

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015154.D
 Acq On : 27 Jun 2021 15:40
 Operator : CG/JU
 Sample : M2704-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD85

Manual Integrations
 APPROVED

Quant Time: Jun 28 01:28:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3857	0.400	ng/u1	-0.01
4) Naphthalene-d8	10.496	136	13762	0.400	ng/u1	-0.01
9) Acenaphthene-d10	14.350	164	7925	0.400	ng/u1	-0.01
13) Phenanthrene-d10	17.099	188	16861	0.400	ng/u1	-0.01
17) Chrysene-d12	21.298	240	14689	0.400	ng/u1	#-0.02
23) Perylene-d12	23.546	264	13920	0.400	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	8883	2.043	ng/u1	-0.01
6) 2-Methylnaphthalene-d10	12.085	152	4312	0.200	ng/u1	-0.02
18) Fluoranthene-d10	19.133	212	12016	0.249	ng/u1	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.546	128	16480	0.375	ng/u1	99
7) 2-Methylnaphthalene	12.162	142	4638	0.161	ng/u1	99
8) 1-Methylnaphthalene	12.382	142	3259	0.117	ng/u1	99
10) Acenaphthylene	14.068	152	30249	0.738	ng/u1	100
11) Acenaphthene	14.415	153	5369	0.171	ng/u1	98
12) Fluorene	15.405	166	18477	0.533	ng/u1	99
15) Phenanthrene	17.137	178	239475	3.913	ng/u1	100
16) Anthracene	17.230	178	67139	1.244	ng/u1	99
19) Fluoranthene	19.161	202	495753	7.304	ng/u1	98
20) Pyrene	19.528	202	433181	6.363	ng/u1	100
21) Benzo(a)anthracene	21.284	228	271920	4.997	ng/u1	95
22) Chrysene	21.336	228	243460	3.737	ng/u1	97
24) Benzo(b)fluoranthene	22.876	252	291446m	4.482	ng/u1	
25) Benzo(k)fluoranthene	22.914	252	104111m	1.418	ng/u1	
26) Benzo(a)pyrene	23.452	252	214837	3.933	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	25.803	276	135228	2.050	ng/u1#	91
28) Dibenzo(a,h)anthracene	25.806	278	39893	0.771	ng/u1	91
29) Benzo(g,h,i)perylene	26.497	276	105195	1.721	ng/u1	99

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

mohammad

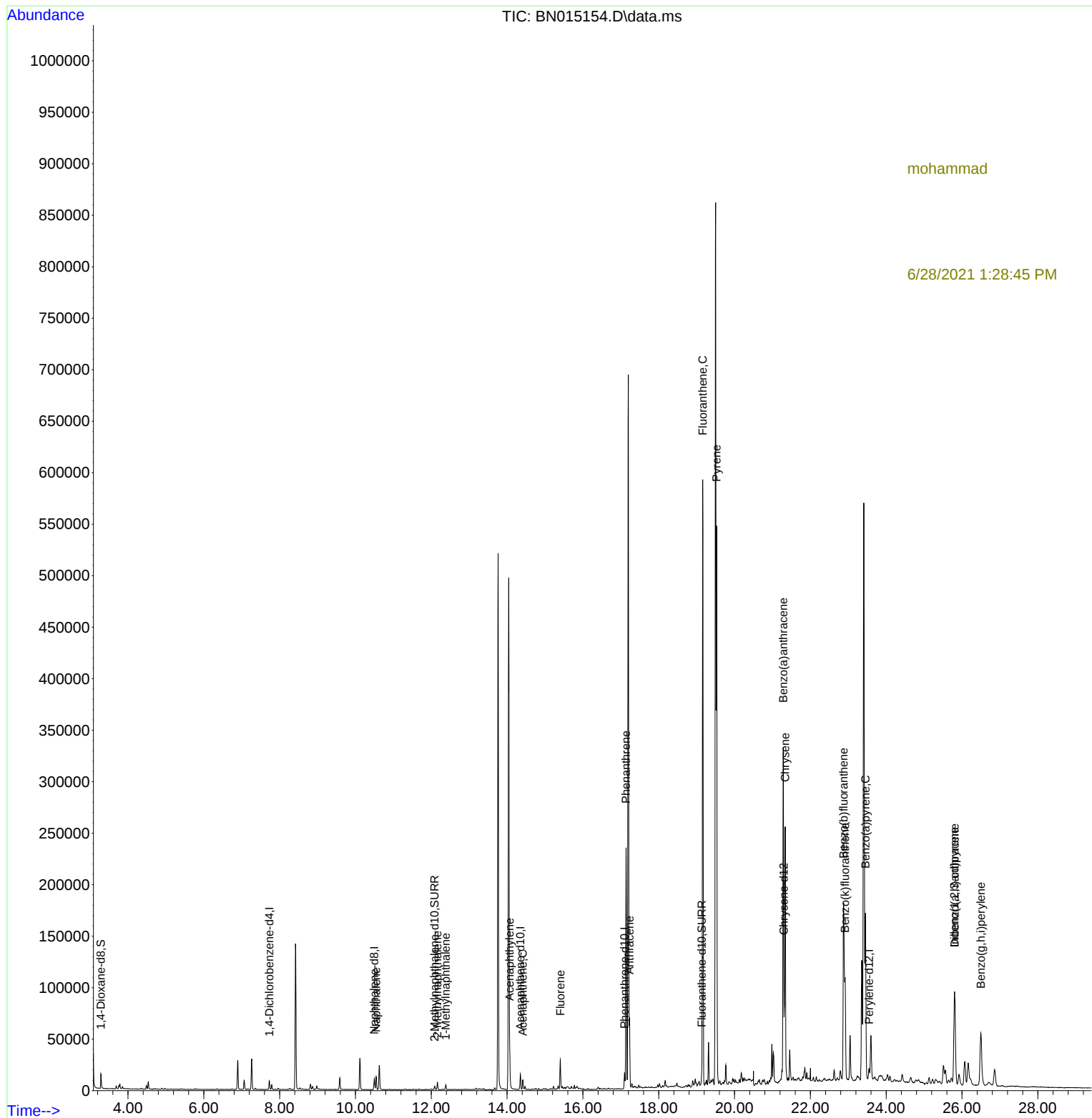
6/28/2021 1:28:45 PM

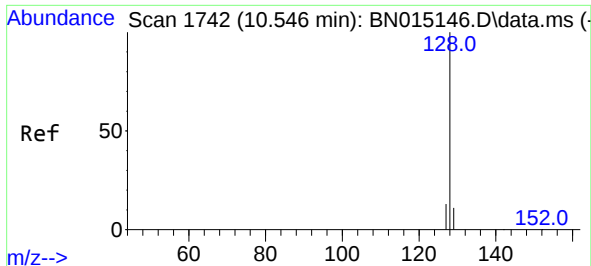
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015154.D
Acq On : 27 Jun 2021 15:40
Operator : CG/JU
Sample : M2704-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED

Quant Time: Jun 28 01:28:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration



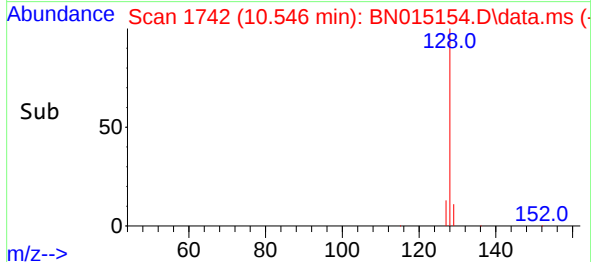
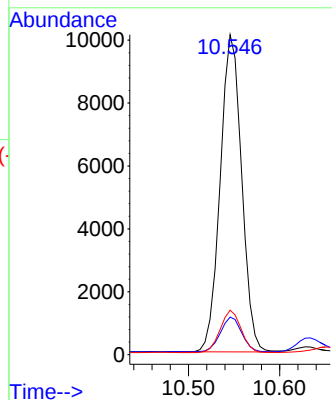
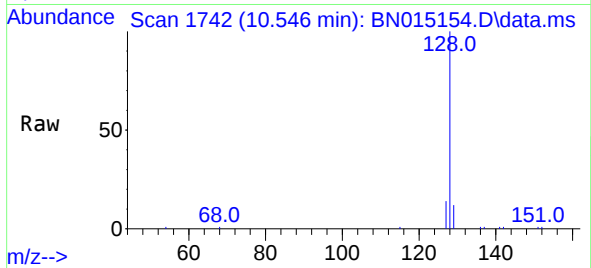


#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:	128	Resp:	16480
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.3	13.9
127	13.9	10.8	16.2

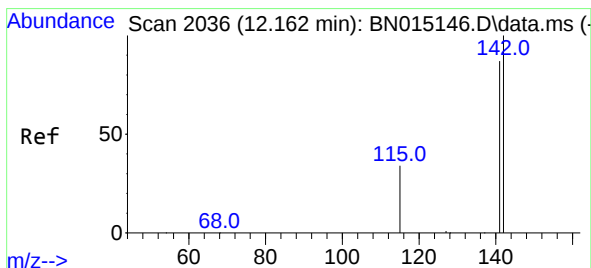
Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED



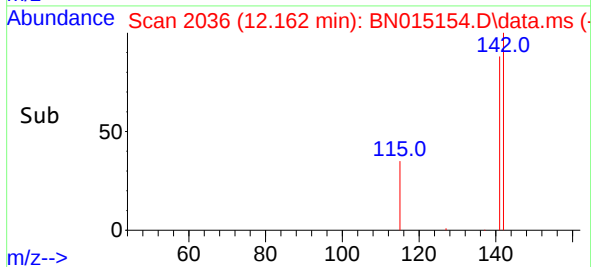
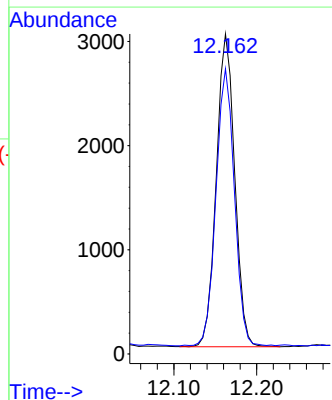
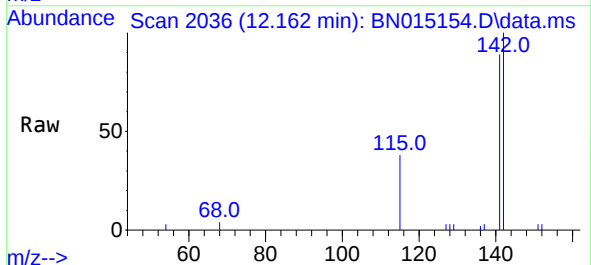
mohammad

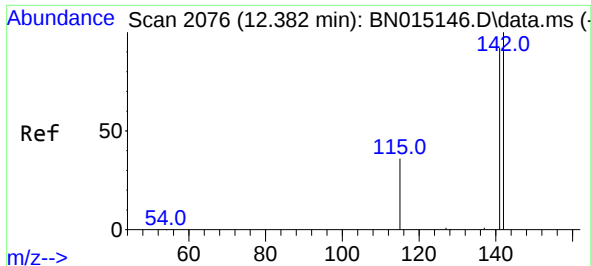
6/28/2021 1:28:45 PM



#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

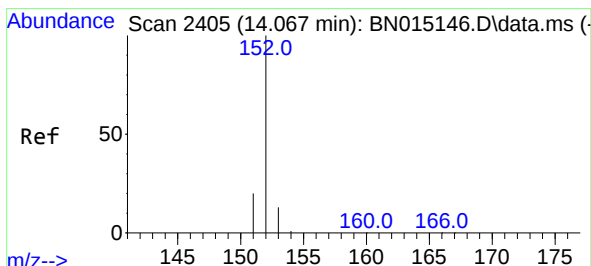
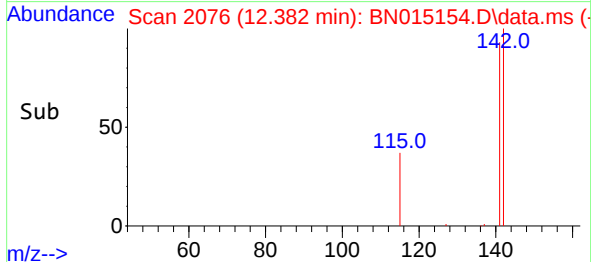
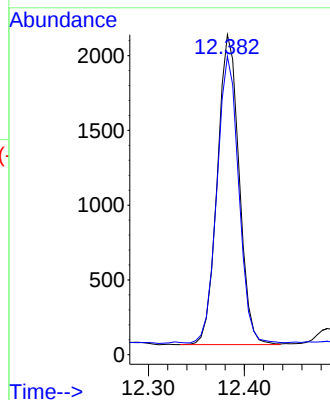
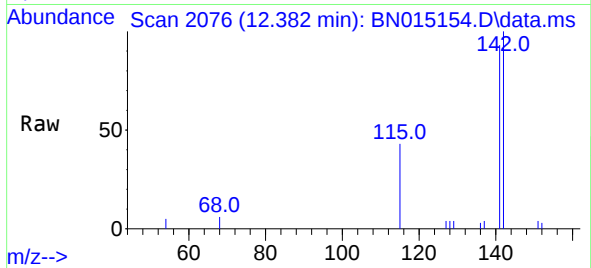
Tgt Ion:	142	Resp:	4638
Ion Ratio	Lower	Upper	
142	100		
141	88.6	70.3	105.5





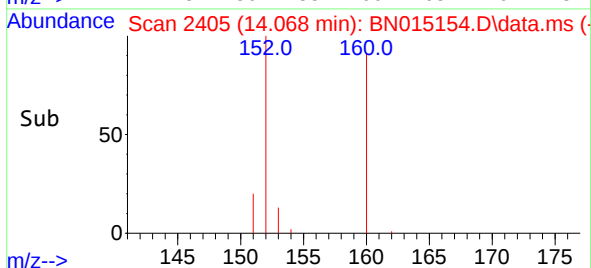
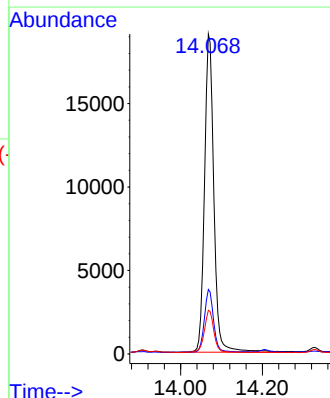
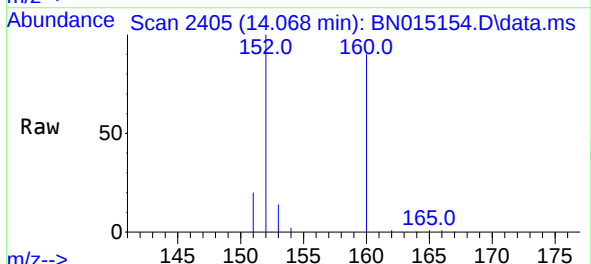
#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:142 Resp: 3259
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



#10
Acenaphthylene
Concen: 0.738 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:152 Resp: 30249
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.7 10.9 16.3

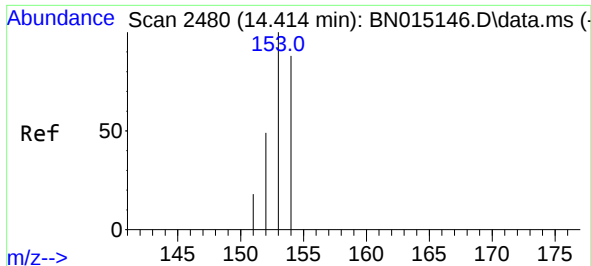


Instrument :
BNA_N
ClientSampleId :
BGD85

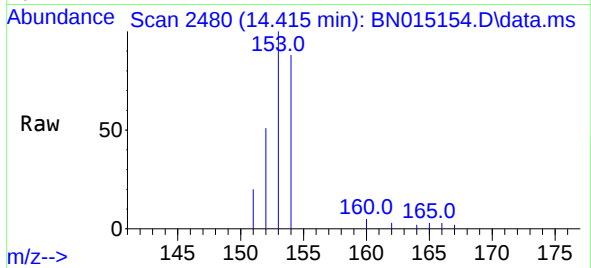
Manual Integrations
APPROVED

mohammad

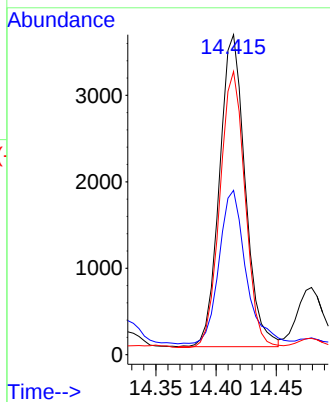
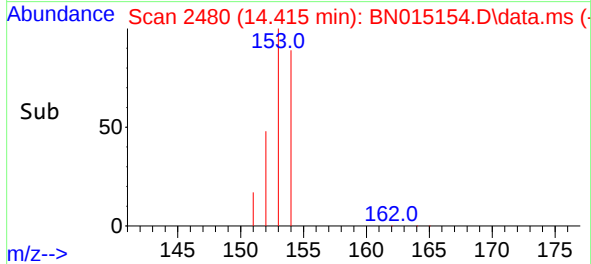
6/28/2021 1:28:45 PM



#11
Acenaphthene
Concen: 0.171 ng/ul
RT: 14.415 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40



Tgt Ion:153 Resp: 5369
Ion Ratio Lower Upper
153 100
152 51.4 39.8 59.6
154 88.5 69.8 104.8

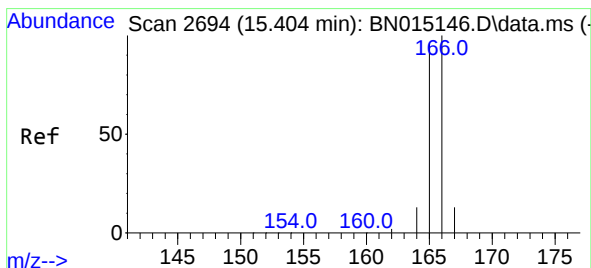


Instrument :
BNA_N
ClientSampleId :
BGD85

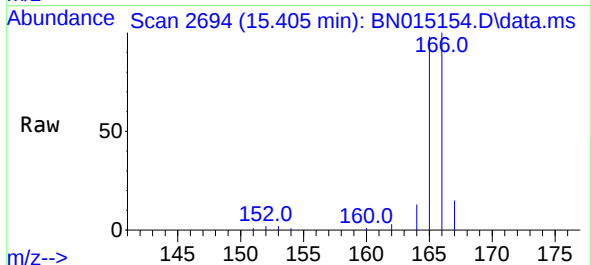
Manual Integrations
APPROVED

mohammad

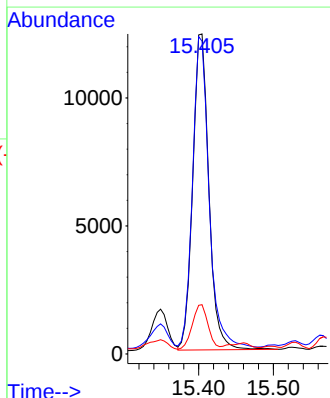
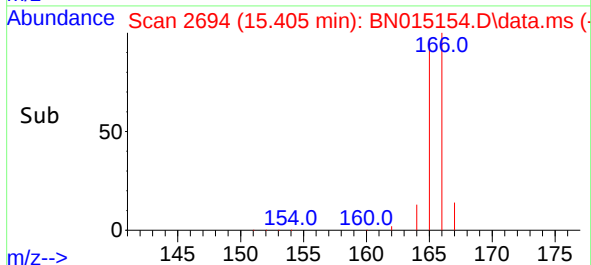
6/28/2021 1:28:45 PM

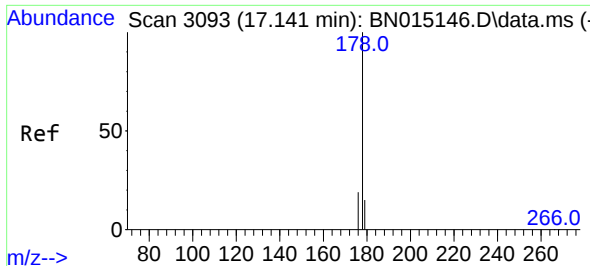


#12
Fluorene
Concen: 0.533 ng/ul
RT: 15.405 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40



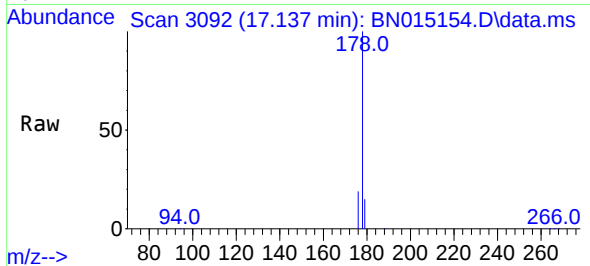
Tgt Ion:166 Resp: 18477
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 15.4 11.2 16.8





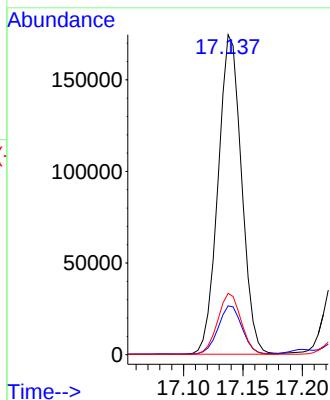
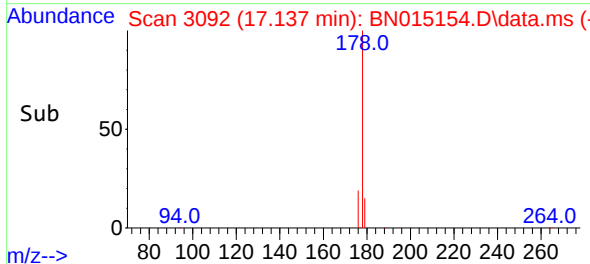
#15
Phenanthrene
Concen: 3.913 ng/u1
RT: 17.137 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Instrument :
BNA_N
ClientSampleId :
BGD85



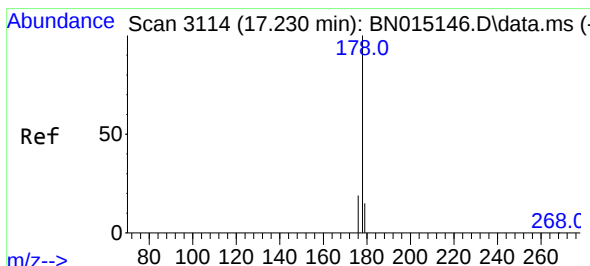
Tgt Ion:178 Resp: 239475
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.5 23.3

Manual Integrations
APPROVED

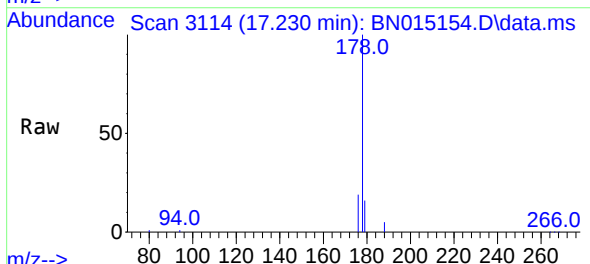


mohammad

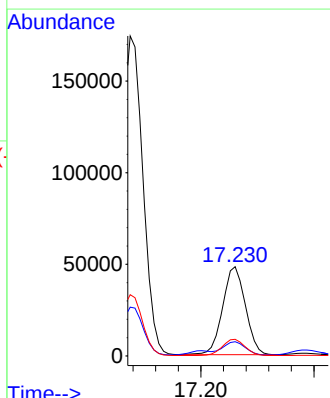
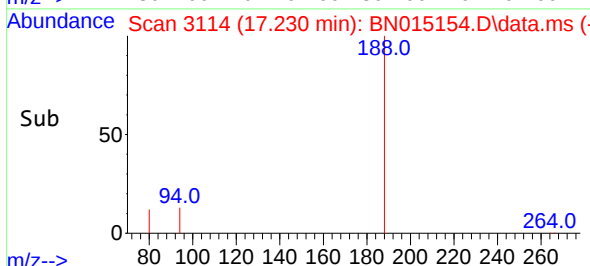
6/28/2021 1:28:45 PM

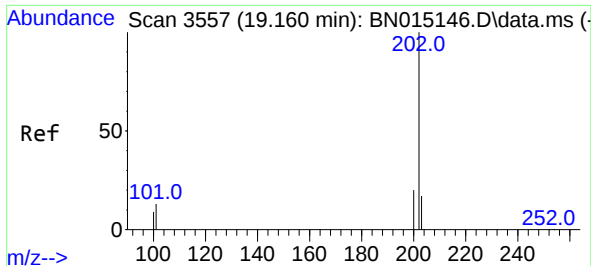


#16
Anthracene
Concen: 1.244 ng/u1
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40



Tgt Ion:178 Resp: 67139
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 18.6 15.2 22.8



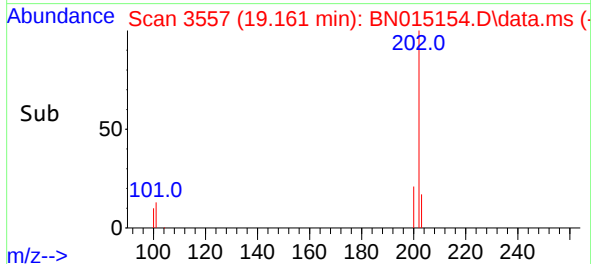
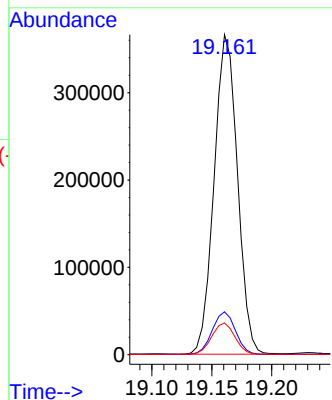
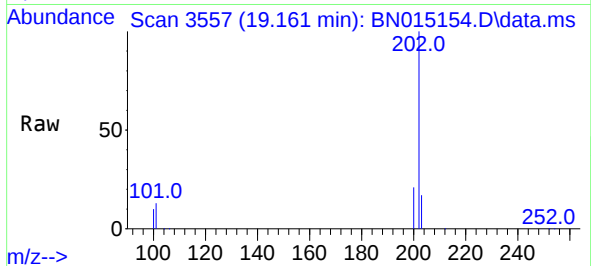


#19
Fluoranthene
Concen: 7.304 ng/ul
RT: 19.161 min Scan# 3557
Delta R.T. -0.015 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:202 Resp: 495753
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.9 7.4 11.0

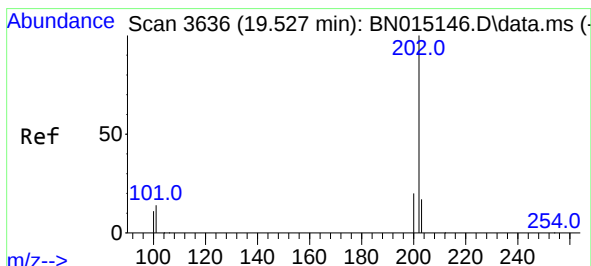
Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED



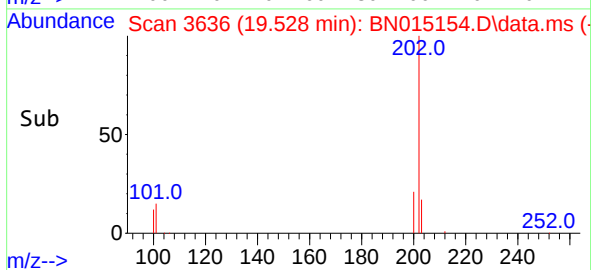
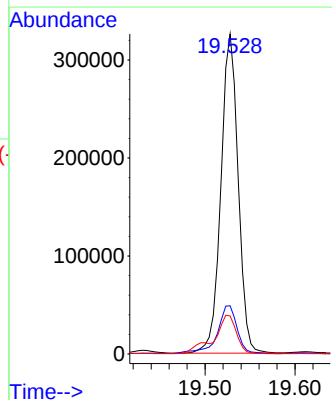
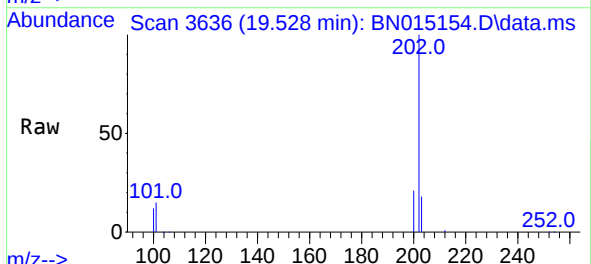
mohammad

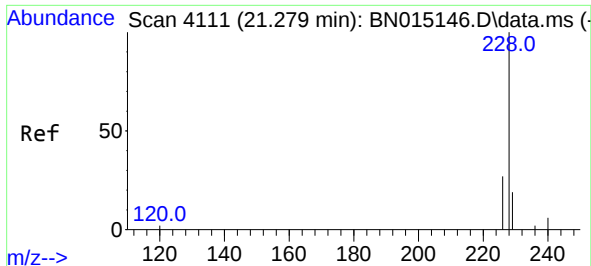
6/28/2021 1:28:45 PM



#20
Pyrene
Concen: 6.363 ng/ul
RT: 19.528 min Scan# 3636
Delta R.T. -0.010 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:202 Resp: 433181
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 11.9 9.6 14.4



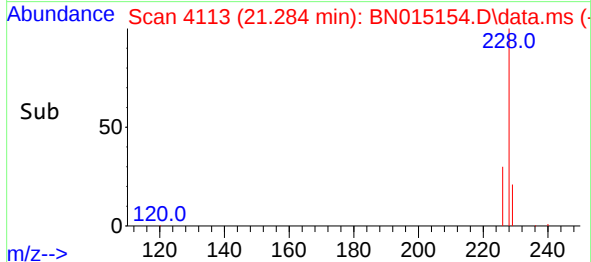
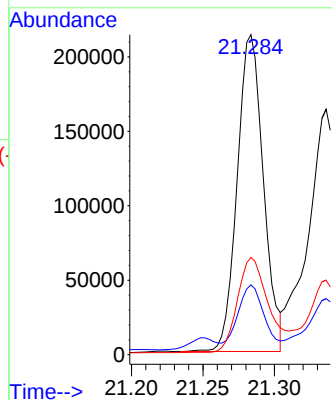
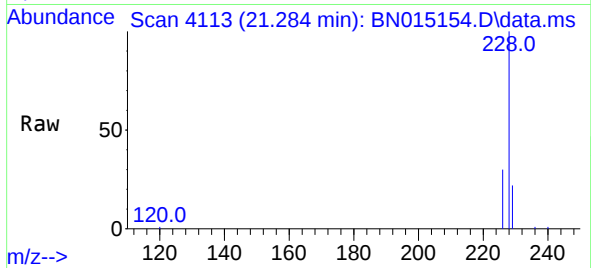


#21
Benzo(a)anthracene
Concen: 4.997 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.013 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:228 Resp: 271920
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.8
226 30.4 21.8 32.8

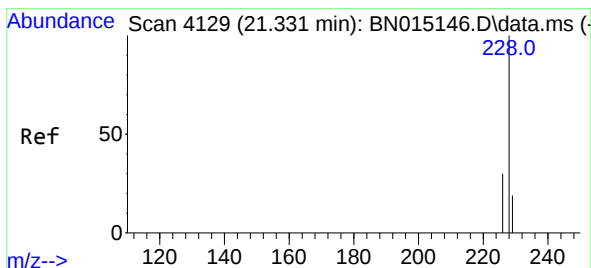
Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED



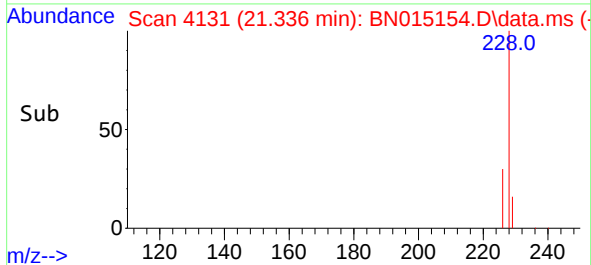
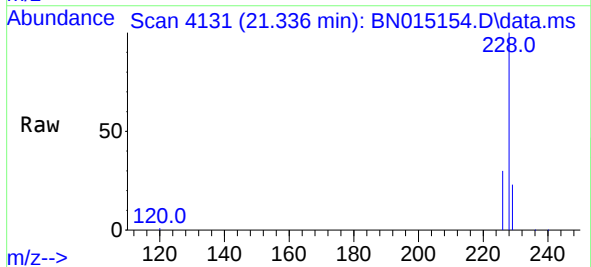
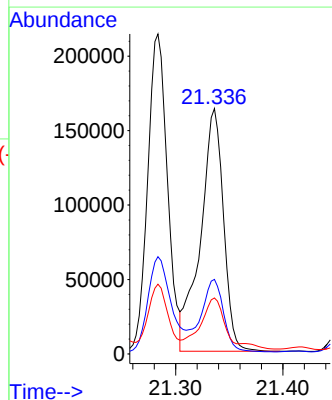
mohammad

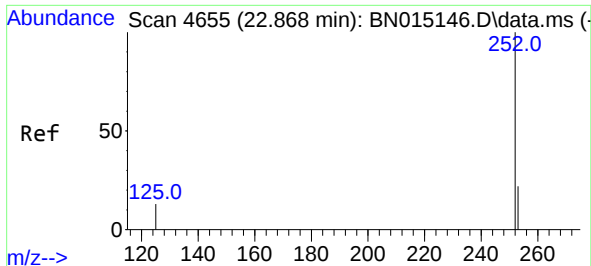
6/28/2021 1:28:45 PM



#22
Chrysene
Concen: 3.737 ng/ul
RT: 21.336 min Scan# 4131
Delta R.T. -0.013 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:228 Resp: 243460
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 22.9 15.7 23.5



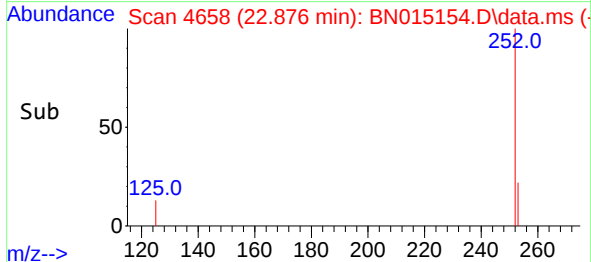
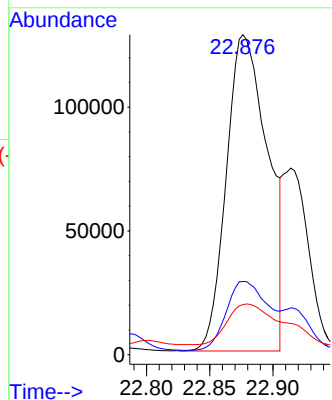
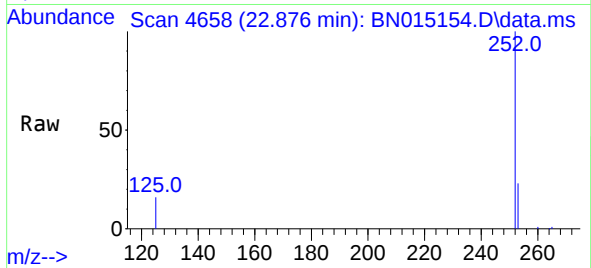


#24
Benzo(b)fluoranthene
Concen: 4.482 ng/ul m
RT: 22.876 min Scan# 4658
Delta R.T. -0.018 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:252 Resp: 291446
Ion Ratio Lower Upper
252 100
253 22.9 0.0 45.6
125 15.7 0.0 28.4

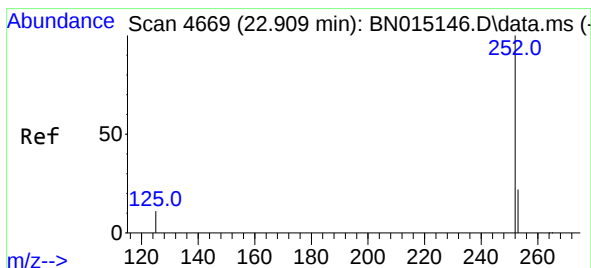
Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED



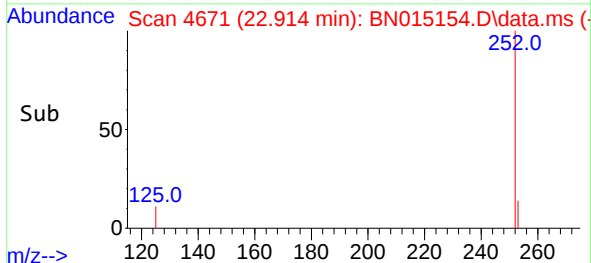
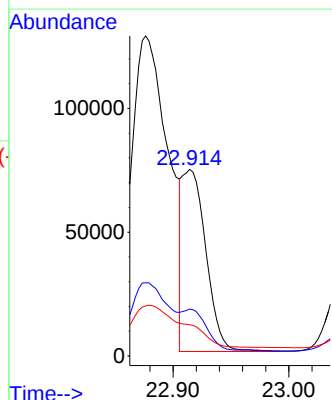
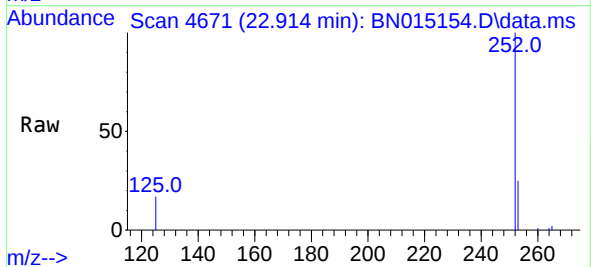
mohammad

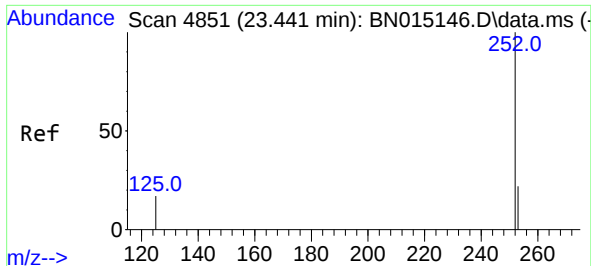
6/28/2021 1:28:45 PM



#25
Benzo(k)fluoranthene
Concen: 1.418 ng/ul m
RT: 22.914 min Scan# 4671
Delta R.T. -0.024 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:252 Resp: 104111
Ion Ratio Lower Upper
252 100
253 25.1 18.1 27.1
125 16.8 11.5 17.3



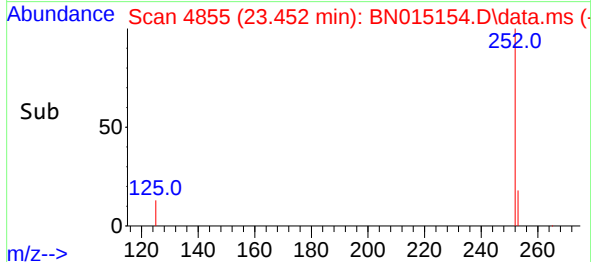
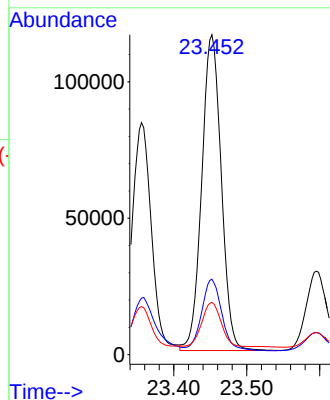
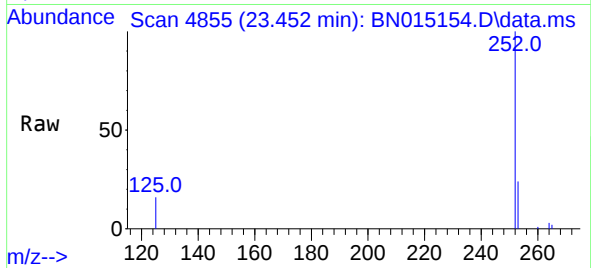


#26
Benzo(a)pyrene
Concen: 3.933 ng/ul
RT: 23.452 min Scan# 4855
Delta R.T. -0.018 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:	252	Resp:	214837
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.9	28.3
125	16.3	13.5	20.3

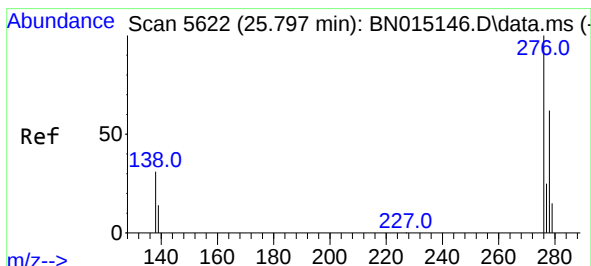
Instrument :
BNA_N
ClientSampled :
BGD85

Manual Integrations
APPROVED



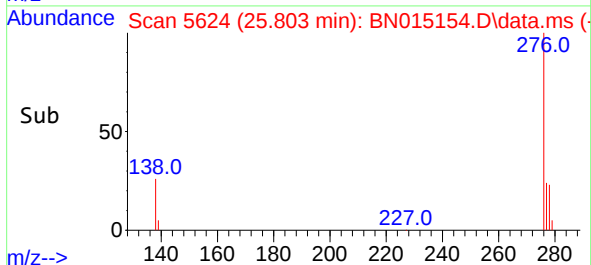
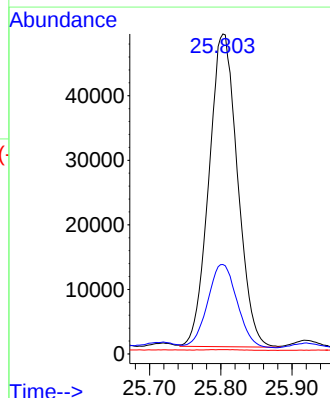
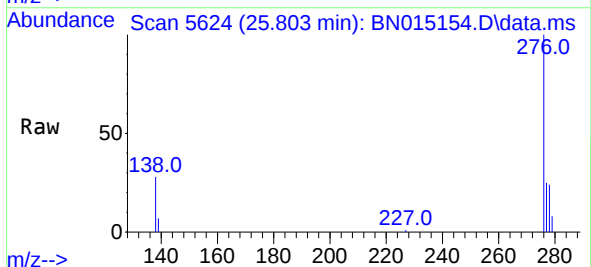
mohammad

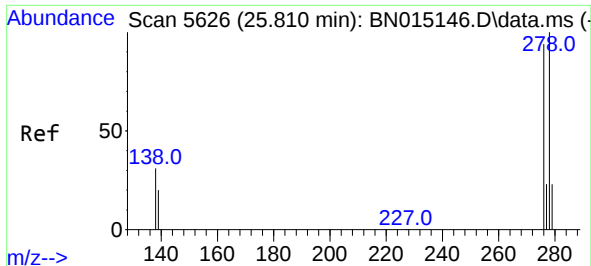
6/28/2021 1:28:45 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.050 ng/ul
RT: 25.803 min Scan# 5624
Delta R.T. -0.038 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:	276	Resp:	135228
Ion Ratio	Lower	Upper	
276	100		
138	27.6	26.3	39.5
227	0.3	0.1	0.1#



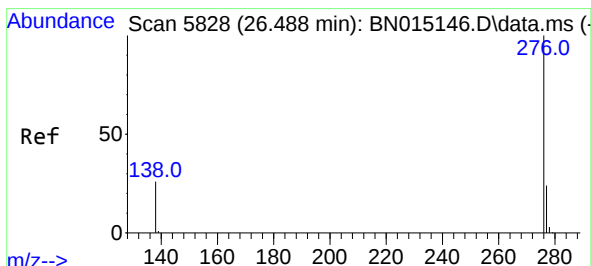
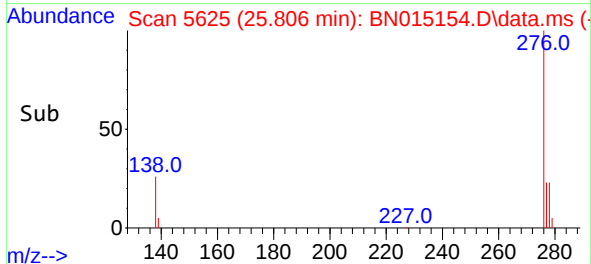
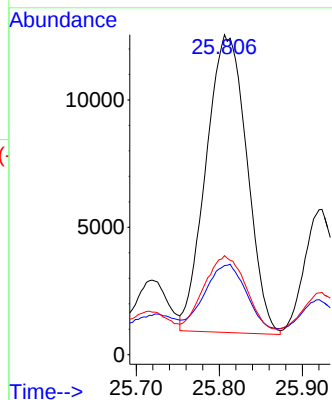
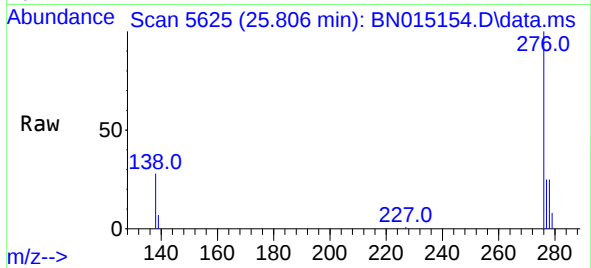


#28
Dibenzo(a,h)anthracene
Concen: 0.771 ng/ul
RT: 25.806 min Scan# 5625
Delta R.T. -0.055 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:278 Resp: 39893
Ion Ratio Lower Upper
278 100
139 27.8 18.9 28.3
279 31.0 20.8 31.2

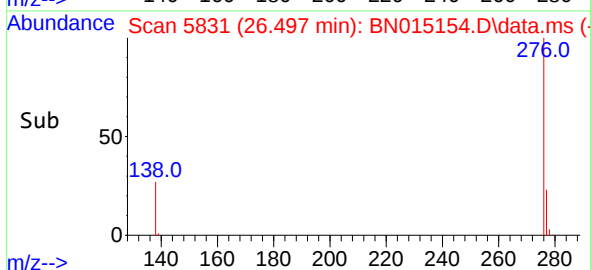
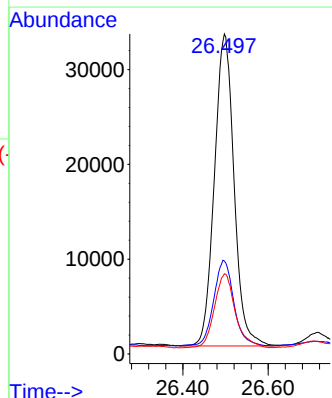
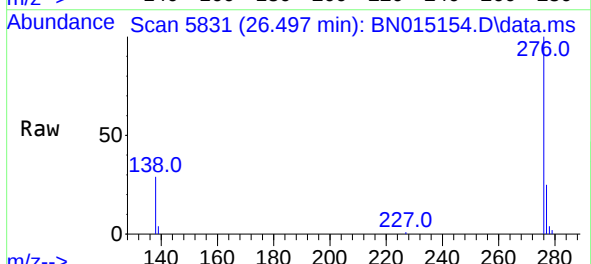
Instrument :
BNA_N
ClientSampleId :
BGD85

Manual Integrations
APPROVED



#29
Benzo(g,h,i)perylene
Concen: 1.721 ng/ul
RT: 26.497 min Scan# 5831
Delta R.T. -0.028 min
Lab File: BN015154.D
Acq: 27 Jun 2021 15:40

Tgt Ion:276 Resp: 105195
Ion Ratio Lower Upper
276 100
138 29.0 23.0 34.4
277 25.0 19.3 28.9



mohammad

6/28/2021 1:28:45 PM