

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013504.D
 Acq On : 27 Jan 2021 12:59
 Operator : CG/JU
 Sample : M1099-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C09

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:03 AM

Quant Time: Jan 27 13:37:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 11:55:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19269	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11621	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	24365m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	23015	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	22358	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10328	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	24226	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	14964	0.268	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	3970	0.112	ng/ul	99
7) Acenaphthylene	13.92	152	46887	0.979	ng/ul	100
8) Acenaphthene	14.26	153	20466	0.480	ng/ul	99
9) Fluorene	15.26	166	14922	0.317	ng/ul	98
11) Pentachlorophenol	16.60	266	139	0.039	ng/ul	97
12) Phenanthrene	16.99	178	78300	0.982	ng/ul	99
13) Anthracene	17.08	178	14401	0.220	ng/ul	97
15) Fluoranthene	19.01	202	70854	0.813	ng/ul	98
17) Pyrene	19.38	202	151450	1.608	ng/ul	99
18) Benzo(a)anthracene	21.14	228	6494	0.085	ng/ul#	1
19) Chrysene	21.19	228	7130	0.075	ng/ul#	79
21) Benzo(b)fluoranthene	22.68	252	7174m	0.076	ng/ul	
23) Benzo(a)pyrene	23.23	252	9552	0.120	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.47	276	8326	0.079	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	25806	0.276	ng/ul	98

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

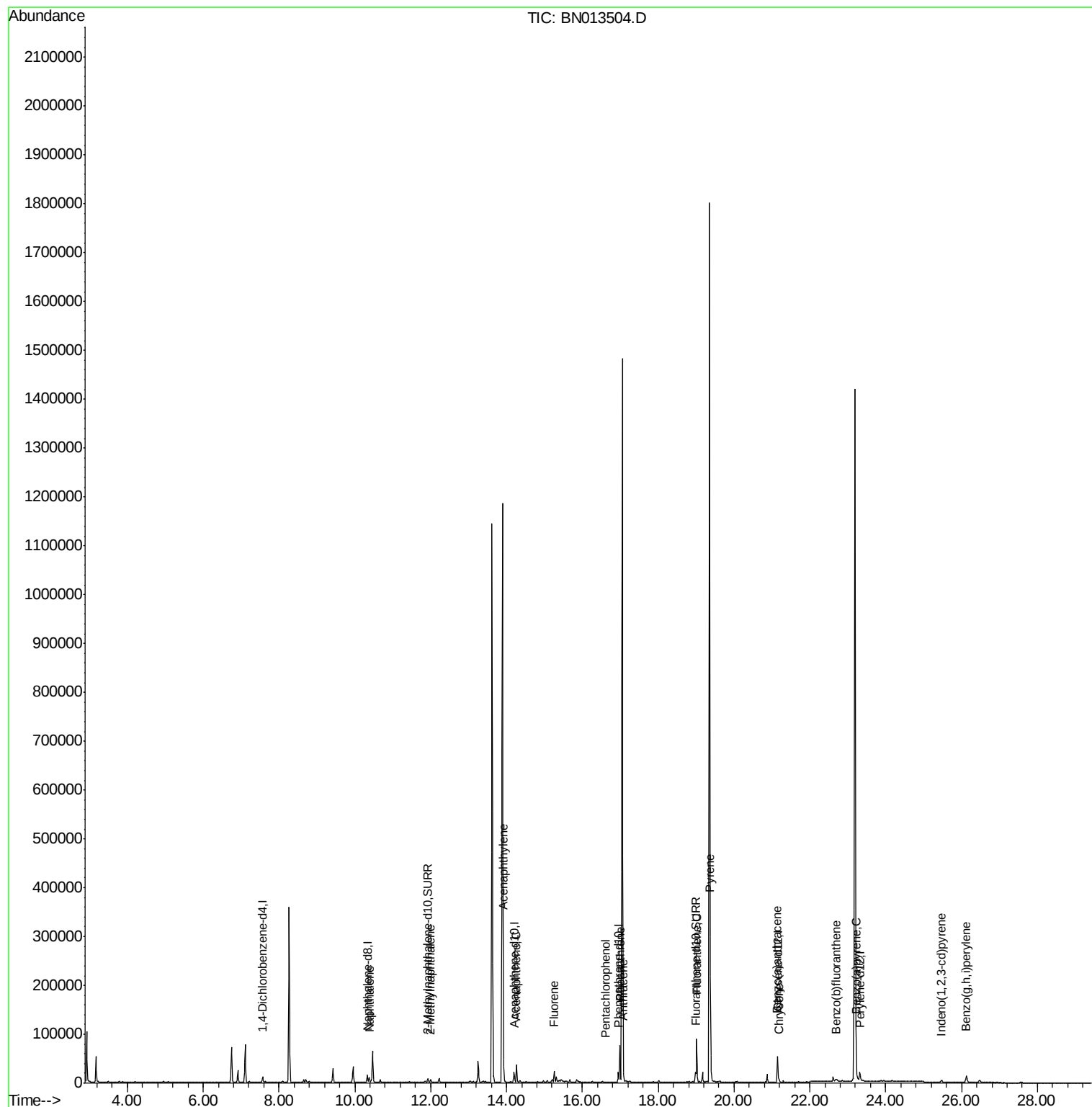
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013504.D
Acq On : 27 Jan 2021 12:59
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

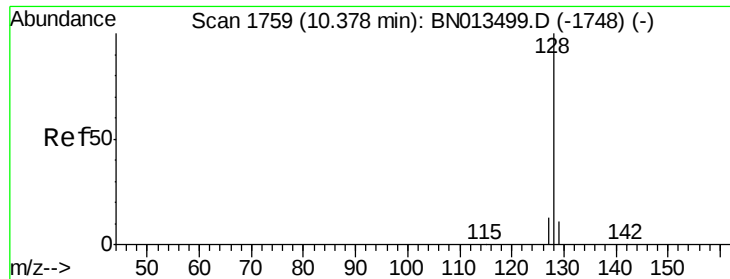
Instrument :
BNA_N
ClientSampleId :
F1C09

Quant Time: Jan 27 13:37:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 11:55:49 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
1/28/2021 11:44:03 AM





#3

Naphthalene

Concen: 0.268 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Instrument :

BNA_N

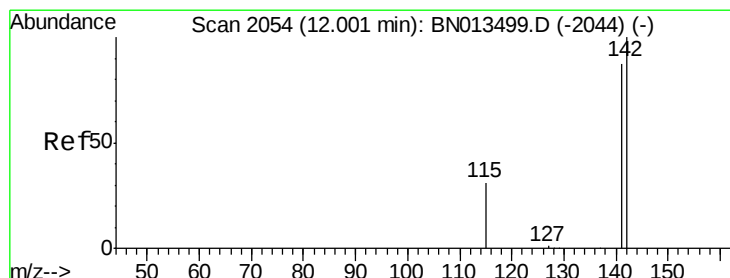
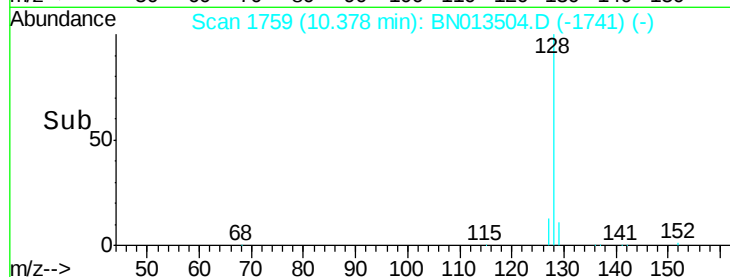
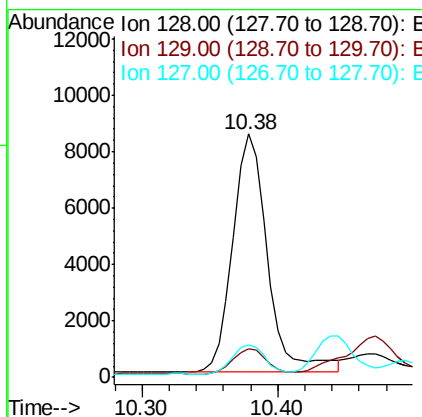
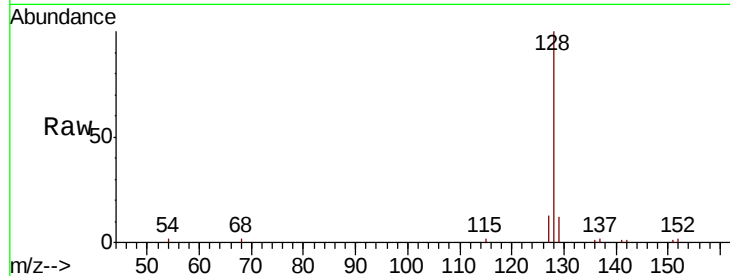
ClientSampleId :

F1C09

Tot Ion:	128	Resp:	14964
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	13.4	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/28/2021 11:44:03 AM



#5

2-Methylnaphthalene

Concen: 0.112 ng/ul

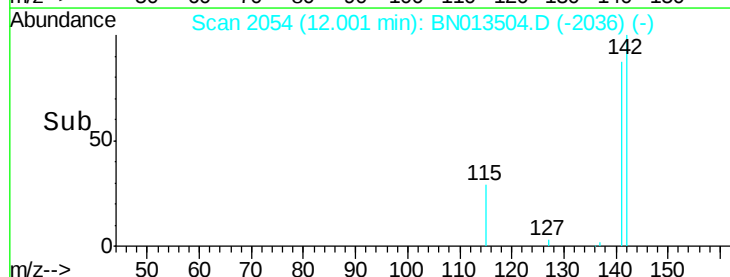
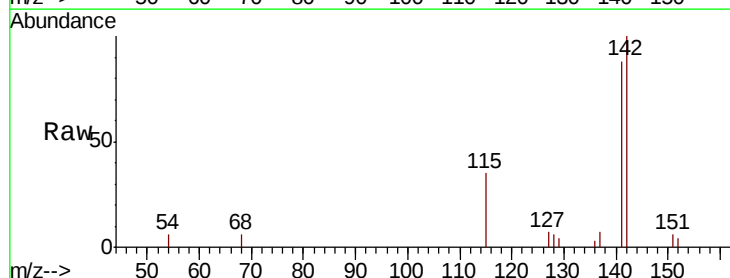
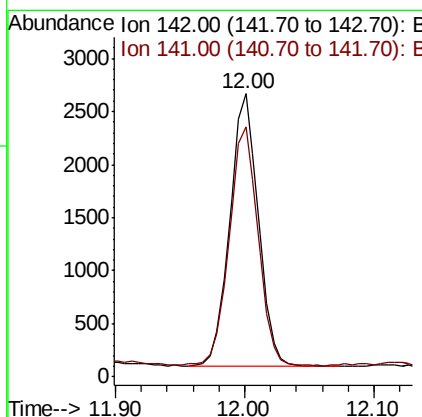
RT: 12.00 min Scan# 2054

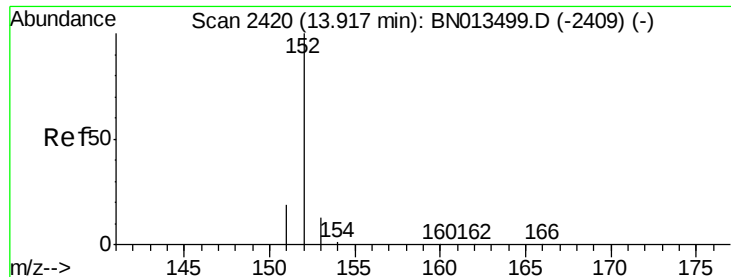
Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Tgt Ion:	142	Resp:	3970
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.6	106.0





#7

Acenaphthylene

Concen: 0.979 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Instrument :

BNA_N

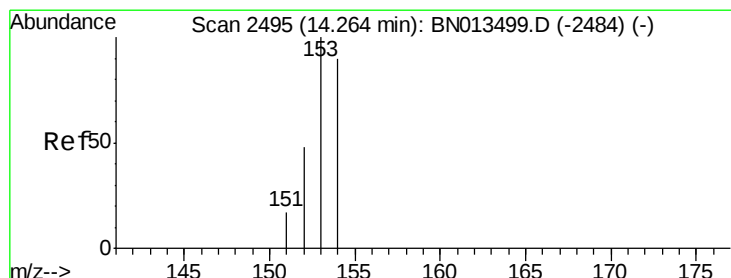
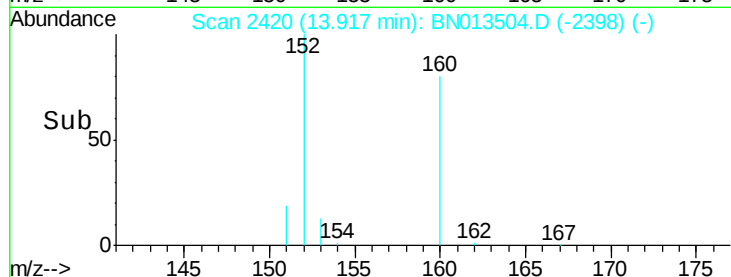
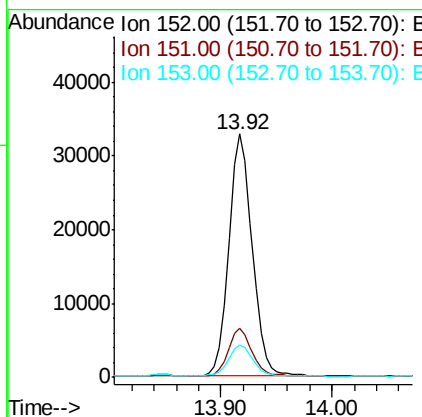
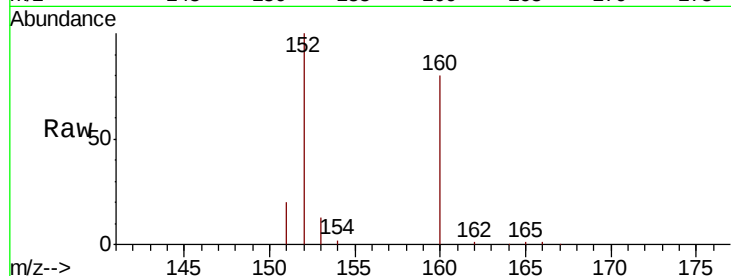
ClientSampleId :

F1C09

Tot Ion:	152	Resp:	46887
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	13.4	10.7	16.1

Manual Integrations
APPROVED

mohammad
1/28/2021 11:44:03 AM



#8

Acenaphthene

Concen: 0.480 ng/ul

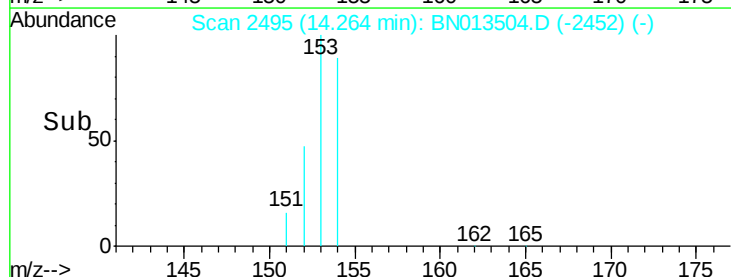
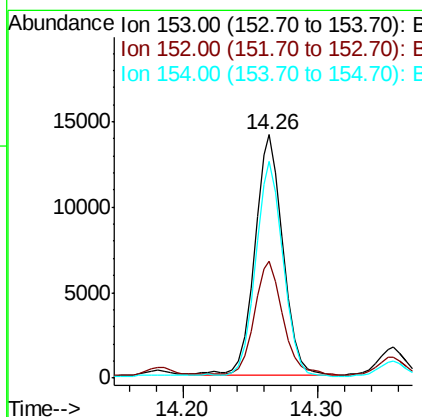
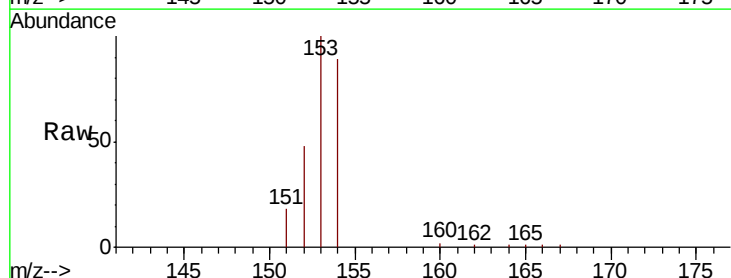
RT: 14.26 min Scan# 2495

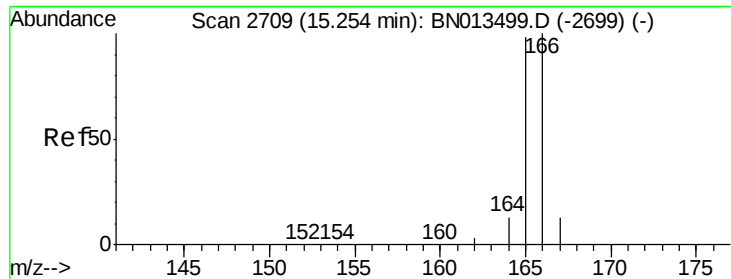
Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Tgt Ion:	153	Resp:	20466
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.5	59.3
154	89.1	70.6	105.8





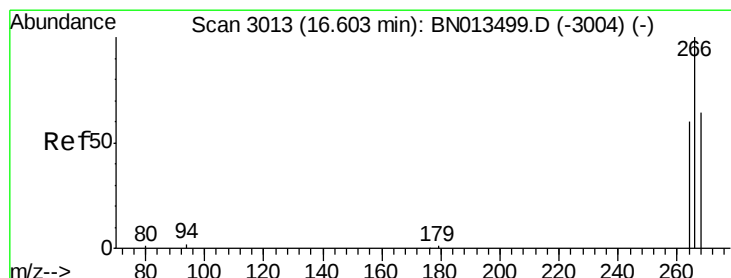
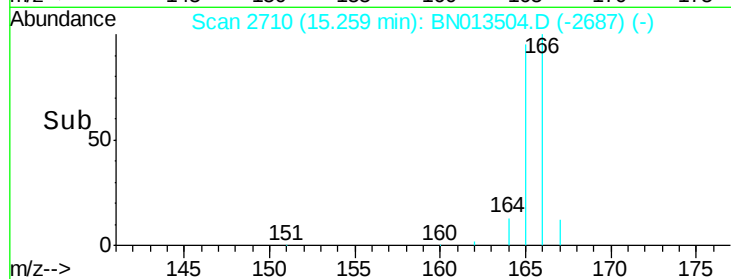
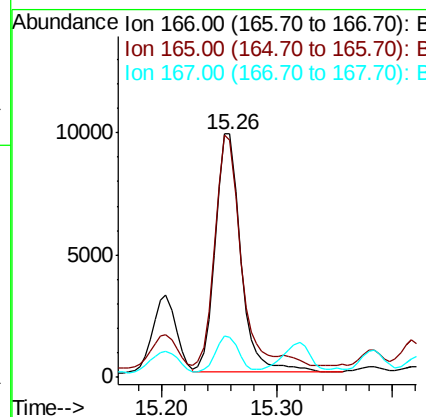
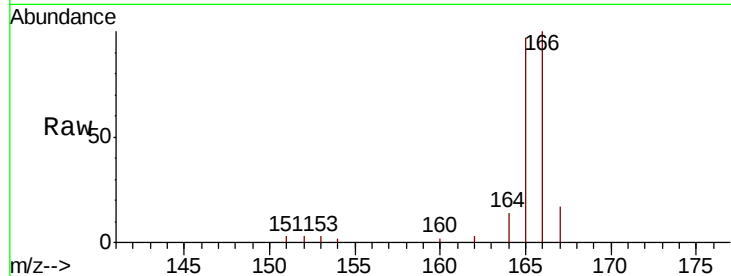
#9
Fluorene
 Concen: 0.317 ng/ul
 RT: 15.26 min Scan# 2710
 Delta R.T. 0.00 min
 Lab File: BN013504.D
 Acq: 27 Jan 2021 12:59

Instrument :
 BNA_N
 ClientSampleId :
 F1C09

Tot Ion:166 Resp: 14922
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.7 118.1
 167 16.7 11.3 16.9

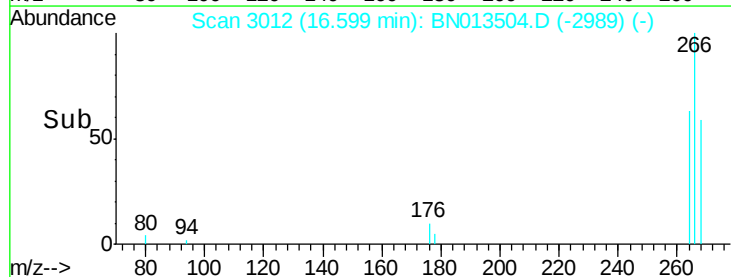
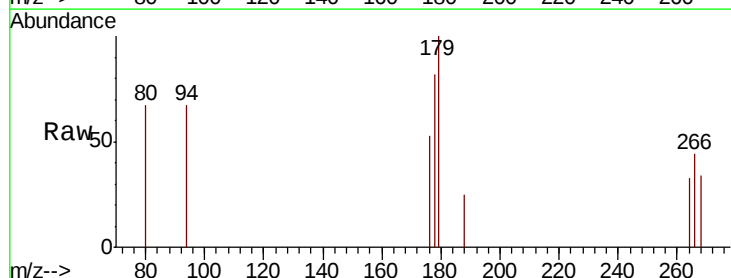
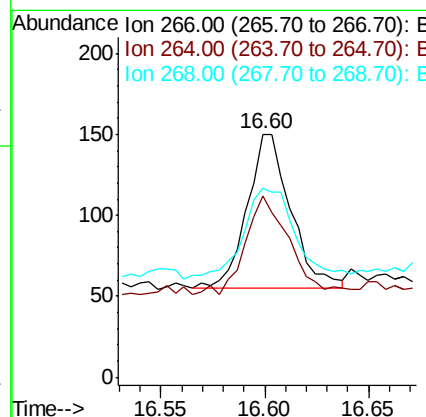
Manual Integrations
 APPROVED

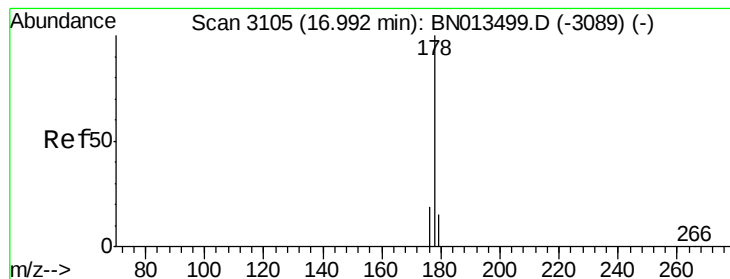
mohammad
 1/28/2021 11:44:03 AM



#11
Pentachlorophenol
 Concen: 0.039 ng/ul
 RT: 16.60 min Scan# 3012
 Delta R.T. -0.00 min
 Lab File: BN013504.D
 Acq: 27 Jan 2021 12:59

Tgt Ion:266 Resp: 139
 Ion Ratio Lower Upper
 266 100
 264 65.5 49.8 74.6
 268 64.0 52.2 78.4





#12

Phenanthrene

Concen: 0.982 ng/ul

RT: 16.99 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Instrument :

BNA_N

ClientSampleId :

F1C09

Tot Ion:178 Resp: 78300

Ion Ratio Lower Upper

178 100

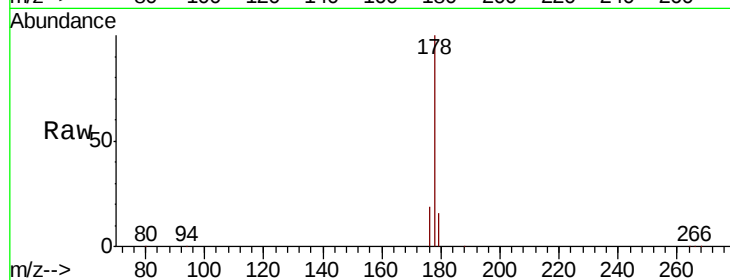
179 15.7 12.5 18.7

176 18.7 15.6 23.4

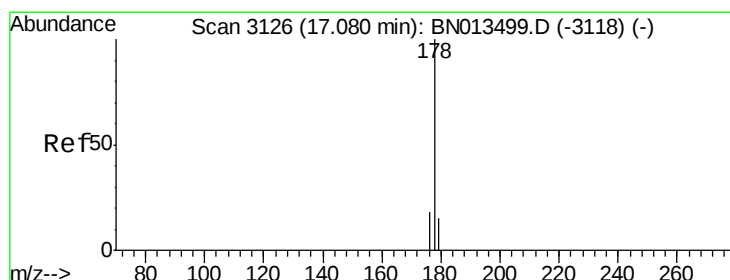
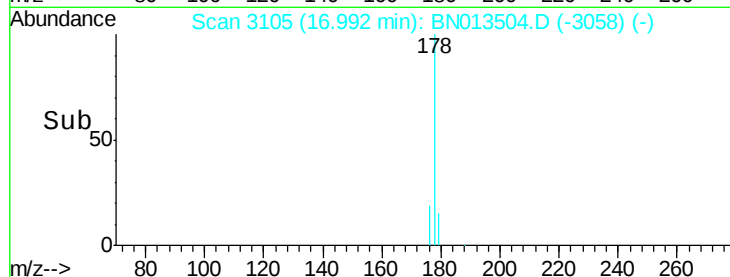
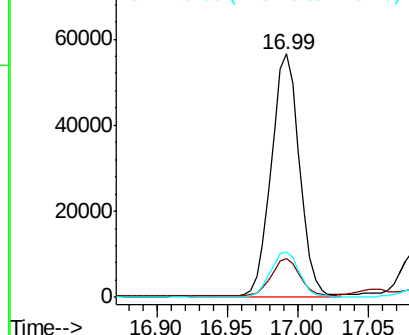
Manual Integrations
APPROVED

mohammad

1/28/2021 11:44:03 AM



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



#13

Anthracene

Concen: 0.220 ng/ul

RT: 17.08 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

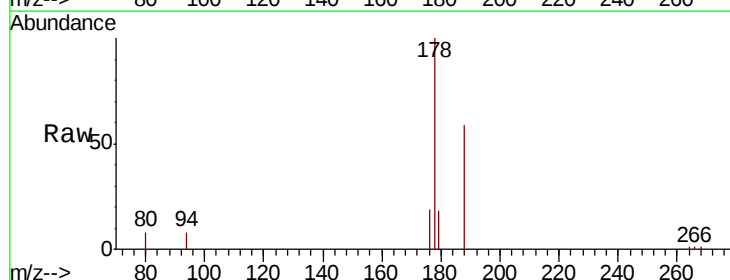
Tgt Ion:178 Resp: 14401

Ion Ratio Lower Upper

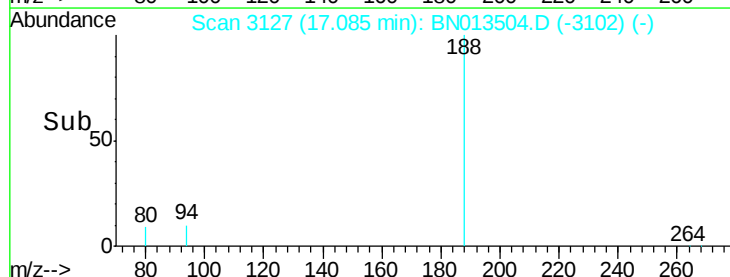
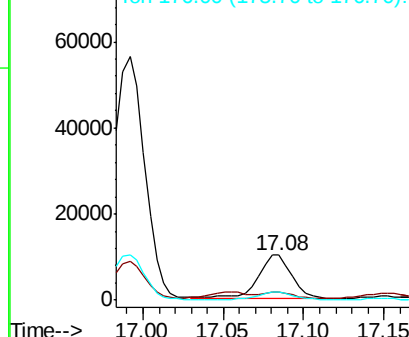
178 100

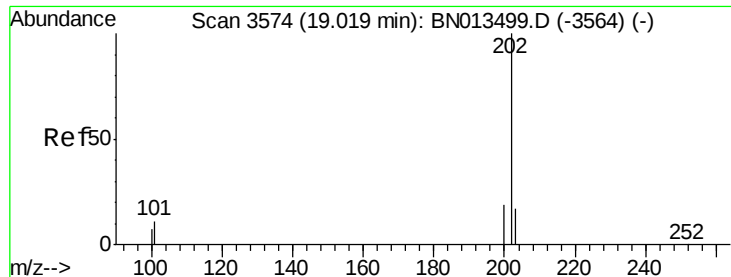
179 18.2 12.6 19.0

176 19.0 15.0 22.4



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





#15

Fluoranthene

Concen: 0.813 ng/ul

RT: 19.01 min Scan# 3573

Delta R.T. -0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Instrument :

BNA_N

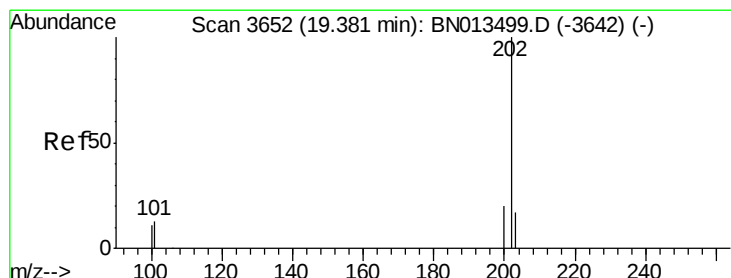
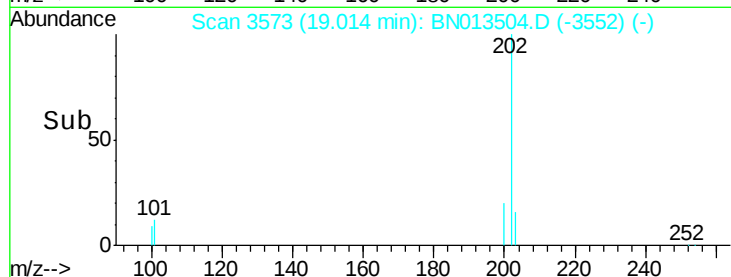
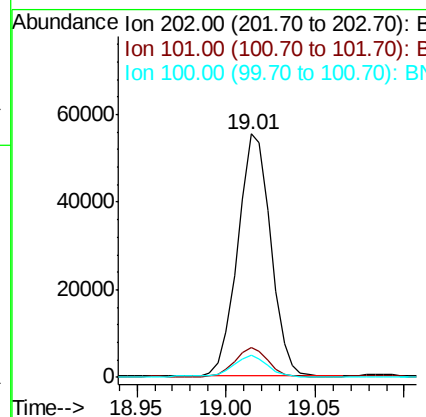
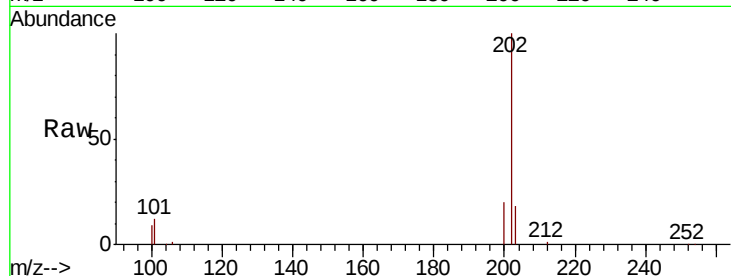
ClientSampleId :

F1C09

Tot Ion:	202	Resp:	70854
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.6
100	9.1	0.0	28.5

Manual Integrations
APPROVED

mohammad
1/28/2021 11:44:03 AM



#17

Pyrene

Concen: 1.608 ng/ul

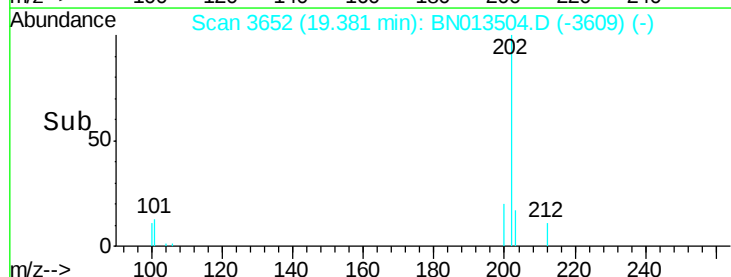
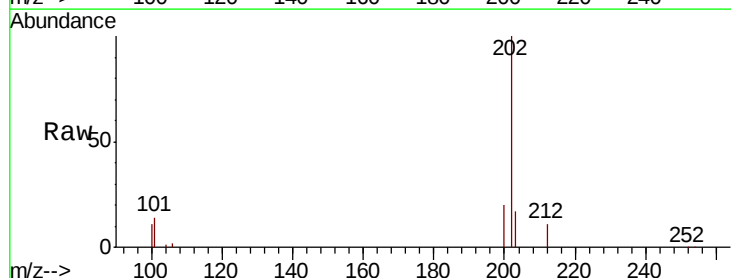
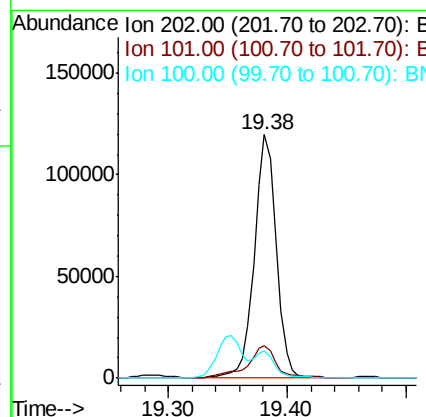
RT: 19.38 min Scan# 3652

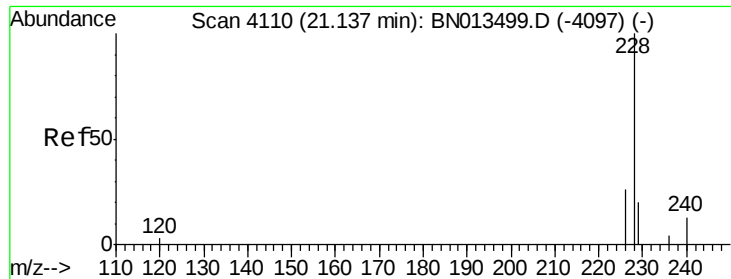
Delta R.T. 0.00 min

Lab File: BN013504.D

Acq: 27 Jan 2021 12:59

Tgt Ion:	202	Resp:	151450
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.2	16.8
100	11.0	9.0	13.4





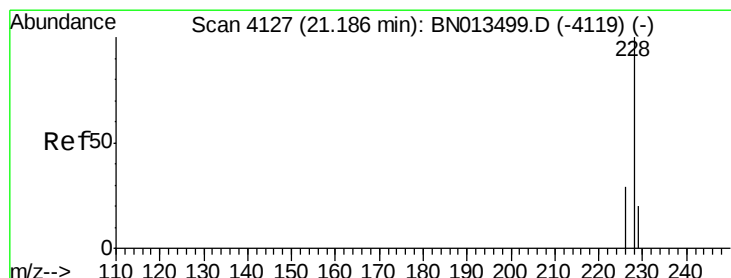
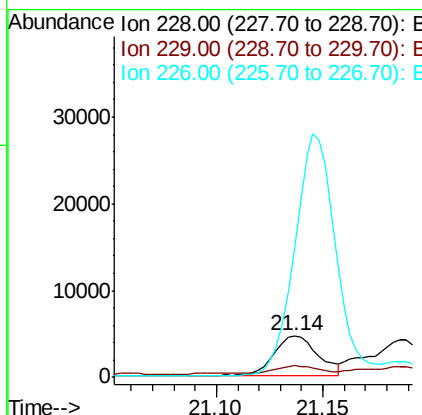
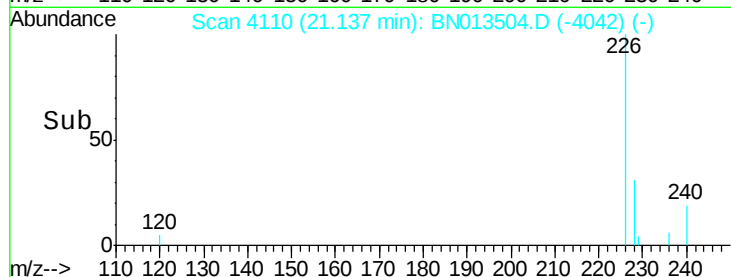
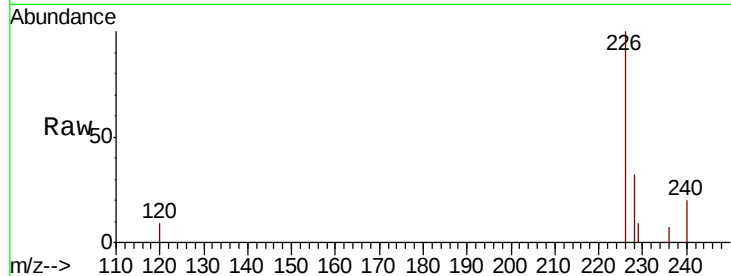
#18
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. 0.00 min
Lab File: BN013504.D
Acq: 27 Jan 2021 12:59

Instrument :
BNA_N
ClientSampleId :
F1C09

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.8	15.6	23.4#
226	311.3	21.9	32.9#

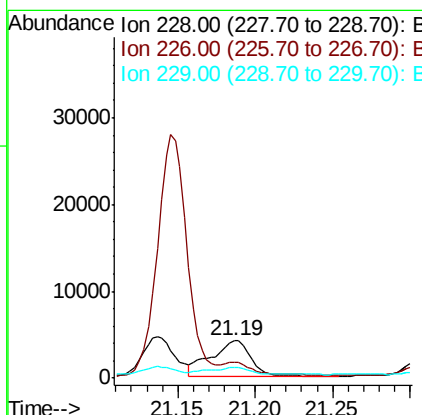
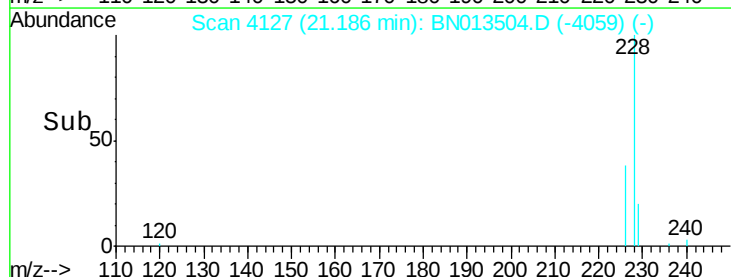
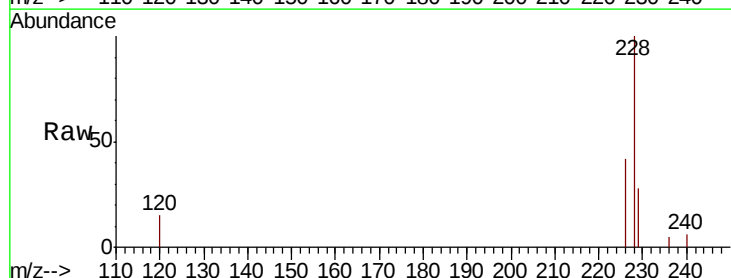
Manual Integrations
APPROVED

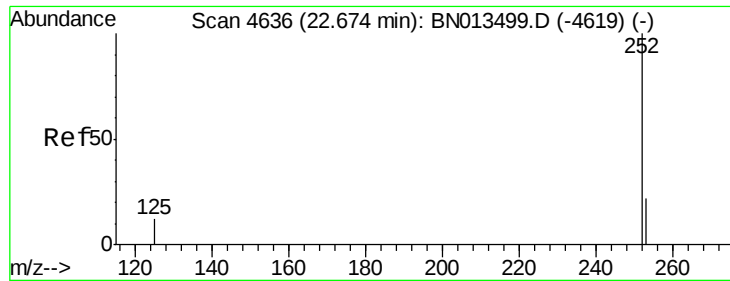
mohammad
1/28/2021 11:44:03 AM



#19
Chrysene
Concen: 0.075 ng/ul
RT: 21.19 min Scan# 4127
Delta R.T. 0.00 min
Lab File: BN013504.D
Acq: 27 Jan 2021 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.0	24.0	36.0#
229	28.3	15.8	23.8#





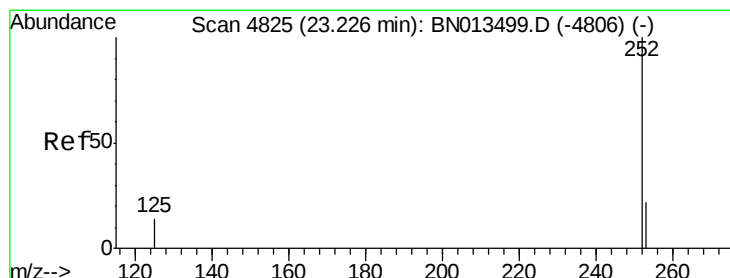
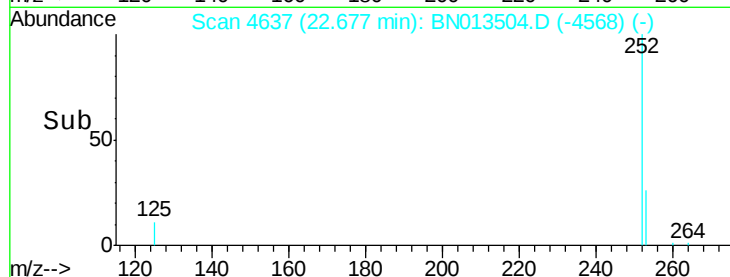
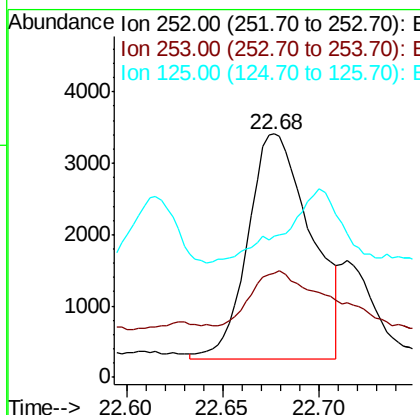
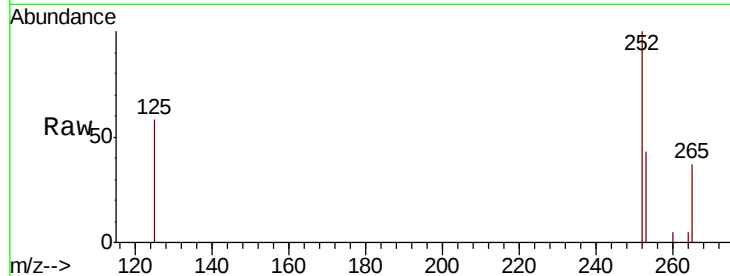
#21
Benzo(b)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.68 min Scan# 4637
Delta R.T. 0.00 min
Lab File: BN013504.D
Acq: 27 Jan 2021 12:59

Instrument :
BNA_N
ClientSampleId :
F1C09

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.0	0.0	47.4
125	58.1	0.0	26.8

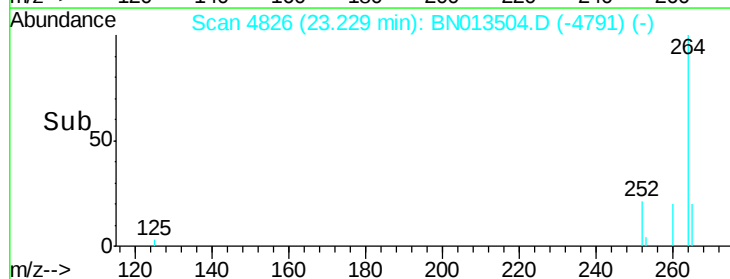
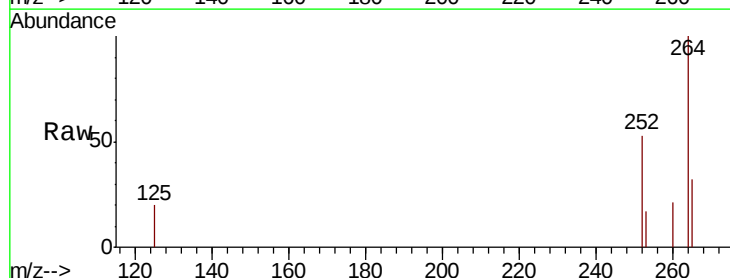
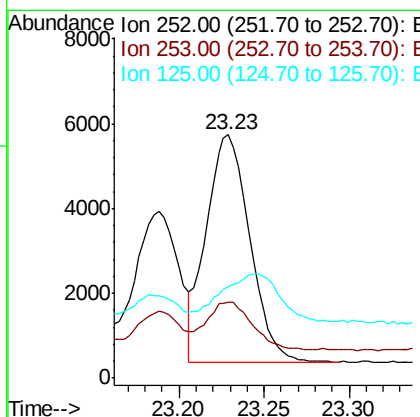
Manual Integrations
APPROVED

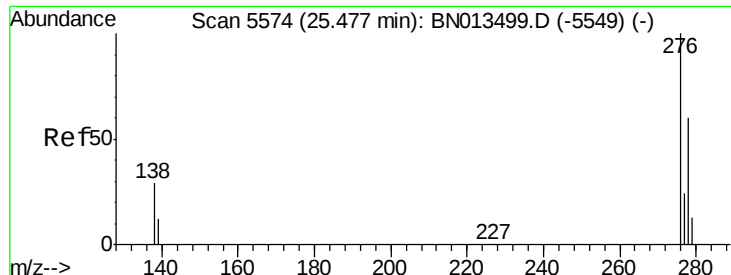
mohammad
1/28/2021 11:44:03 AM



#23
Benzo(a)pyrene
Concen: 0.120 ng/ul
RT: 23.23 min Scan# 4826
Delta R.T. 0.00 min
Lab File: BN013504.D
Acq: 27 Jan 2021 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	20.1	30.1
125	37.3	13.1	19.7





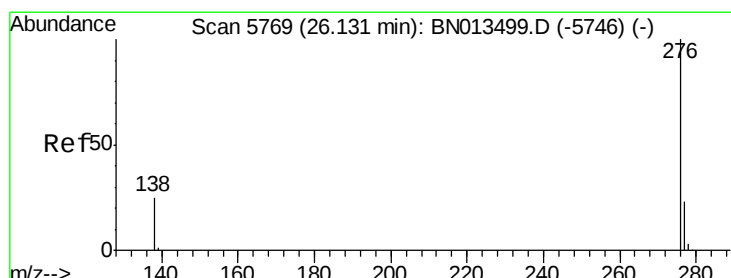
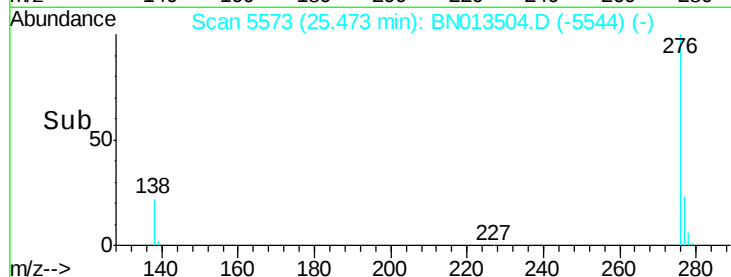
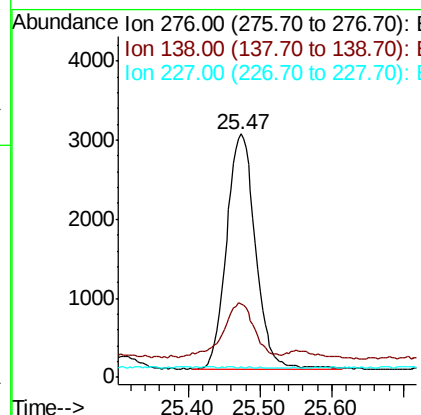
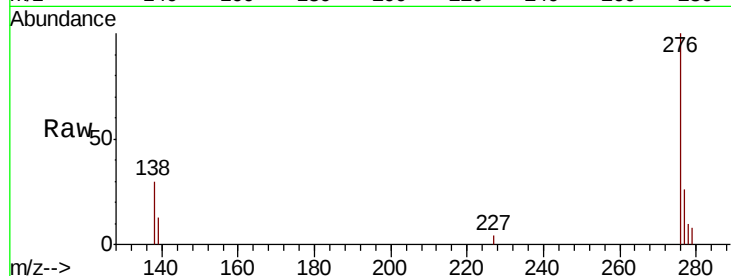
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.079 ng/ul
 RT: 25.47 min Scan# 5573
 Delta R.T. -0.00 min
 Lab File: BN013504.D
 Acq: 27 Jan 2021 12:59

Instrument :
 BNA_N
 ClientSampleId :
 F1C09

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
227	0.0	0.0	0.0#

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:03 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.276 ng/ul
 RT: 26.13 min Scan# 5769
 Delta R.T. 0.00 min
 Lab File: BN013504.D
 Acq: 27 Jan 2021 12:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.0	31.4
277	24.0	19.5	29.3

