

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012727.D
 Acq On : 24 Nov 2020 21:39
 Operator : CG/JU
 Sample : L4751-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY6

Manual Integrations
 APPROVED

mohammad
 11/25/2020 1:21:22 PM

Quant Time: Nov 25 03:21:34 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 Nov 25 01:45:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2058	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4094	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3203	0.40	ng/ul	0.00
20) Perylene-d12	23.17	264	3528	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	822	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1798	0.17	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	1885	0.132	ng/ul	98
13) Anthracene	16.98	178	338	0.027	ng/ul#	66
15) Fluoranthene	18.92	202	5690	0.346	ng/ul	97
17) Pyrene	19.28	202	5576	0.389	ng/ul#	94
18) Benzo(a)anthracene	21.05	228	2355	0.205	ng/ul	95
19) Chrysene	21.10	228	3052	0.213	ng/ul	95
21) Benzo(b)fluoranthene	22.55	252	4269m	0.263	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	1563m	0.084	ng/ul	
23) Benzo(a)pyrene	23.08	252	2789	0.183	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.26	276	2113	0.106	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.26	278	458	0.029	ng/ul#	11
26) Benzo(g,h,i)perylene	25.89	276	2014	0.112	ng/ul#	87

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

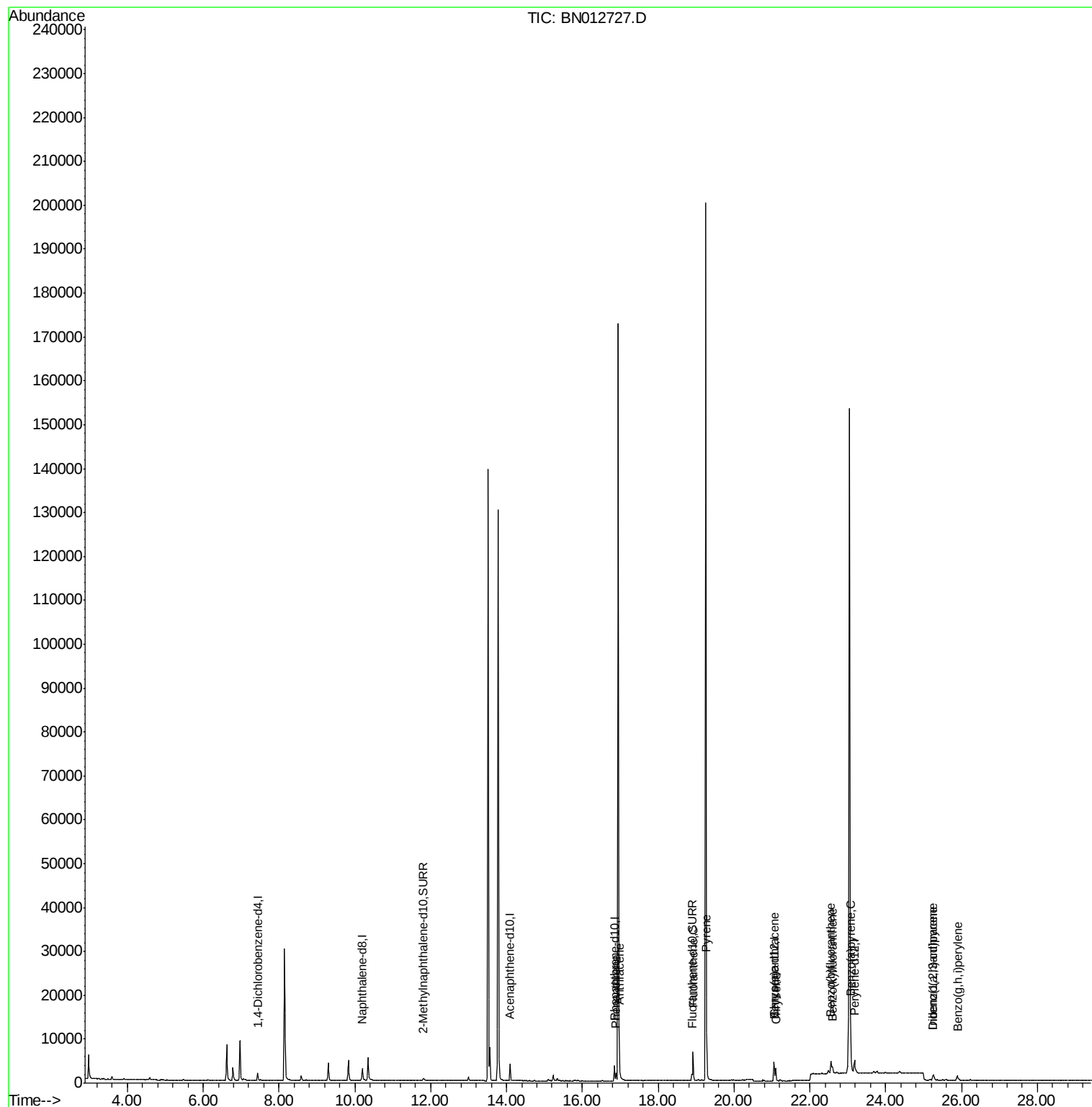
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012727.D
Acq On : 24 Nov 2020 21:39
Operator : CG/JU
Sample : L4751-23
Misc :
ALS Vial : 19 Sample Multiplier: 1

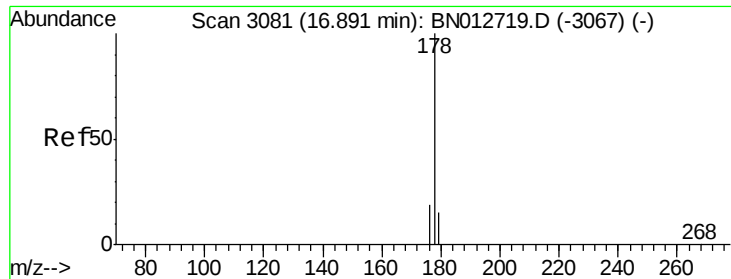
Instrument :
BNA_N
ClientSampleId :
C0AY6

Quant Time: Nov 25 03:21:34 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 Nov 25 01:45:20 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:22 PM





#12

Phenanthrene

Concen: 0.132 ng/ul

RT: 16.89 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

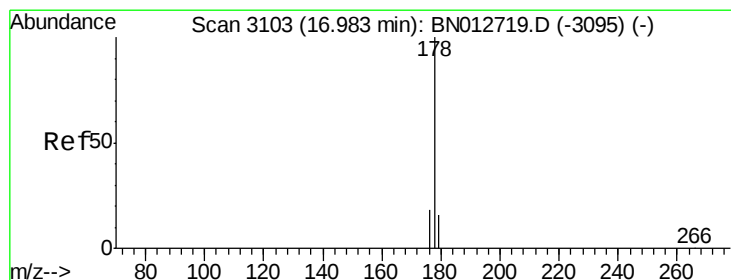
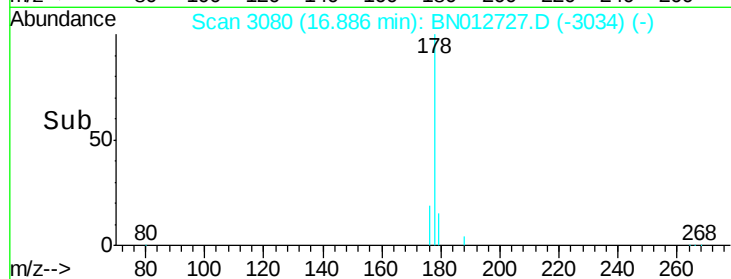
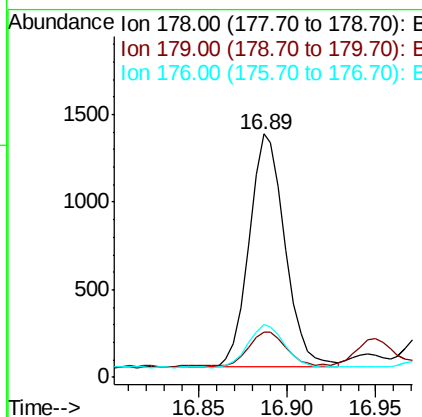
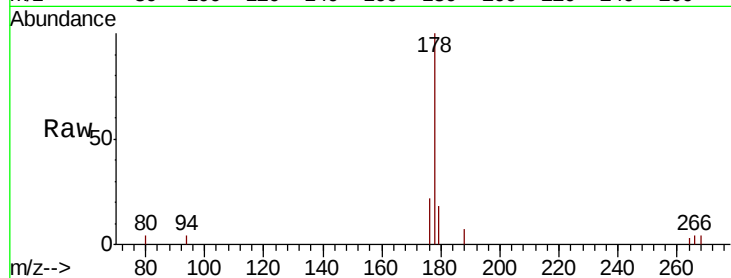
ClientSampleId :

C0AY6

Tot Ion:	178	Resp:	1885
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.8	20.6
176	21.8	16.7	25.1

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:22 PM



#13

Anthracene

Concen: 0.027 ng/ul

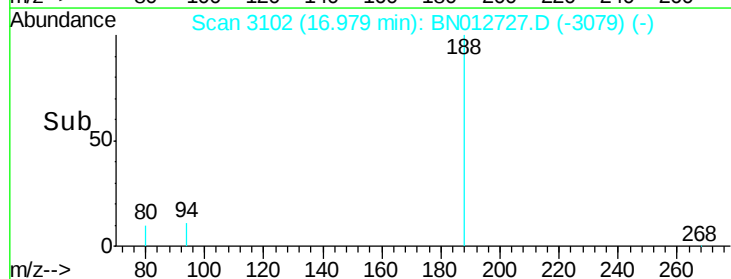
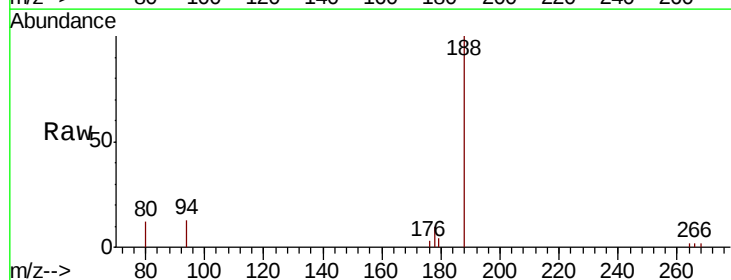
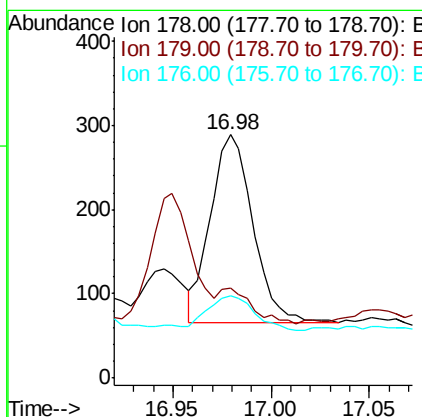
RT: 16.98 min Scan# 3102

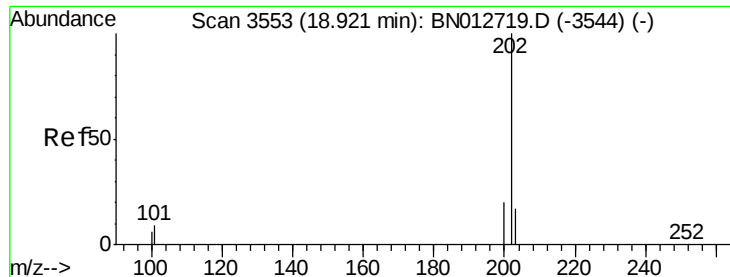
Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Tgt Ion:	178	Resp:	338
Ion Ratio	Lower	Upper	
178	100		
179	36.7	14.8	22.2#
176	33.6	16.3	24.5#





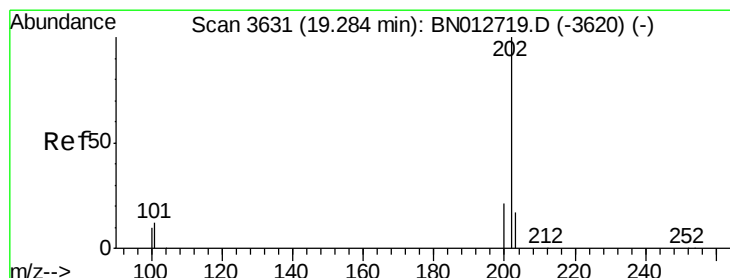
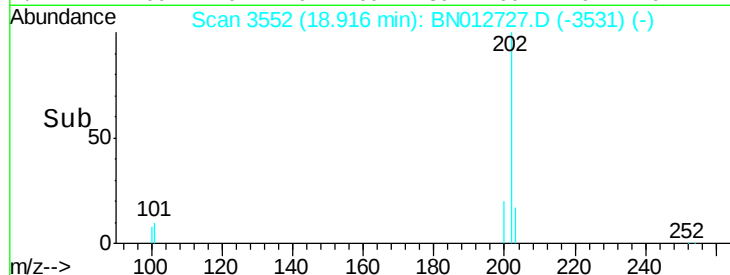
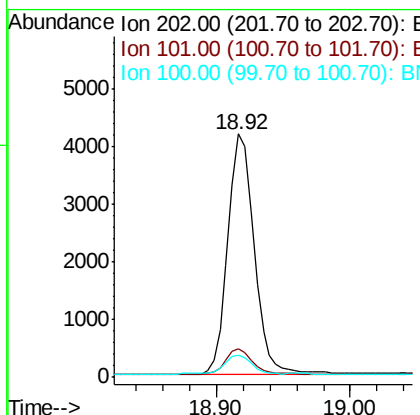
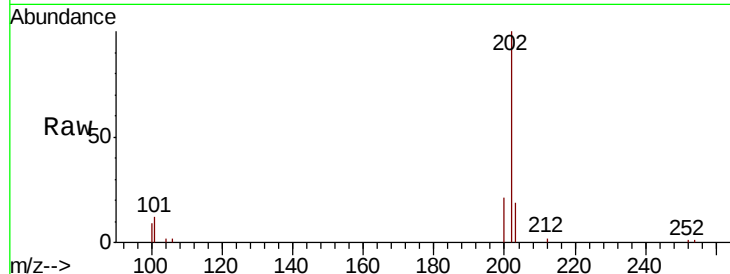
#15
Fluoranthene
Concen: 0.346 ng/ul
RT: 18.92 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Instrument :
BNA_N
ClientSampleId :
C0AY6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	5690		
101	11.7		0.0	30.5
100	9.1		0.0	28.4

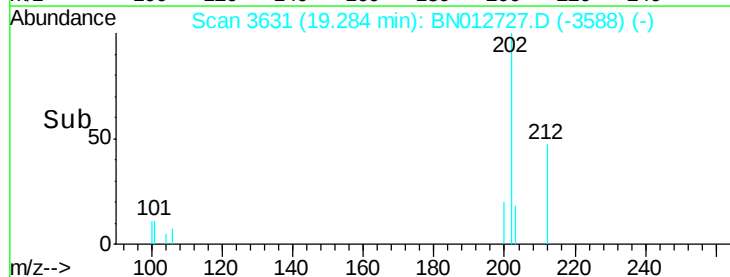
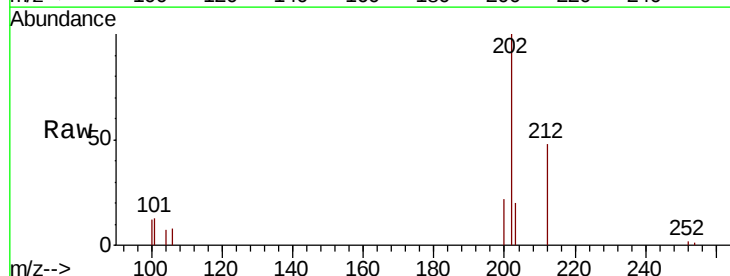
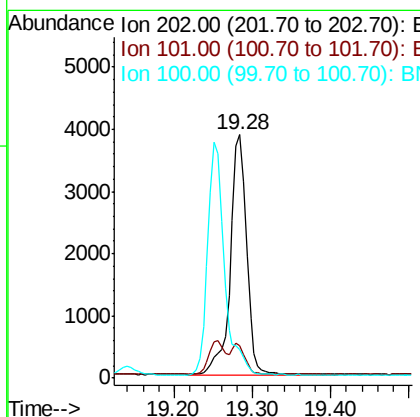
Manual Integrations
APPROVED

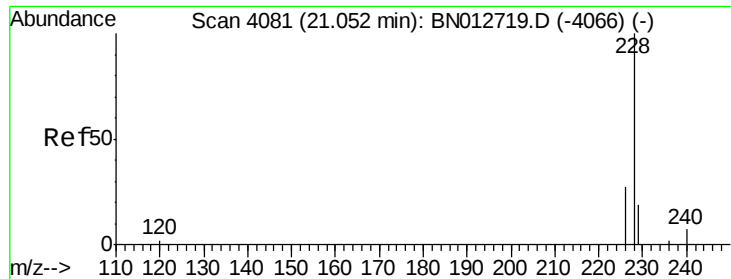
mohammad
11/25/2020 1:21:22 PM



#17
Pyrene
Concen: 0.389 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. 0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5576		
101	13.3		8.9	13.3
100	11.7		7.4	11.2#





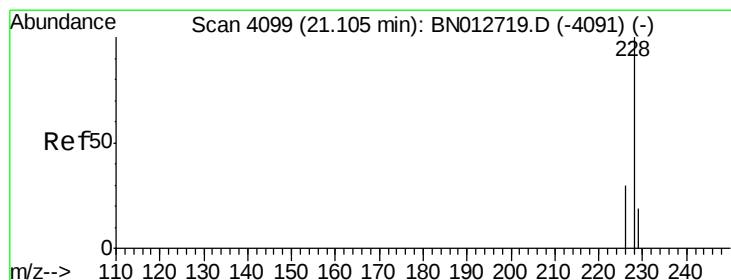
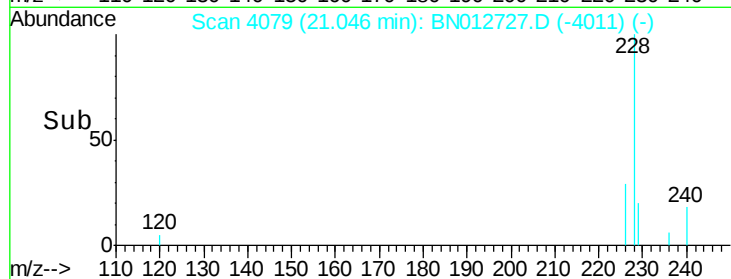
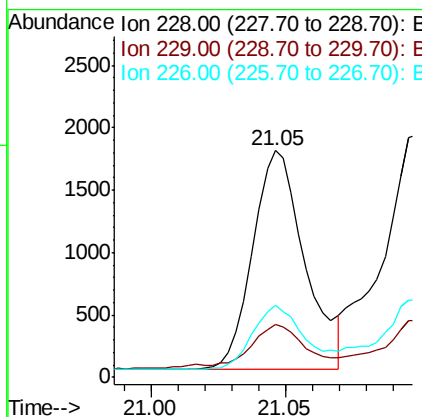
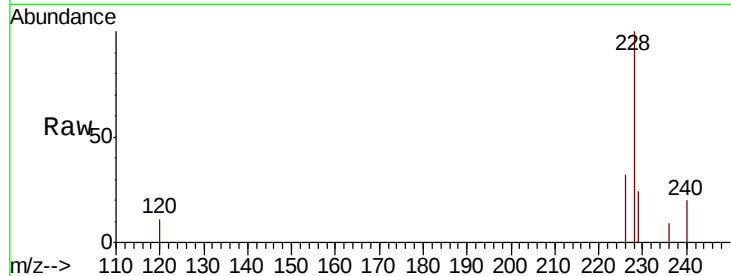
#18
Benzo(a)anthracene
Concen: 0.205 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Instrument :
BNA_N
ClientSampleId :
C0AY6

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.9	25.3
226	31.8	23.1	34.7

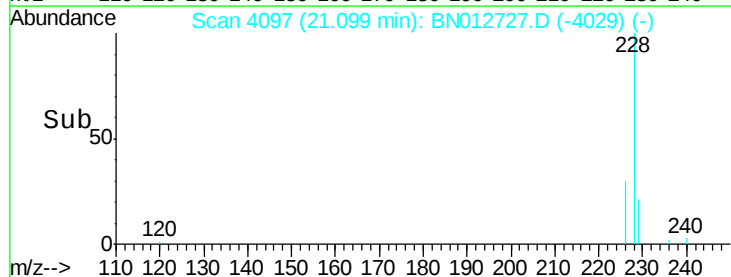
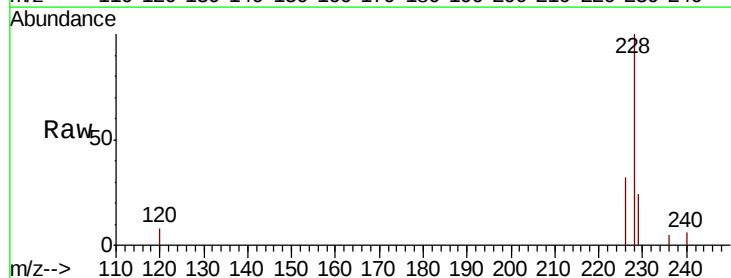
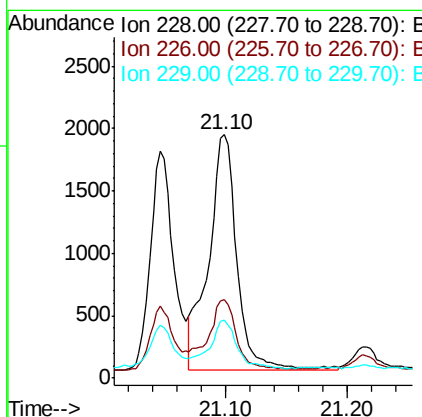
Manual Integrations
APPROVED

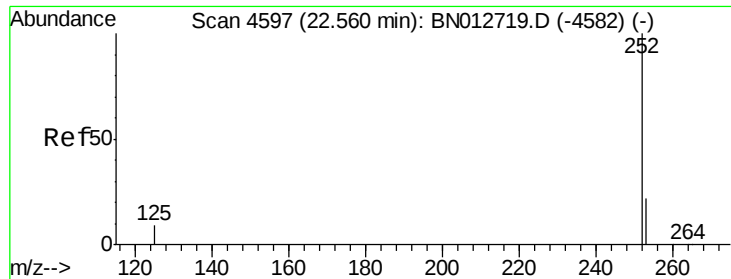
mohammad
11/25/2020 1:21:22 PM



#19
Chrysene
Concen: 0.213 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.4	36.6
229	23.9	16.1	24.1





#21

Benzo(b)fluoranthene

Concen: 0.263 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Instrument :

BNA_N

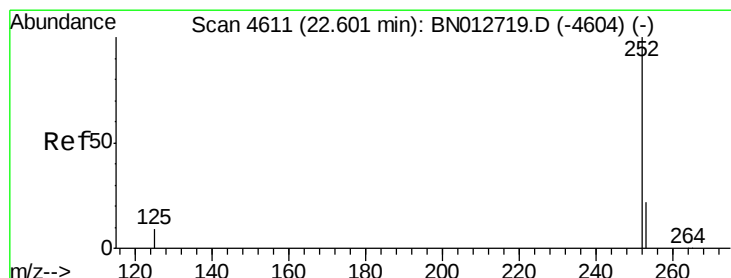
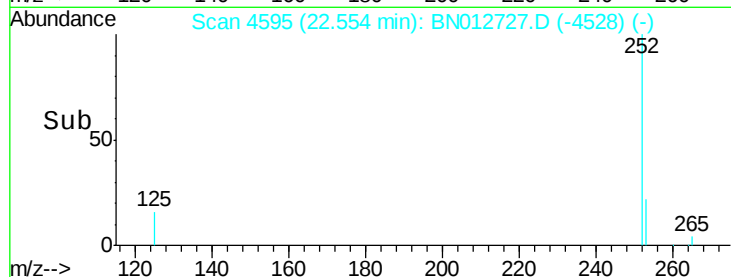
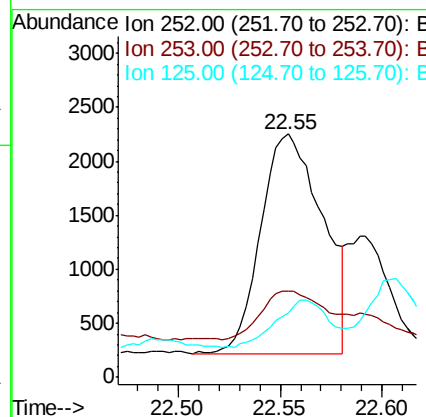
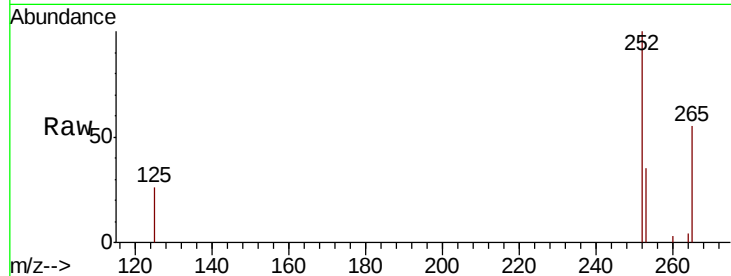
ClientSampleId :

C0AY6

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.5	0.0	58.4
125	26.4	0.0	28.6

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:22 PM



#22

Benzo(k)fluoranthene

Concen: 0.084 ng/ul m

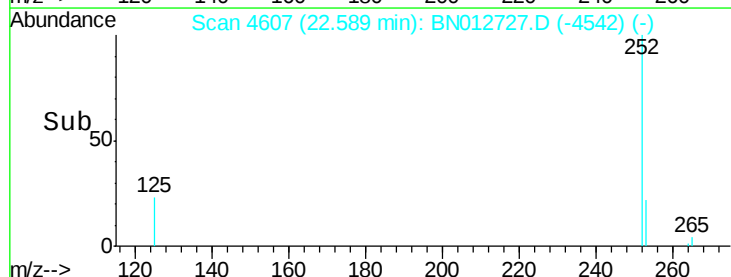
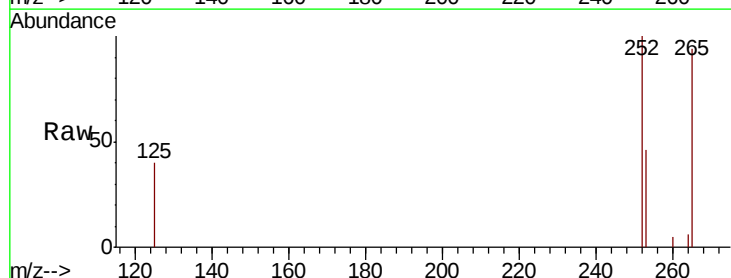
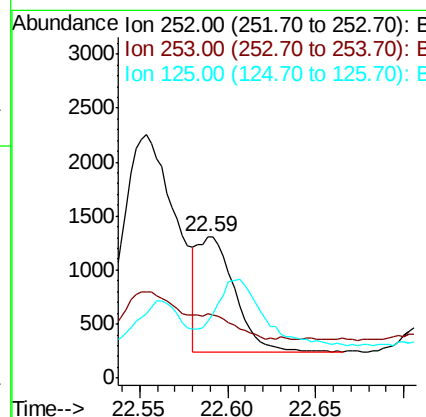
RT: 22.59 min Scan# 4607

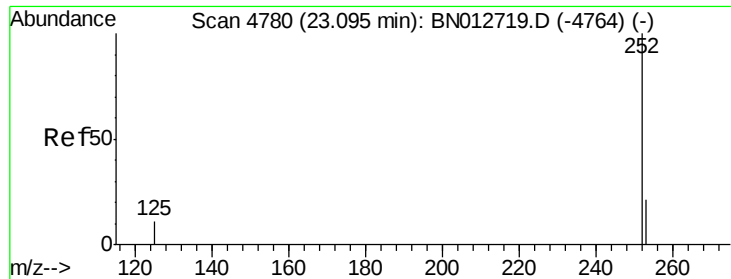
Delta R.T. -0.01 min

Lab File: BN012727.D

Acq: 24 Nov 2020 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.5	23.4	35.2#
125	40.2	10.2	15.2#





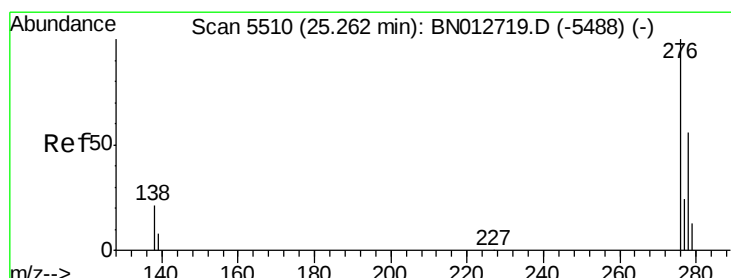
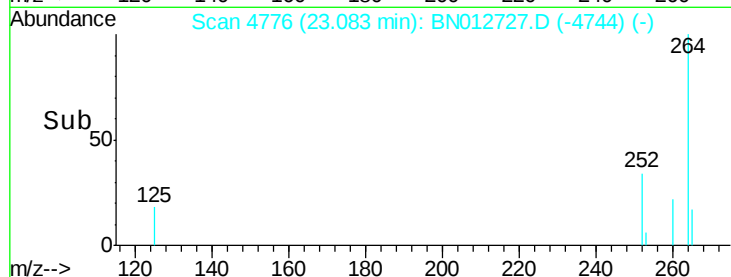
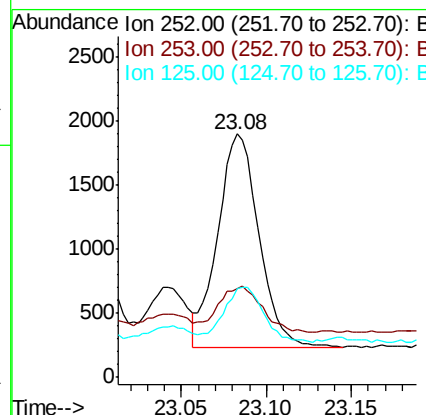
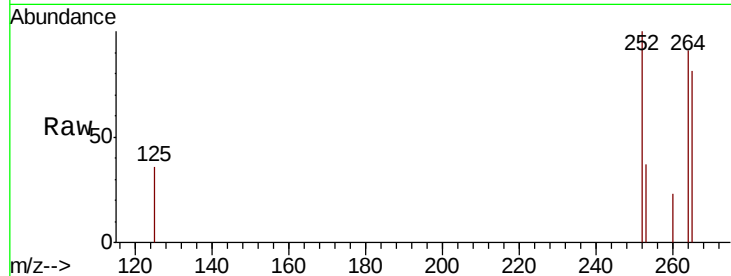
#23
Benzo(a)pyrene
Concen: 0.183 ng/u1
RT: 23.08 min Scan# 4776
Delta R.T. -0.01 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Instrument :
BNA_N
ClientSampleId :
C0AY6

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	27.6	41.4
125	36.5	17.0	25.4#

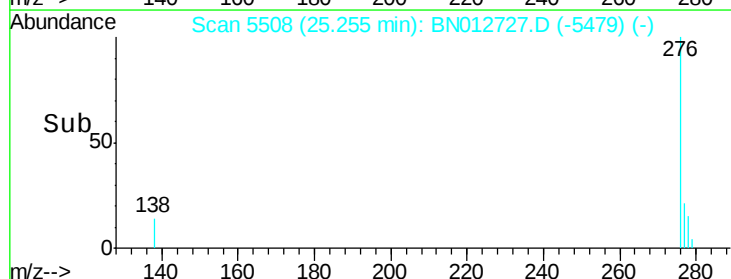
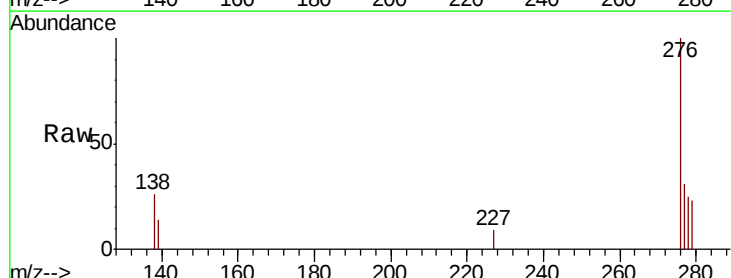
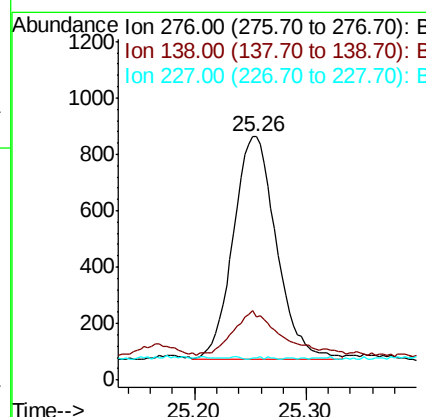
Manual Integrations
APPROVED

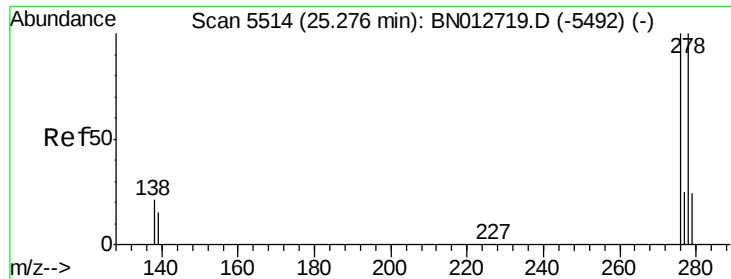
mohammad
11/25/2020 1:21:22 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/u1
RT: 25.26 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.5	24.7
227	0.2	0.1	0.1#





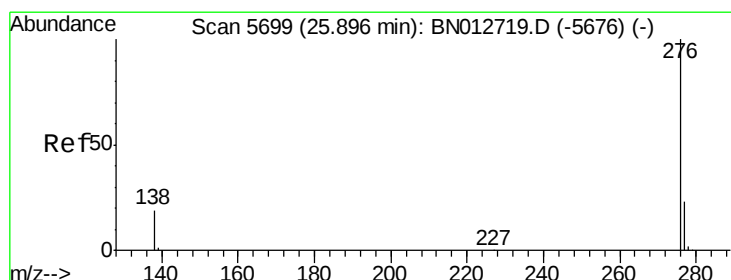
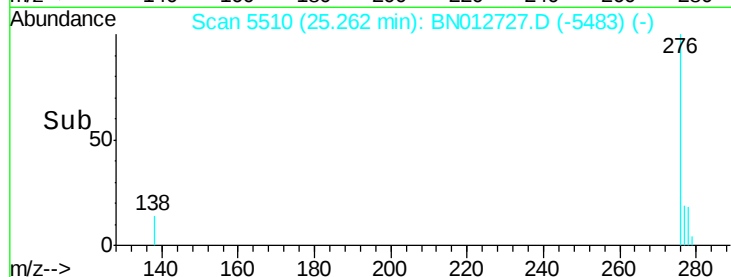
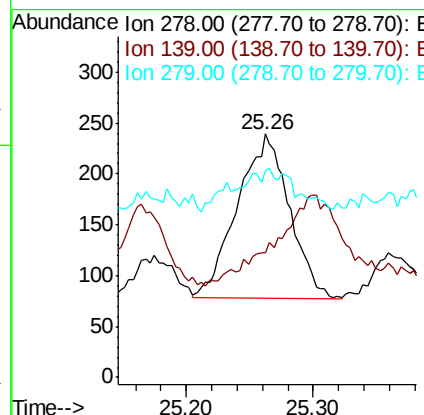
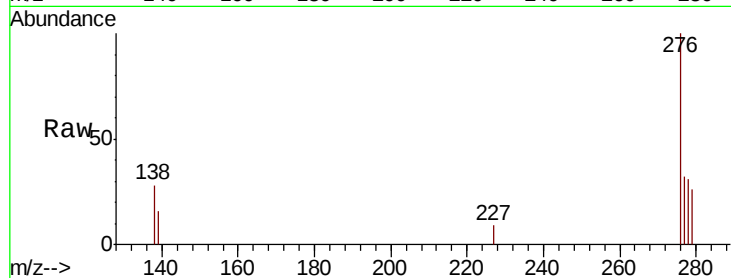
#25
Dibenzo(a,h)anthracene
Concen: 0.029 ng/u1
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Instrument :
BNA_N
ClientSampleId :
C0AY6

Tot Ion	Ratio	Lower	Upper
278	100		
139	51.0	13.8	20.8#
279	84.9	25.6	38.4#

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:22 PM



#26
Benzo(g,h,i)perylene
Concen: 0.112 ng/u1
RT: 25.89 min Scan# 5696
Delta R.T. -0.00 min
Lab File: BN012727.D
Acq: 24 Nov 2020 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	16.3	24.5#
277	32.5	21.8	32.8

