

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011724.D
 Acq On : 05 Sep 2020 05:36
 Operator : CG/JU
 Sample : L3843-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:47:43 PM

Quant Time: Sep 05 06:46:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3083	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12040	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6967	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	14982	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	13830	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	14019	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2952	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6709	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1934	0.055	ng/ul#	94
7) Acenaphthylene	14.09	152	4298	0.123	ng/ul	98
8) Acenaphthene	14.44	153	3401	0.125	ng/ul	98
9) Fluorene	15.43	166	1423	0.044	ng/ul#	98
12) Phenanthrene	17.16	178	7023	0.139	ng/ul	99
13) Anthracene	17.25	178	6393	0.153	ng/ul	99
15) Fluoranthene	19.18	202	34808	0.597	ng/ul	98
17) Pyrene	19.54	202	33683	0.623	ng/ul#	94
18) Benzo(a)anthracene	21.29	228	19996	0.431	ng/ul	98
19) Chrysene	21.35	228	26273	0.420	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	31734m	0.521	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	11436m	0.170	ng/ul	
23) Benzo(a)pyrene	23.46	252	21993	0.430	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	14383	0.208	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.83	278	4710	0.083	ng/ul#	84
26) Benzo(a,h,i)perylene	26.51	276	12550	0.194	ng/ul	98

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

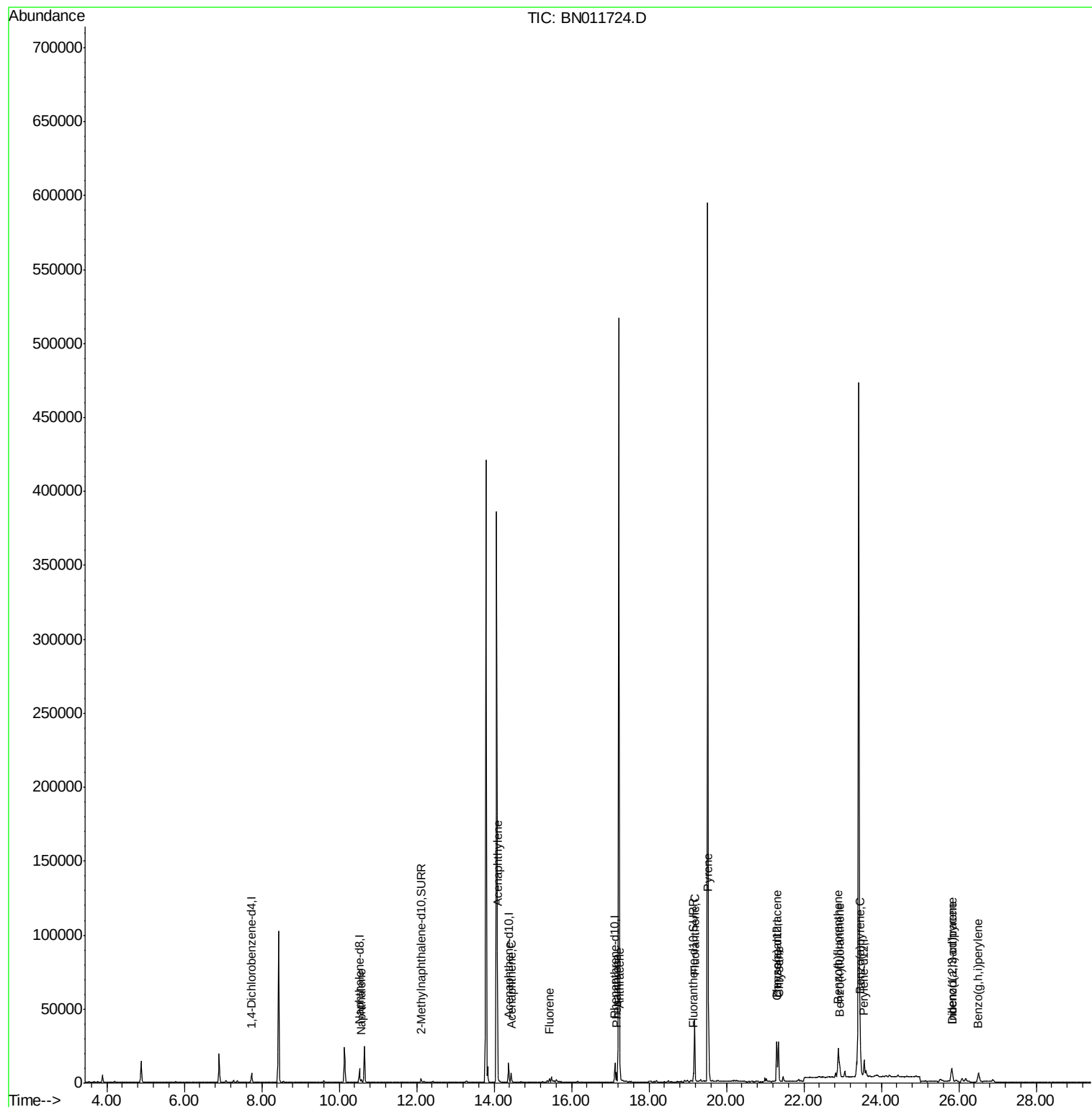
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011724.D
Acq On : 05 Sep 2020 05:36
Operator : CG/JU
Sample : L3843-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

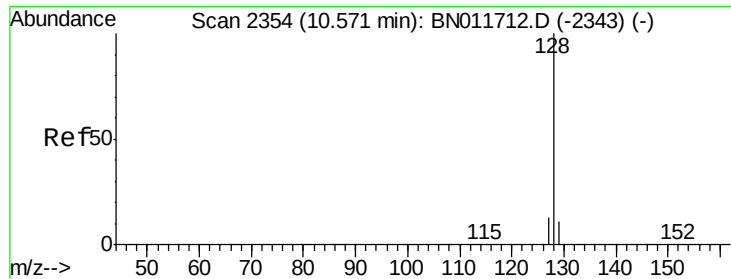
Instrument :
BNA_N
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM

Quant Time: Sep 05 06:46:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Instrument :

BNA_N

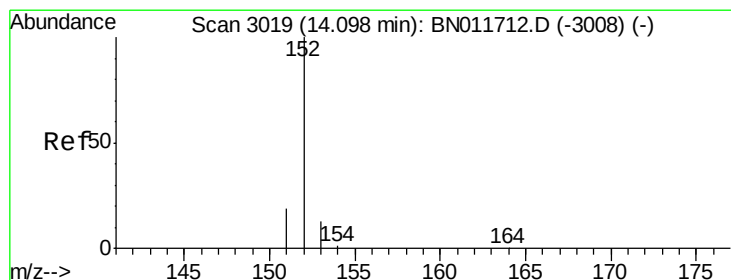
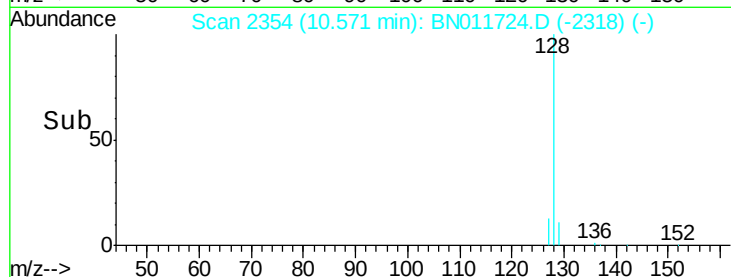
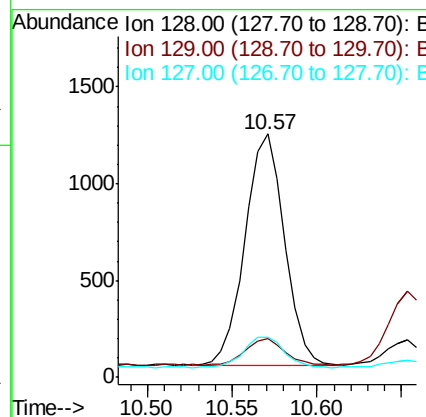
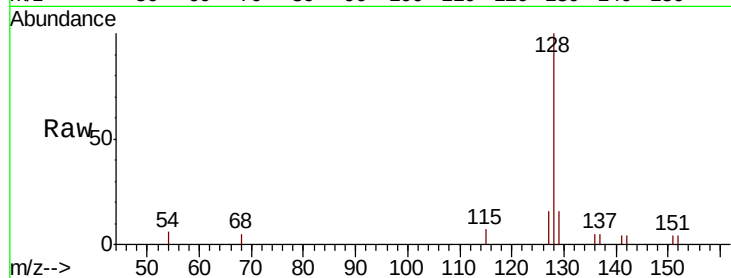
ClientSampleId :

C0AC6

Tot Ion:	128	Resp:	1934
Ion Ratio	Lower	Upper	
128	100		
129	15.9	10.4	15.6#
127	16.4	11.4	17.0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM



#7

Acenaphthylene

Concen: 0.123 ng/ul

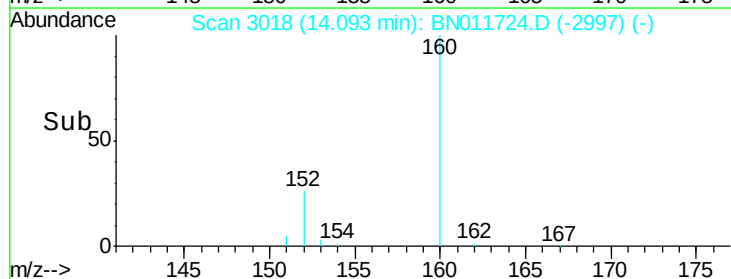
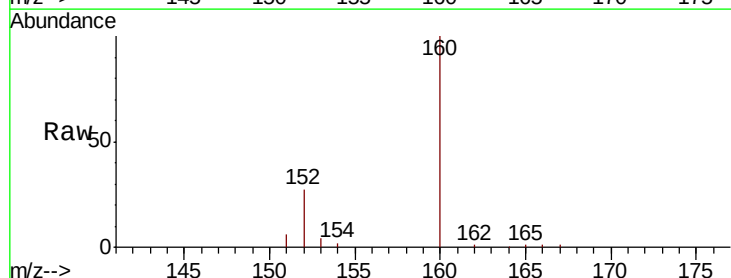
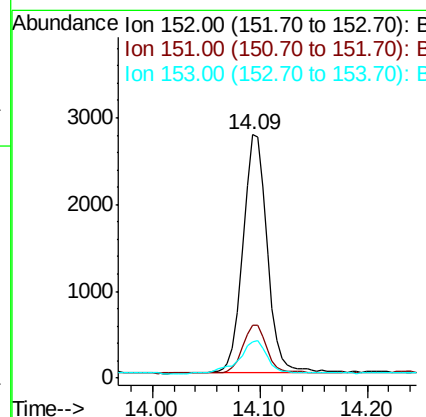
RT: 14.09 min Scan# 3018

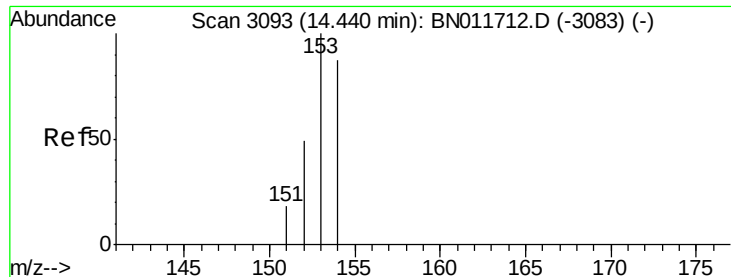
Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Tgt Ion:	152	Resp:	4298
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.7	25.1
153	14.7	12.3	18.5





#8

Acenaphthene

Concen: 0.125 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Instrument :

BNA_N

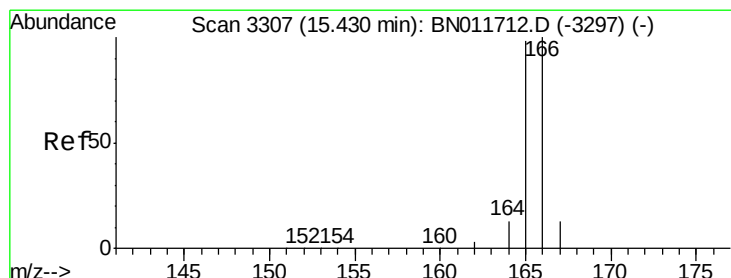
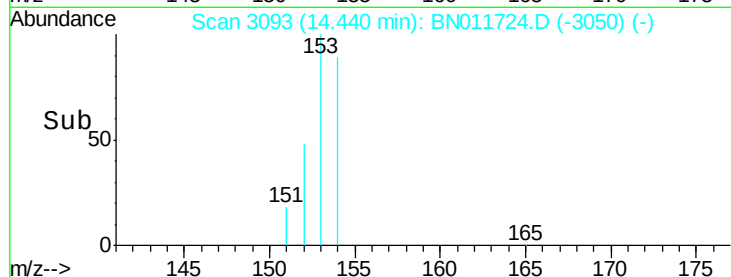
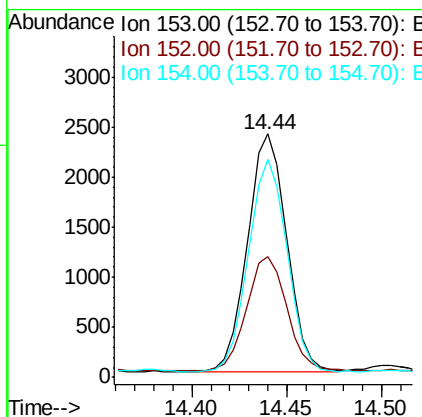
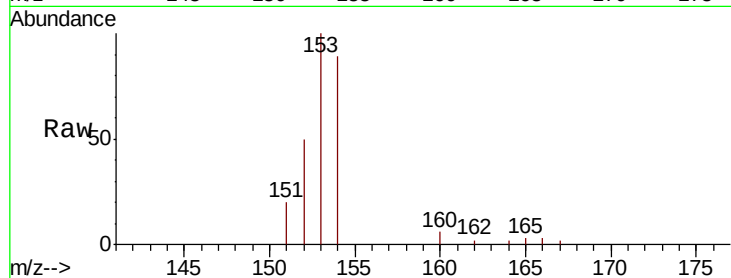
ClientSampleId :

C0AC6

Tot Ion:	153	Resp:	3401
Ion	Ratio	Lower	Upper
153	100		
152	49.5	41.0	61.6
154	89.4	70.2	105.2

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM



#9

Fluorene

Concen: 0.044 ng/ul

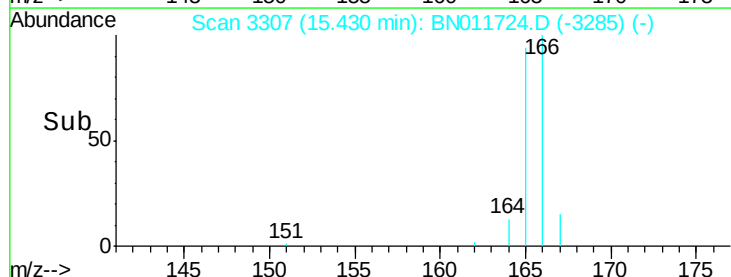
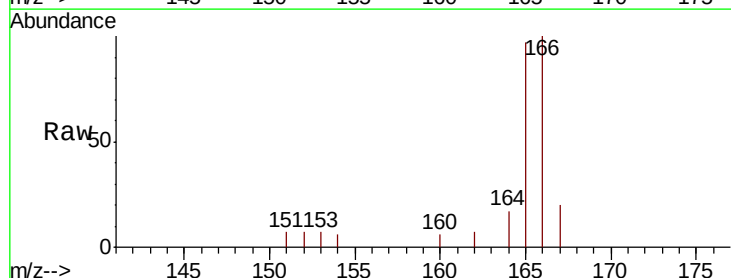
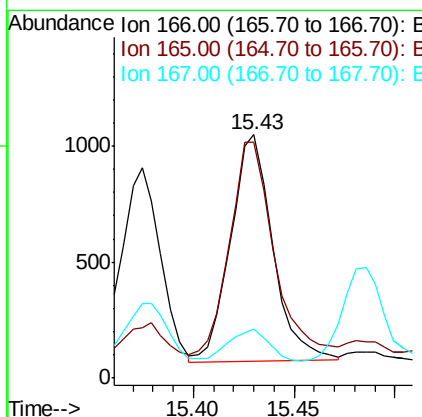
RT: 15.43 min Scan# 3307

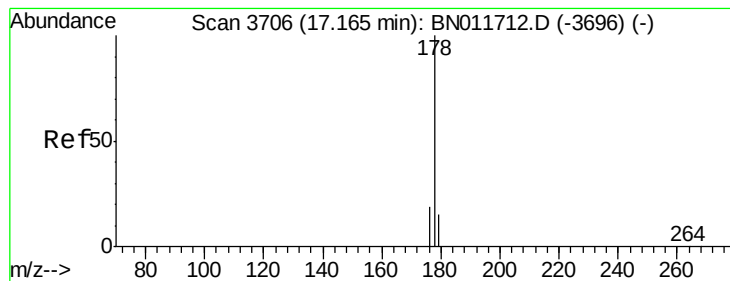
Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Tgt Ion:	166	Resp:	1423
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.7	116.5
167	20.2	12.5	18.7#





#12

Phenanthrene

Concen: 0.139 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Instrument :

BNA_N

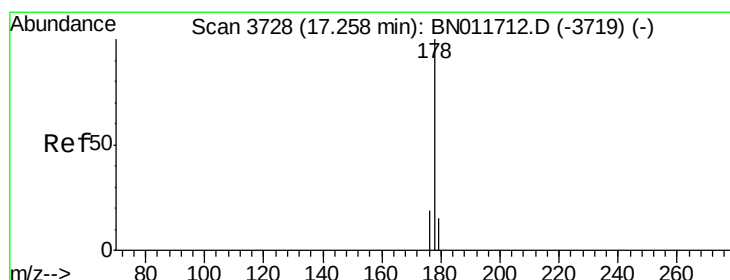
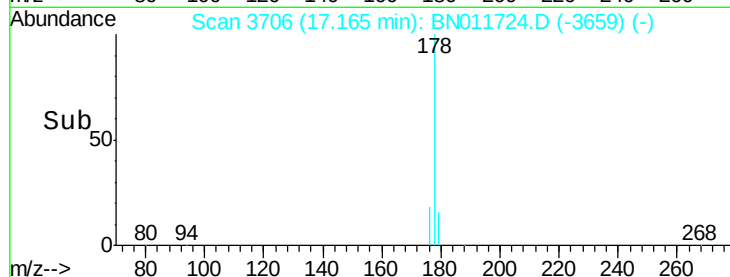
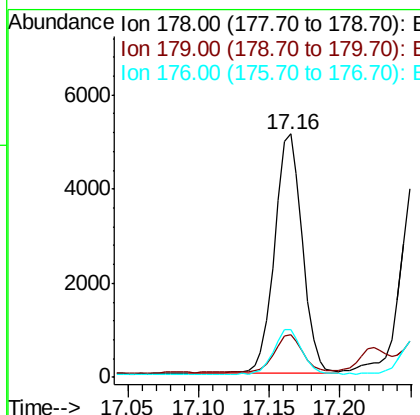
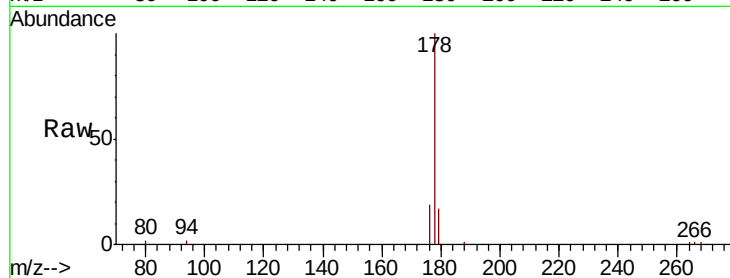
ClientSampleId :

C0AC6

Tot Ion:178	Resp:	7023
Ion Ratio	Lower	Upper
178	100	
179	17.5	13.8 20.8
176	19.5	16.3 24.5

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM



#13

Anthracene

Concen: 0.153 ng/ul

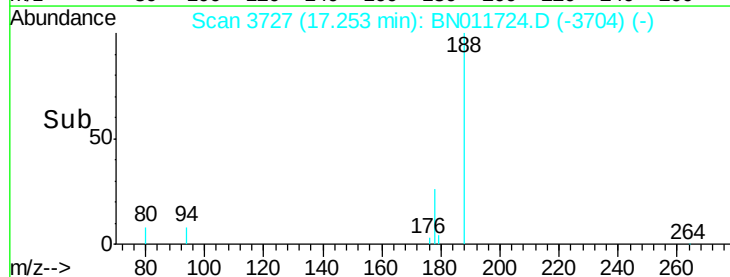
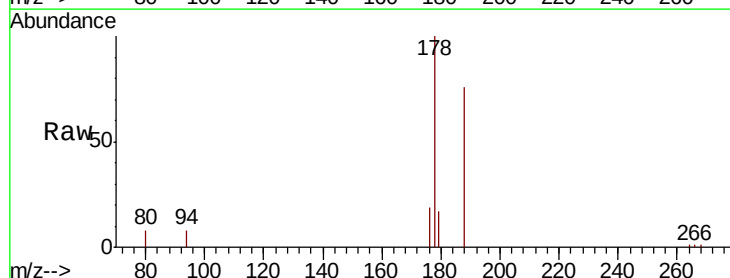
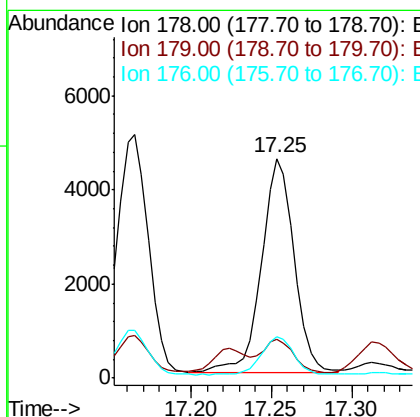
RT: 17.25 min Scan# 3727

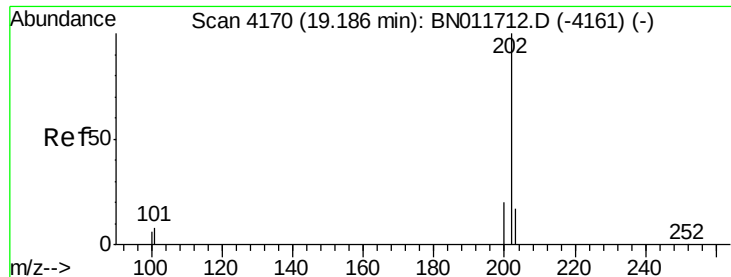
Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Tgt Ion:178	Resp:	6393
Ion Ratio	Lower	Upper
178	100	
179	17.5	14.2 21.2
176	19.0	15.8 23.8





#15

Fluoranthene

Concen: 0.597 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Instrument :

BNA_N

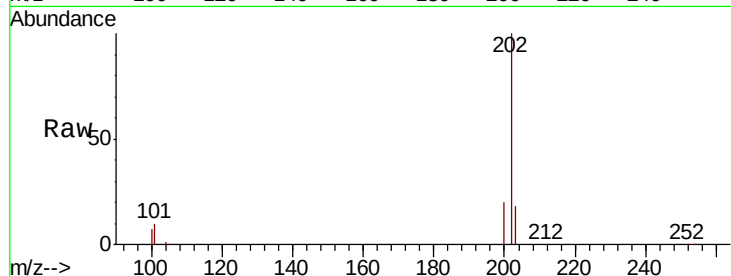
ClientSampleId :

C0AC6

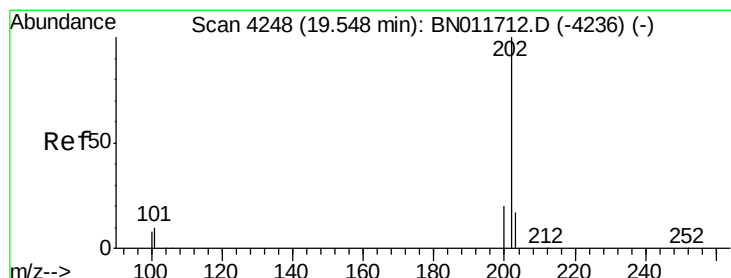
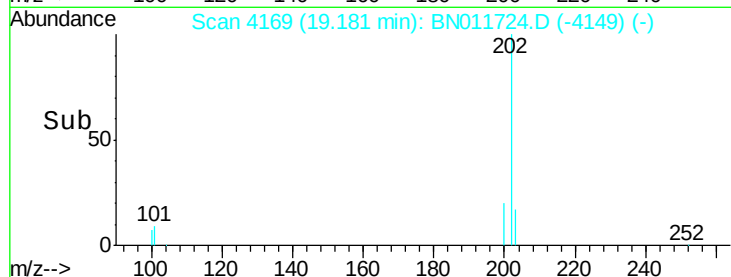
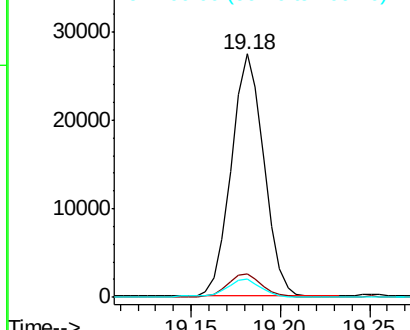
Tot Ion:	202	Resp:	34808
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	28.3
100	7.3	0.0	27.1

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 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: 0.623 ng/ul

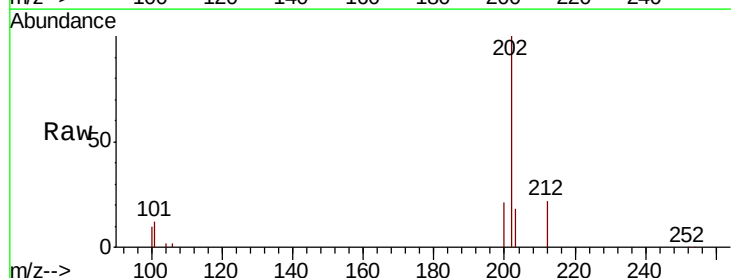
RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

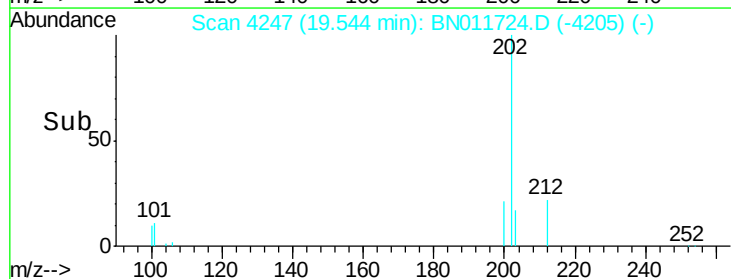
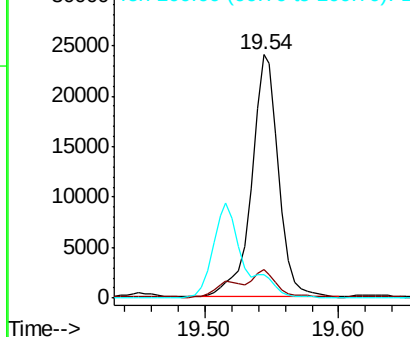
Lab File: BN011724.D

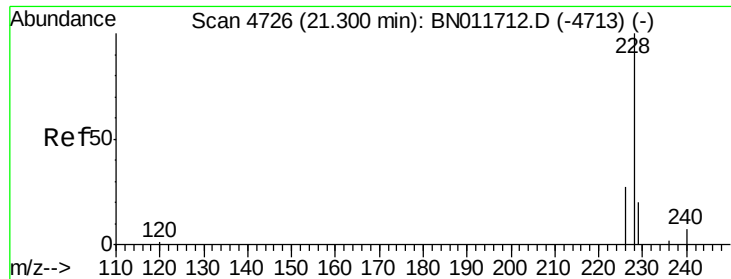
Acq: 05 Sep 2020 05:36

Tgt Ion:	202	Resp:	33683
Ion Ratio	Lower	Upper	
202	100		
101	11.7	7.3	10.9#
100	9.8	6.7	10.1



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





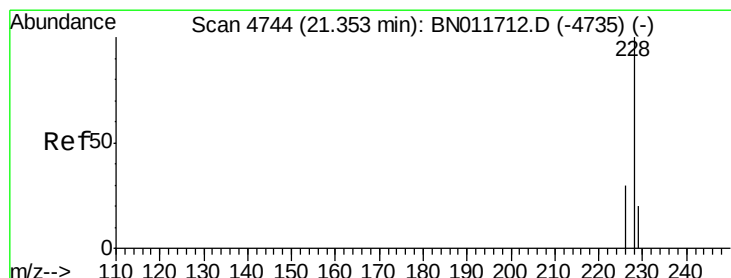
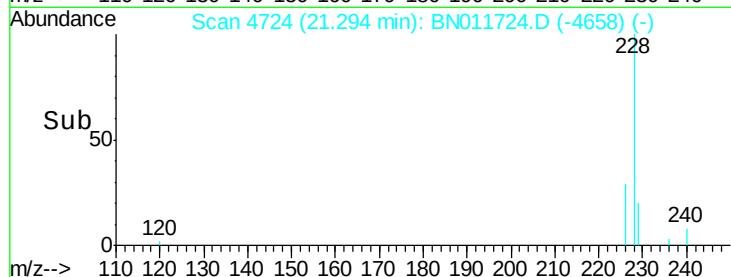
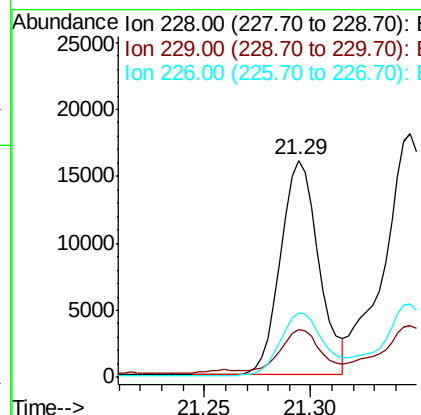
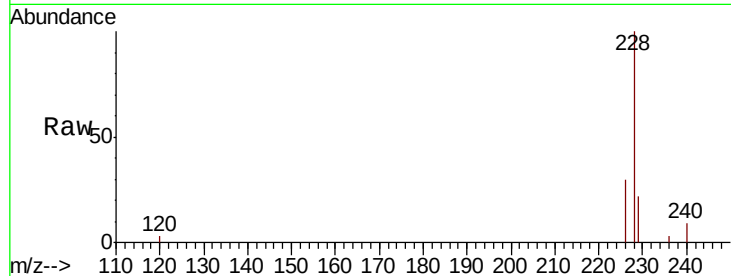
#18
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Instrument :
BNA_N
ClientSampled :
C0AC6

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.7	25.1
226	29.6	22.9	34.3

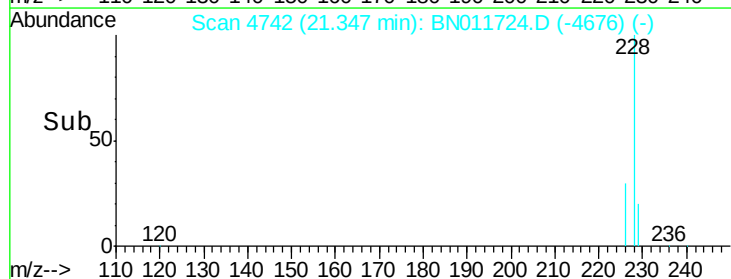
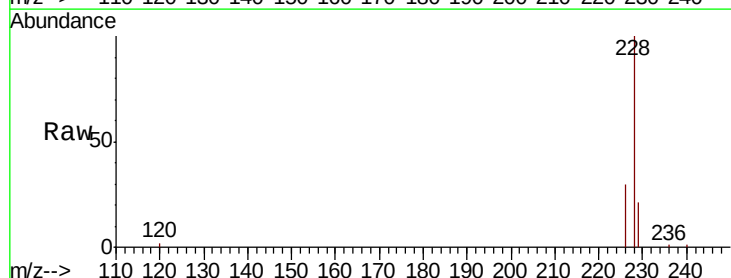
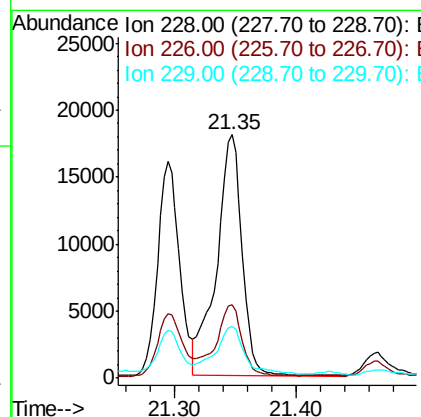
Manual Integrations
APPROVED

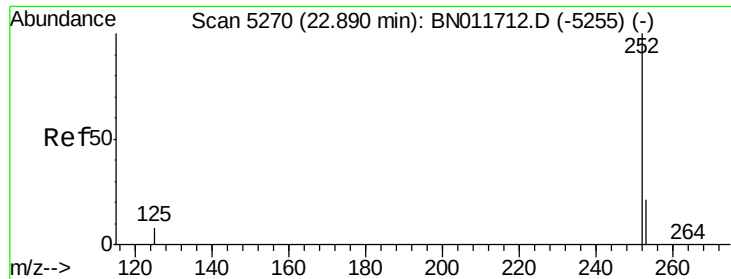
mohammad
9/8/2020 1:47:43 PM



#19
Chrysene
Concen: 0.420 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.3	16.4	24.6





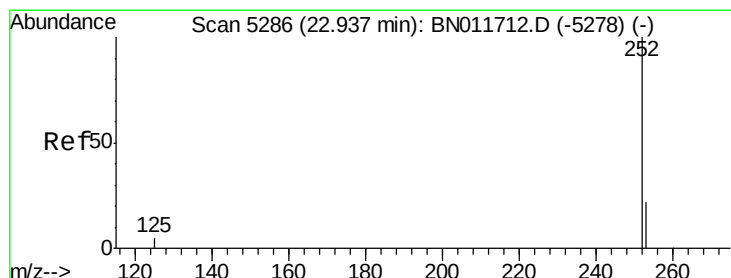
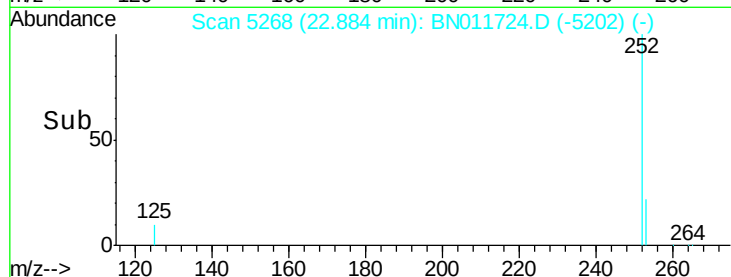
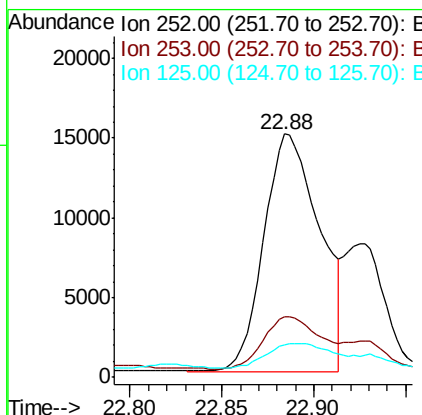
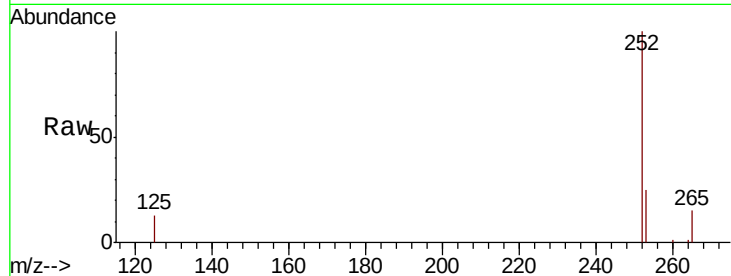
#21
Benzo(b)fluoranthene
Concen: 0.521 ng/ul m
RT: 22.88 min Scan# 5268
Delta R.T. -0.01 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Instrument :
BNA_N
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	54.8
125	13.1	0.0	22.2

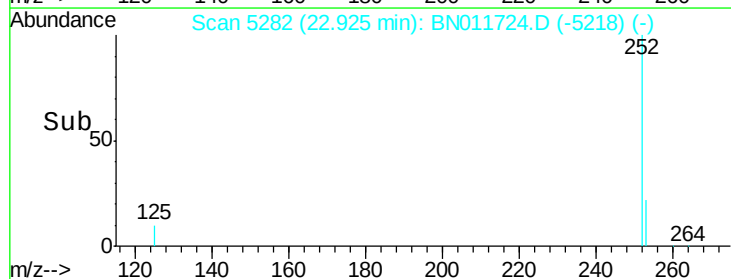
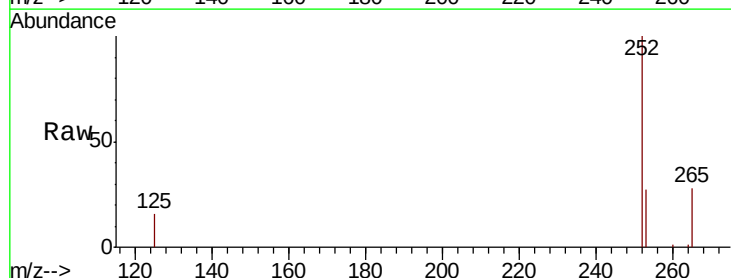
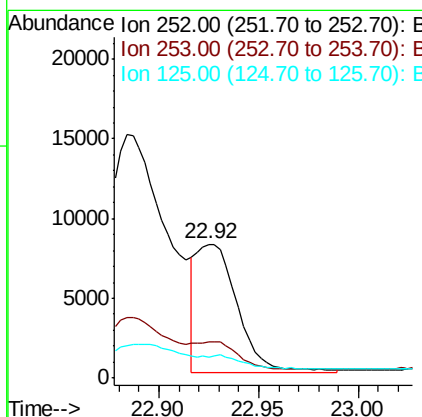
Manual Integrations
APPROVED

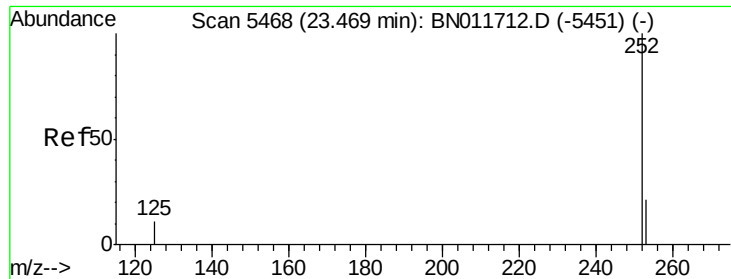
mohammad
9/8/2020 1:47:43 PM



#22
Benzo(k)fluoranthene
Concen: 0.170 ng/ul m
RT: 22.92 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.8	32.6
125	16.1	9.1	13.7#





#23

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.46 min Scan# 5465

Delta R.T. -0.01 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Instrument :

BNA_N

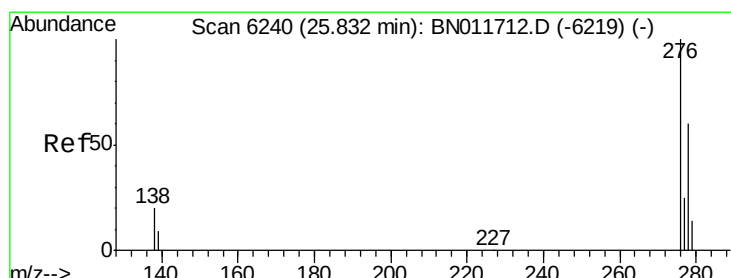
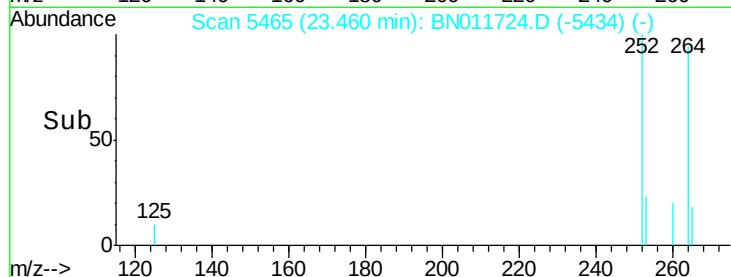
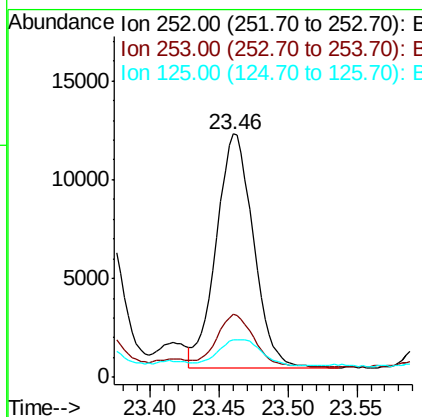
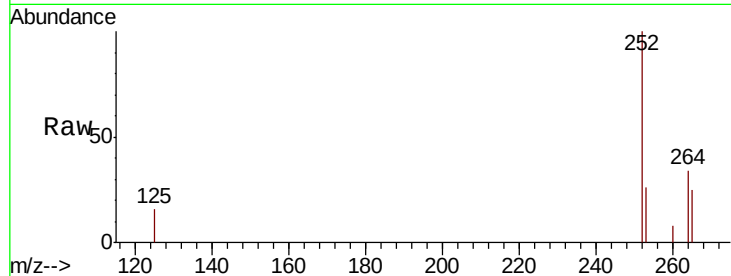
ClientSampleId :

C0AC6

Tot Ion:	252	Resp:	21993
Ion Ratio	Lower	Upper	
252	100		
253	25.7	24.4	36.6
125	15.5	11.1	16.7

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.208 ng/ul

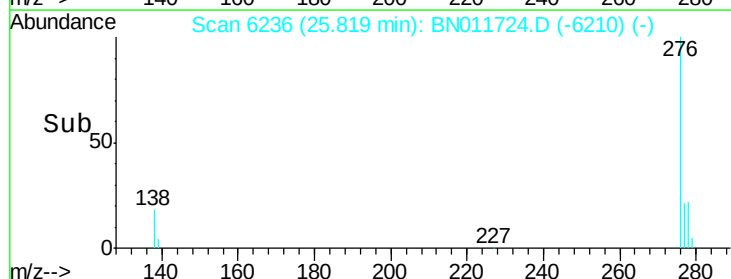
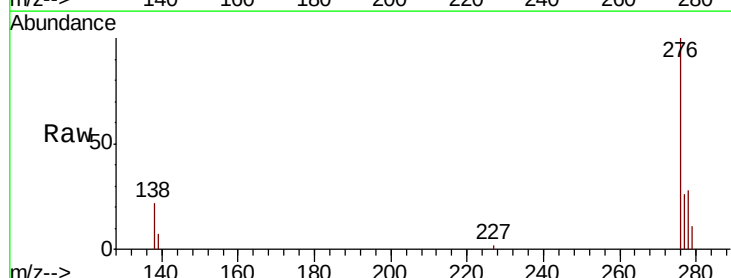
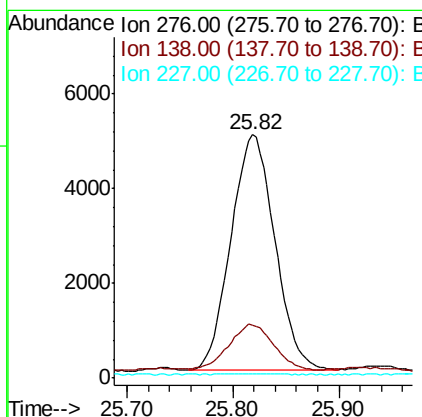
RT: 25.82 min Scan# 6236

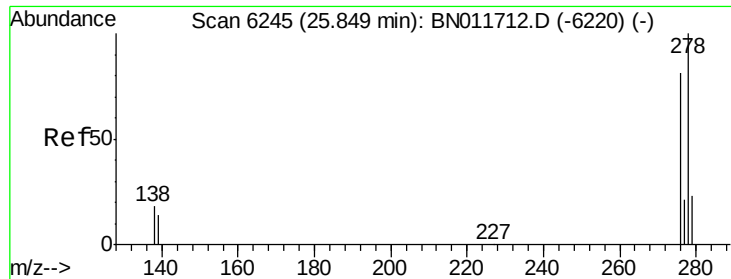
Delta R.T. -0.01 min

Lab File: BN011724.D

Acq: 05 Sep 2020 05:36

Tgt Ion:	276	Resp:	14383
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.8	23.6
227	0.0	0.2	0.2#





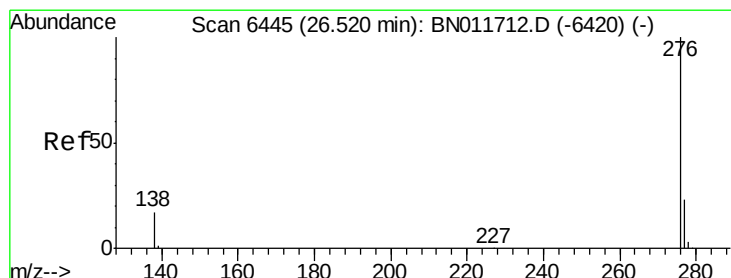
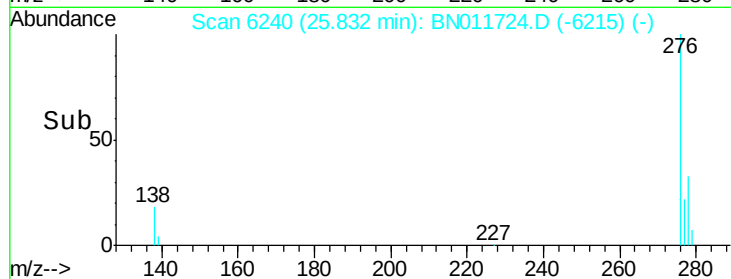
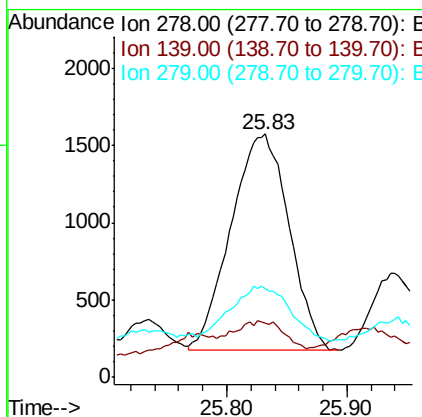
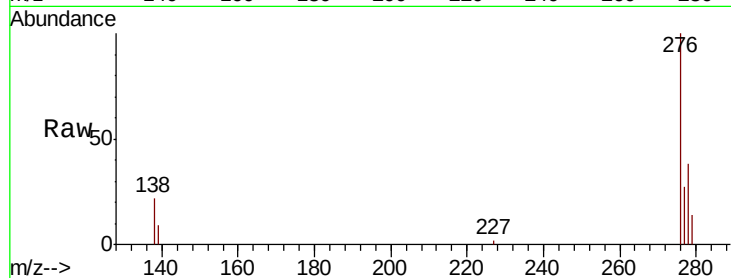
#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Instrument :
BNA_N
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	12.1	18.1#
279	36.4	22.9	34.3#

Manual Integrations
APPROVED

mohammad
9/8/2020 1:47:43 PM



#26
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 26.51 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BN011724.D
Acq: 05 Sep 2020 05:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.8	23.6
277	25.7	20.6	31.0

