

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012946.D
 Acq On : 07 Dec 2020 19:19
 Operator : CG/JU
 Sample : L4859-03DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B93DL

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:21:26 PM

Quant Time: Dec 08 00:35:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 08 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	877	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	3573	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2024	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4245	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3596	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3640	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	425	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	986	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	299	0.029	ng/ul#	65
5) 2-Methylnaphthalene	11.84	142	169	0.025	ng/ul	96
7) Acenaphthylene	13.77	152	433	0.045	ng/ul#	79
8) Acenaphthene	14.12	153	179	0.023	ng/ul#	91
9) Fluorene	15.11	166	215	0.024	ng/ul#	92
12) Phenanthrene	16.85	178	6376	0.448	ng/ul	99
13) Anthracene	16.94	178	1053	0.087	ng/ul#	91
15) Fluoranthene	18.88	202	18041	1.067	ng/ul	98
17) Pyrene	19.25	202	17146	1.009	ng/ul	99
18) Benzo(a)anthracene	21.02	228	7661	0.515	ng/ul	99
19) Chrysene	21.07	228	9687	0.589	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	13266m	0.788	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4955m	0.266	ng/ul	
23) Benzo(a)pyrene	23.04	252	8468	0.542	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.19	276	5711	0.278	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1348	0.083	ng/ul#	75
26) Benzo(a,h,i)perylene	25.82	276	5191	0.280	ng/ul	99

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

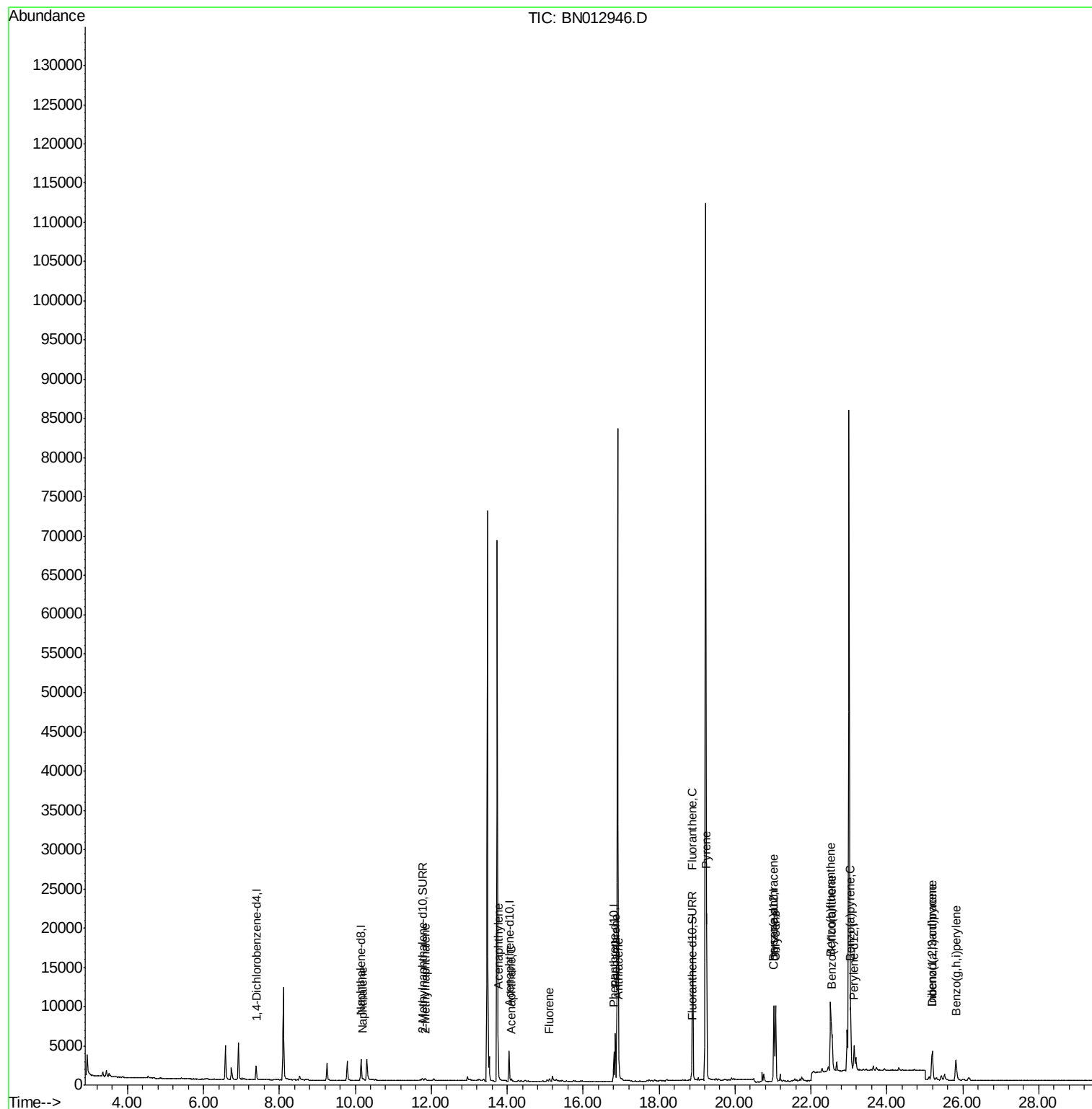
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012946.D
Acq On : 07 Dec 2020 19:19
Operator : CG/JU
Sample : L4859-03DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

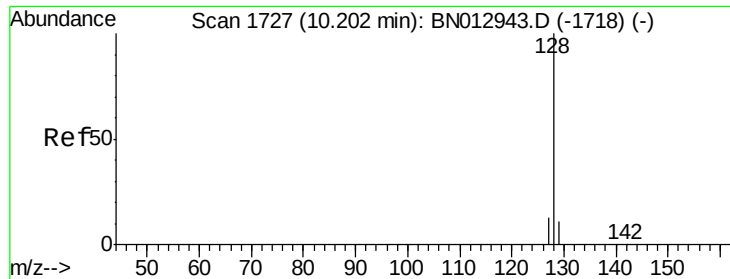
Instrument :
BNA_N
ClientSampleId :
C0B93DL

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM

Quant Time: Dec 08 00:35:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

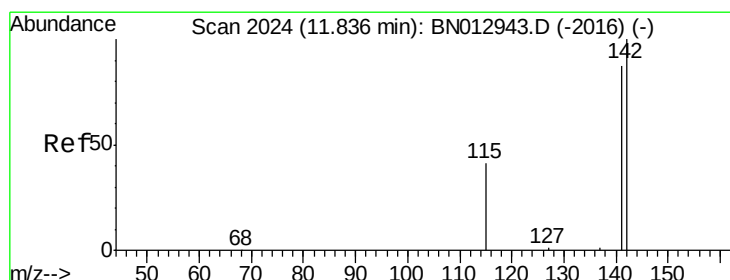
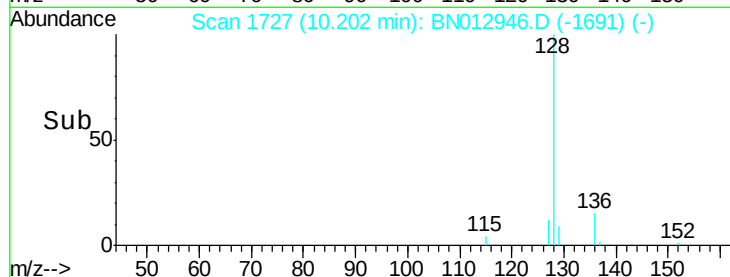
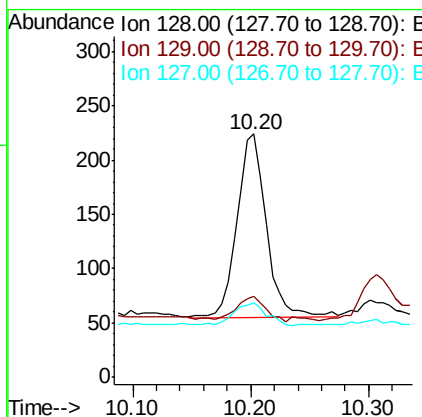
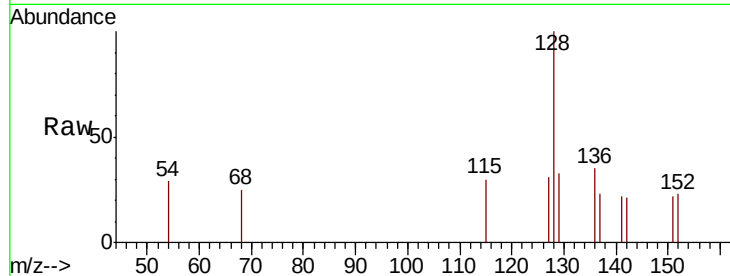
ClientSampleId :

C0B93DL

Tot Ion:	128	Resp:	299
Ion Ratio	Lower	Upper	
128	100		
129	33.0	12.3	18.5#
127	30.8	14.2	21.4#

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

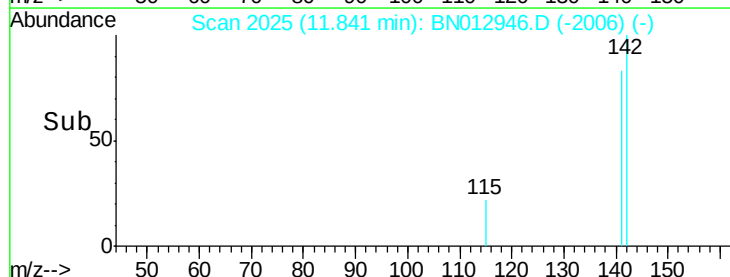
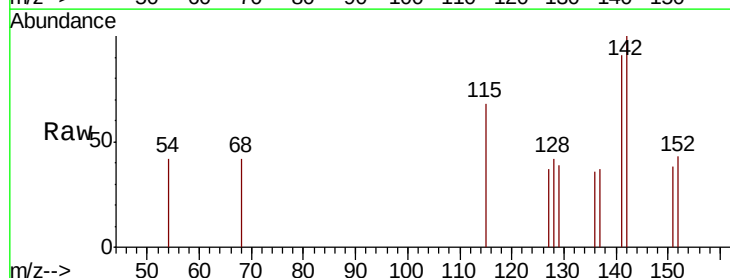
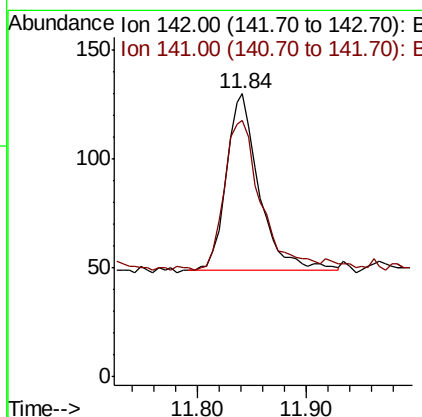
RT: 11.84 min Scan# 2025

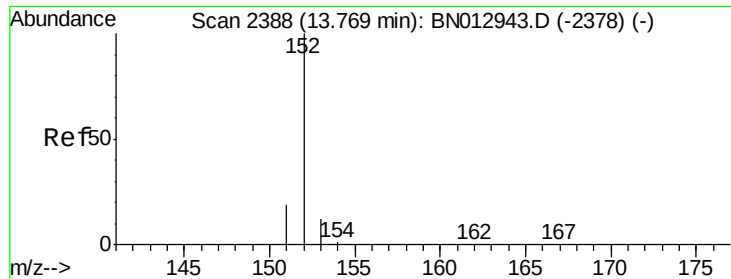
Delta R.T. 0.01 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Tgt Ion:	142	Resp:	169
Ion Ratio	Lower	Upper	
142	100		
141	95.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

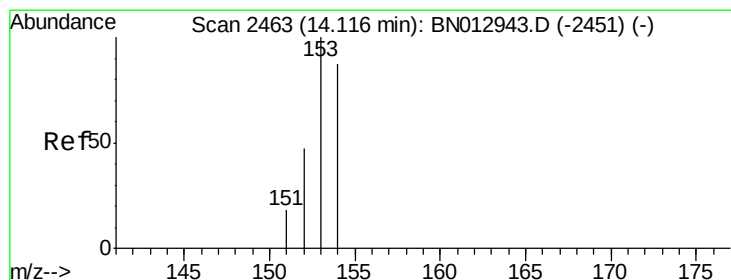
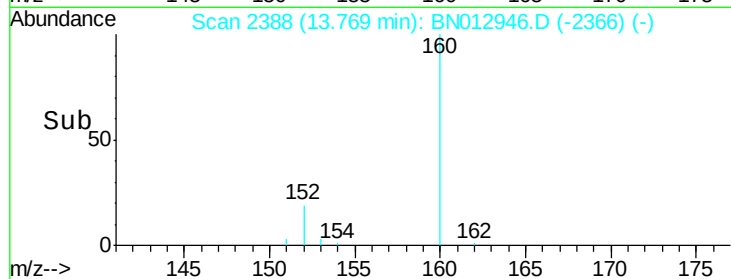
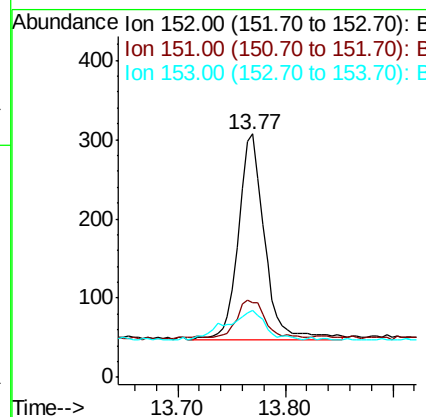
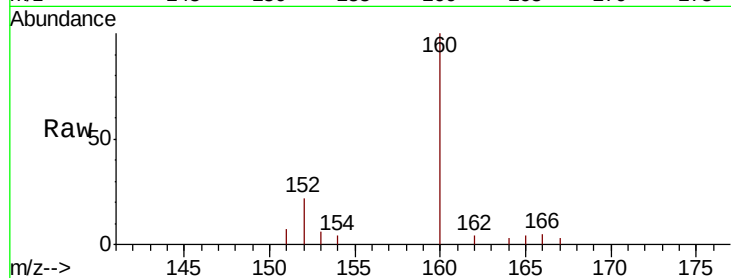
ClientSampleId :

C0B93DL

Tot Ion:	152	Resp:	433
Ion Ratio	Lower	Upper	
152	100		
151	30.9	18.2	27.4#
153	27.7	13.1	19.7#

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#8

Acenaphthene

Concen: 0.023 ng/ul

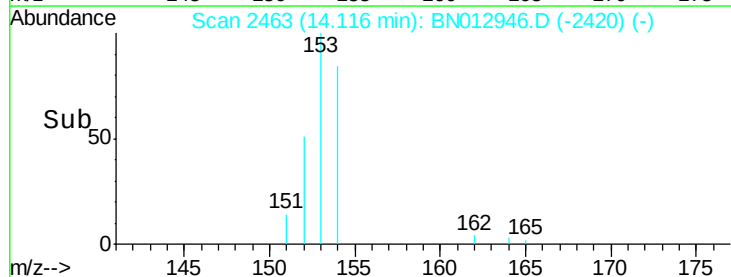
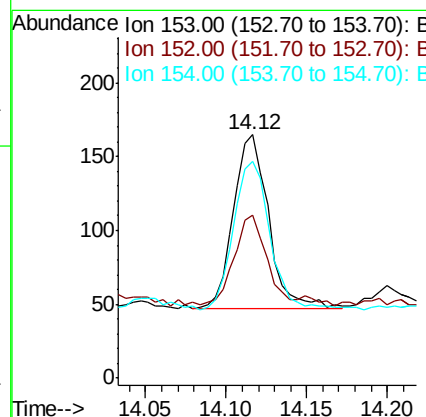
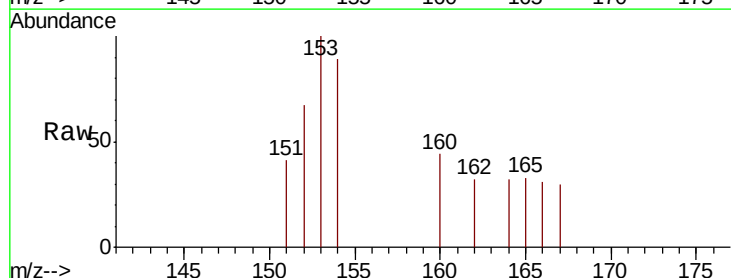
RT: 14.12 min Scan# 2463

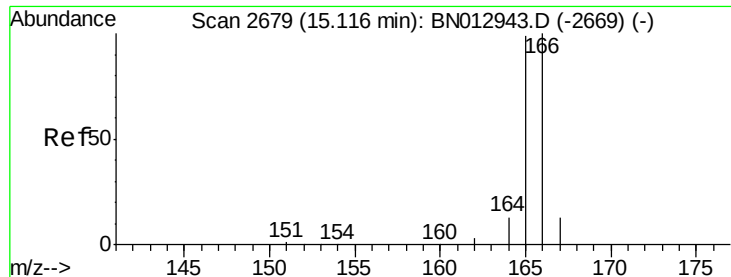
Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Tgt Ion:	153	Resp:	179
Ion Ratio	Lower	Upper	
153	100		
152	66.7	40.7	61.1#
154	89.1	70.8	106.2





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

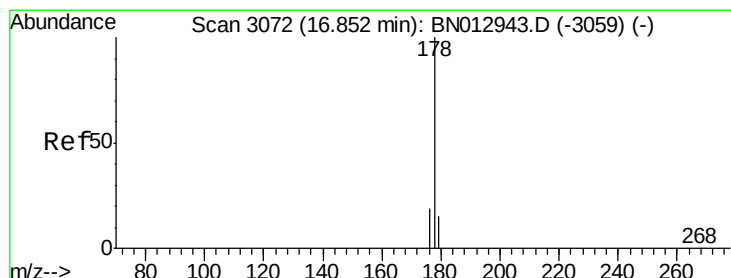
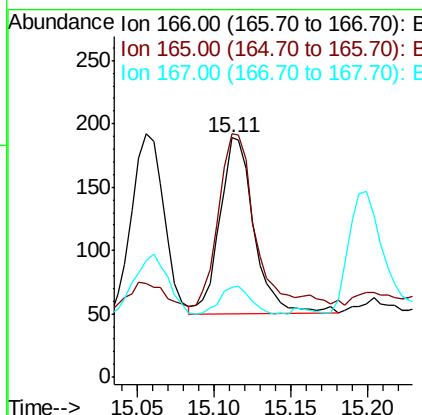
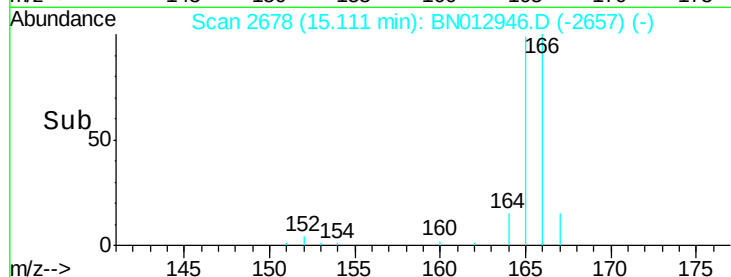
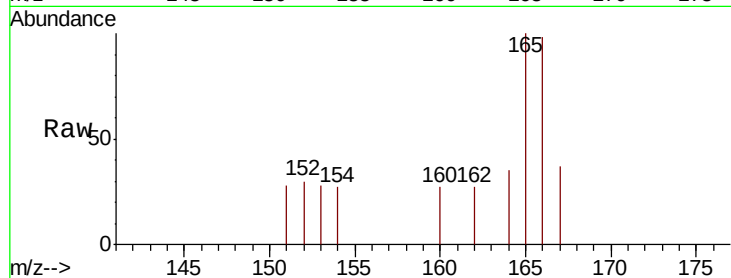
ClientSampleId :

C0B93DL

Tot Ion:	166	Resp:	215
Ion Ratio	Lower	Upper	
166	100		
165	101.6	79.8	119.8
167	37.6	13.8	20.8

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#12

Phenanthrene

Concen: 0.448 ng/ul

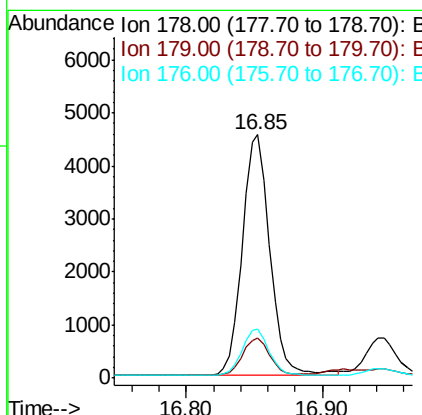
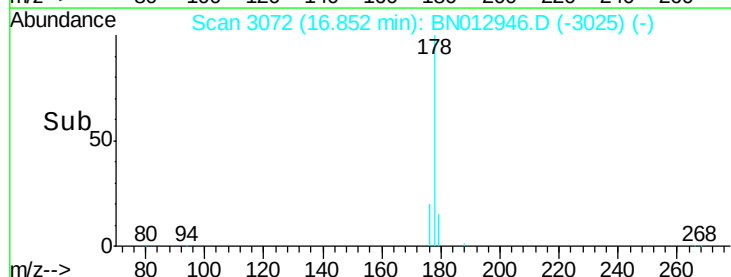
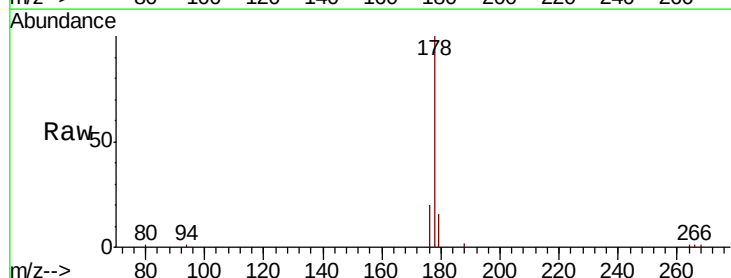
RT: 16.85 min Scan# 3072

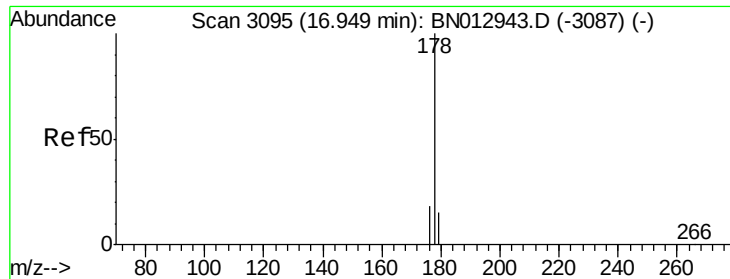
Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Tgt Ion:	178	Resp:	6376
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.6	20.4
176	20.4	16.4	24.6





#13

Anthracene

Concen: 0.087 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

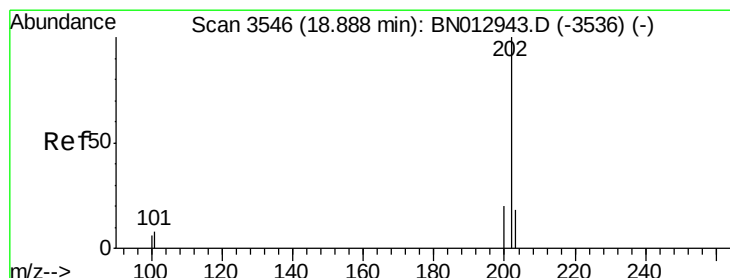
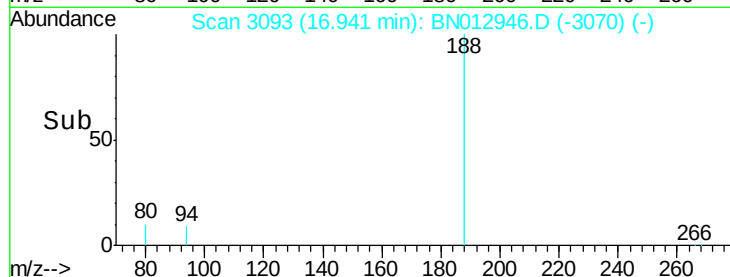
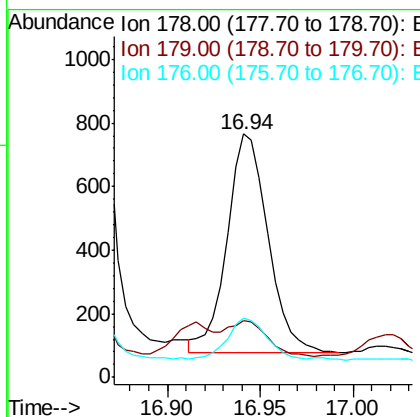
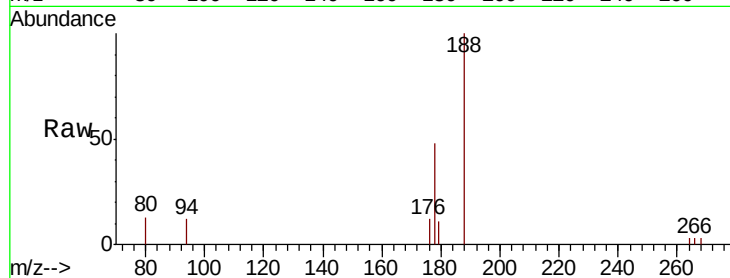
ClientSampleId :

C0B93DL

Tot Ion:	178	Resp:	1053
Ion Ratio	Lower	Upper	
178	100		
179	23.5	14.6	21.8#
176	24.2	17.1	25.7

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#15

Fluoranthene

Concen: 1.067 ng/ul

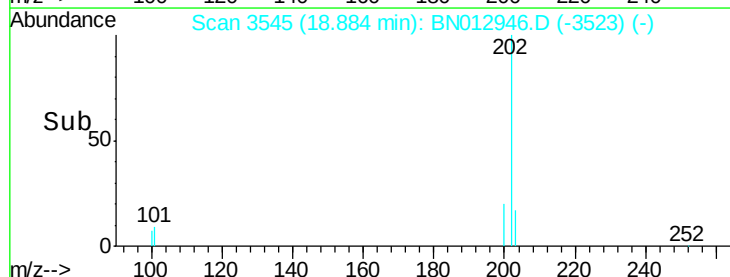
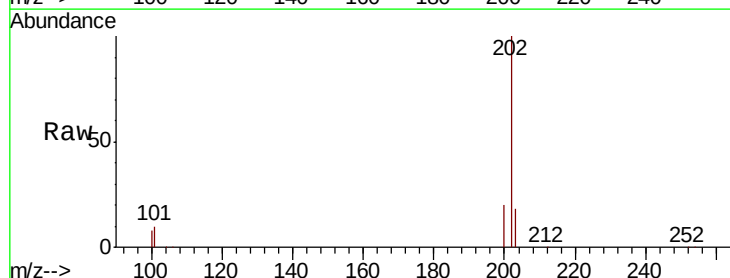
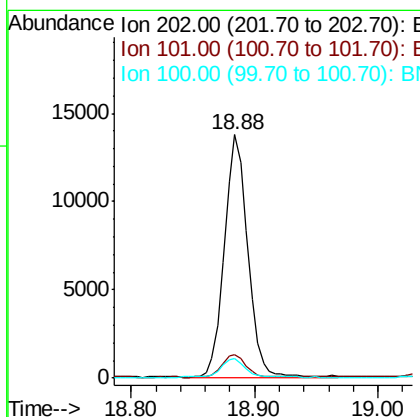
RT: 18.88 min Scan# 3545

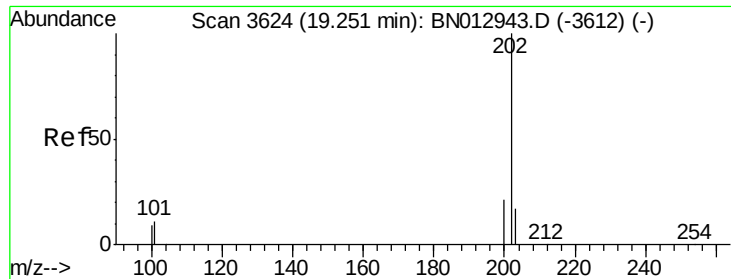
Delta R.T. 0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Tgt Ion:	202	Resp:	18041
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.6
100	7.8	0.0	28.7





#17

Pvrene

Concen: 1.009 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

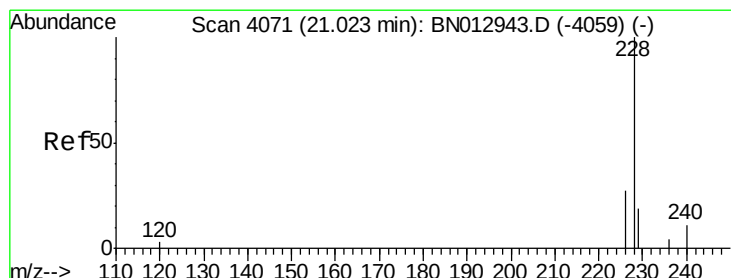
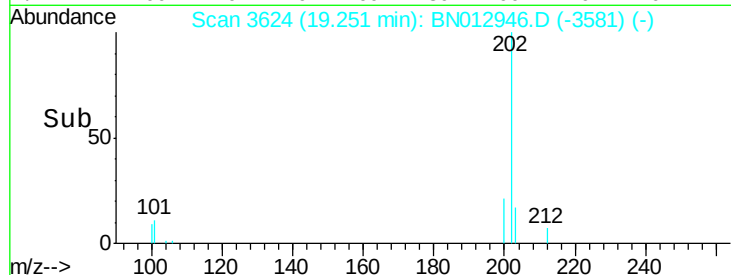
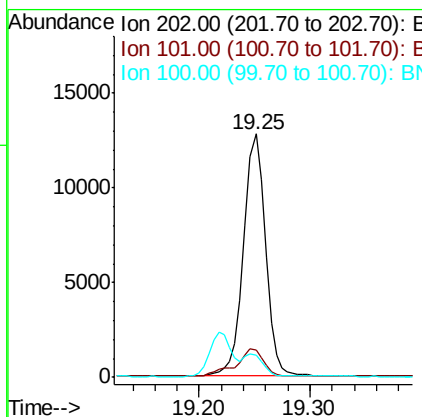
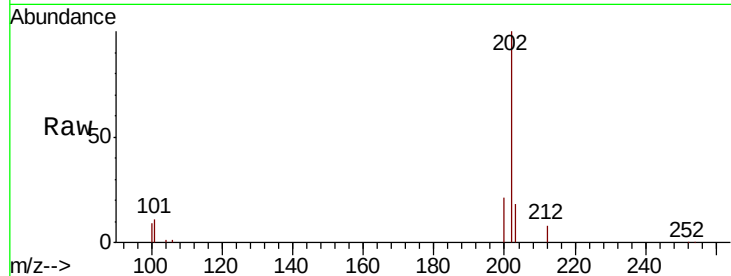
ClientSampleId :

C0B93DL

Tot Ion:	202	Resp:	17146
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.1	13.7
100	9.2	7.5	11.3

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#18

Benzo(a)anthracene

Concen: 0.515 ng/ul

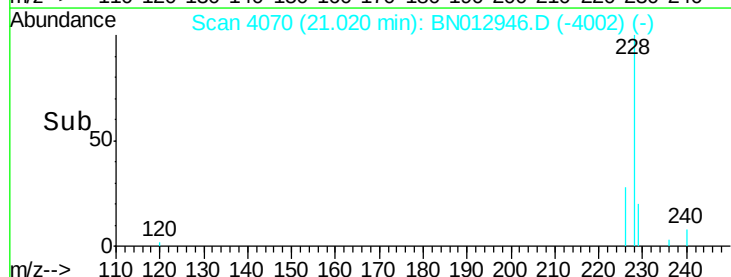
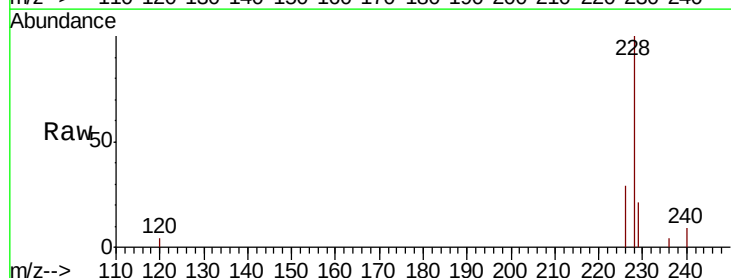
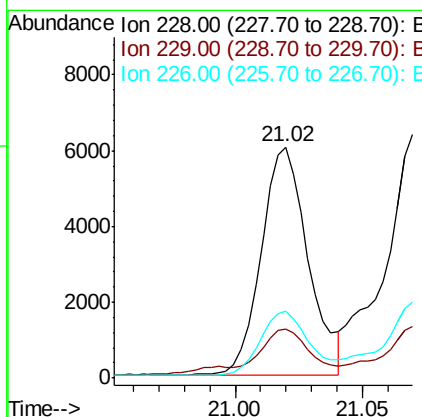
RT: 21.02 min Scan# 4070

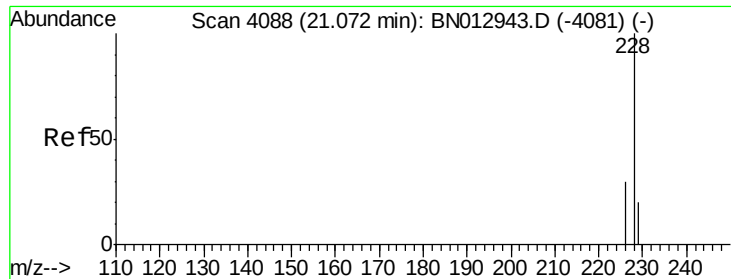
Delta R.T. 0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Tgt Ion:	228	Resp:	7661
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.3	24.5
226	28.8	23.4	35.2





#19

Chrysene

Concen: 0.589 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

Instrument :

BNA_N

ClientSampleId :

C0B93DL

Tot Ion:228 Resp: 9687

Ion Ratio Lower Upper

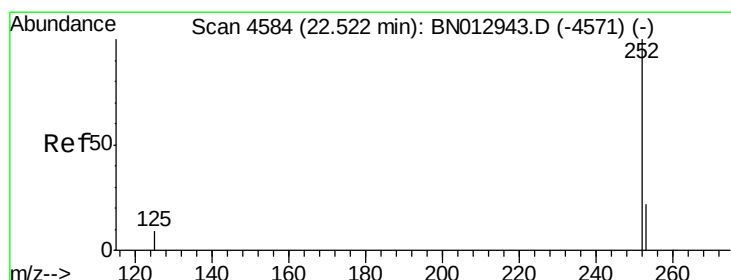
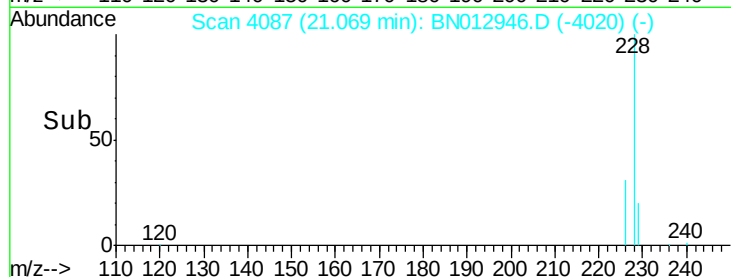
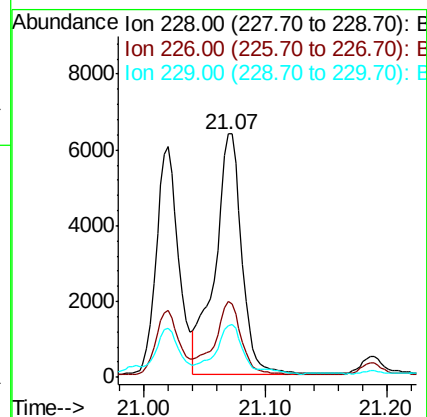
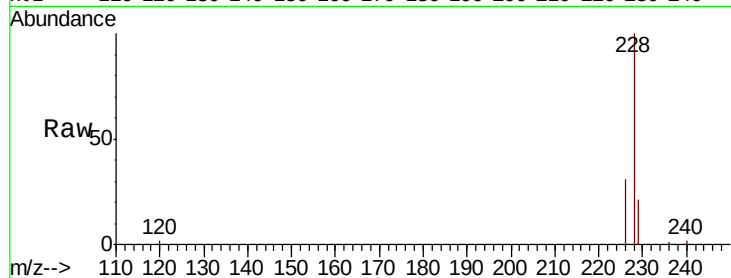
228 100

226 31.4 25.0 37.6

229 21.4 16.4 24.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



#21

Benzo(b)fluoranthene

Concen: 0.788 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012946.D

Acq: 07 Dec 2020 19:19

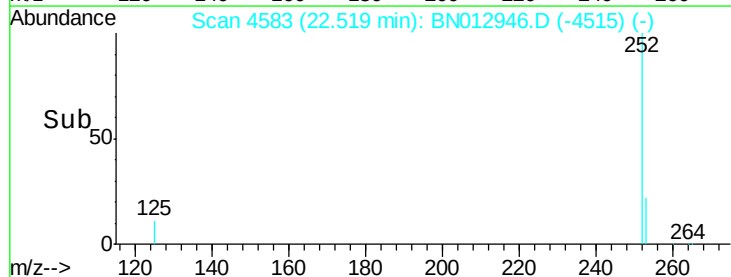
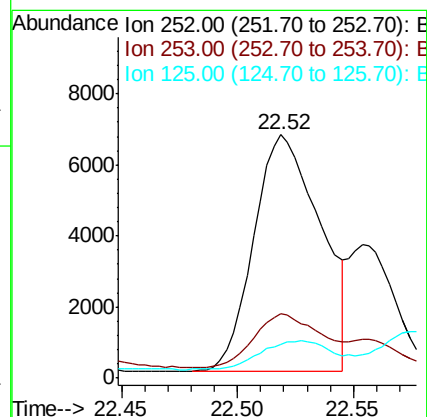
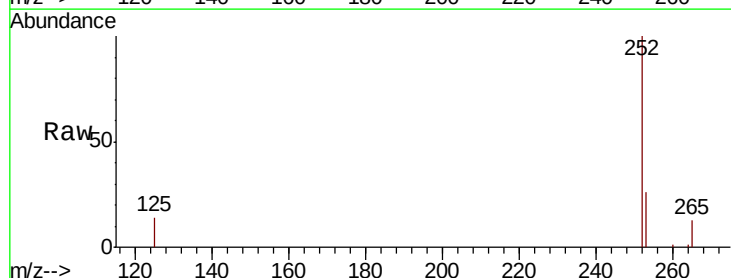
Tgt Ion:252 Resp: 13266

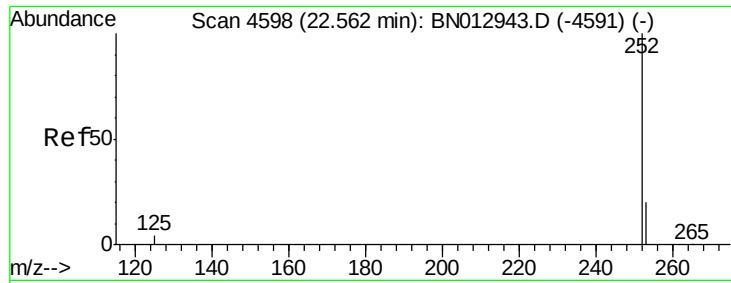
Ion Ratio Lower Upper

252 100

253 26.3 0.0 59.6

125 13.7 0.0 26.0





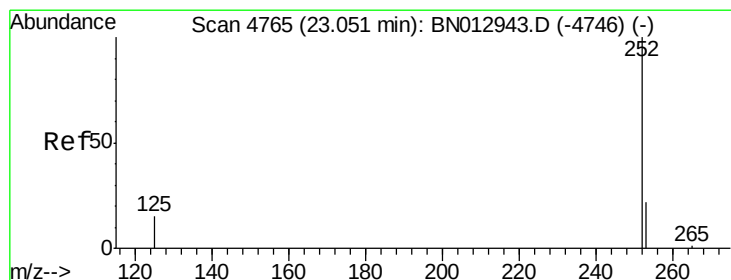
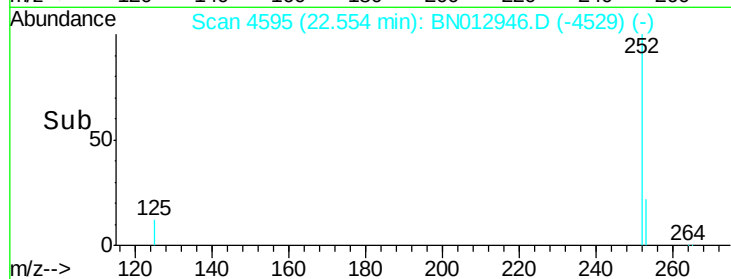
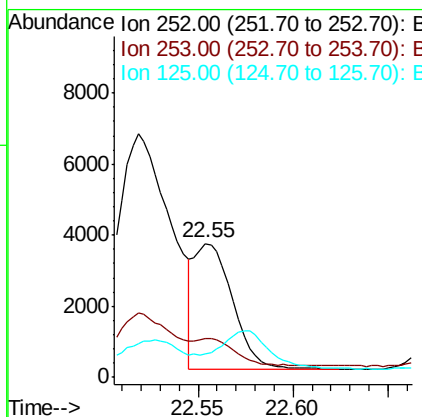
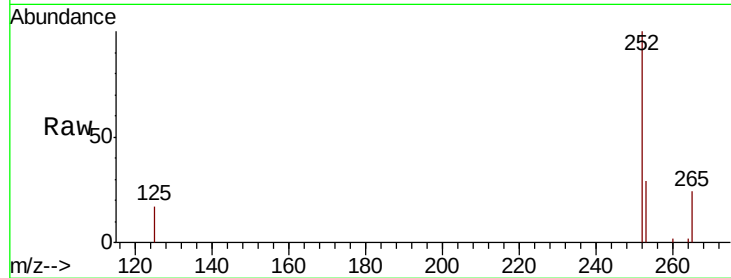
#22
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012946.D
Acq: 07 Dec 2020 19:19

Instrument :
BNA_N
ClientSampleId :
C0B93DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	23.4	35.2
125	17.2	11.1	16.7

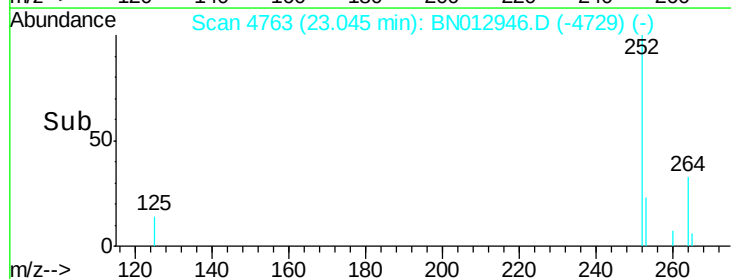
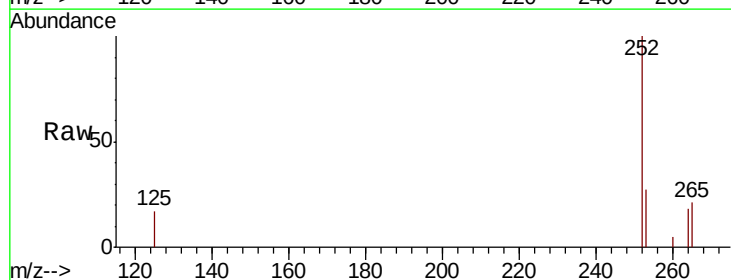
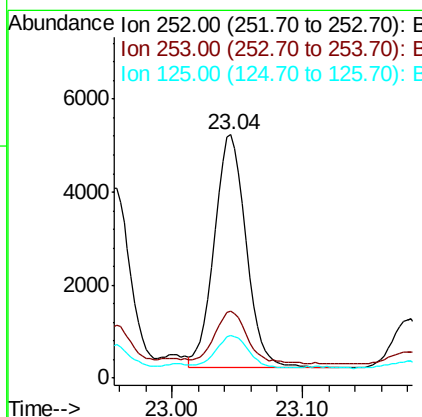
Manual Integrations
APPROVED

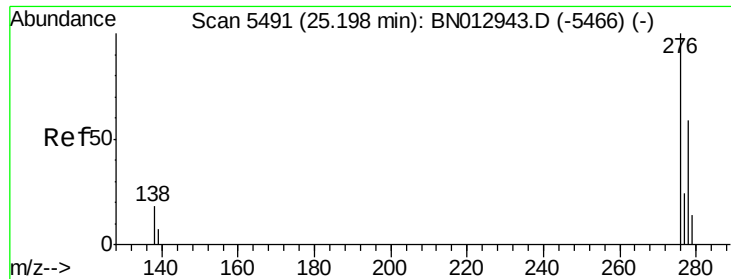
mohammad
12/9/2020 12:21:26 PM



#23
Benzo(a)pyrene
Concen: 0.542 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN012946.D
Acq: 07 Dec 2020 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	26.5	39.7
125	17.3	14.2	21.2





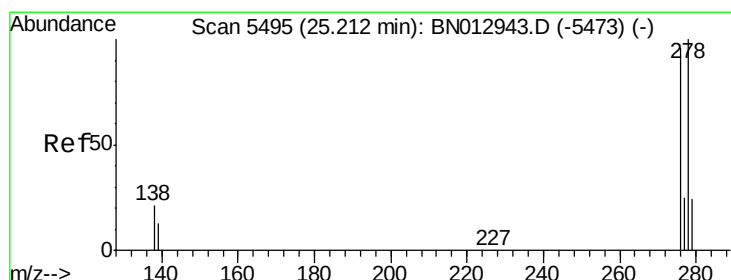
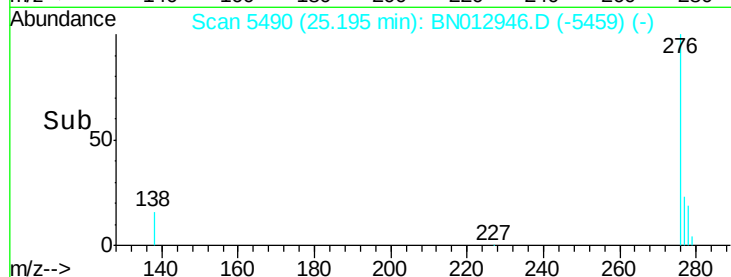
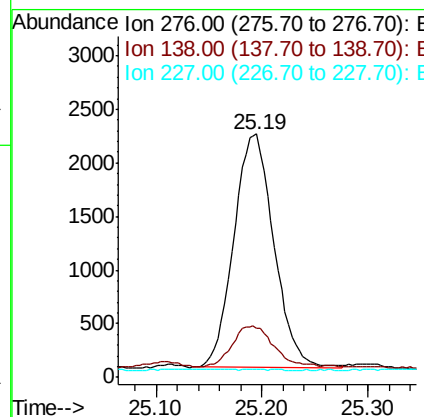
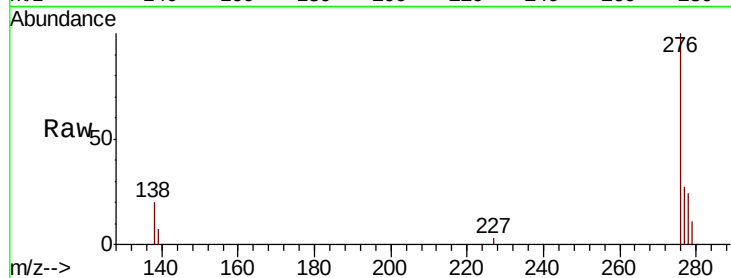
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. 0.00 min
Lab File: BN012946.D
Acq: 07 Dec 2020 19:19

Instrument :
BNA_N
ClientSampleId :
C0B93DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
227	0.1	0.0	0.0

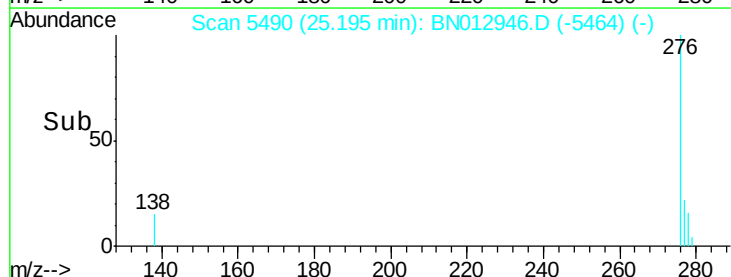
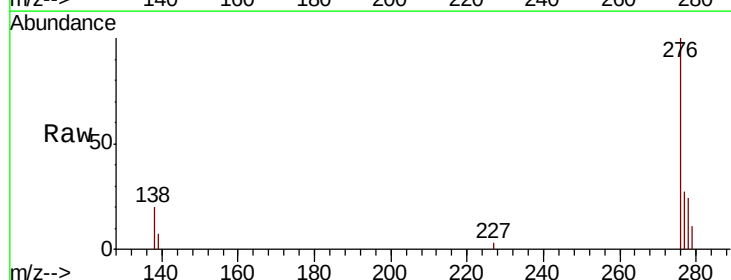
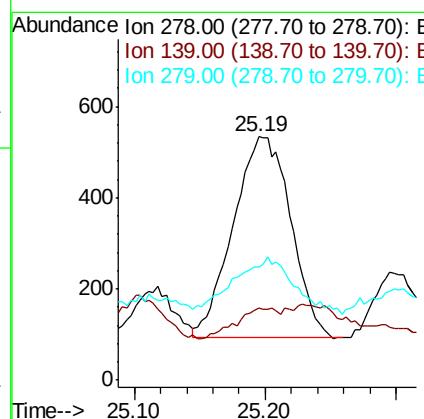
Manual Integrations
APPROVED

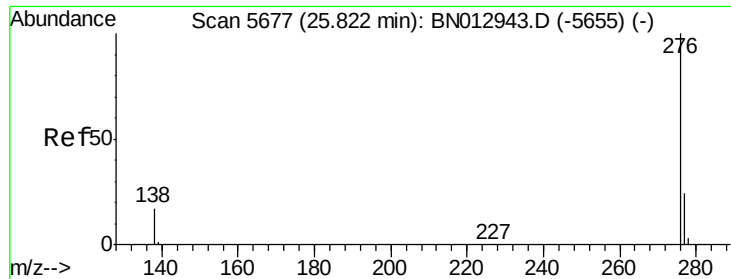
mohammad
12/9/2020 12:21:26 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012946.D
Acq: 07 Dec 2020 19:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.4	14.5	21.7
279	46.6	26.3	39.5





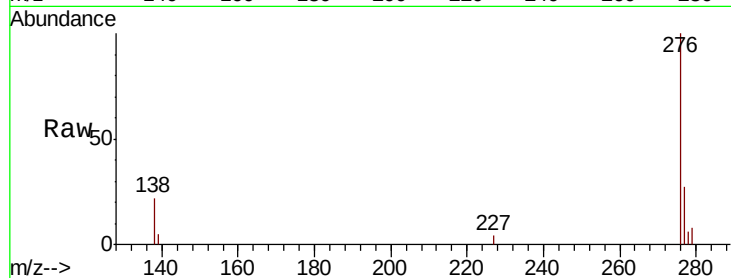
#26
Benzo(a,h,i)perylene
Concen: 0.280 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.00 min
Lab File: BN012946.D
Acq: 07 Dec 2020 19:19

Instrument :
BNA_N
ClientSampleId :
C0B93DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.3	24.5
277	27.2	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:21:26 PM



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

