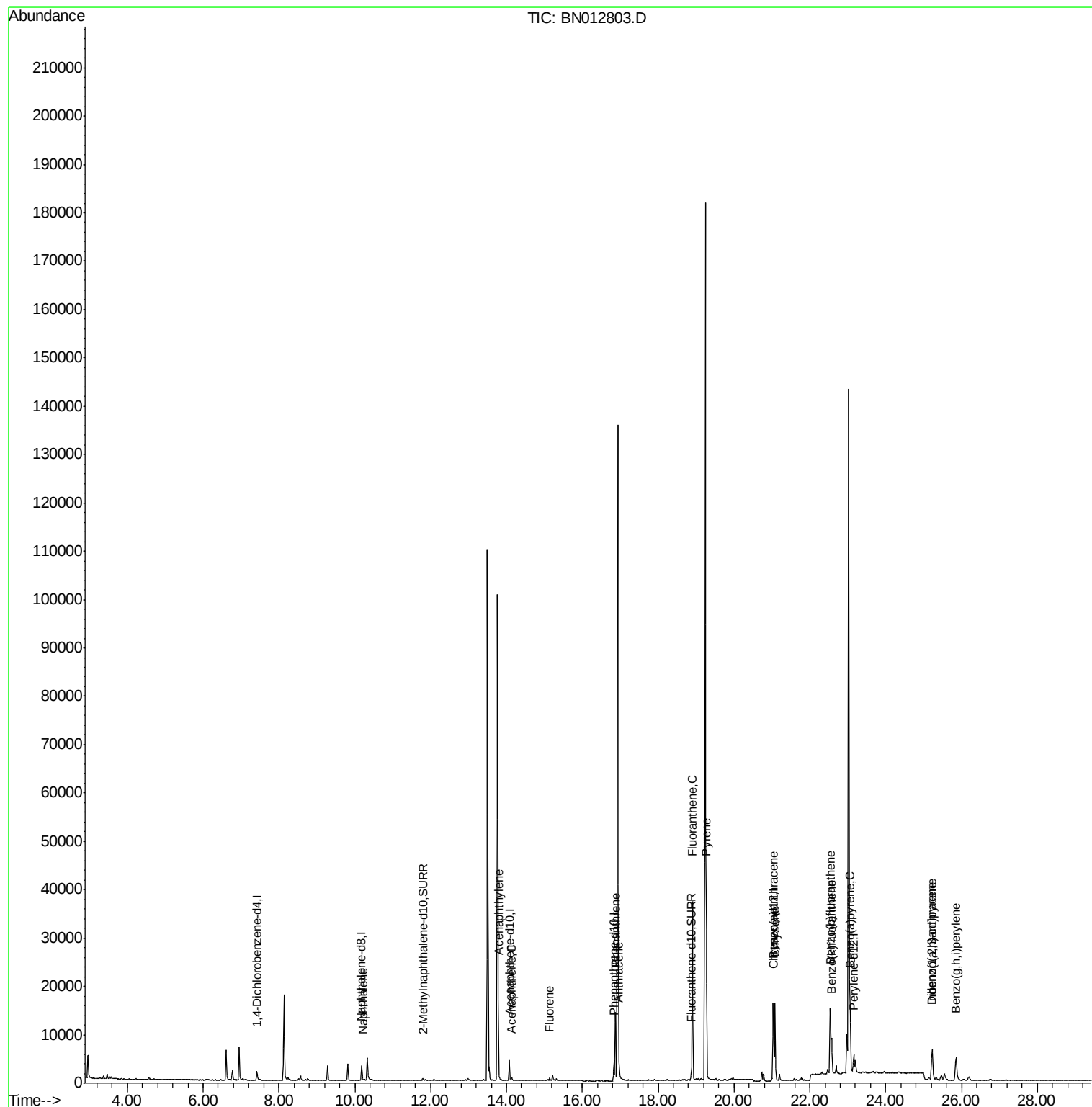
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012803.D
Acq On : 02 Dec 2020 04:29
Operator : CG/JU
Sample : L4793-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

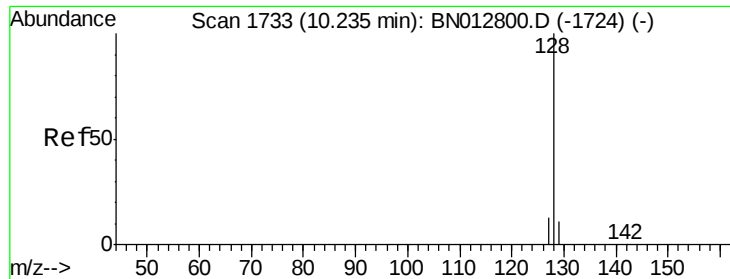
Instrument :
BNA_N
ClientSampleId :
C0B48

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM

Quant Time: Dec 02 05:20:34 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 : Wed Dec 02 05:08:42 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.23 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

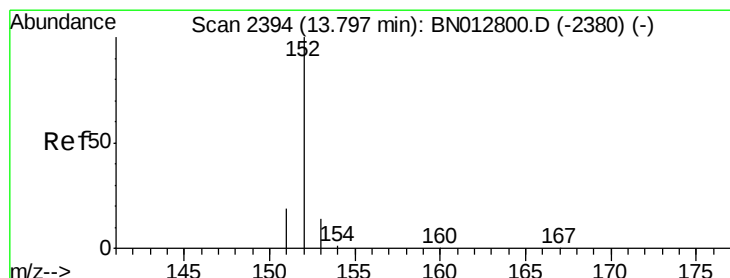
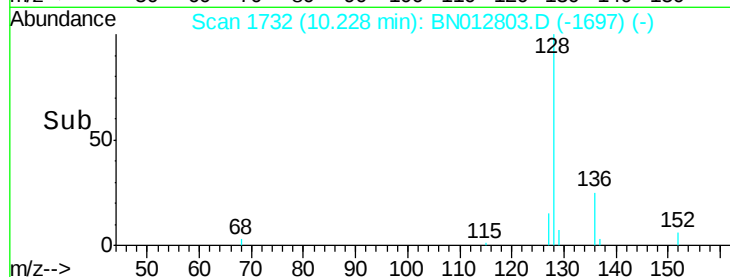
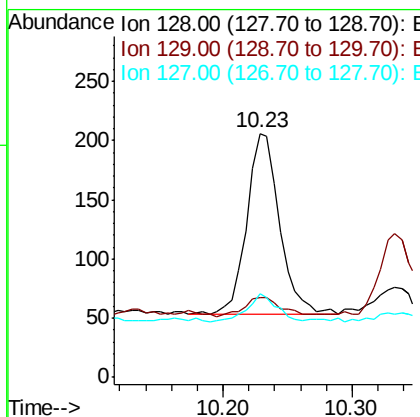
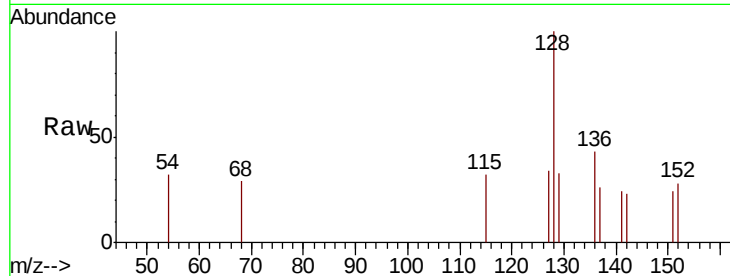
ClientSampled :

C0B48

Tot Ion:	128	Resp:	268
Ion Ratio	Lower	Upper	
128	100		
129	33.0	11.2	16.8#
127	34.5	12.5	18.7#

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#7

Acenaphthylene

Concen: 0.028 ng/ul

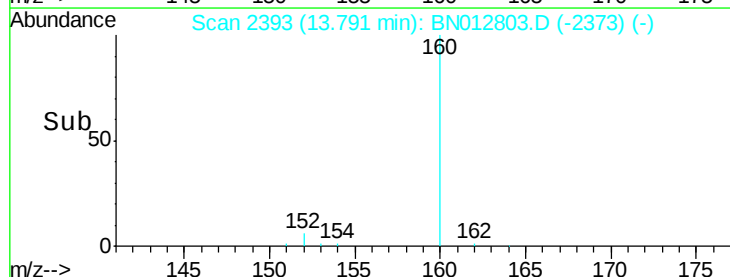
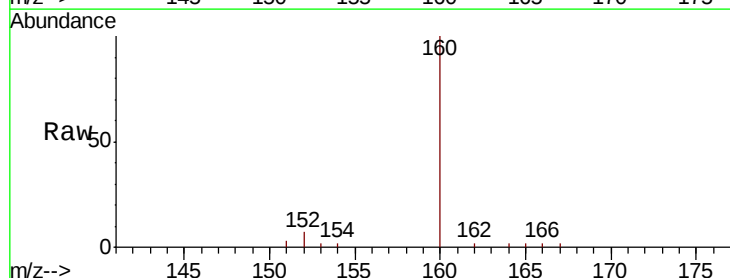
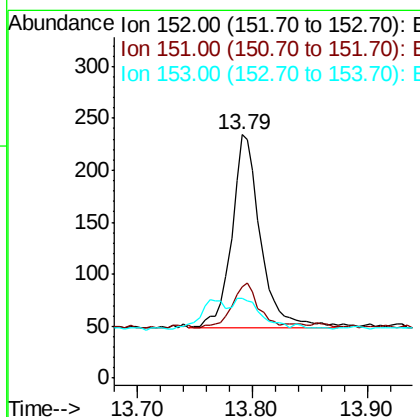
RT: 13.79 min Scan# 2393

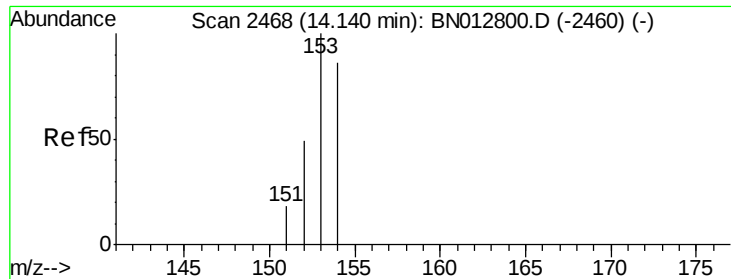
Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Tgt Ion:	152	Resp:	319
Ion Ratio	Lower	Upper	
152	100		
151	37.6	17.1	25.7#
153	32.9	12.6	19.0#





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.14 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

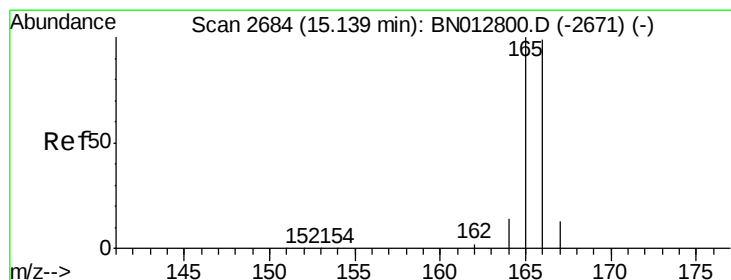
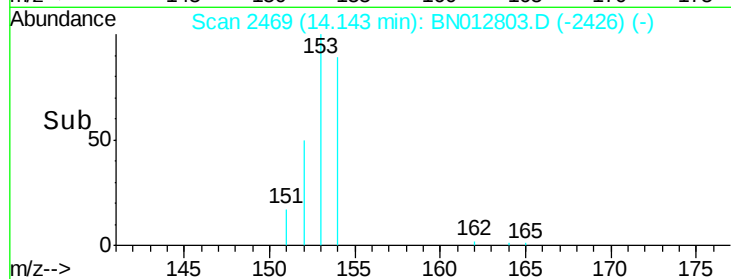
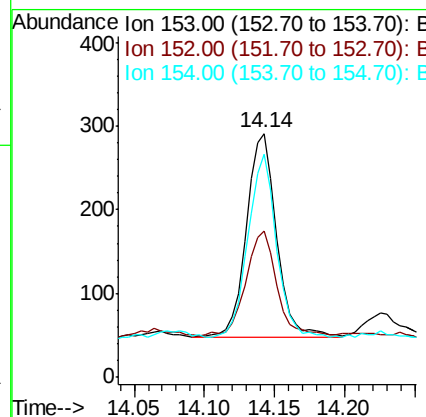
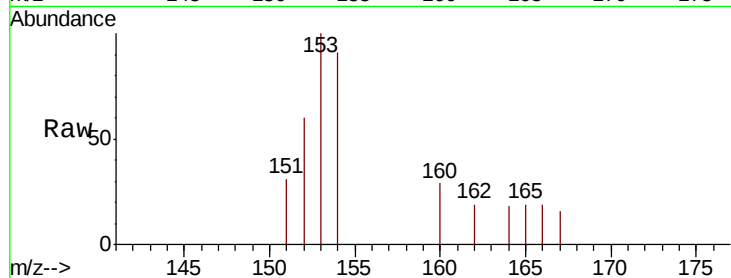
ClientSampleId :

C0B48

Tot Ion:	153	Resp:	366
Ion	Ratio	Lower	Upper
153	100		
152	59.8	41.4	62.0
154	91.4	70.9	106.3

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#9

Fluorene

Concen: 0.044 ng/ul

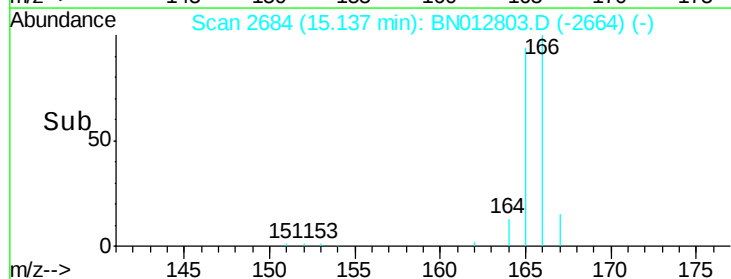
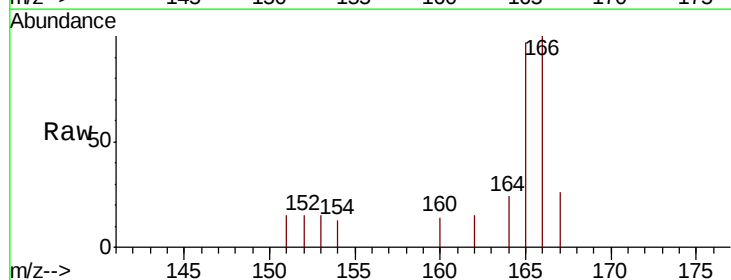
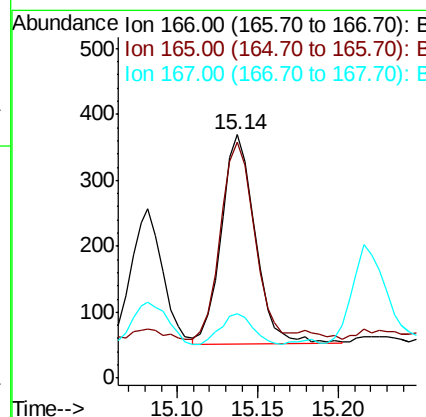
RT: 15.14 min Scan# 2684

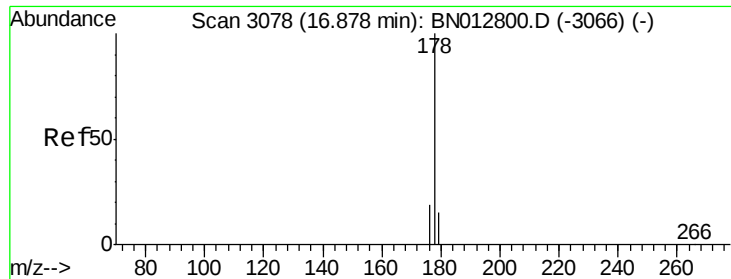
Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Tgt Ion:	166	Resp:	458
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.5	117.7
167	26.3	12.7	19.1#





#12

Phenanthrene

Concen: 0.855 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

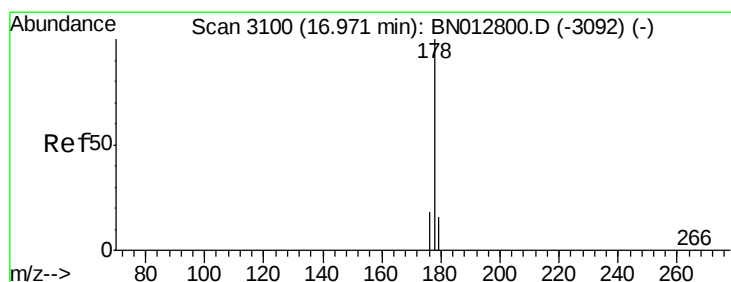
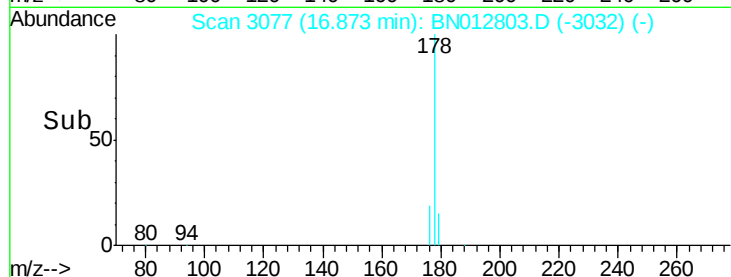
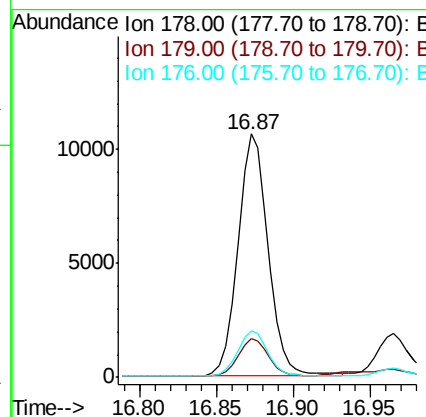
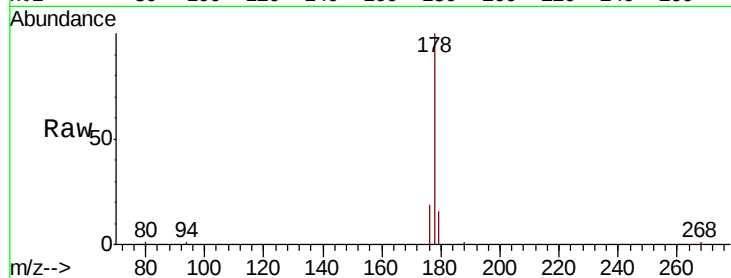
ClientSampleId :

C0B48

Tot Ion:178	Resp:	14655
Ion Ratio	Lower	Upper
178	100	
179	15.8	13.8 20.6
176	19.2	16.7 25.1

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#13

Anthracene

Concen: 0.175 ng/ul

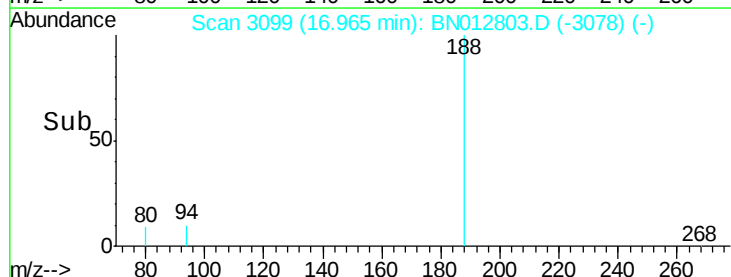
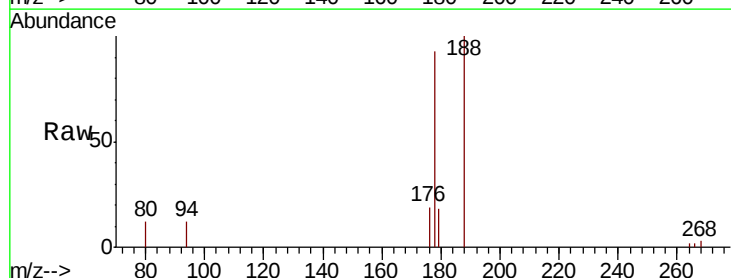
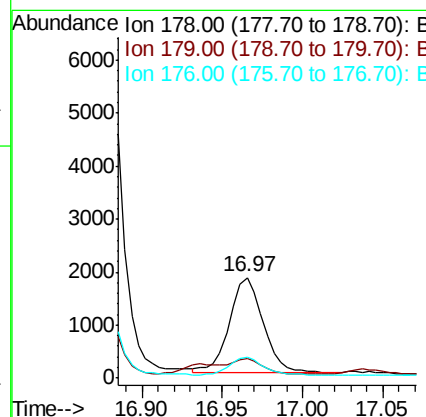
RT: 16.97 min Scan# 3099

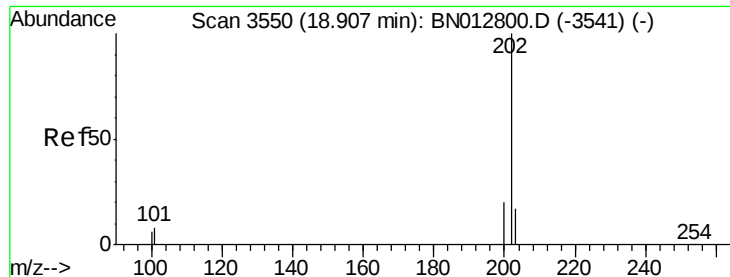
Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Tgt Ion:178	Resp:	2603
Ion Ratio	Lower	Upper
178	100	
179	19.4	14.8 22.2
176	20.7	16.3 24.5





#15

Fluoranthene

Concen: 1.628 ng/ul

RT: 18.90 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

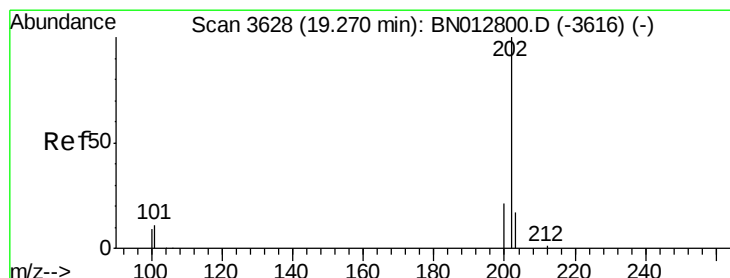
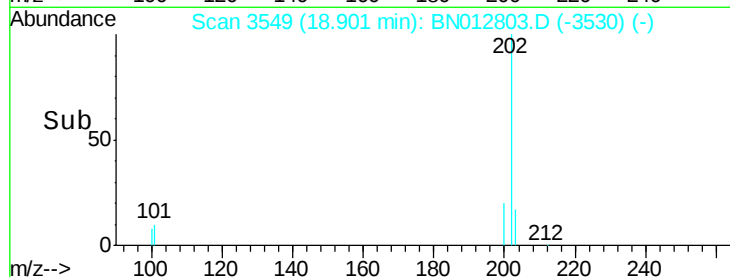
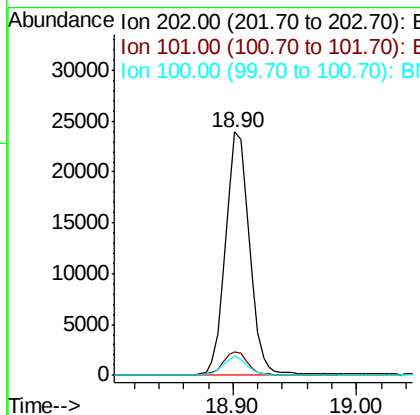
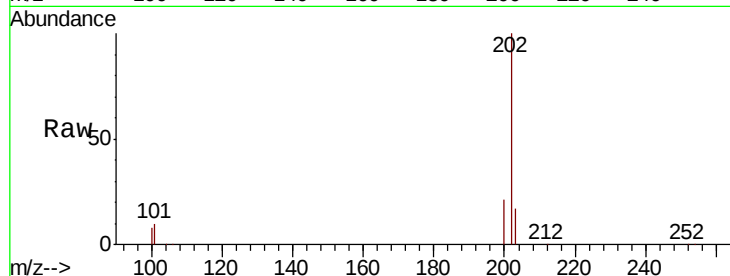
ClientSampleId :

C0B48

Tot Ion:	202	Resp:	32216
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.5
100	7.8	0.0	28.4

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#17

Pyrene

Concen: 1.548 ng/ul

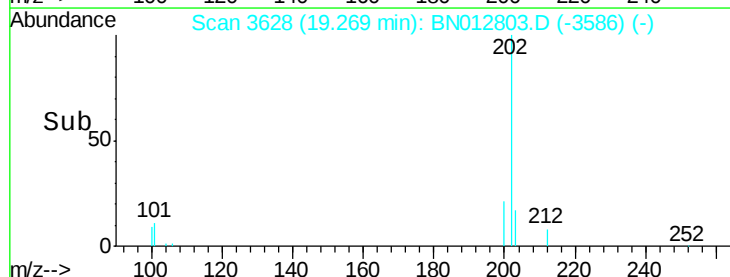
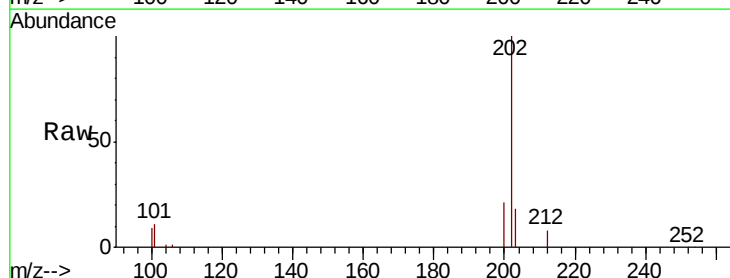
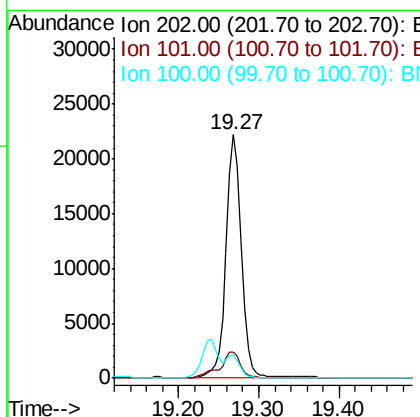
RT: 19.27 min Scan# 3628

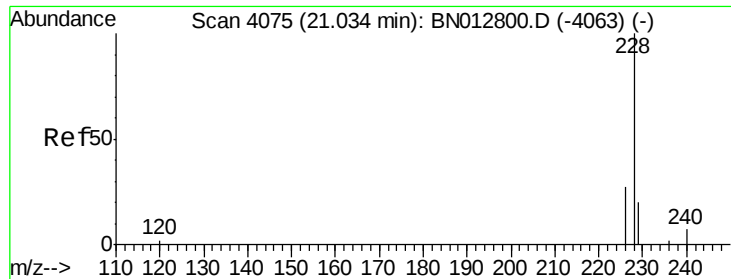
Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Tgt Ion:	202	Resp:	29368
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.9	13.3
100	9.4	7.4	11.2





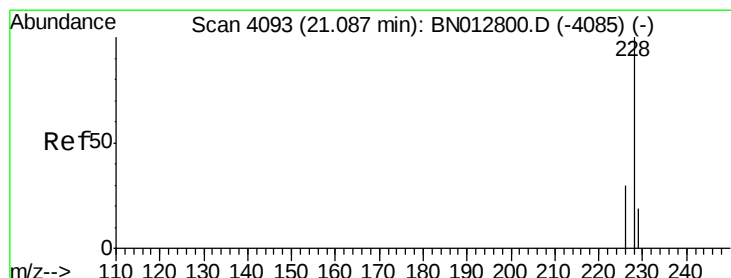
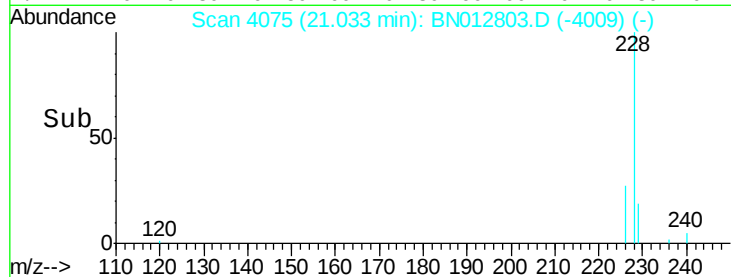
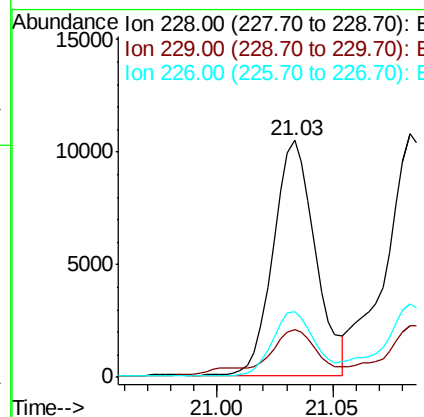
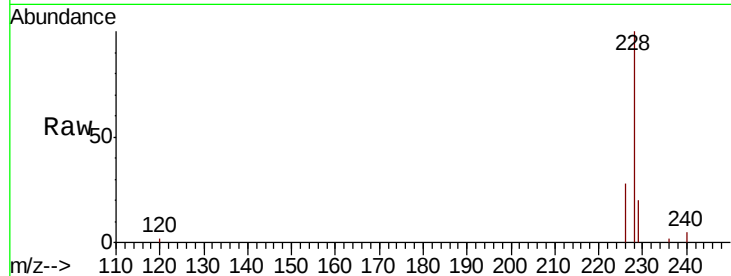
#18
Benzo(a)anthracene
Concen: 0.860 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Instrument :
BNA_N
ClientSampleId :
C0B48

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.9	25.3
226	28.0	23.1	34.7

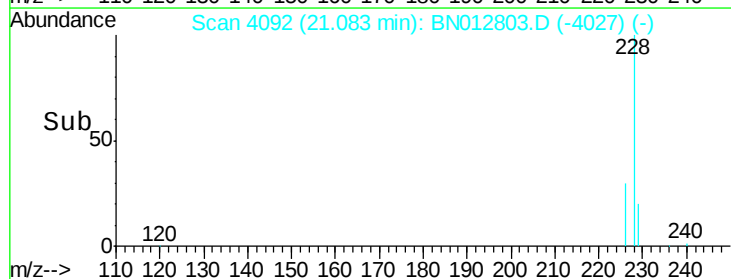
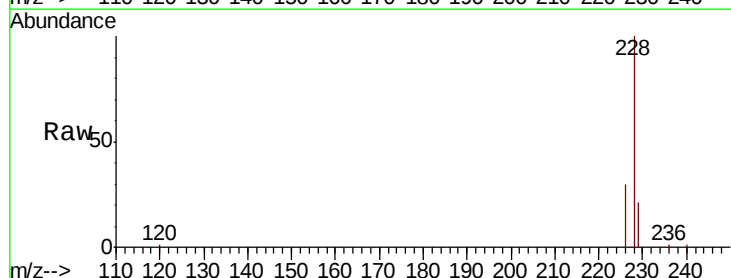
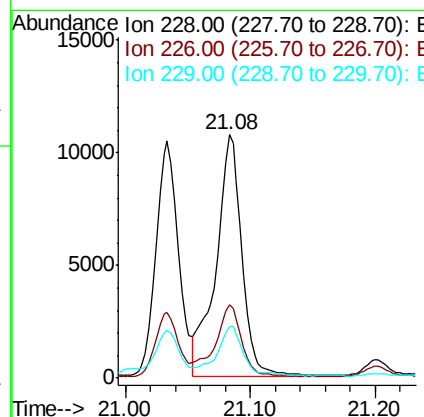
Manual Integrations
APPROVED

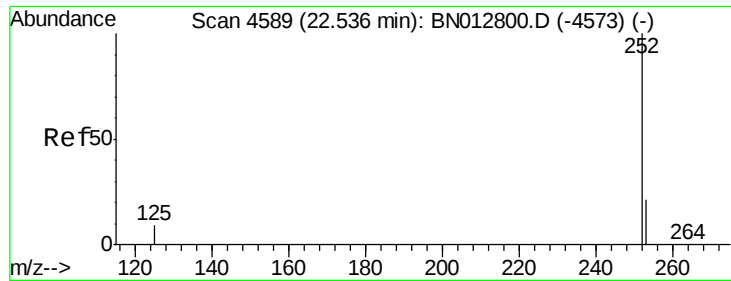
mohammad
12/2/2020 2:28:28 PM



#19
Chrysene
Concen: 0.814 ng/ul
RT: 21.08 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.0	16.1	24.1





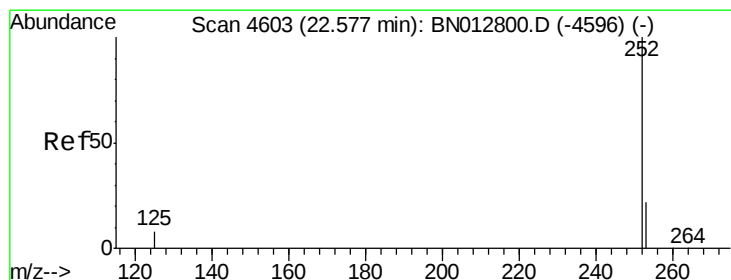
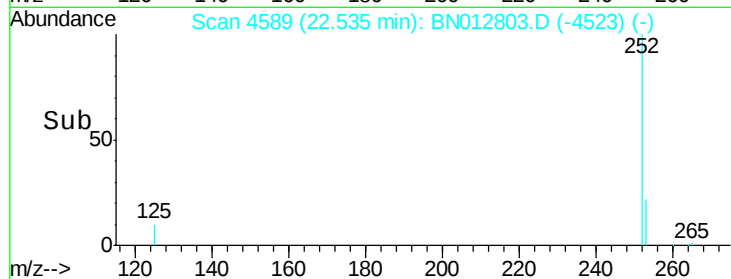
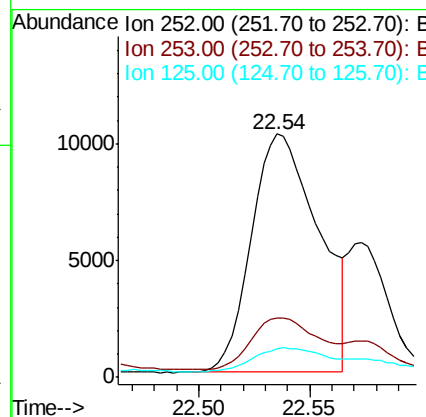
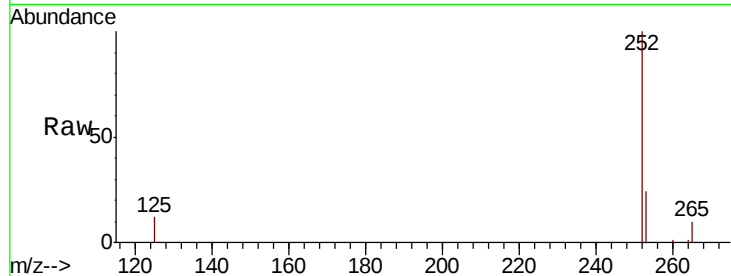
#21
Benzo(b)fluoranthene
Concen: 1.077 ng/ul m
RT: 22.54 min Scan# 4589
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Instrument :
BNA_N
ClientSampleId :
C0B48

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	58.4
125	11.6	0.0	28.6

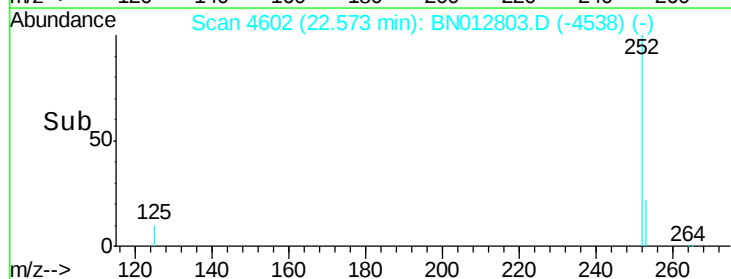
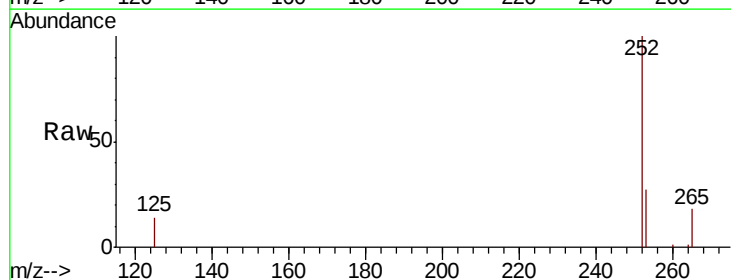
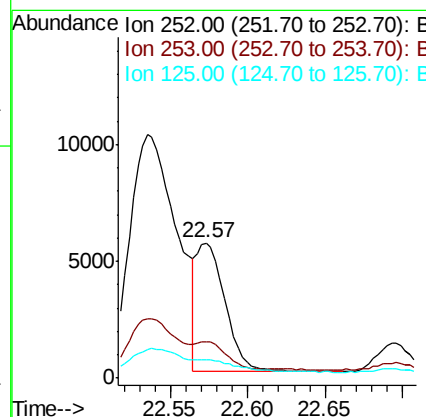
Manual Integrations
APPROVED

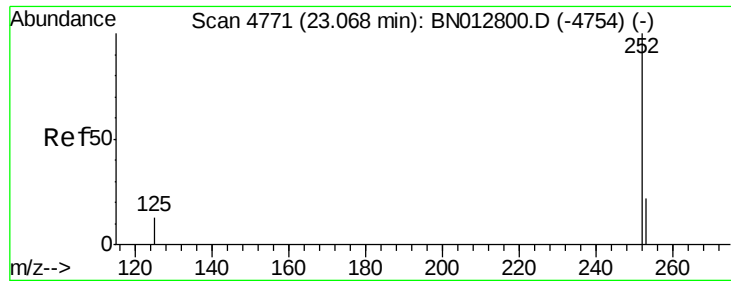
mohammad
12/2/2020 2:28:28 PM



#22
Benzo(k)fluoranthene
Concen: 0.307 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	23.4	35.2
125	13.8	10.2	15.2





#23

Benzo(a)pyrene

Concen: 0.712 ng/ul

RT: 23.06 min Scan# 4770

Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Instrument :

BNA_N

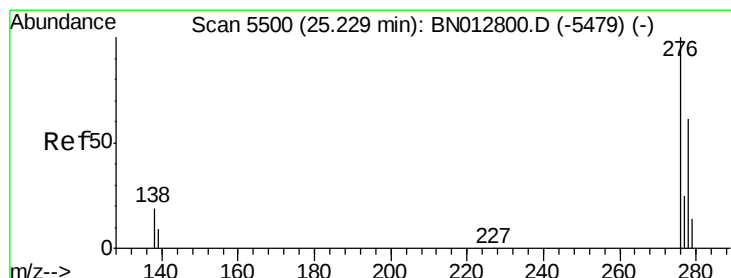
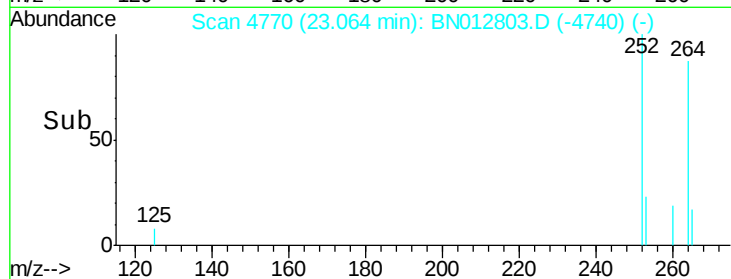
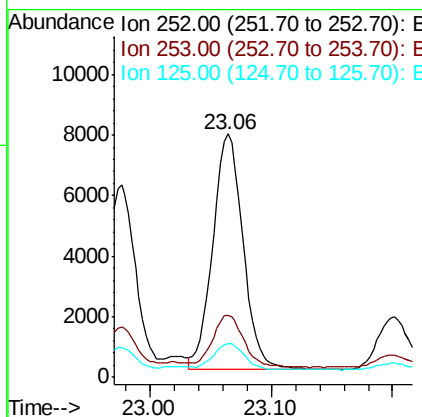
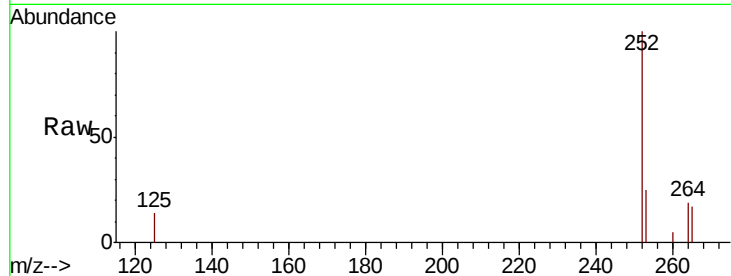
ClientSampleId :

C0B48

Tot Ion:	252	Resp:	13428
Ion Ratio	Lower	Upper	
252	100		
253	25.5	27.6	41.4#
125	14.0	17.0	25.4#

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.398 ng/ul

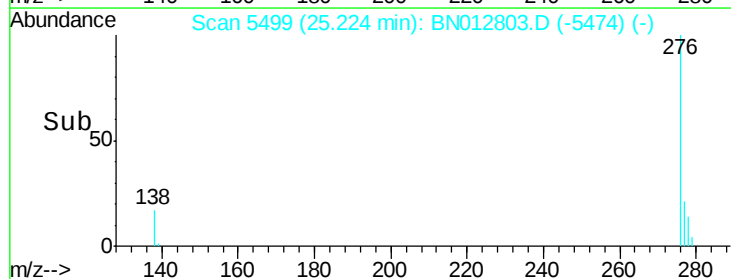
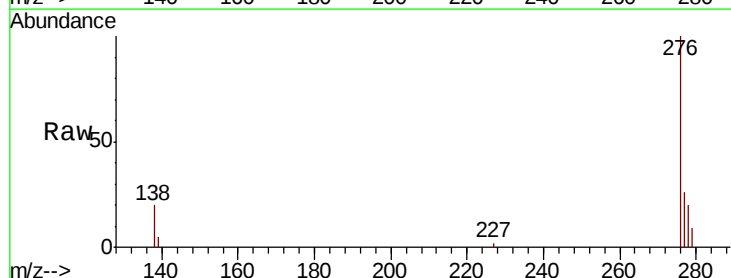
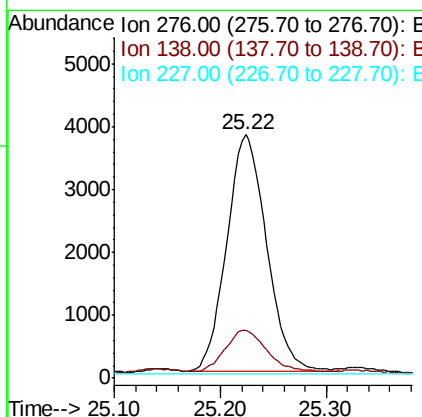
RT: 25.22 min Scan# 5499

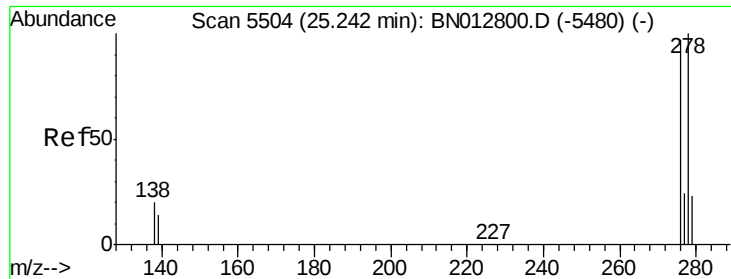
Delta R.T. -0.01 min

Lab File: BN012803.D

Acq: 02 Dec 2020 04:29

Tgt Ion:	276	Resp:	9815
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.5	24.7#
227	0.1	0.1	0.1





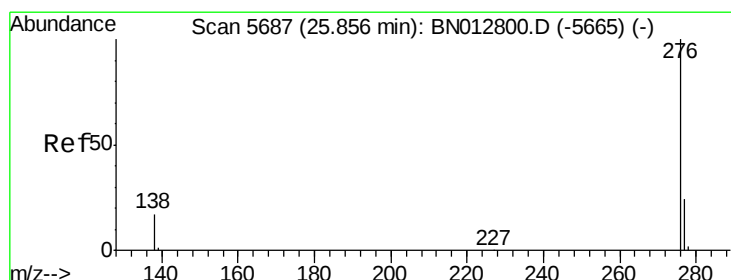
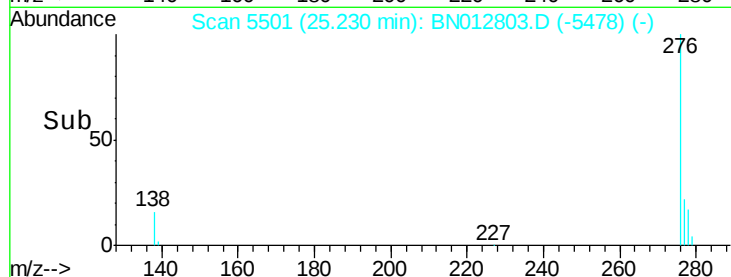
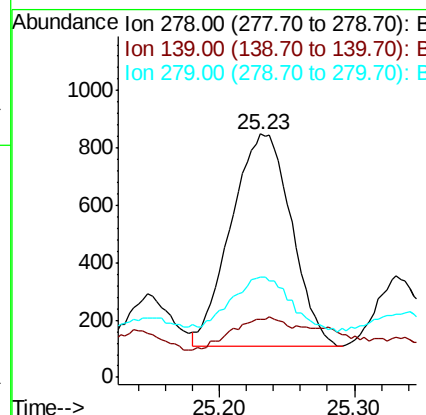
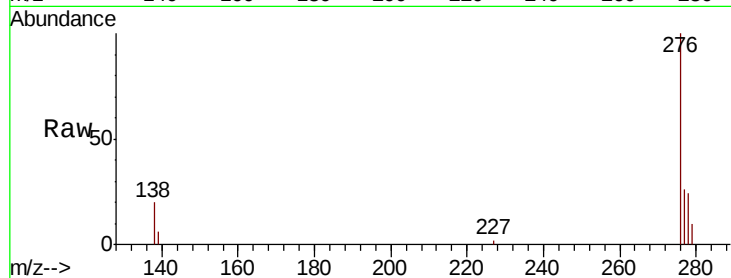
#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.02 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Instrument :
BNA_N
ClientSampleId :
C0B48

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.0	13.8	20.8#
279	41.3	25.6	38.4#

Manual Integrations
APPROVED

mohammad
12/2/2020 2:28:28 PM



#26
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 25.86 min Scan# 5688
Delta R.T. -0.01 min
Lab File: BN012803.D
Acq: 02 Dec 2020 04:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.3	24.5
277	25.7	21.8	32.8

