

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015135.D
 Acq On : 27 Jun 2021 03:11
 Operator : CG/JU
 Sample : M2680-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC1

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:54 PM

Quant Time: Jun 28 01:25:36 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	3412	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.502	136	12151	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.350	164	7797	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	14352	0.400	ng/ul	-0.01
17) Chrysene-d12	21.301	240	11672	0.400	ng/ul	#-0.01
23) Perylene-d12	23.546	264	15921	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12948	3.367	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4069	0.213	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	10805	0.282	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.546	128	386259	9.964	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	38886	1.533	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	30997	1.263	ng/ul	98
10) Acenaphthylene	14.068	152	176011	4.366	ng/ul	99
11) Acenaphthene	14.415	153	687368	22.251	ng/ul	98
12) Fluorene	15.405	166	526658	15.429	ng/ul	100
15) Phenanthrene	17.146	178	3591820	68.955	ng/ul	99
16) Anthracene	17.235	178	1383870	30.133	ng/ul	99
19) Fluoranthene	19.170	202	4874460	90.377	ng/ul	99
20) Pyrene	19.532	202	4164512	76.988	ng/ul	100
21) Benzo(a)anthracene	21.284	228	2932022m	67.812	ng/ul	
22) Chrysene	21.336	228	2411025	46.580	ng/ul	98
24) Benzo(b)fluoranthene	22.876	252	2903232m	39.033	ng/ul	
25) Benzo(k)fluoranthene	22.917	252	1297851m	15.460	ng/ul	
26) Benzo(a)pyrene	23.452	252	2532454	40.538	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.810	276	1483919	19.667	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.813	278	397346	6.717	ng/ul	97
29) Benzo(g,h,i)perylene	26.500	276	1196681	17.117	ng/ul	99

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

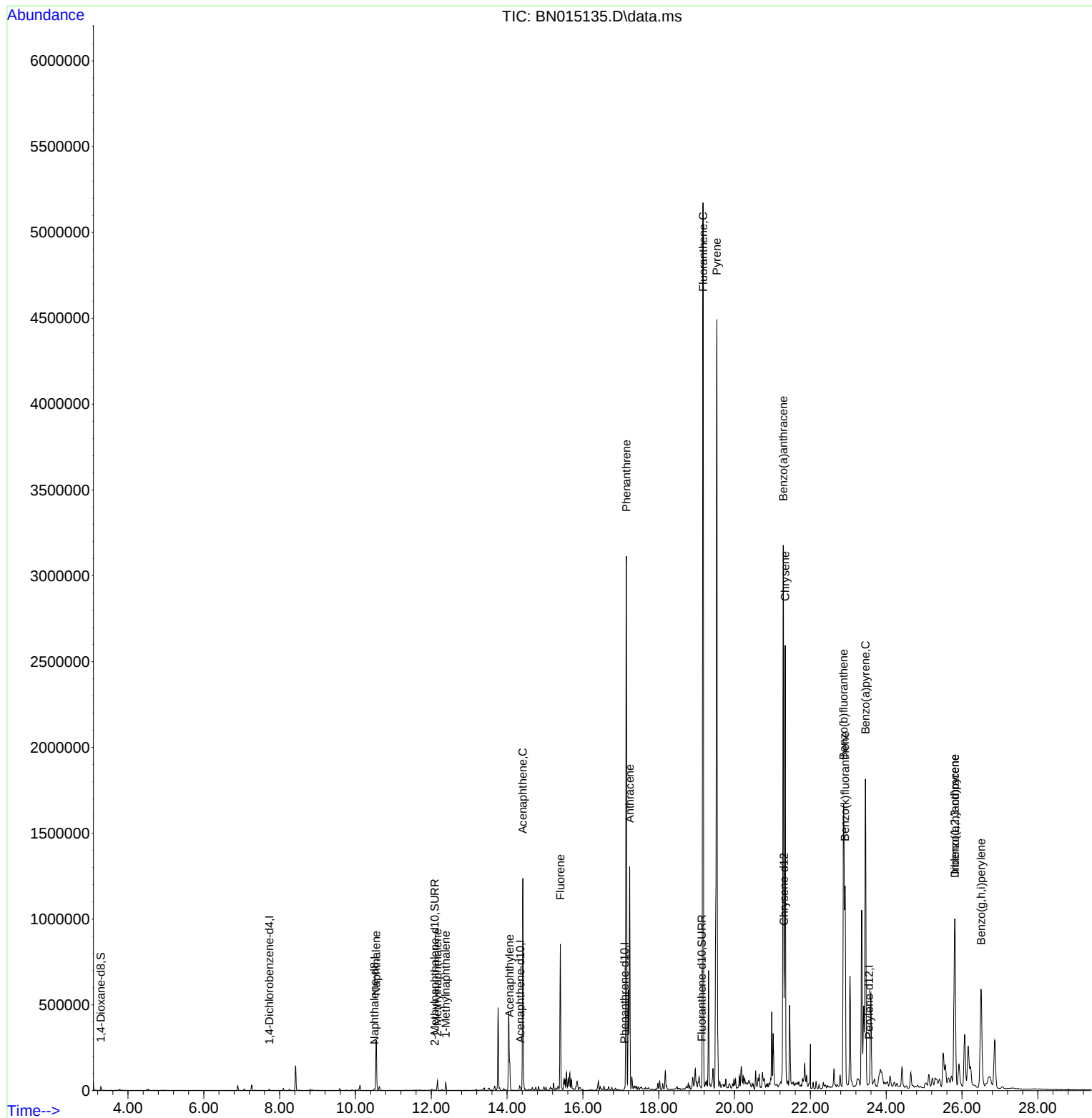
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015135.D
Acq On : 27 Jun 2021 03:11
Operator : CG/JU
Sample : M2680-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

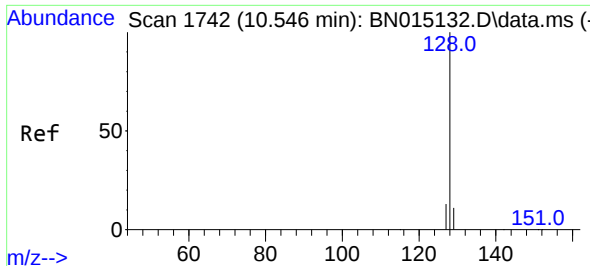
Instrument :
BNA_N
ClientSampleId :
BGDC1

Manual Integrations
APPROVED

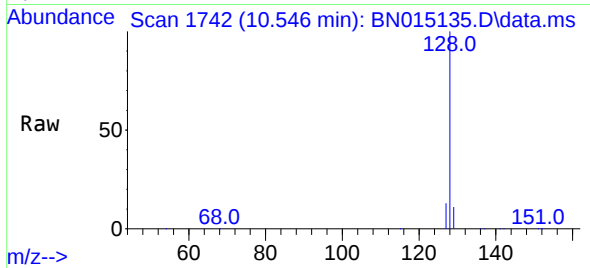
mohammad
6/28/2021 1:27:54 PM

Quant Time: Jun 28 01:25:36 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

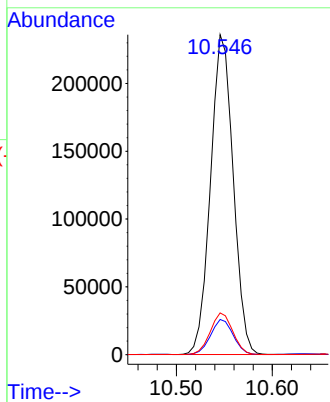
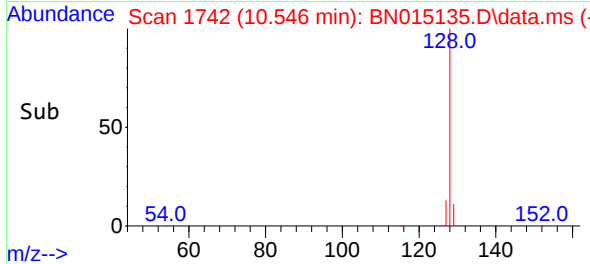




#5
Naphthalene
Concen: 9.964 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



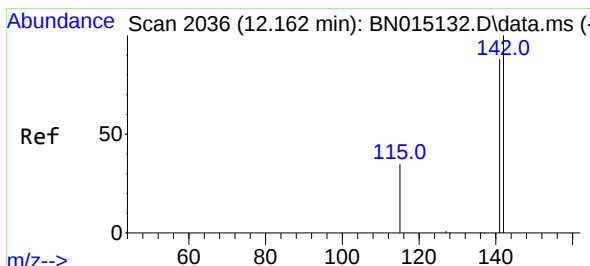
Tgt Ion:128 Resp: 386259
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.0 10.8 16.2



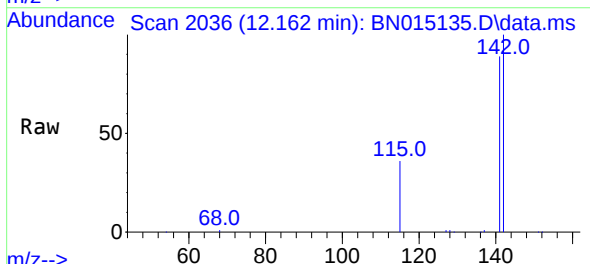
Instrument :
BNA_N
ClientSampled :
BGDC1

Manual Integrations
APPROVED

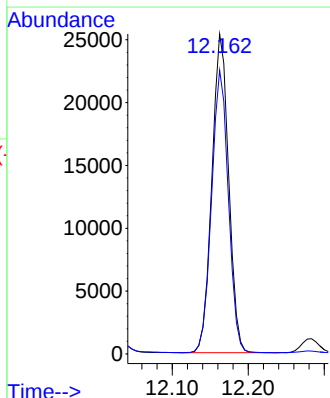
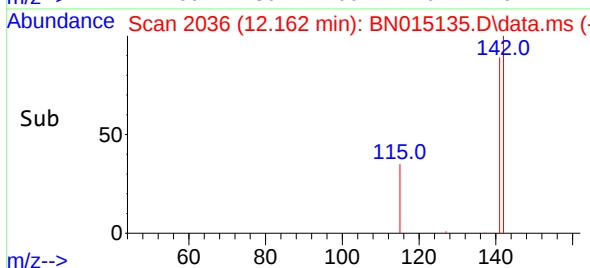
mohammad
6/28/2021 1:27:54 PM

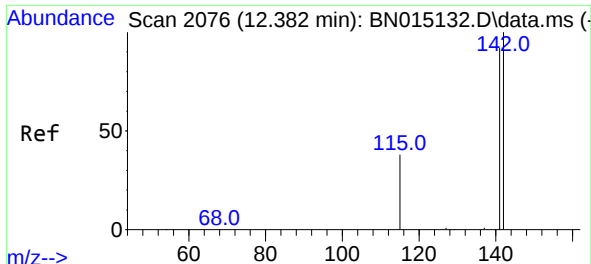


#7
2-Methylnaphthalene
Concen: 1.533 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



Tgt Ion:142 Resp: 38886
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5





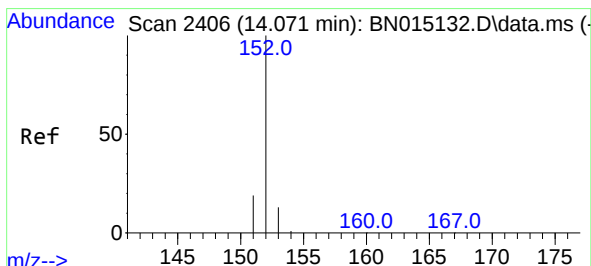
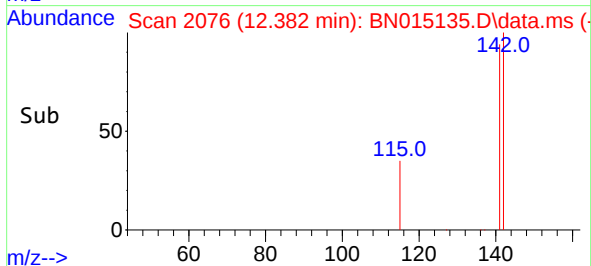
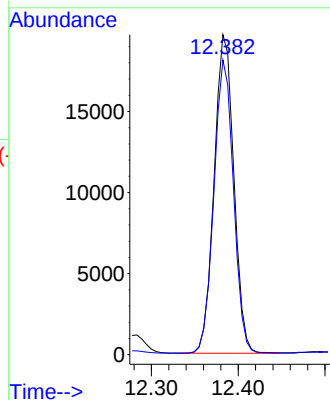
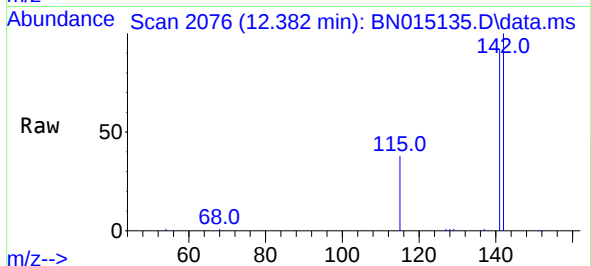
#8
1-Methylnaphthalene
Concen: 1.263 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

Tgt Ion:142 Resp: 30997
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4

Instrument :
BNA_N
ClientSampled :
BGDC1

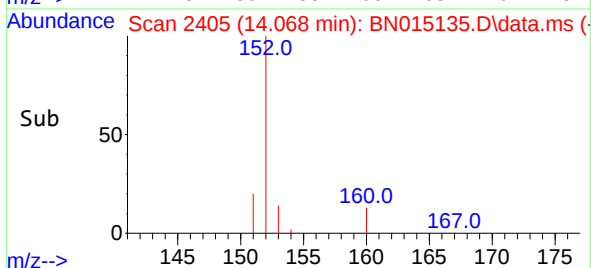
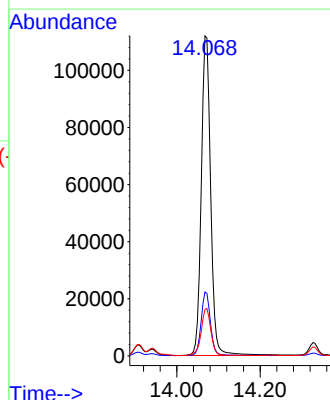
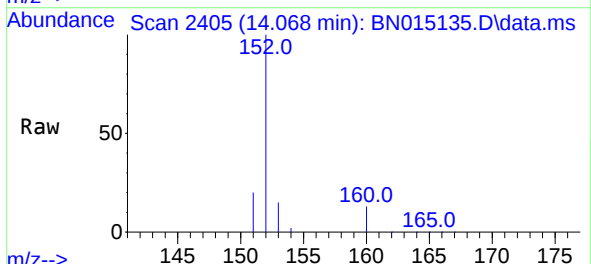
Manual Integrations
APPROVED

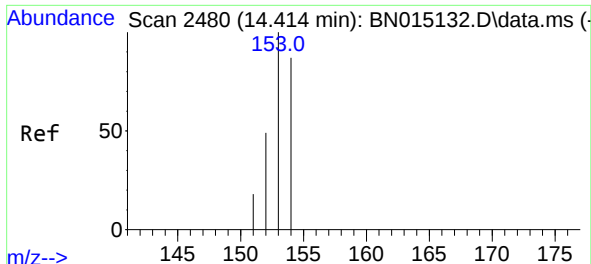
mohammad
6/28/2021 1:27:54 PM



#10
Acenaphthylene
Concen: 4.366 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

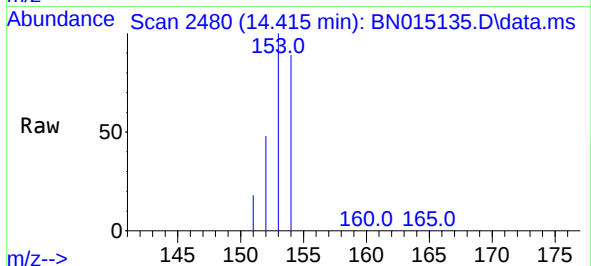
Tgt Ion:152 Resp: 176011
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 22.251 ng/ul
RT: 14.415 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

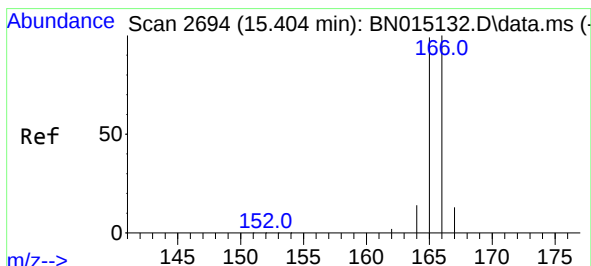
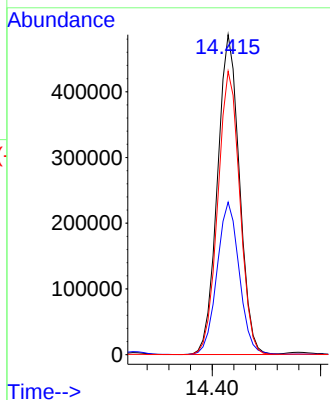
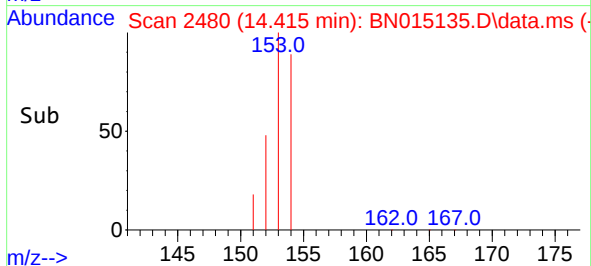
Instrument :
BNA_N
ClientSampled :
BGDC1



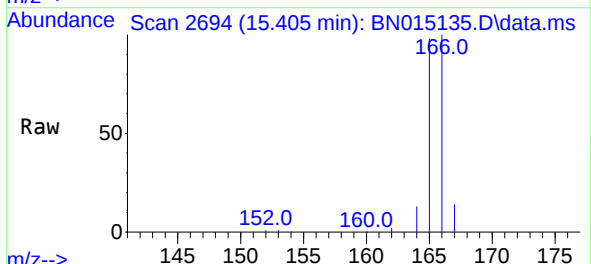
Tgt Ion:153 Resp: 687368
Ion Ratio Lower Upper
153 100
152 47.6 39.8 59.6
154 88.6 69.8 104.8

Manual Integrations
APPROVED

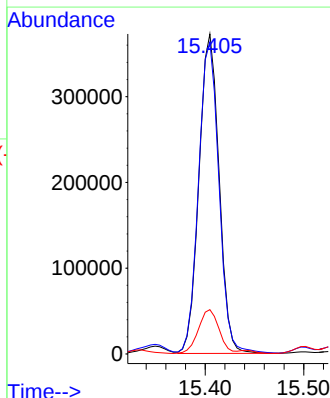
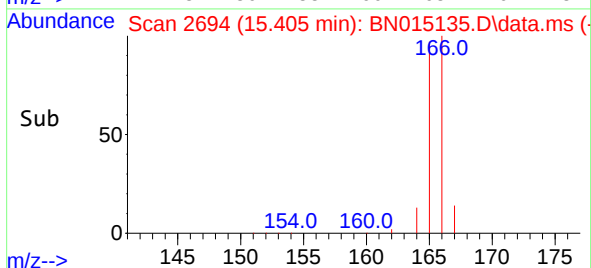
mohammad
6/28/2021 1:27:54 PM

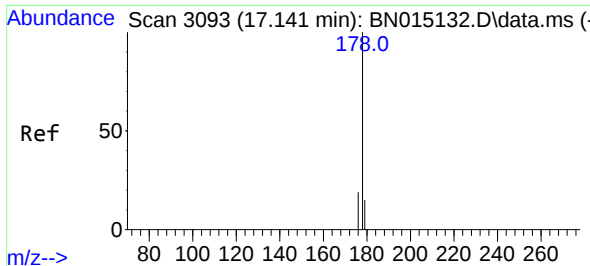


#12
Fluorene
Concen: 15.429 ng/ul
RT: 15.405 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

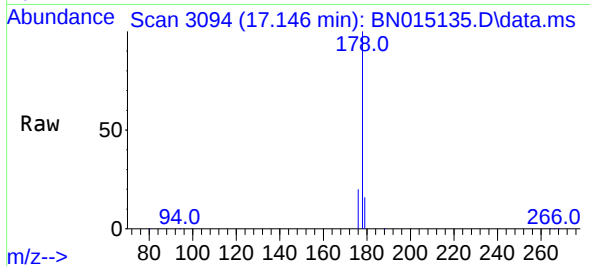


Tgt Ion:166 Resp: 526658
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.9 11.2 16.8

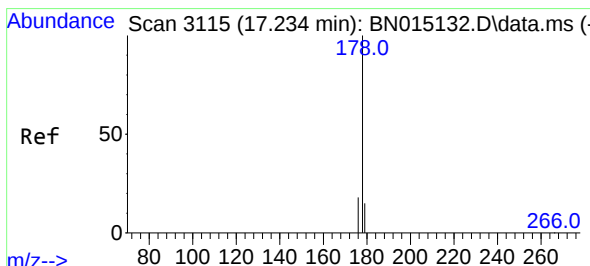
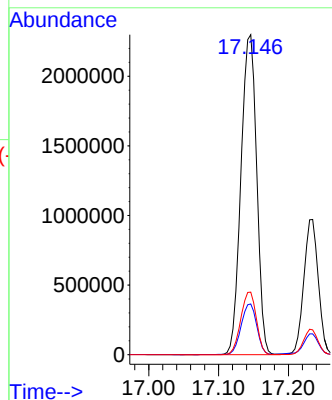
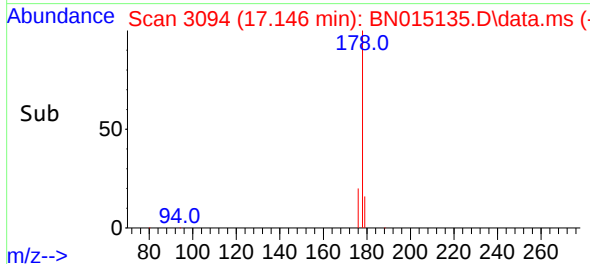




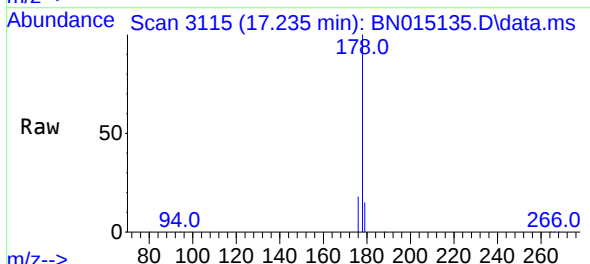
#15
Phenanthrene
Concen: 68.955 ng/u1
RT: 17.146 min Scan# 3094
Delta R.T. -0.005 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



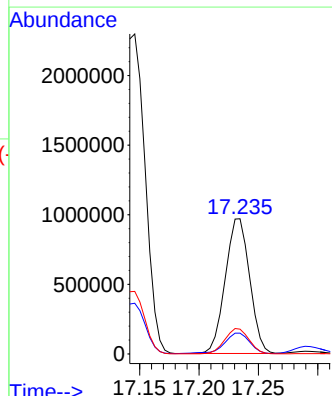
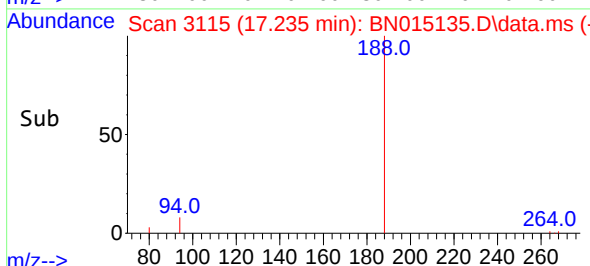
Tgt Ion:178 Resp: 3591820
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.5 23.3



#16
Anthracene
Concen: 30.133 ng/u1
RT: 17.235 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



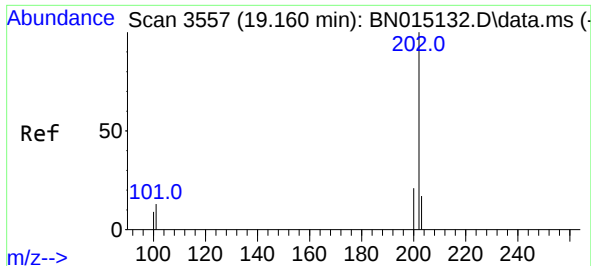
Tgt Ion:178 Resp: 1383870
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.3 15.2 22.8



Instrument :
BNA_N
ClientSampleId :
BGDC1

Manual Integrations
APPROVED

mohammad
6/28/2021 1:27:54 PM



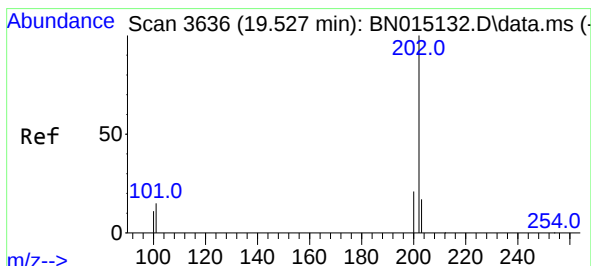
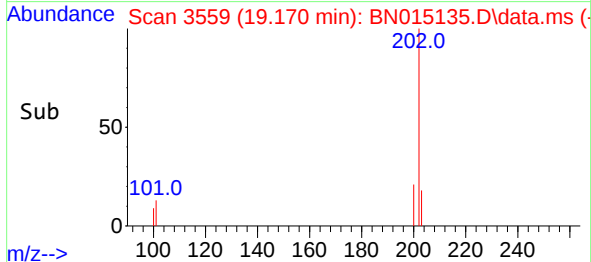
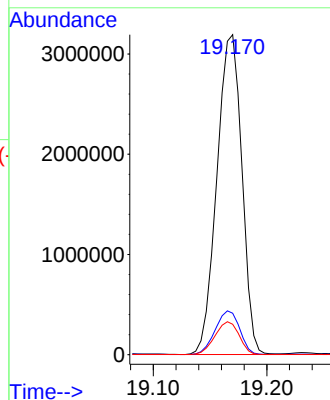
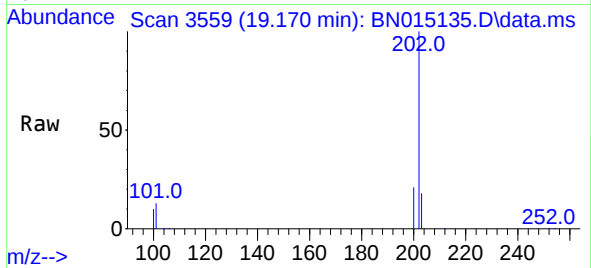
#19
Fluoranthene
Concen: 90.377 ng/u1
RT: 19.170 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

Tgt Ion:202 Resp: 4874460
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.5 7.4 11.0

Instrument :
BNA_N
ClientSampleId :
BGDC1

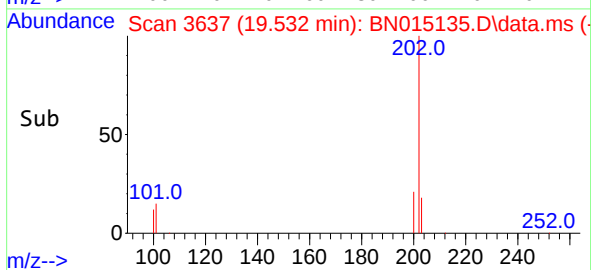
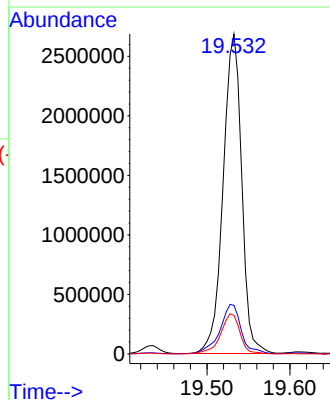
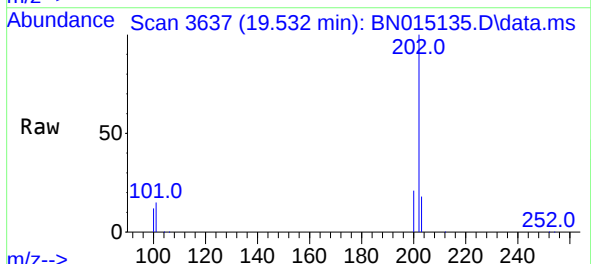
Manual Integrations
APPROVED

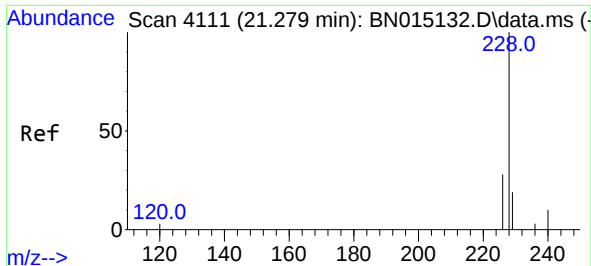
mohammad
6/28/2021 1:27:54 PM



#20
Pyrene
Concen: 76.988 ng/u1
RT: 19.532 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

Tgt Ion:202 Resp: 4164512
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.1 9.6 14.4





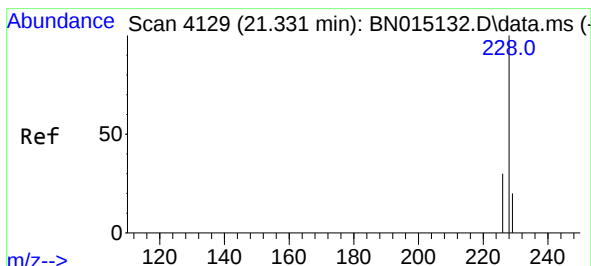
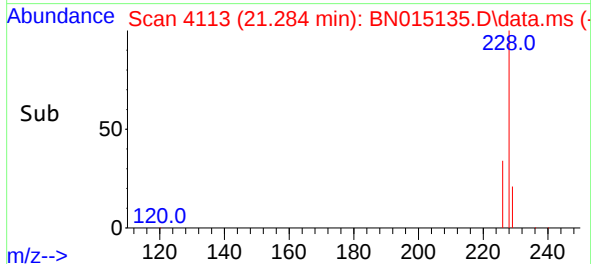
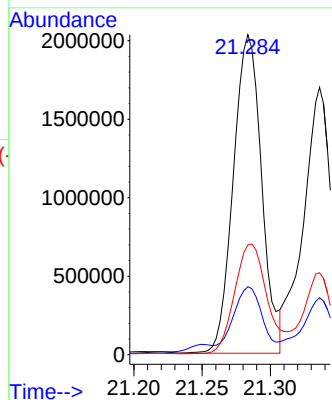
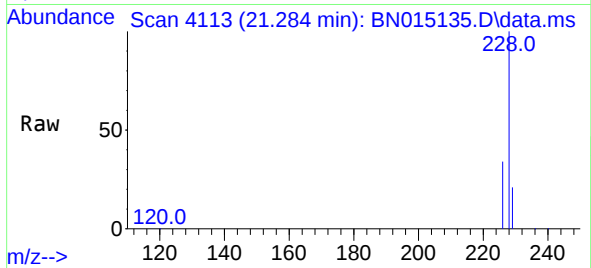
#21
Benzo(a)anthracene
Concen: 67.812 ng/ul m
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

Tgt Ion:228 Resp: 2932022
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 34.3 21.8 32.8#

Instrument :
BNA_N
ClientSampled :
BGDC1

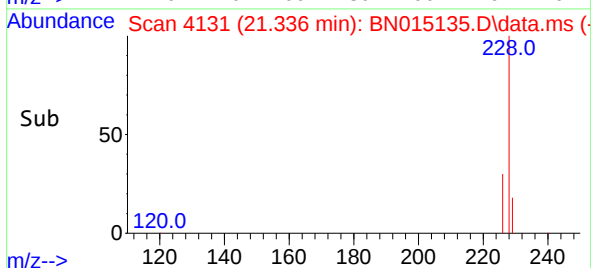
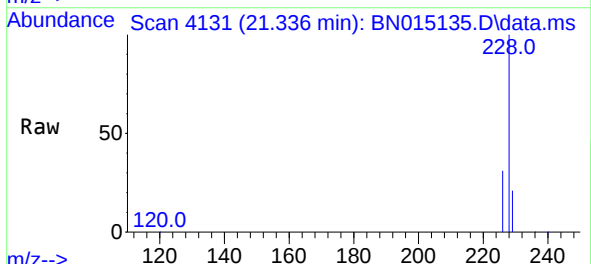
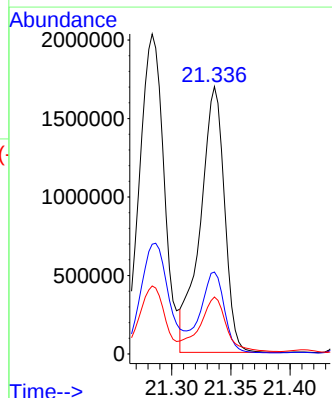
Manual Integrations
APPROVED

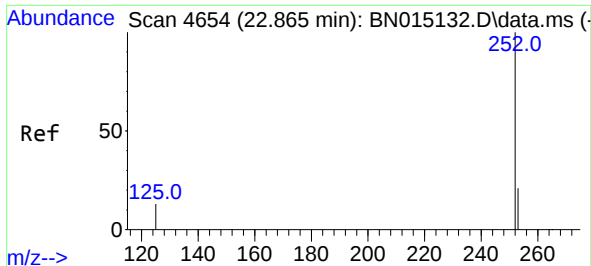
mohammad
6/28/2021 1:27:54 PM



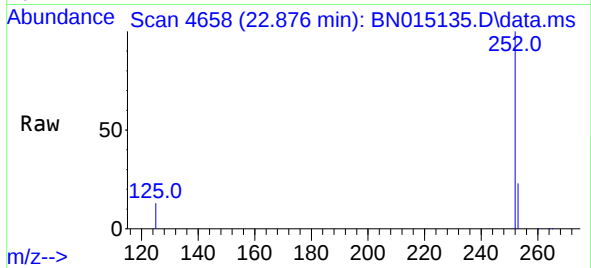
#22
Chrysene
Concen: 46.580 ng/ul
RT: 21.336 min Scan# 4131
Delta R.T. -0.013 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11

Tgt Ion:228 Resp: 2411025
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.3 15.7 23.5

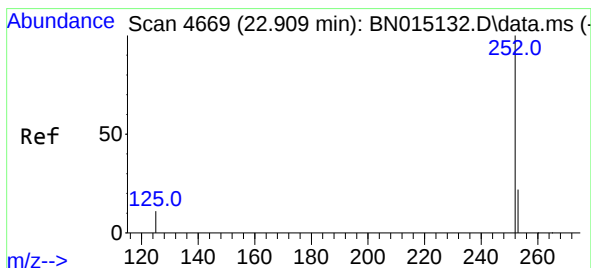
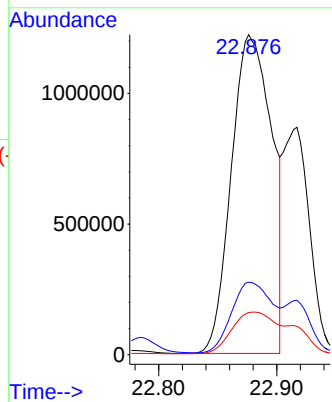
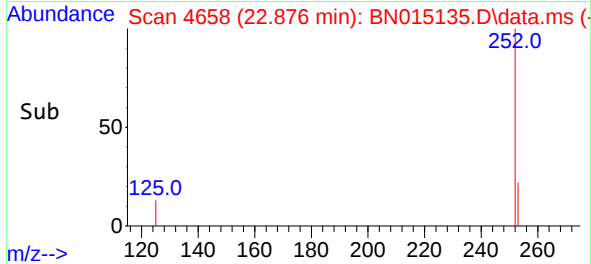




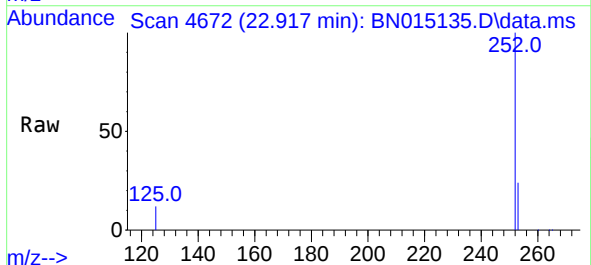
#24
Benzo(b)fluoranthene
Concen: 39.033 ng/ul m
RT: 22.876 min Scan# 4658
Delta R.T. -0.018 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



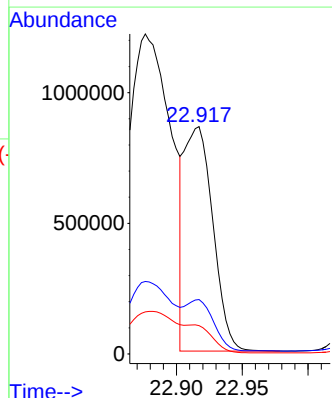
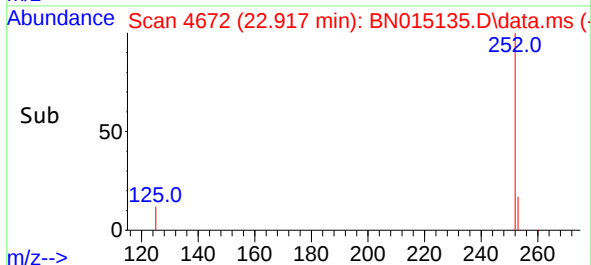
Tgt Ion:252 Resp: 2903232
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 13.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 15.460 ng/ul m
RT: 22.917 min Scan# 4672
Delta R.T. -0.021 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



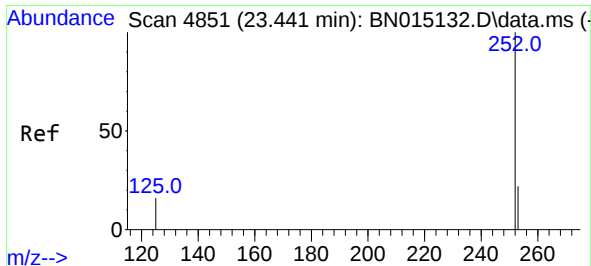
Tgt Ion:252 Resp: 1297851
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.5 11.5 17.3



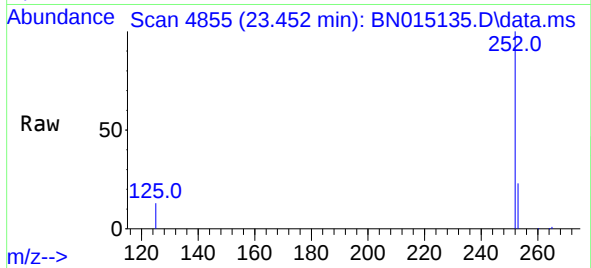
Instrument :
BNA_N
ClientSampled :
BGDC1

Manual Integrations
APPROVED

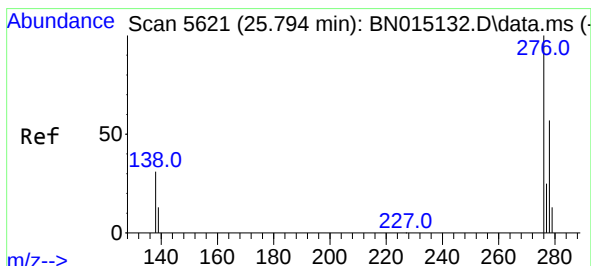
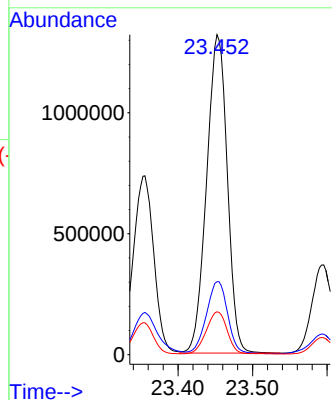
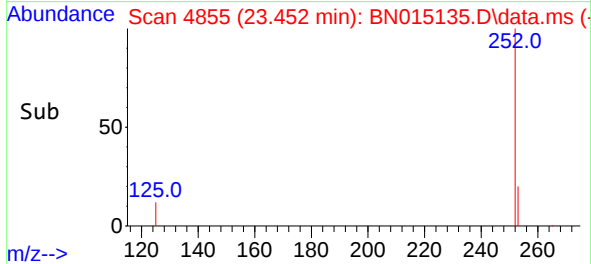
mohammad
6/28/2021 1:27:54 PM



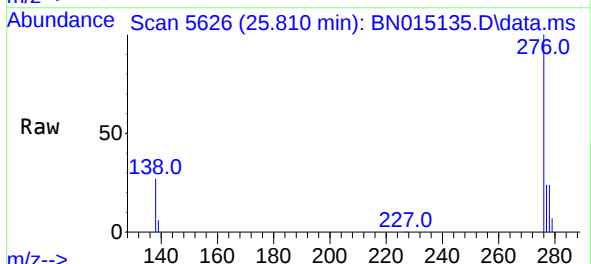
#26
Benzo(a)pyrene
Concen: 40.538 ng/ul
RT: 23.452 min Scan# 4855
Delta R.T. -0.018 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



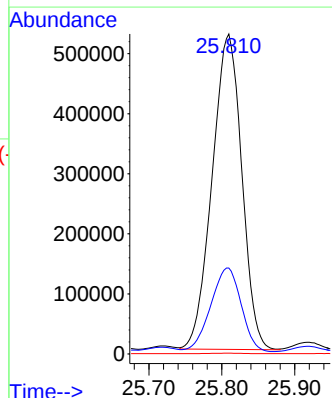
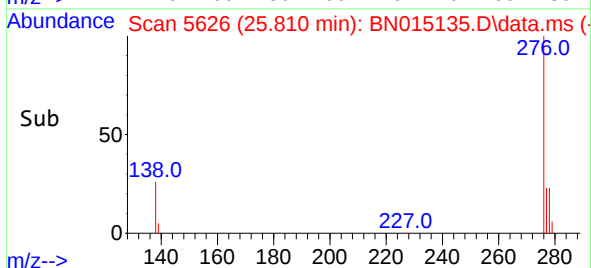
Tgt Ion:252 Resp: 2532454
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 13.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 19.667 ng/ul
RT: 25.810 min Scan# 5626
Delta R.T. -0.031 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



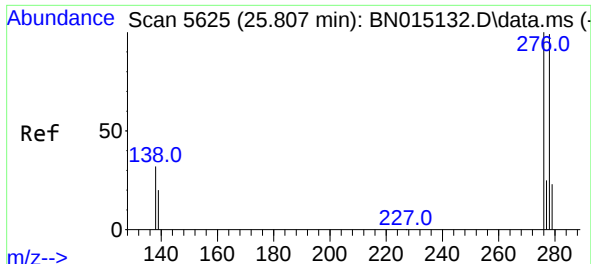
Tgt Ion:276 Resp: 1483919
Ion Ratio Lower Upper
276 100
138 27.2 26.3 39.5
227 0.2 0.1 0.1#



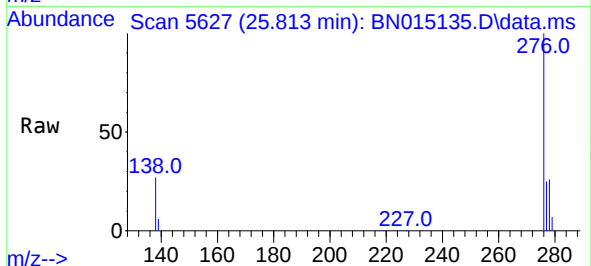
Instrument :
BNA_N
ClientSampled :
BGDC1

Manual Integrations
APPROVED

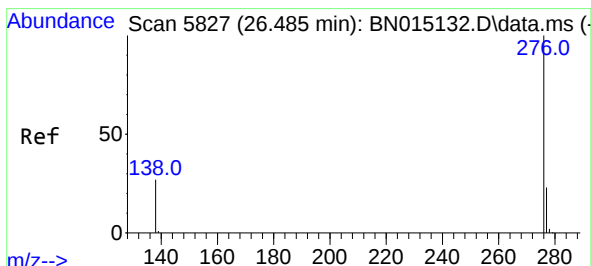
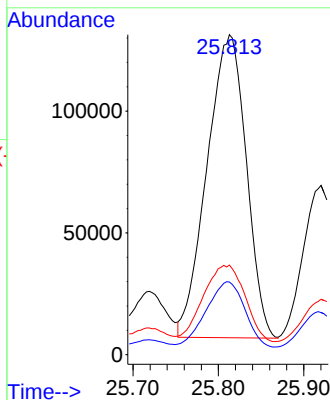
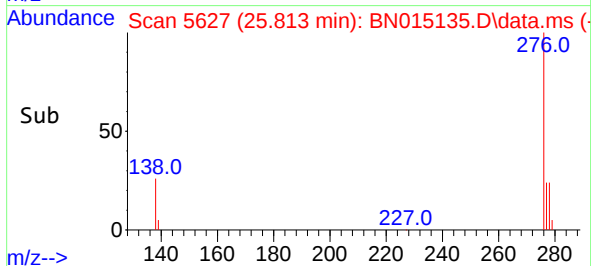
mohammad
6/28/2021 1:27:54 PM



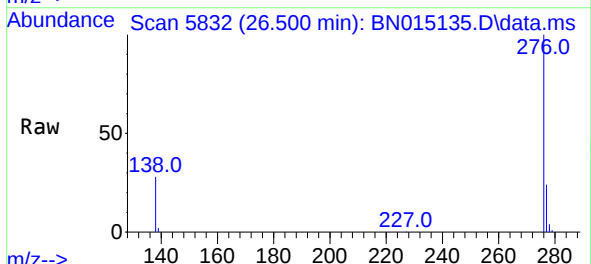
#28
Dibenzo(a,h)anthracene
Concen: 6.717 ng/ul
RT: 25.813 min Scan# 5627
Delta R.T. -0.048 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



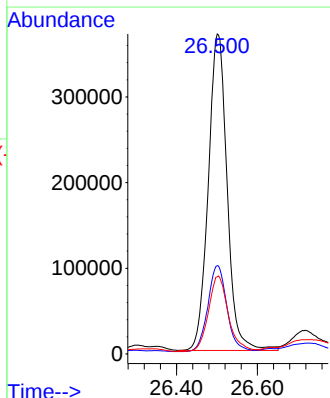
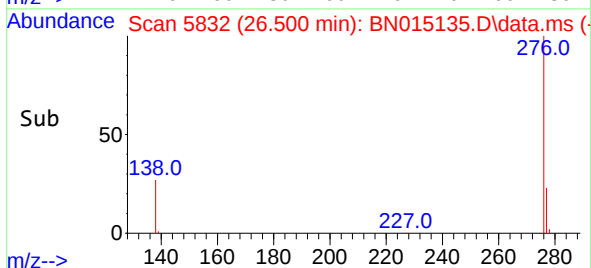
Tgt Ion:278 Resp: 397346
Ion Ratio Lower Upper
278 100
139 22.7 18.9 28.3
279 28.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 17.117 ng/ul
RT: 26.500 min Scan# 5832
Delta R.T. -0.024 min
Lab File: BN015135.D
Acq: 27 Jun 2021 03:11



Tgt Ion:276 Resp: 1196681
Ion Ratio Lower Upper
276 100
138 27.6 23.0 34.4
277 24.1 19.3 28.9



Instrument :
BNA_N
ClientSampleId :
BGDC1

Manual Integrations
APPROVED

mohammad
6/28/2021 1:27:54 PM