

Data File : BN012240.D
Acq On : 15 Oct 2020 20:25
Operator : CG/JU
Sample : L4235-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN6

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM

Quant Time: Oct 16 02:02:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1673	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9498	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7858	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	8417	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1746	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4221	0.16	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	4833	0.241	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	875	0.069	ng/ul	86
7) Acenaphthylene	13.98	152	532	0.029	ng/ul#	35
8) Acenaphthene	14.32	153	619	0.039	ng/ul	92
9) Fluorene	15.31	166	1141	0.065	ng/ul#	80
11) Pentachlorophenol	16.66	266	128	0.047	ng/ul#	90
12) Phenanthrene	17.05	178	8891	0.294	ng/ul#	82
13) Anthracene	17.14	178	987	0.038	ng/ul#	35
15) Fluoranthene	19.07	202	17592	0.497	ng/ul	89
17) Pyrene	19.44	202	21715	0.613	ng/ul#	85
18) Benzo(a)anthracene	21.20	228	8724	0.300	ng/ul#	13
19) Chrysene	21.25	228	17494	0.493	ng/ul#	48
21) Benzo(b)fluoranthene	22.75	252	13319m	0.392	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	3230m	0.086	ng/ul	
23) Benzo(a)pyrene	23.31	252	5370	0.162	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.59	276	3880	0.091	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	1826	0.054	ng/ul#	1
26) Benzo(g,h,i)perylene	26.26	276	4026	0.103	ng/ul#	7

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

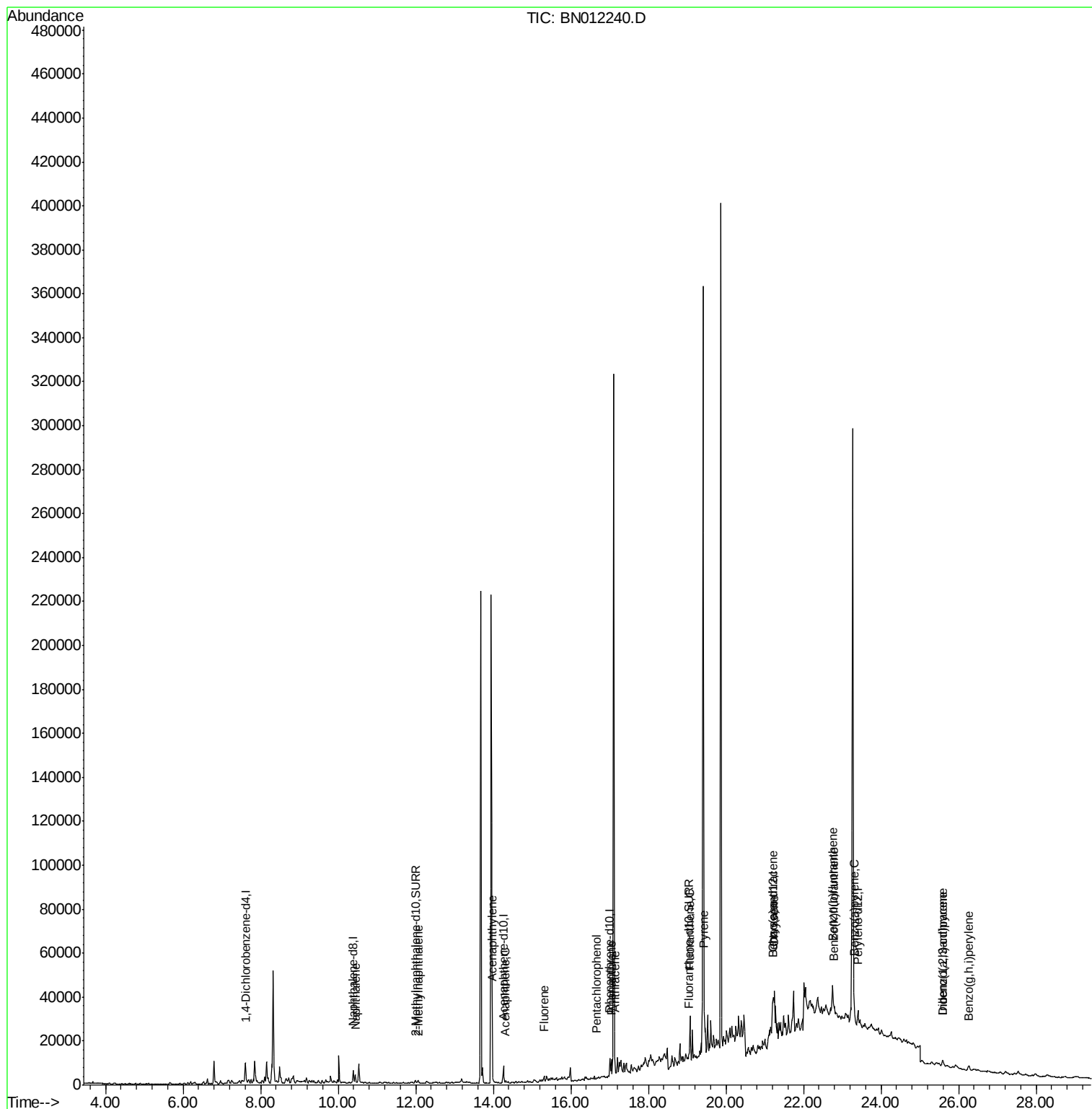
Data File : BN012240.D
Acq On : 15 Oct 2020 20:25
Operator : CG/JU
Sample : L4235-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

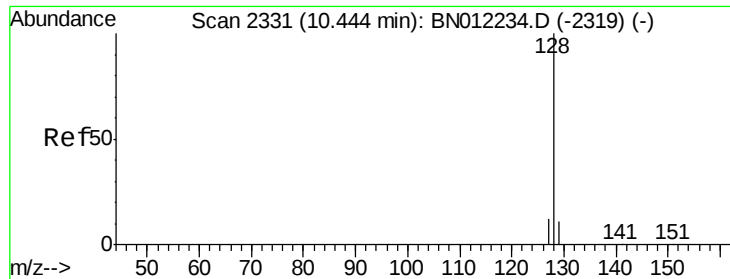
Instrument :
BNA_N
ClientSampleId :
C0AN6

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM

Quant Time: Oct 16 02:02:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.241 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

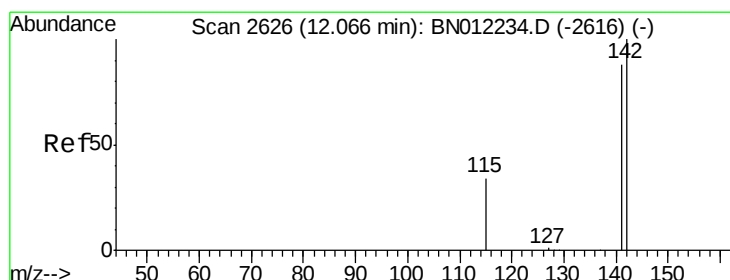
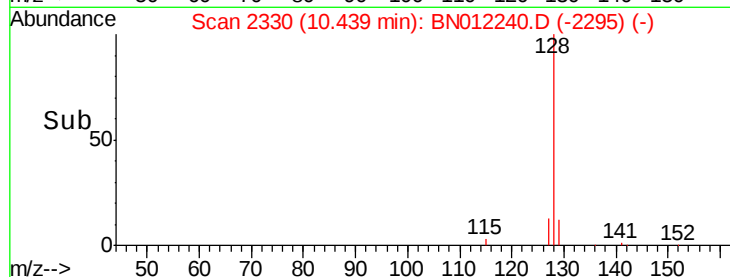
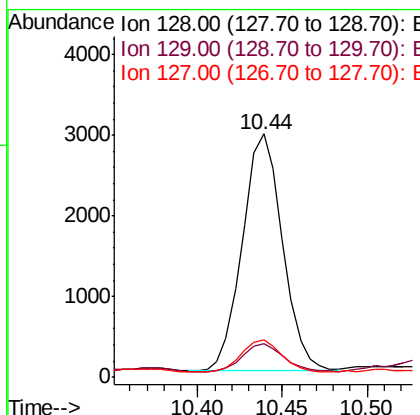
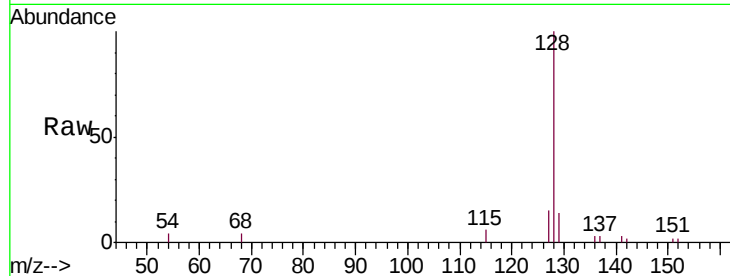
ClientSampleId :

COAN6

Tgt Ion:	128	Resp:	4833
Ion Ratio	Lower	Upper	
128	100		
129	13.7	10.3	15.5
127	15.2	11.9	17.9

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

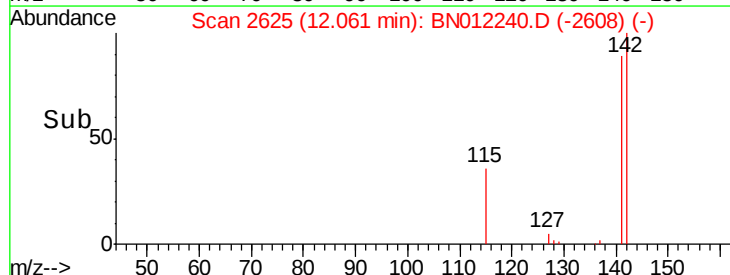
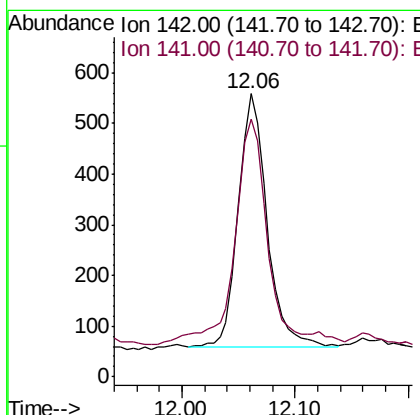
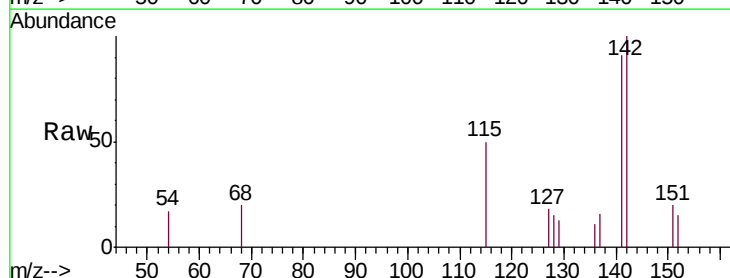
RT: 12.06 min Scan# 2625

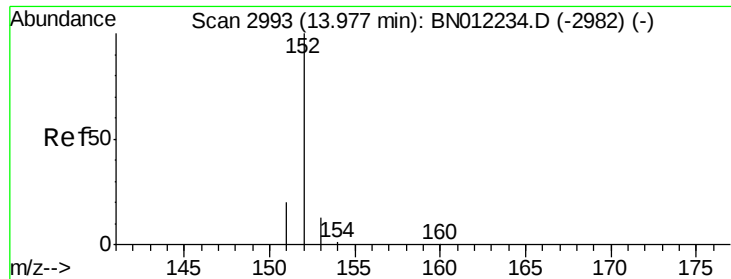
Delta R.T. -0.01 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Tgt Ion:	142	Resp:	875
Ion Ratio	Lower	Upper	
142	100		
141	102.9	71.7	107.5





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

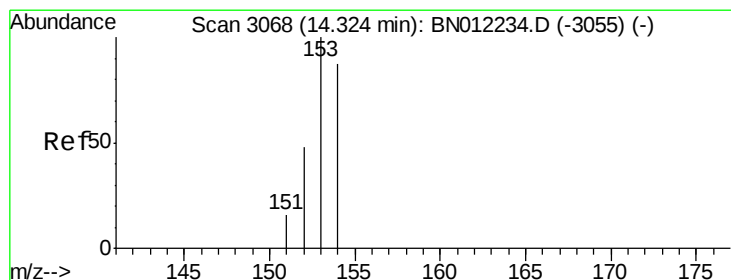
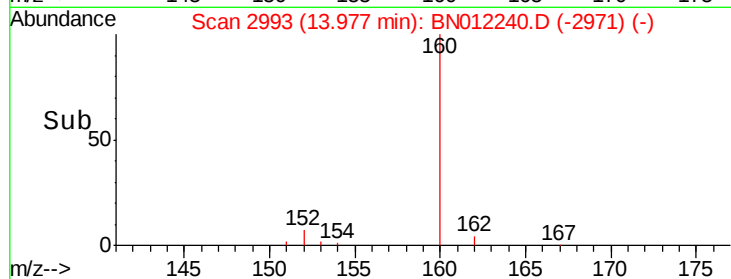
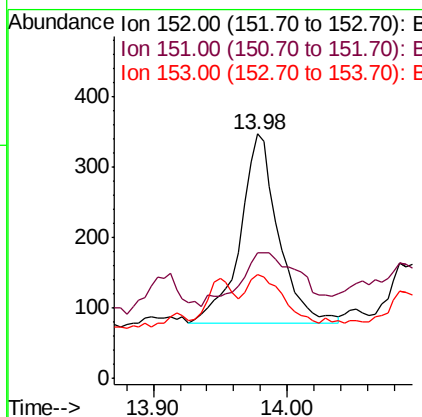
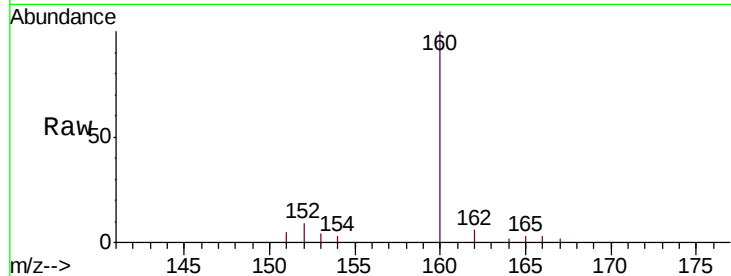
ClientSampleId :

COAN6

Tgt Ion:	152	Resp:	532
Ion Ratio	Lower	Upper	
152	100		
151	51.0	16.7	25.1#
153	42.1	11.8	17.8#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM



#8

Acenaphthene

Concen: 0.039 ng/ul

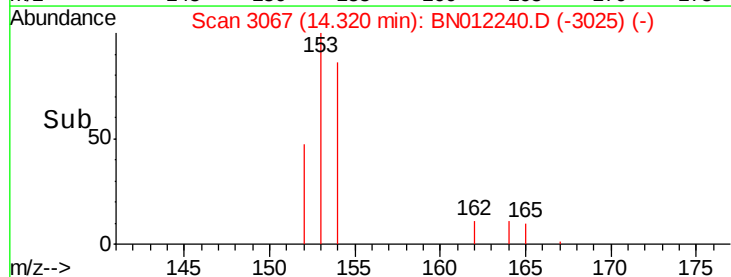
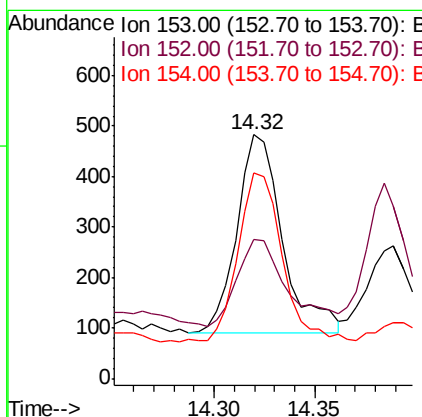
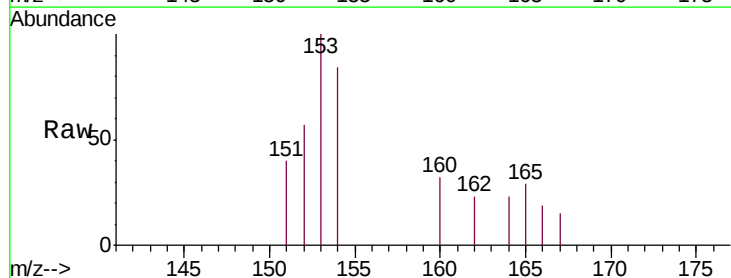
RT: 14.32 min Scan# 3067

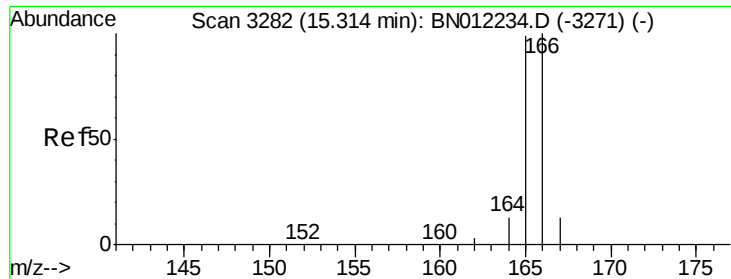
Delta R.T. -0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Tgt Ion:	153	Resp:	619
Ion Ratio	Lower	Upper	
153	100		
152	57.1	38.2	57.2
154	84.5	71.1	106.7





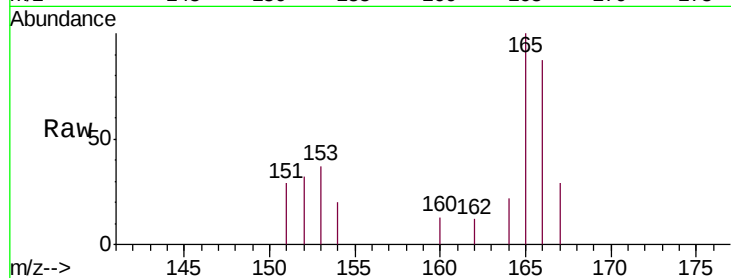
#9
Fluorene
 Concen: 0.065 ng/ul
 RT: 15.31 min Scan# 3281
 Delta R.T. -0.00 min
 Lab File: BN012240.D
 Acq: 15 Oct 2020 20:25

Instrument :
 BNA_N
 ClientSampleId :
 COAN6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	114.7	78.6	118.0
167	33.4	11.9	17.9#

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:20:02 PM

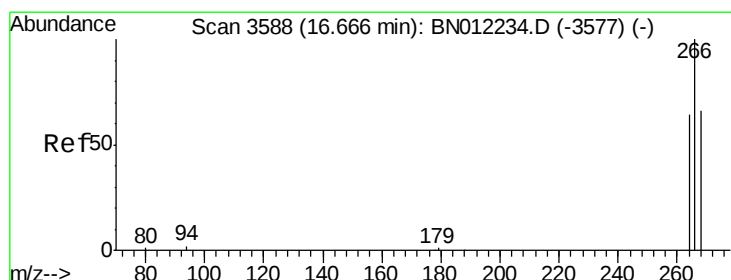
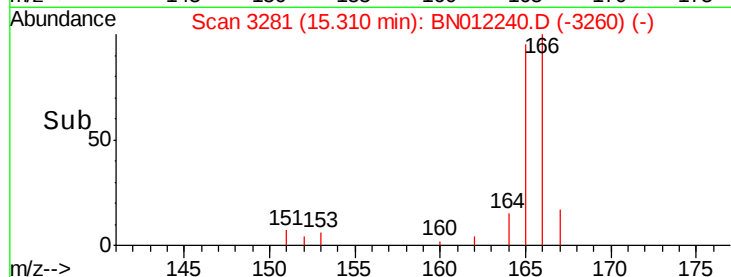
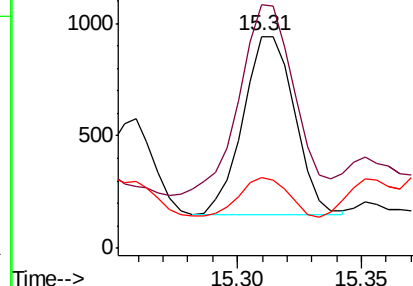


Abundance

Ion 166.00 (165.70 to 166.70): E

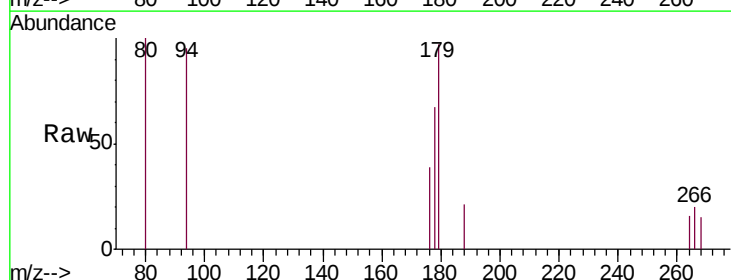
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11
Pentachlorophenol
 Concen: 0.047 ng/ul
 RT: 16.66 min Scan# 3586
 Delta R.T. -0.01 min
 Lab File: BN012240.D
 Acq: 15 Oct 2020 20:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.3	50.3	75.5#
268	64.8	52.4	78.6

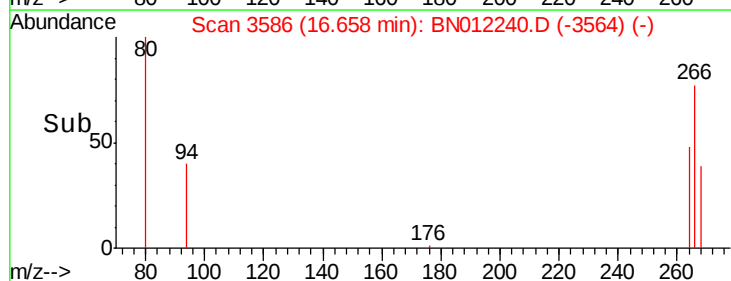
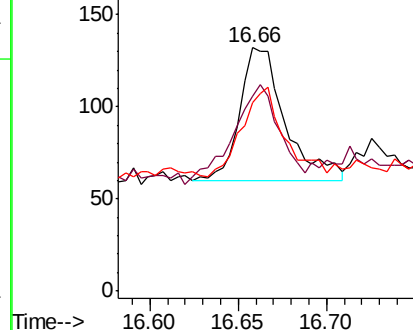


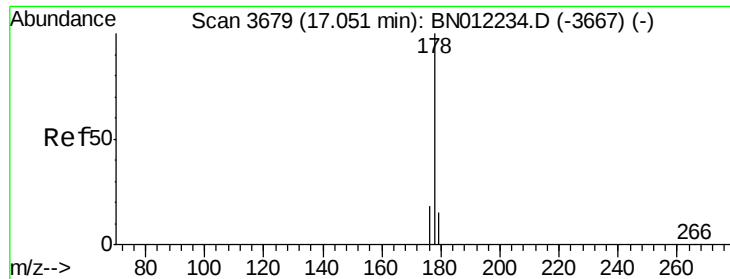
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.294 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

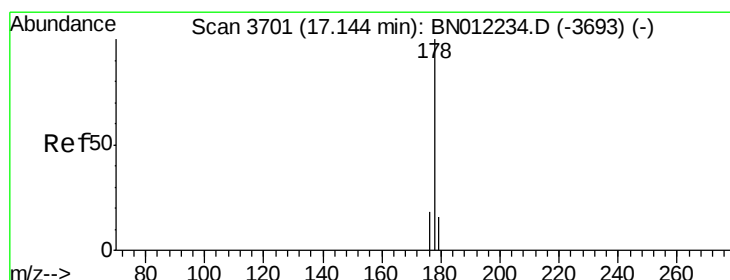
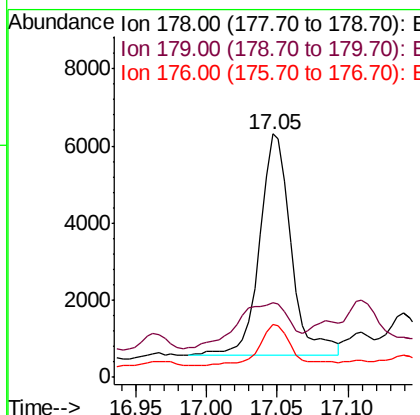
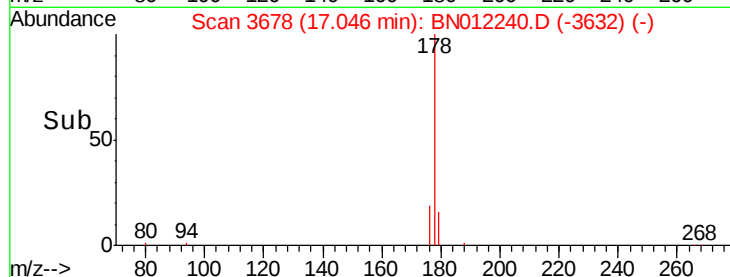
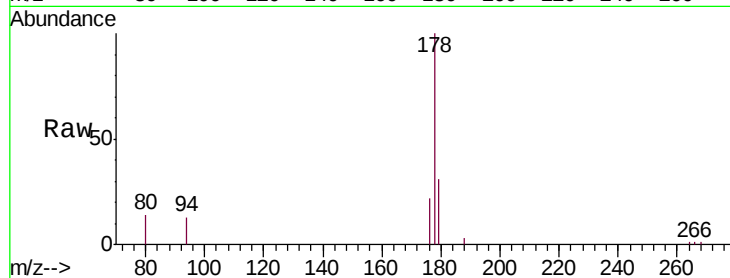
ClientSampleId :

C0AN6

Tgt Ion:	178	Resp:	8891
Ion Ratio	Lower	Upper	
178	100		
179	30.6	13.4	20.2#
176	22.0	15.7	23.5

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM



#13

Anthracene

Concen: 0.038 ng/ul

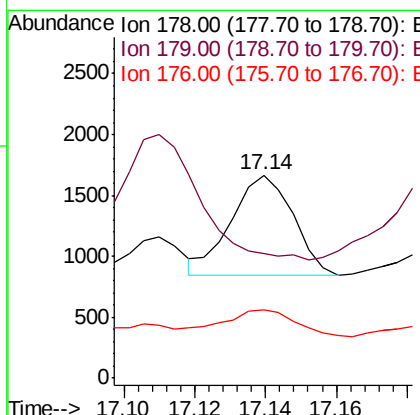
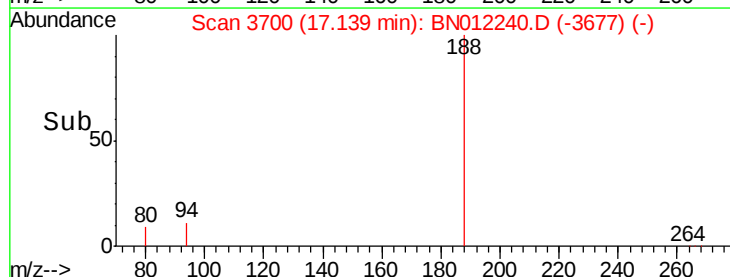
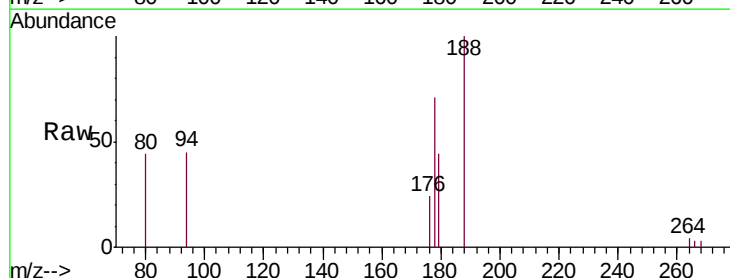
RT: 17.14 min Scan# 3700

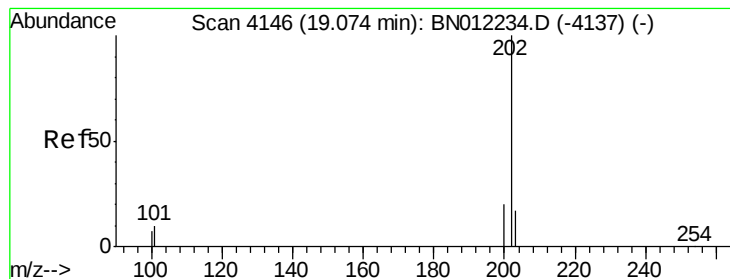
Delta R.T. -0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Tgt Ion:	178	Resp:	987
Ion Ratio	Lower	Upper	
178	100		
179	61.7	13.9	20.9#
176	33.7	15.4	23.0#





#15

Fluoranthene

Concen: 0.497 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

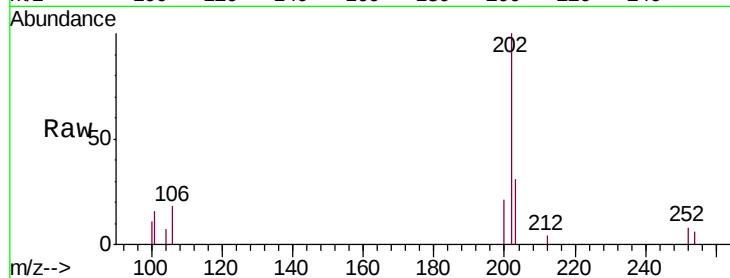
ClientSampleId :

C0AN6

Tgt Ion:	202	Resp:	17592
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	31.0
100	11.3	0.0	28.7

Manual Integrations
APPROVED

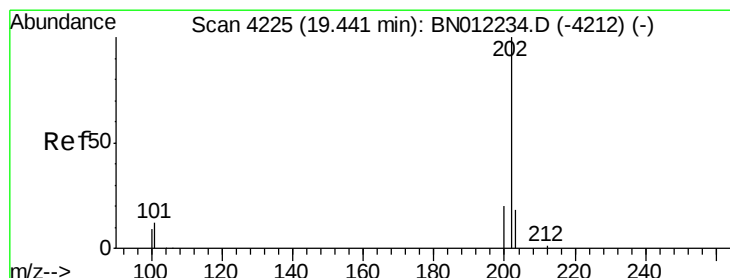
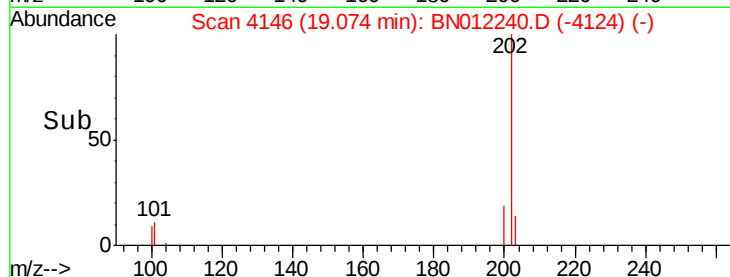
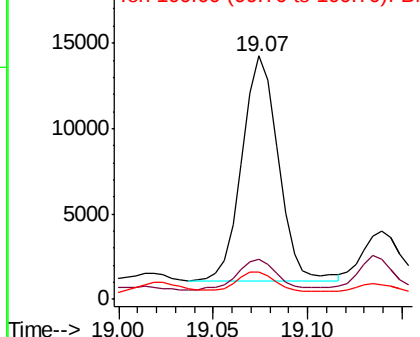
mohammad
10/19/2020 1:20:02 PM



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): B



#17

Pyrene

Concen: 0.613 ng/ul

RT: 19.44 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN012240.D

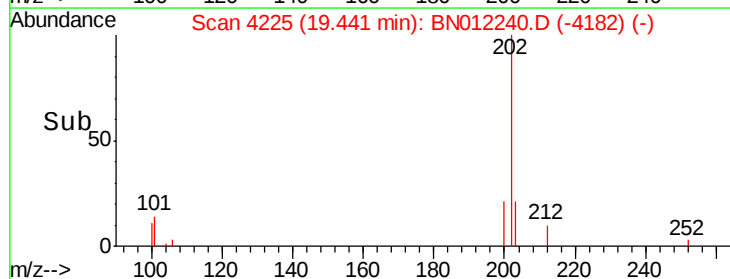
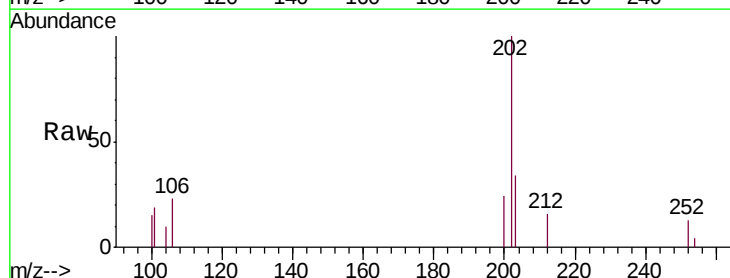
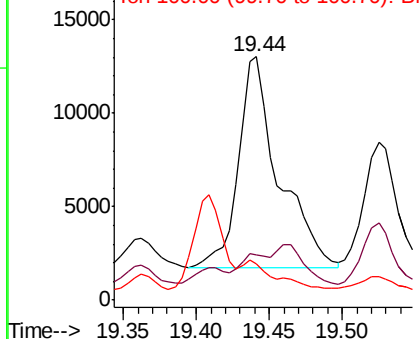
Acq: 15 Oct 2020 20:25

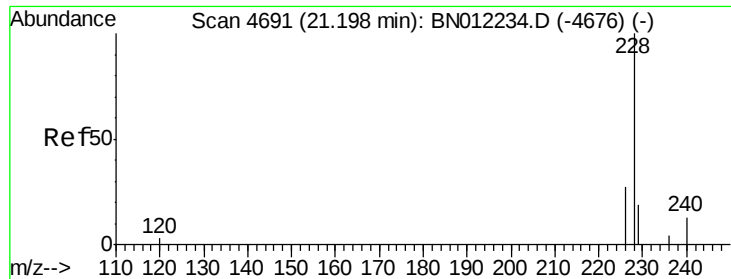
Tgt Ion:	202	Resp:	21715
Ion Ratio	Lower	Upper	
202	100		
101	18.8	9.9	14.9#
100	14.8	8.0	12.0#

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): B





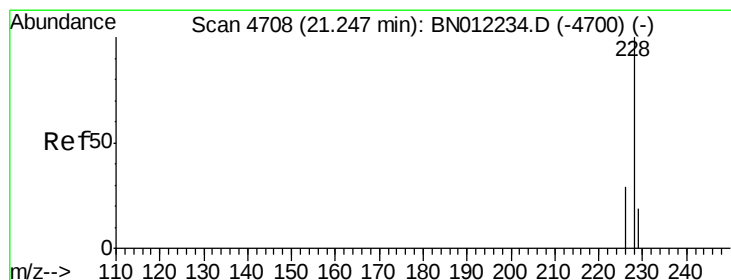
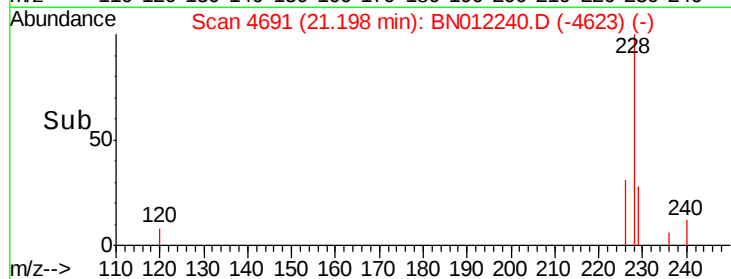
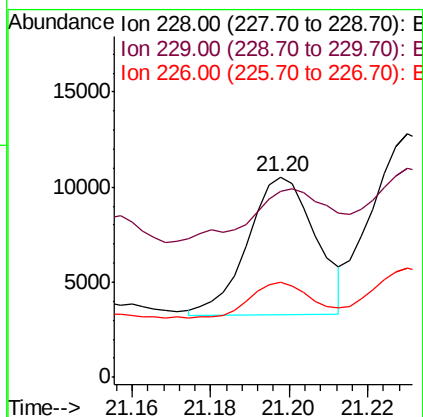
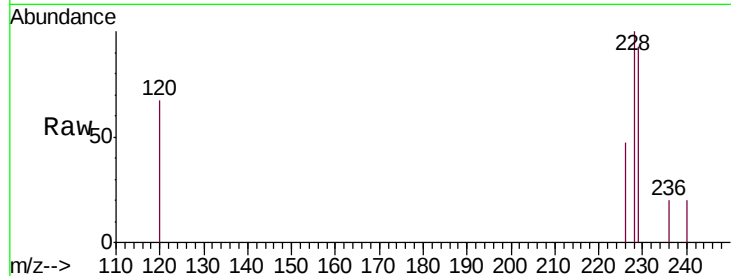
#18
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN012240.D
Acq: 15 Oct 2020 20:25

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	92.9	15.8	23.8#
226	47.2	22.6	33.8#

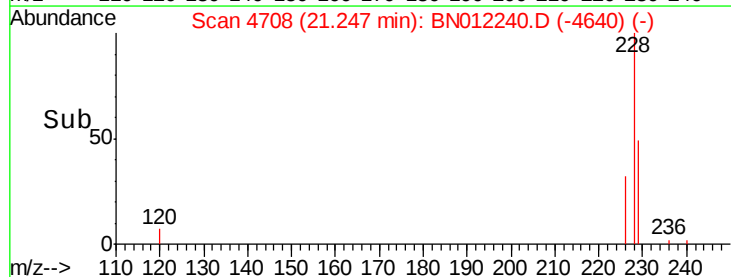
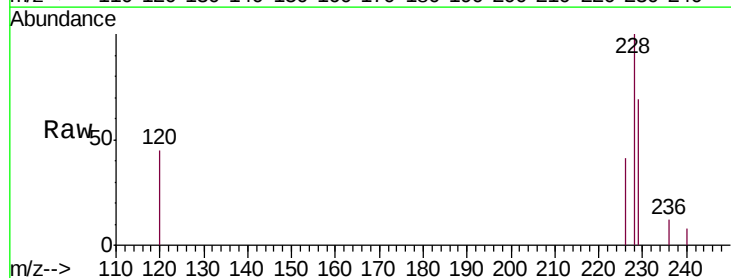
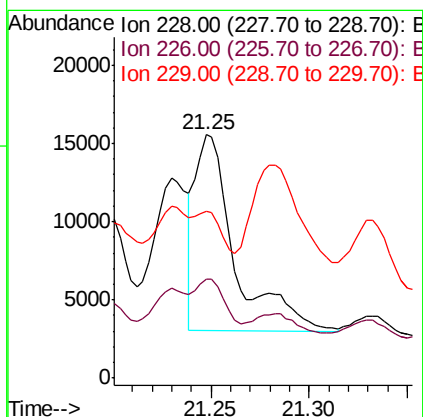
Manual Integrations
APPROVED

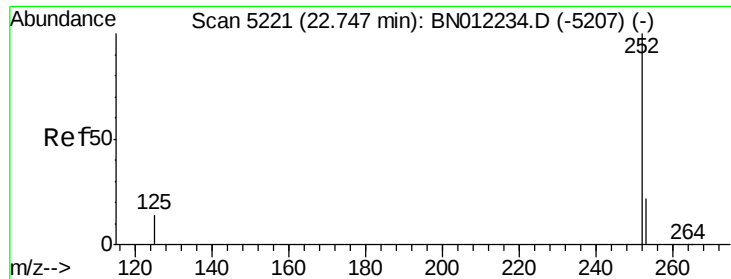
mohammad
10/19/2020 1:20:02 PM



#19
Chrysene
Concen: 0.493 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.00 min
Lab File: BN012240.D
Acq: 15 Oct 2020 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.9	24.6	37.0#
229	68.7	17.0	25.6#





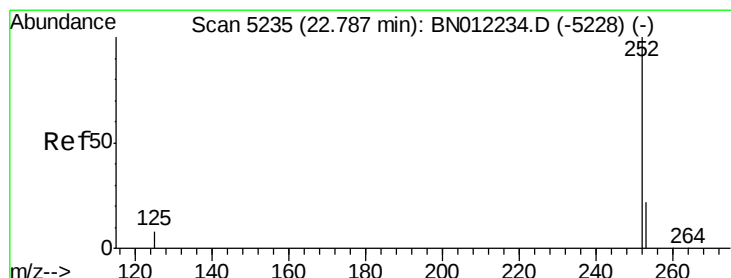
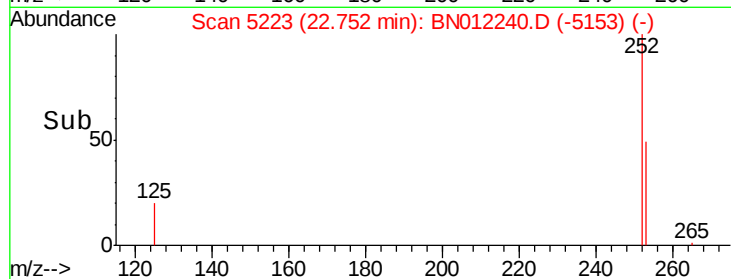
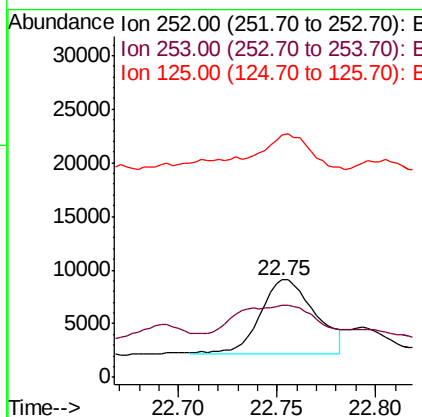
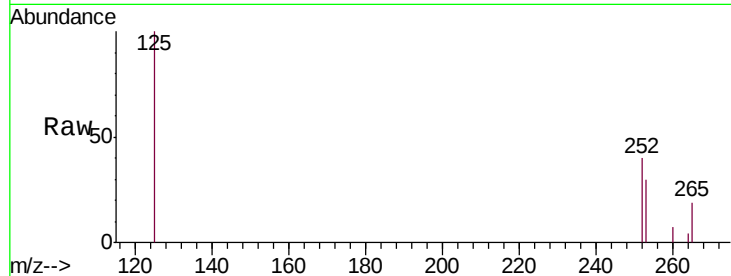
#21
Benzo(b)fluoranthene
Concen: 0.392 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. 0.01 min
Lab File: BN012240.D
Acq: 15 Oct 2020 20:25

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.5	0.0	61.6#
125	247.9	0.0	36.8#

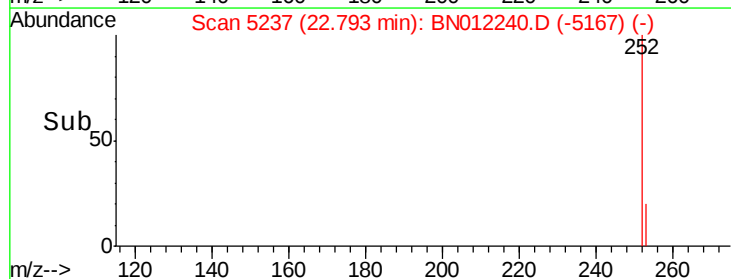
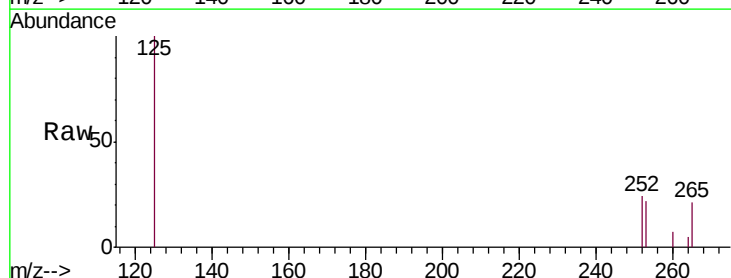
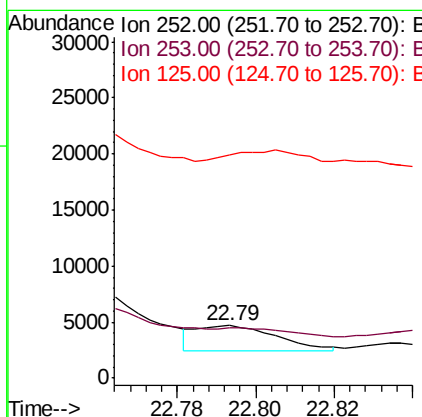
Manual Integrations
APPROVED

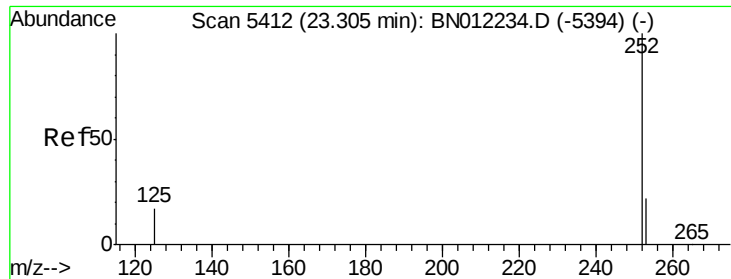
mohammad
10/19/2020 1:20:02 PM



#22
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.79 min Scan# 5237
Delta R.T. 0.01 min
Lab File: BN012240.D
Acq: 15 Oct 2020 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	95.3	24.4	36.6#
125	424.8	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.162 ng/u1

RT: 23.31 min Scan# 5414

Delta R.T. 0.01 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

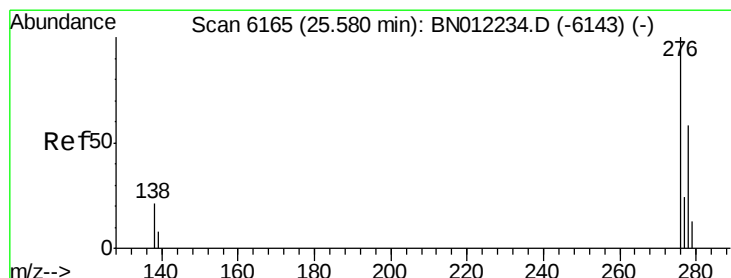
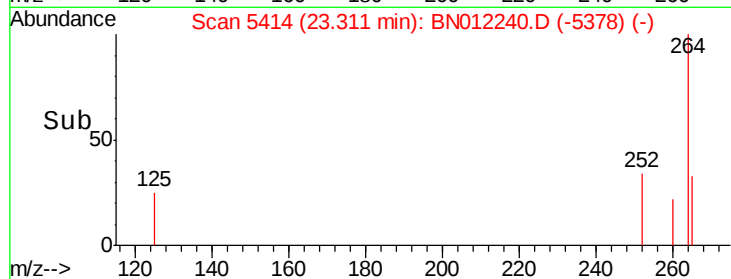
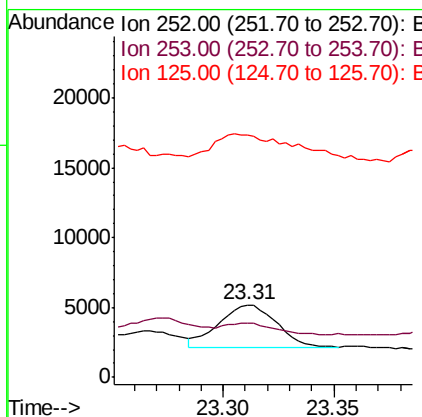
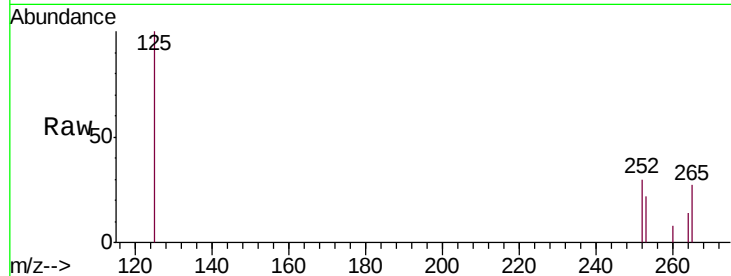
ClientSampleId :

C0AN6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.3	27.0	40.4#
125	335.4	18.8	28.2#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:02 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.091 ng/u1

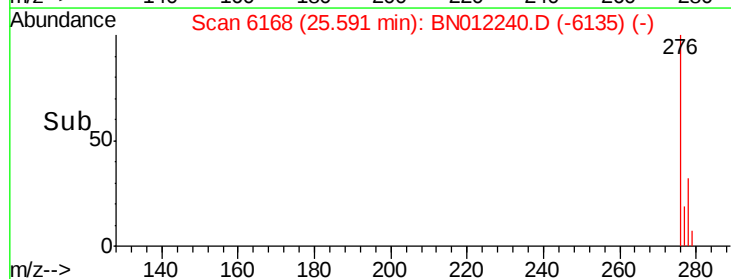
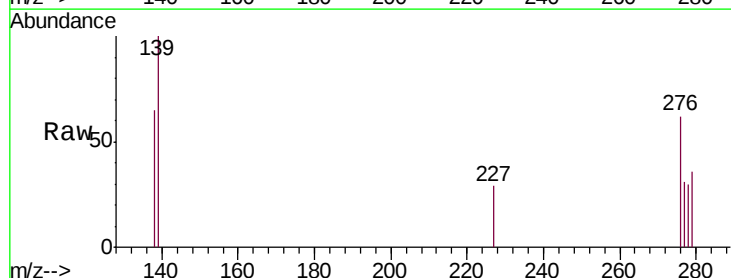
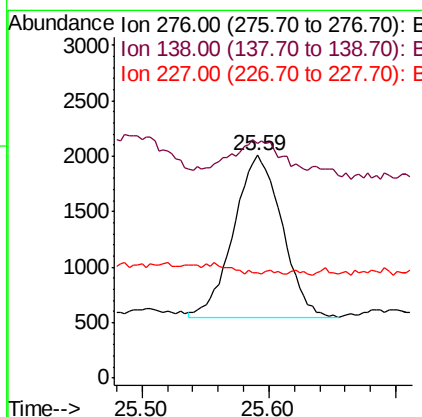
RT: 25.59 min Scan# 6168

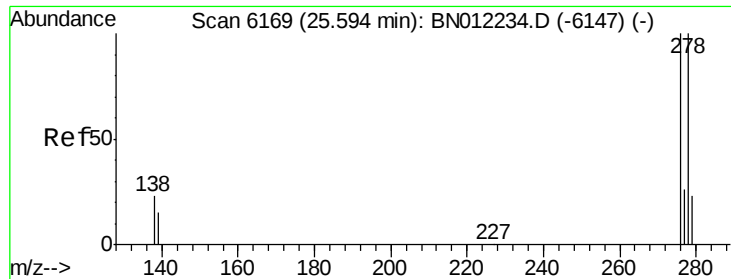
Delta R.T. 0.01 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
227	0.7	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.054 ng/u1

RT: 25.60 min Scan# 6170

Delta R.T. 0.00 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Instrument :

BNA_N

ClientSampleId :

COAN6

Tgt Ion:278 Resp: 1826

Ion Ratio Lower Upper

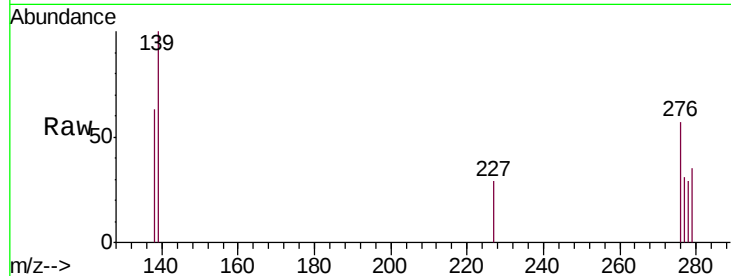
278 100

139 340.9 15.7 23.5#

279 119.0 26.0 39.0#

Manual Integrations
APPROVED

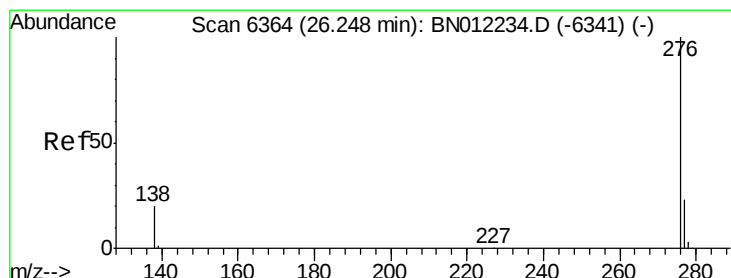
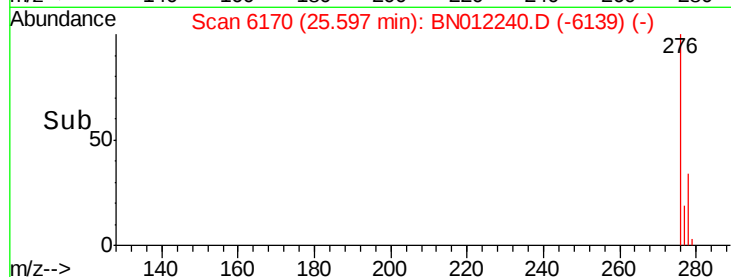
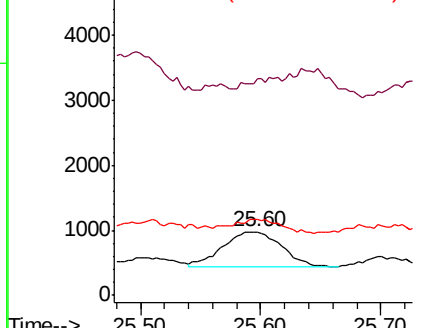
mohammad
10/19/2020 1:20:02 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.103 ng/u1

RT: 26.26 min Scan# 6369

Delta R.T. 0.02 min

Lab File: BN012240.D

Acq: 15 Oct 2020 20:25

Tgt Ion:276 Resp: 4026

Ion Ratio Lower Upper

276 100

138 94.3 17.1 25.7#

277 48.3 21.1 31.7#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

