

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 C0AE8

Manual Integrations
APPROVED
 mohammad
 12/22/2020 12:07:28 PM

Quant Time: Dec 21 01:26:31 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2824	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.00	164	1621	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3096m	0.40	ng/ul	-0.02
16) Chrysene-d12	20.99	240	2140	0.40	ng/ul	-0.01
20) Perylene-d12	23.07	264	2449	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	998	0.24	ng/ul	-0.03
14) Fluoranthene-d10	18.80	212	2036	0.24	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.14	128	23978	2.934	ng/ul#	90
5) 2-Methylnaphthalene	11.77	142	18922	3.525	ng/ul	99
7) Acenaphthylene	13.71	152	12773	1.665	ng/ul	97
8) Acenaphthene	14.06	153	4493	0.714	ng/ul	98
9) Fluorene	15.06	166	7374	1.021	ng/ul	98
12) Phenanthrene	16.80	178	139326	13.422	ng/ul	97
13) Anthracene	16.89	178	33086	3.745	ng/ul	95
15) Fluoranthene	18.84	202	320496	25.982	ng/ul	99
17) Pyrene	19.20	202	265064	26.223	ng/ul	98
18) Benzo(a)anthracene	20.98	228	183996	20.781	ng/ul	99
19) Chrysene	21.03	228	175297	17.919	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	280051m	24.718	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	102570m	8.190	ng/ul	
23) Benzo(a)pyrene	22.99	252	194729m	18.523	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	143337	10.380	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.11	278	35523	3.252	ng/ul	94
26) Benzo(a,h,i)perylene	25.73	276	111993	8.966	ng/ul	96

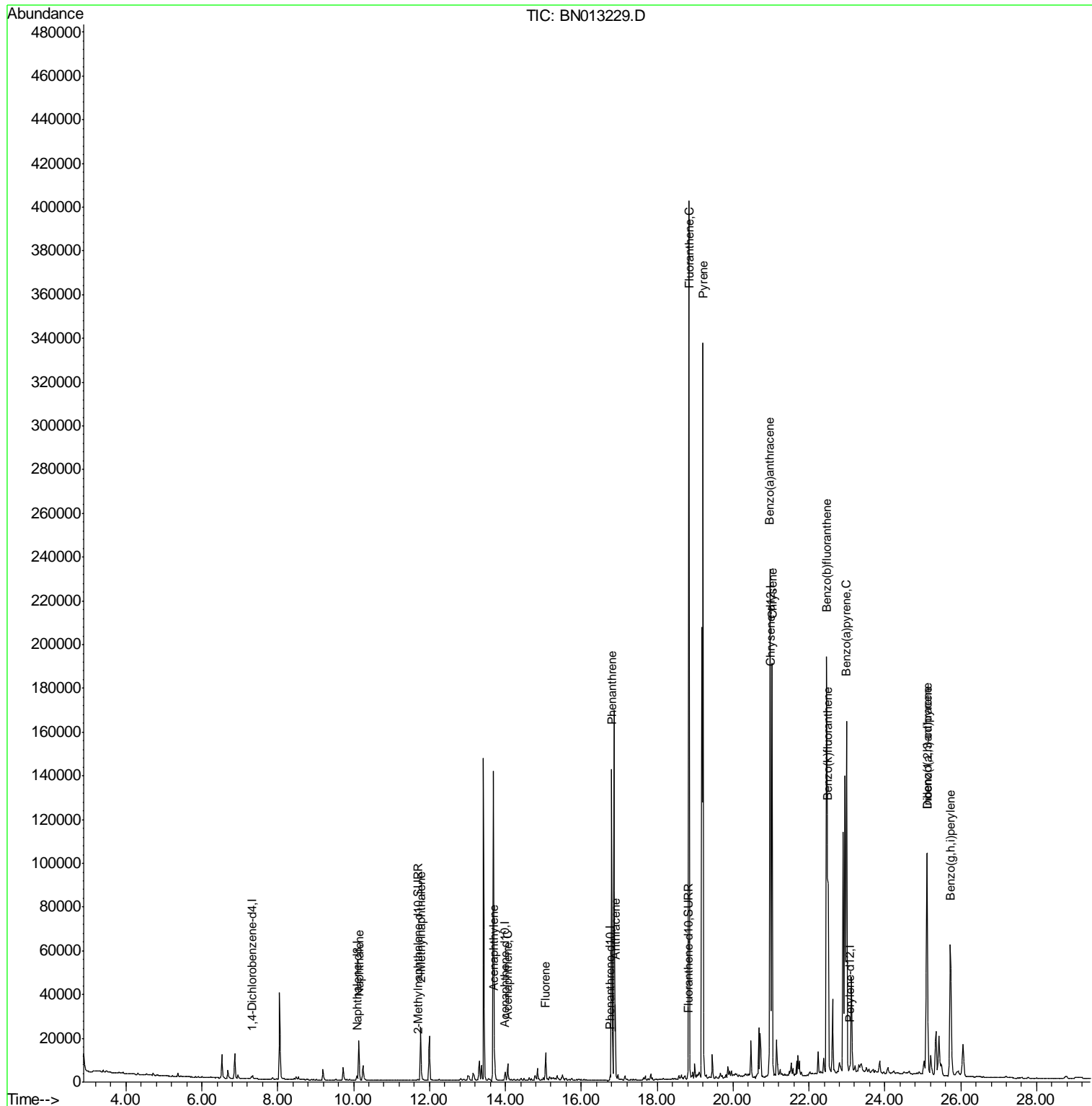
(#) = qualifier out of range (m) = manual integration (+) = signals summed

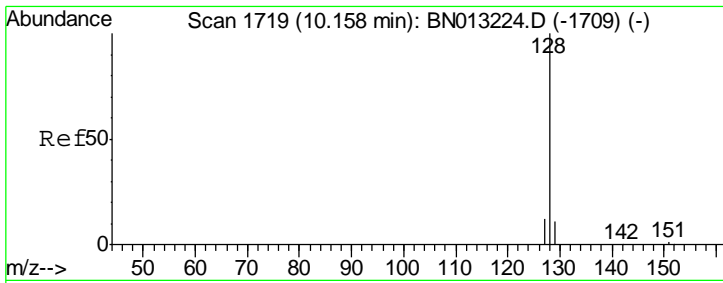
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0AE8

Manual Integrations
 APPROVED
 mohammad
 12/22/2020 12:07:28 PM

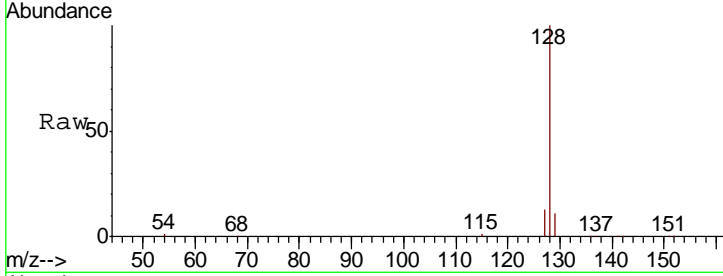
Quant Time: Dec 21 01:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration





#3
 Naphthalene
 Concen: 2.934 ng/ul
 RT: 10.14 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

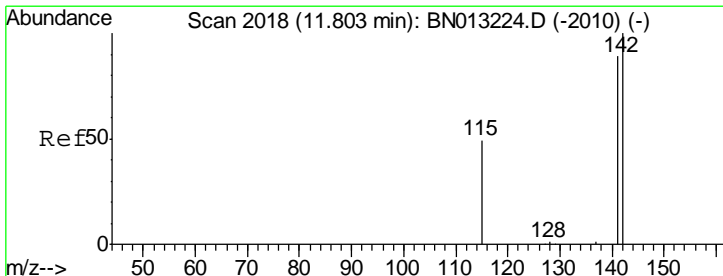
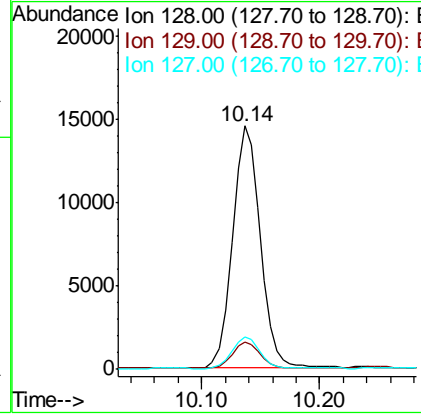
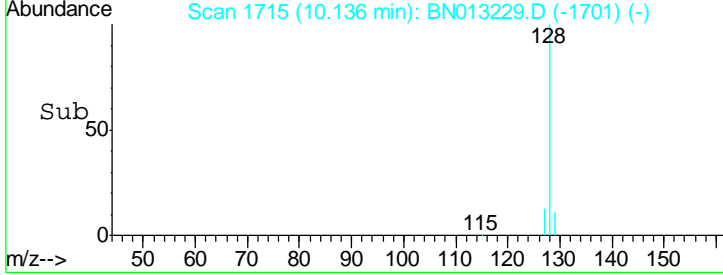


Tgt Ion: 128 Resp: 23978

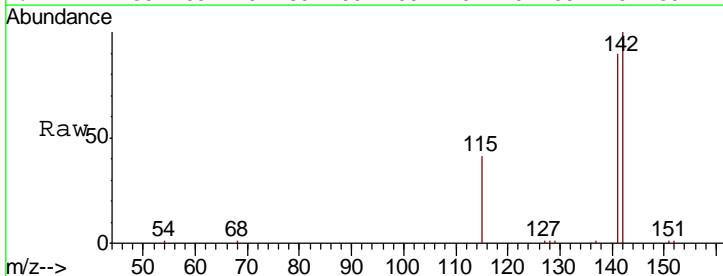
Ion	Ratio	Lower	Upper
128	100		
129	11.3	12.3	18.5#
127	13.5	14.2	21.4#

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM

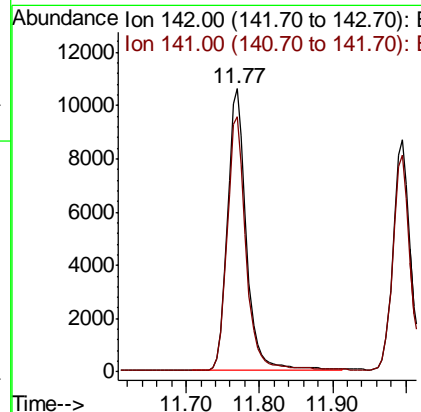
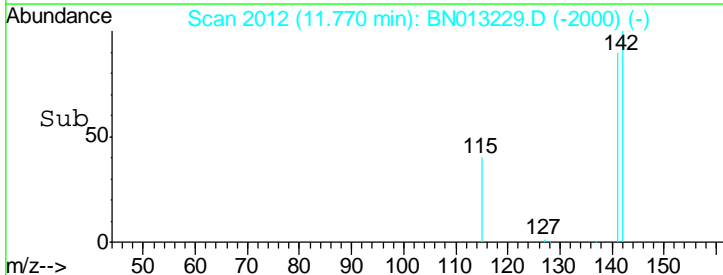


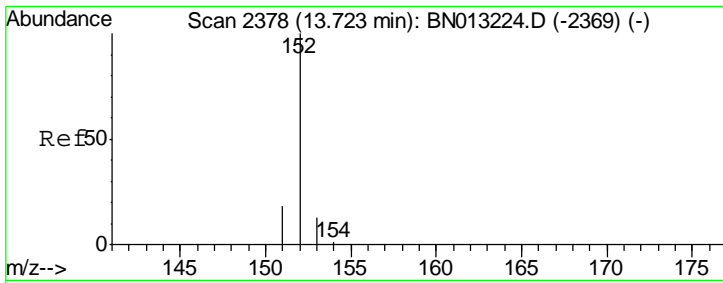
#5
 2-Methylnaphthalene
 Concen: 3.525 ng/ul
 RT: 11.77 min Scan# 2012
 Delta R.T. -0.03 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34



Tgt Ion: 142 Resp: 18922

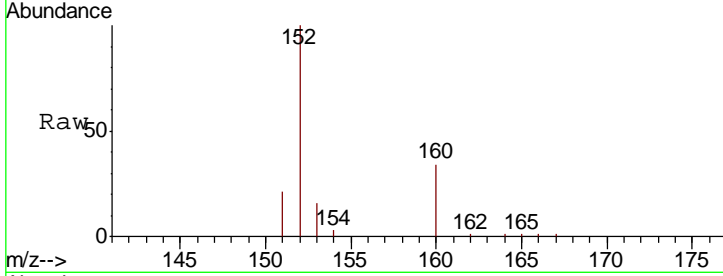
Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





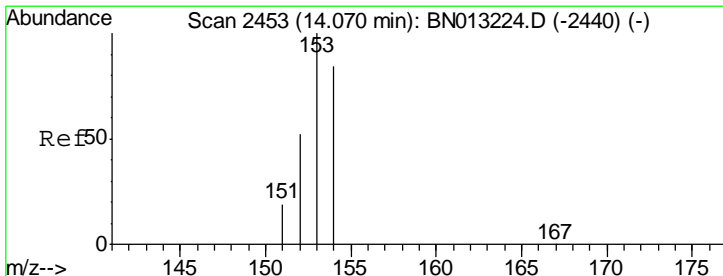
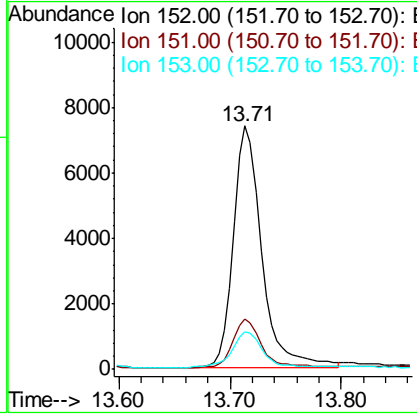
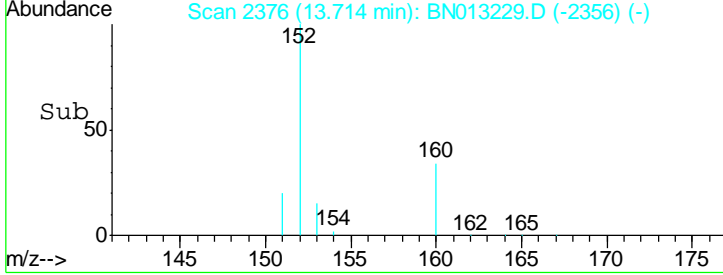
#7
 Acenaphthylene
 Concen: 1.665 ng/ul
 RT: 13.71 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

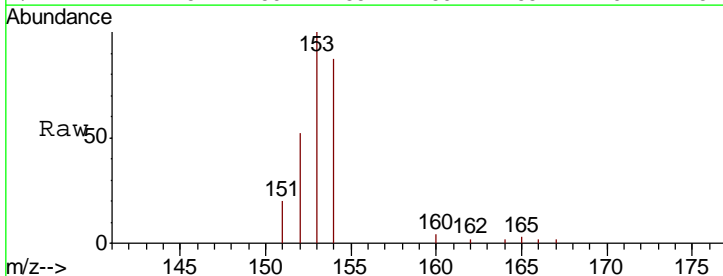


Tgt Ion	Resp	Lower	Upper
152	12773		
151	20.9	18.2	27.4
153	15.7	13.1	19.7

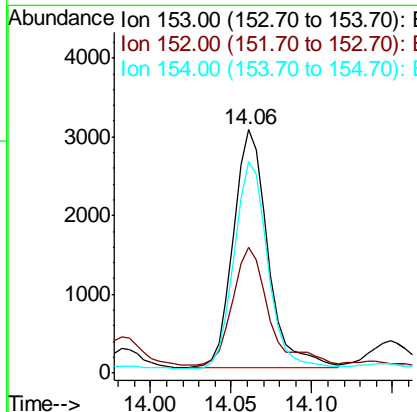
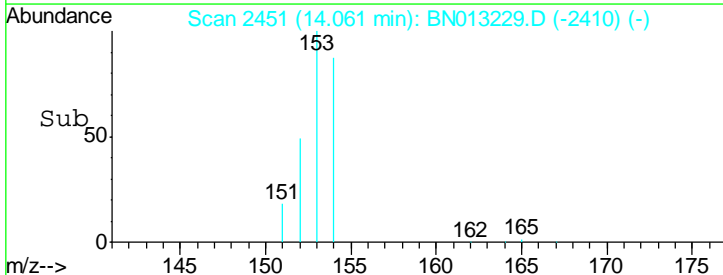
Manual Integrations
 APPROVED
 mohammad
 12/22/2020 12:07:28 PM

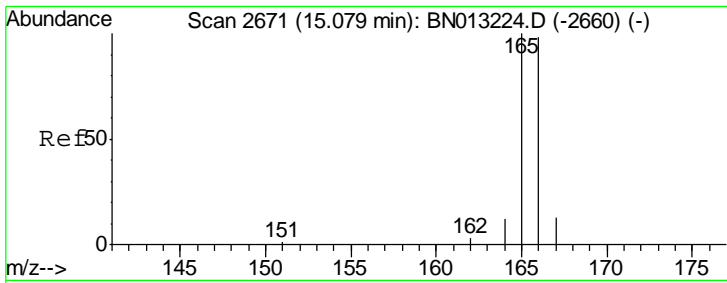


#8
 Acenaphthene
 Concen: 0.714 ng/ul
 RT: 14.06 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34



Tgt Ion	Resp	Lower	Upper
153	4493		
152	51.7	40.7	61.1
154	86.7	70.8	106.2





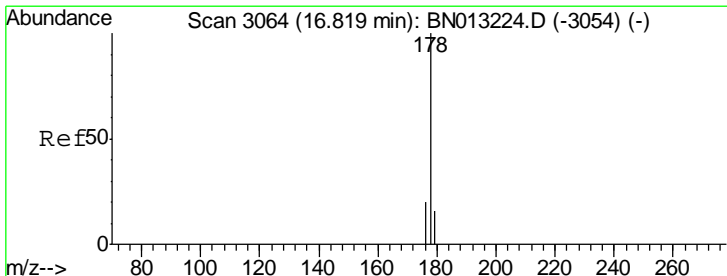
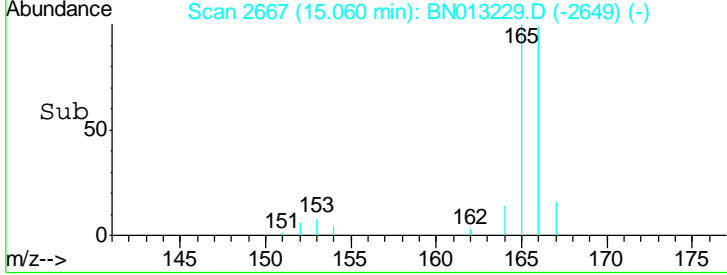
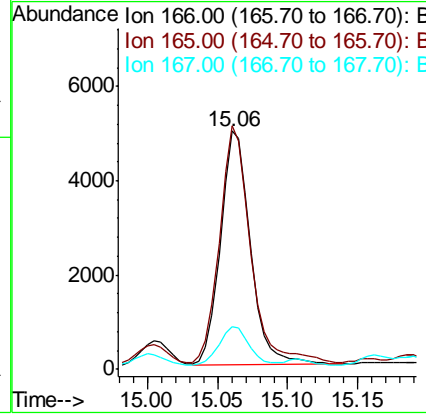
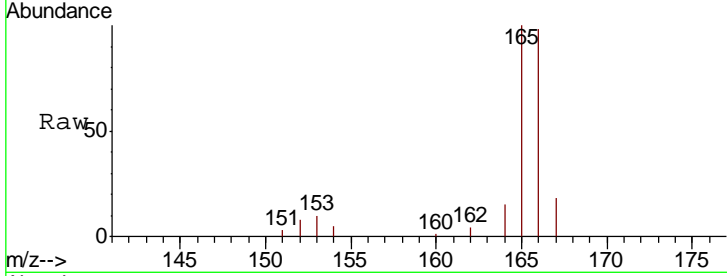
#9
 Fluorene
 Concen: 1.021 ng/ul
 RT: 15.06 min Scan# 2667
 Delta R.T. -0.02 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

Tgt Ion	Resp	Lower	Upper
166	100		
165	102.2	79.8	119.8
167	18.0	13.8	20.8

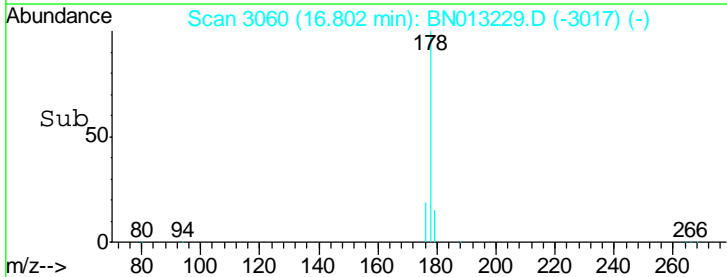
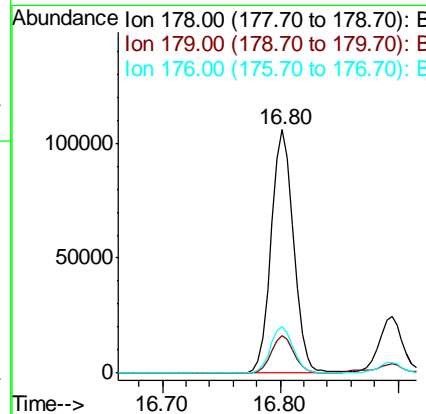
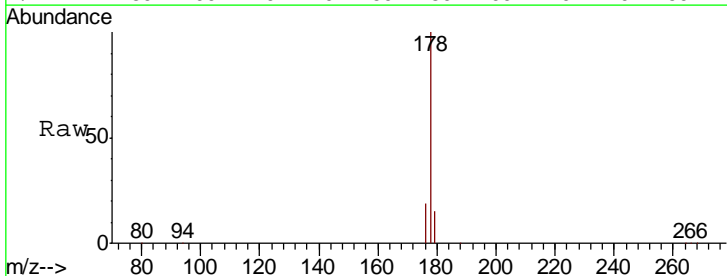
Manual Integrations
 APPROVED

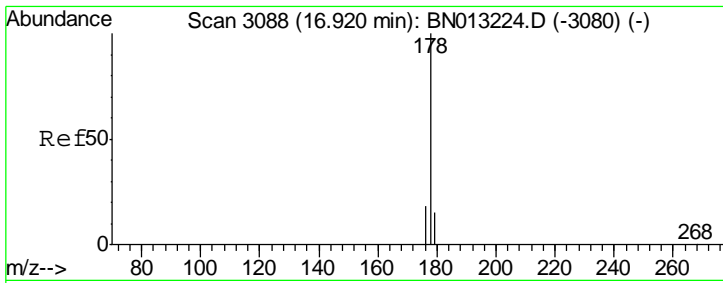
mohammad
 12/22/2020 12:07:28 PM



#12
 Phenanthrene
 Concen: 13.422 ng/ul
 RT: 16.80 min Scan# 3060
 Delta R.T. -0.02 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

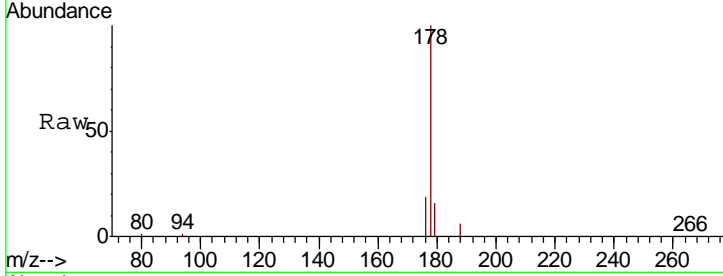
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.3	16.4	24.6





#13
 Anthracene
 Concen: 3.745 ng/ul
 RT: 16.89 min Scan# 3082
 Delta R.T. -0.03 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

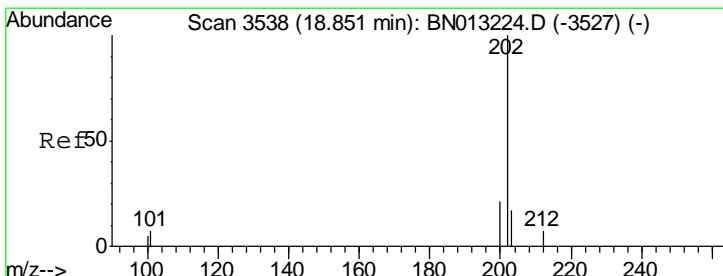
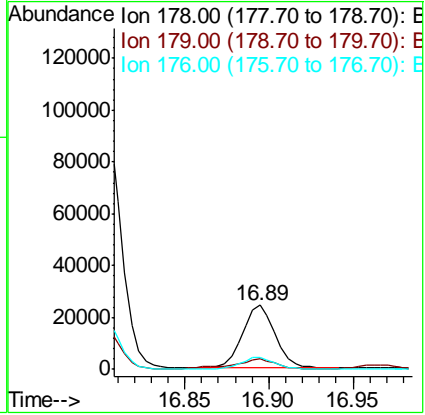
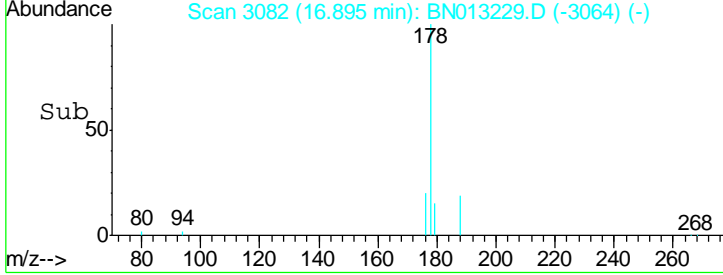
Instrument :
 BNA_N
 ClientSampled :
 COAE8



Tgt Ion: 178 Resp: 33086

Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.6	21.8
176	18.7	17.1	25.7

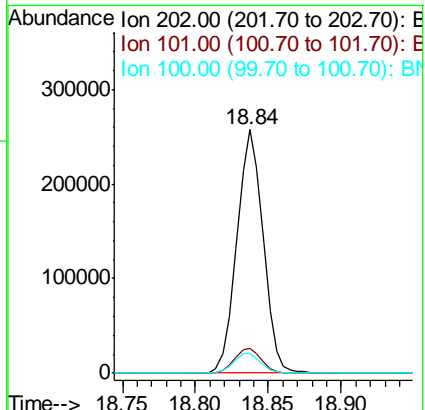
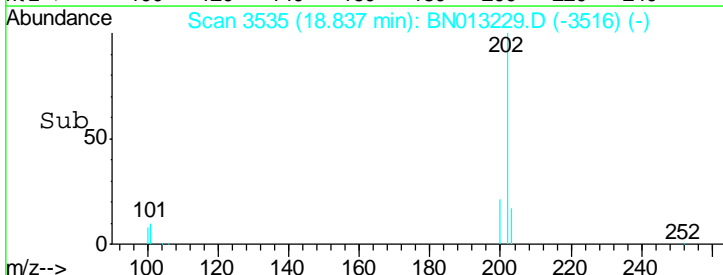
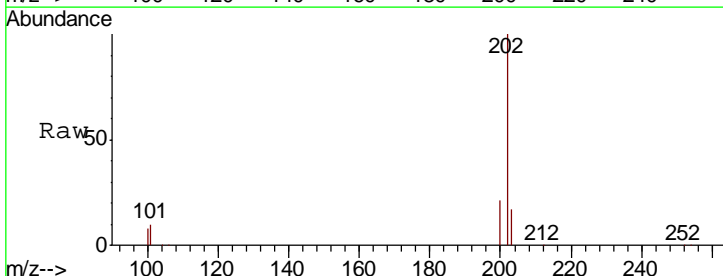
Manual Integrations
 APPROVED
 mohammad
 12/22/2020 12:07:28 PM

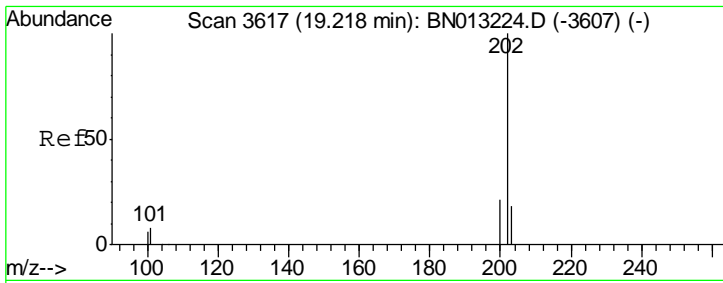


#15
 Fluoranthene
 Concen: 25.982 ng/ul
 RT: 18.84 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Tgt Ion: 202 Resp: 320496

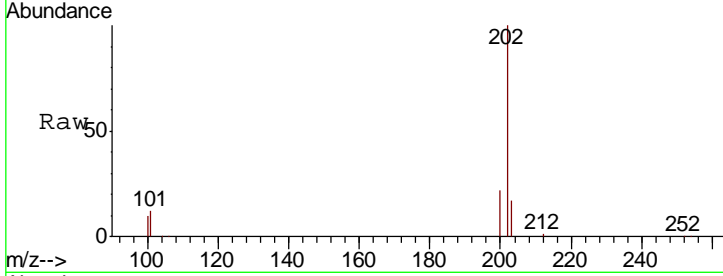
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.6
100	7.9	0.0	28.7





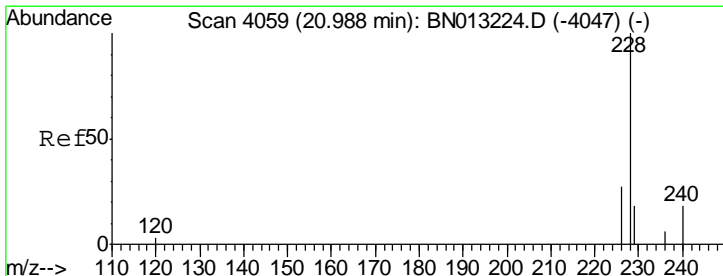
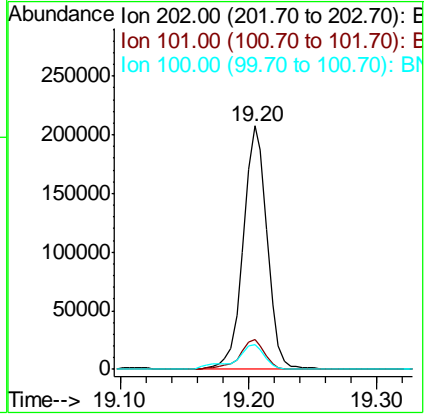
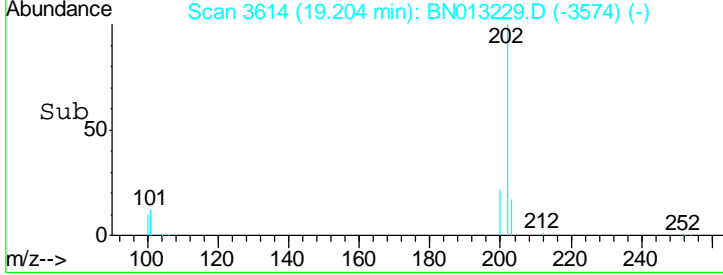
#17
 Pyrene
 Concen: 26.223 ng/ul
 RT: 19.20 min Scan# 3614
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

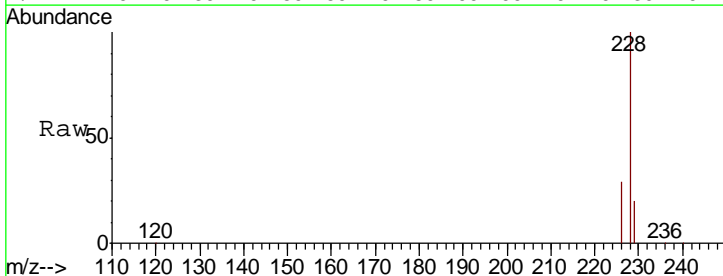


Tgt Ion	Resp	Lower	Upper
202	265064		
101	12.3	9.1	13.7
100	10.2	7.5	11.3

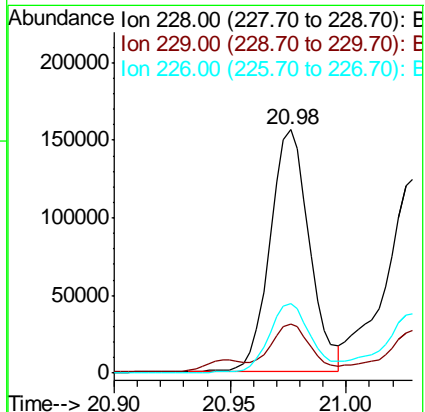
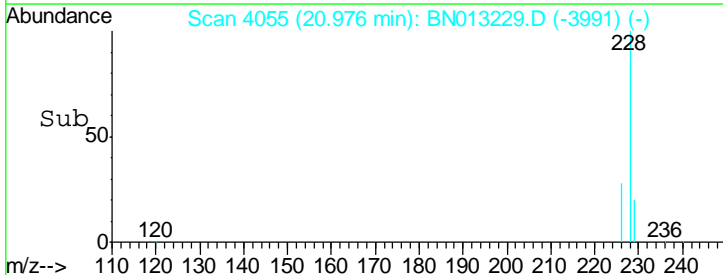
Manual Integrations
 APPROVED
 mohammad
 12/22/2020 12:07:28 PM

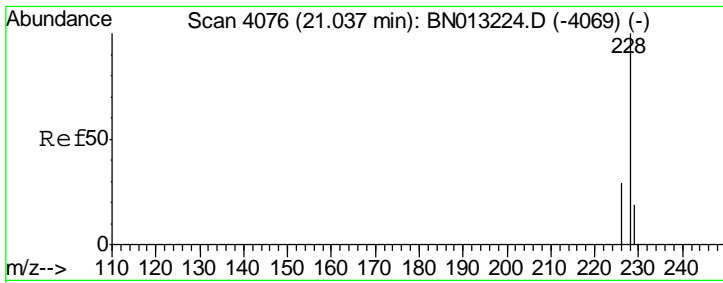


#18
 Benzo(a)anthracene
 Concen: 20.781 ng/ul
 RT: 20.98 min Scan# 4055
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34



Tgt Ion	Resp	Lower	Upper
228	183996		
229	20.1	16.3	24.5
226	28.5	23.4	35.2



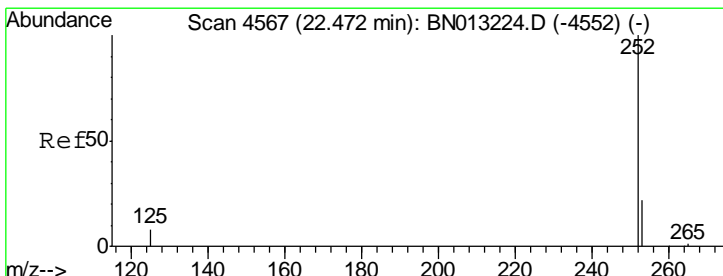
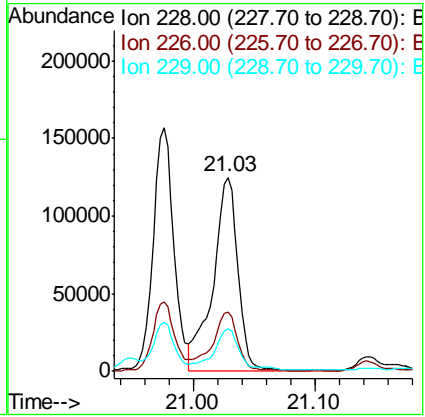
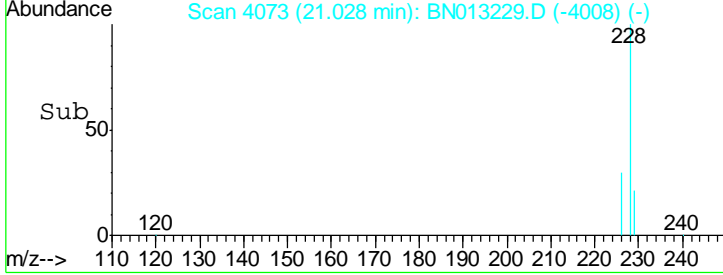
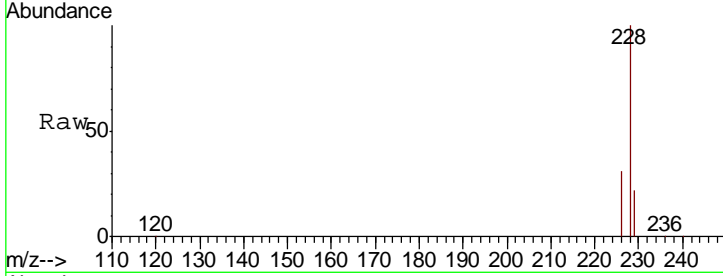


#19
 Chrysene
 Concen: 17.919 ng/ul
 RT: 21.03 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

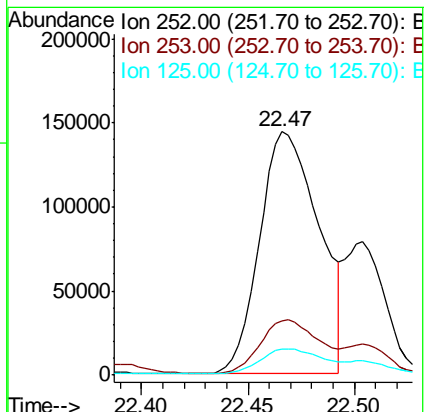
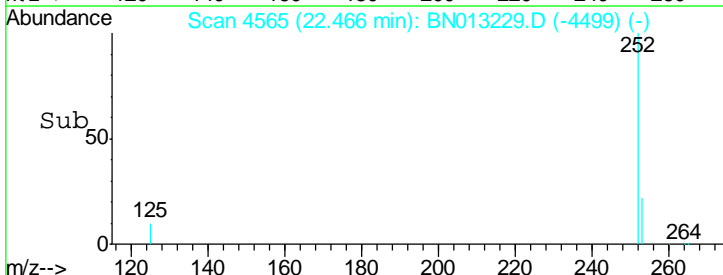
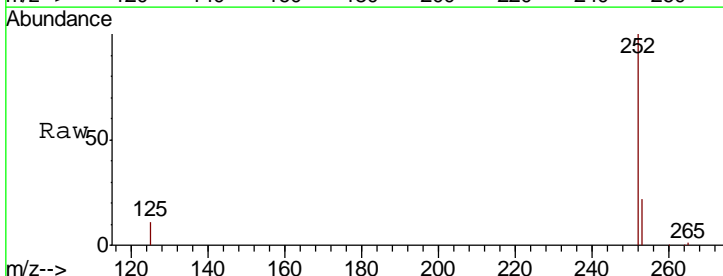
Tgt Ion	Resp	Lower	Upper
228	175297		
226	30.6	25.0	37.6
229	21.8	16.4	24.6

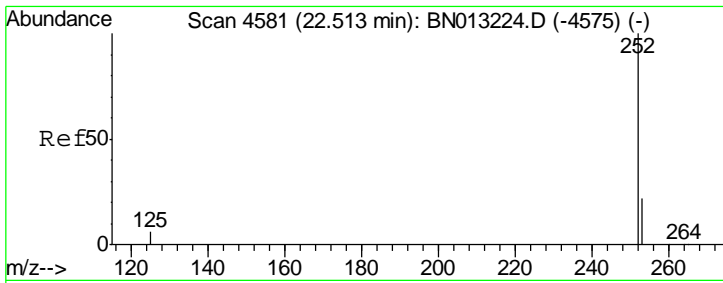
Manual Integrations
APPROVED
 mohammad
 12/22/2020 12:07:28 PM



#21
 Benzo(b)fluoranthene
 Concen: 24.718 ng/ul m
 RT: 22.47 min Scan# 4565
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Tgt Ion	Resp	Lower	Upper
252	280051		
253	22.4	0.0	59.6
125	10.6	0.0	26.0



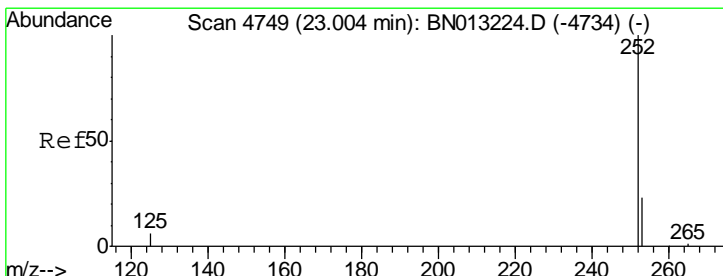
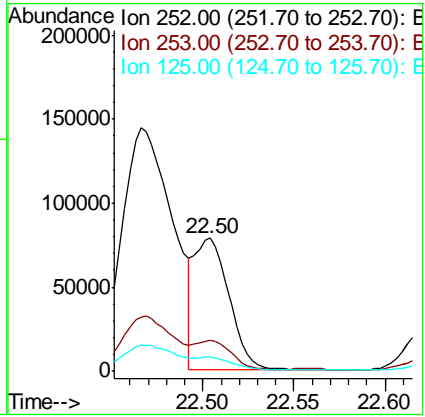
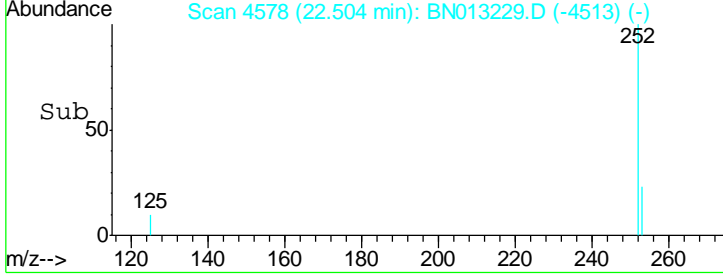
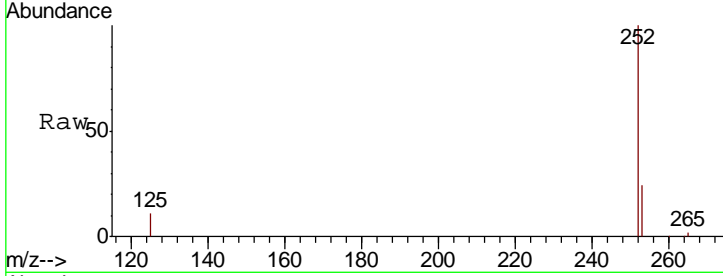


#22
 Benzo(k)fluoranthene
 Concen: 8.190 ng/ul m
 RT: 22.50 min Scan# 4578
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
 ClientSampled :
 COAE8

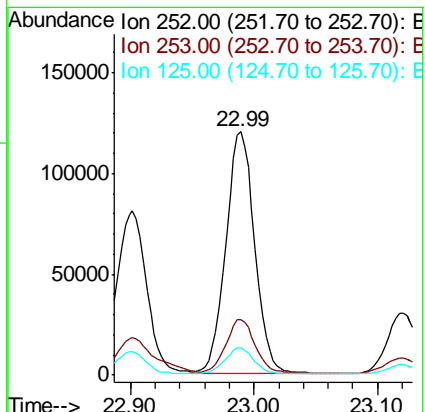
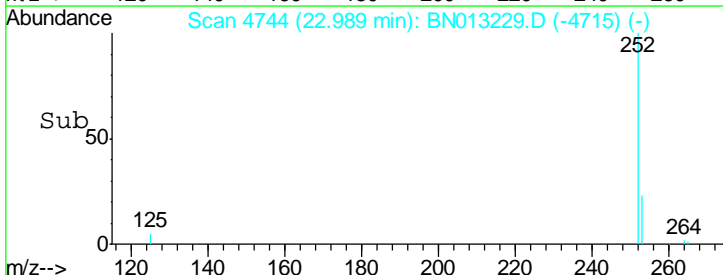
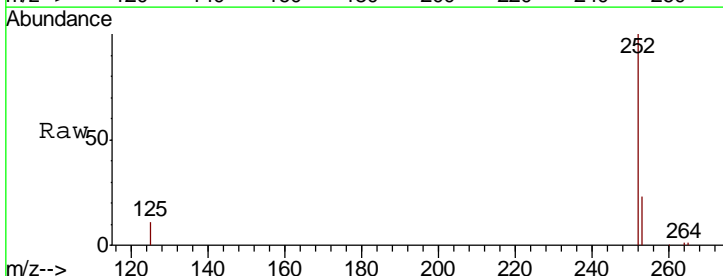
Tgt Ion	Resp	Lower	Upper
252	102570		
253	23.5	23.4	35.2
125	10.8	11.1	16.7#

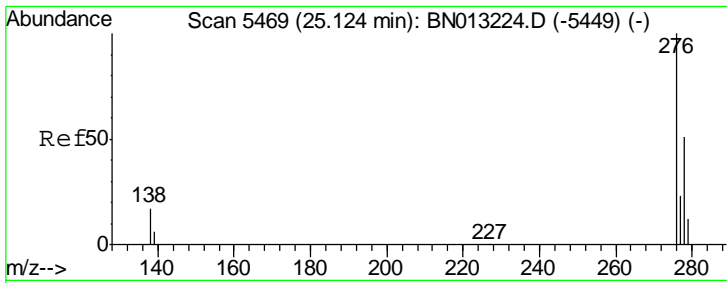
Manual Integrations
APPROVED
 mohammad
 12/22/2020 12:07:28 PM



#23
 Benzo(a)pyrene
 Concen: 18.523 ng/ul m
 RT: 22.99 min Scan# 4744
 Delta R.T. -0.01 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

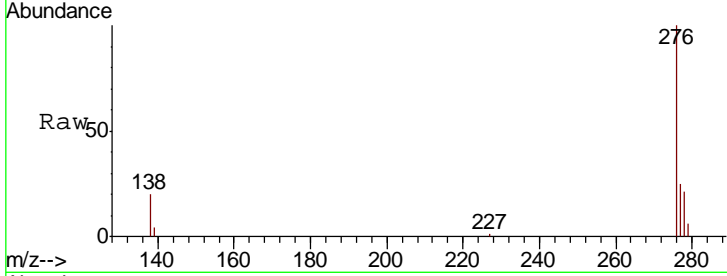
Tgt Ion	Resp	Lower	Upper
252	194729		
253	23.0	26.5	39.7#
125	11.0	14.2	21.2#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 10.380 ng/ul
 RT: 25.11 min Scan# 5464
 Delta R.T. -0.02 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
ClientSampled :
 COAE8

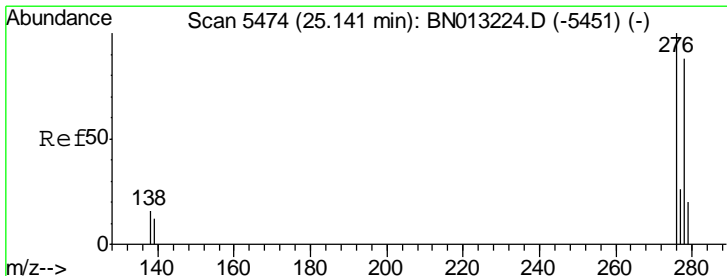
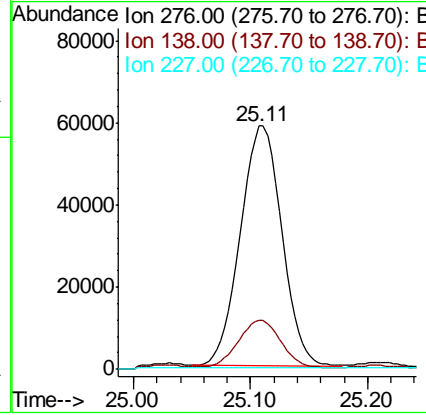
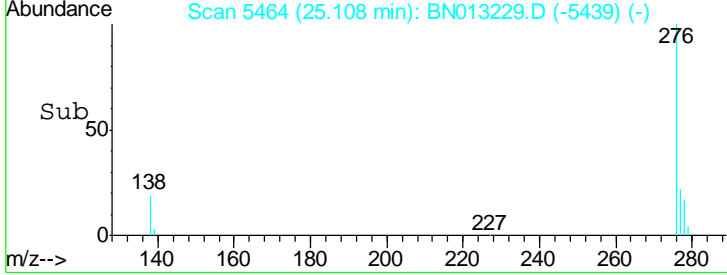


Tgt Ion: 276 Resp: 143337

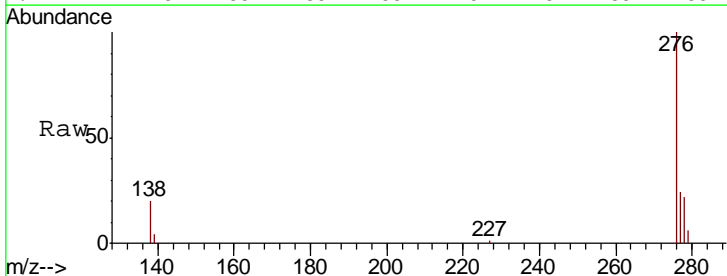
Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.2	24.2
227	0.3	0.0	0.0

Manual Integrations
APPROVED

mohammad
 12/22/2020 12:07:28 PM

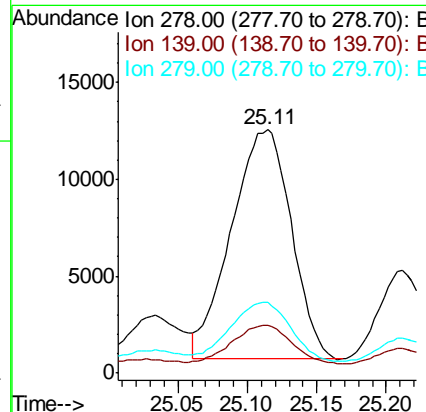
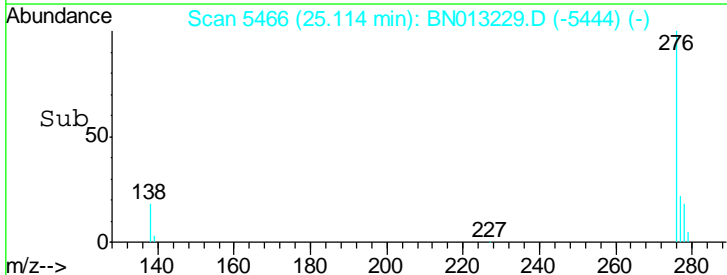


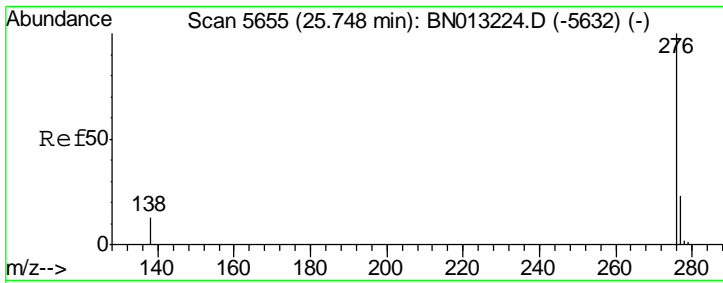
#25
 Dibenzo(a,h)anthracene
 Concen: 3.252 ng/ul
 RT: 25.11 min Scan# 5466
 Delta R.T. -0.03 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34



Tgt Ion: 278 Resp: 35523

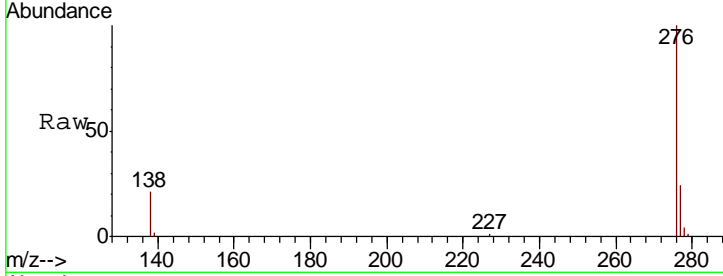
Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.5	21.7
279	29.0	26.3	39.5





#26
 Benzo(a,h,i)perylene
 Concen: 8.966 ng/ul
 RT: 25.73 min Scan# 5649
 Delta R.T. -0.02 min
 Lab File: BN013229.D
 Acq: 19 Dec 2020 16:34

Instrument :
 BNA_N
ClientSampled :
 COAE8



Tot Ion: 276 Resp: 111993

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.3	24.5
277	24.0	21.8	32.6

Manual Integrations
APPROVED
 mohammad
 12/22/2020 12:07:28 PM

