

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015443.D
 Acq On : 09 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2854-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS4

Manual Integrations
 APPROVED

mohammad
 7/9/2021 3:05:01 PM

Quant Time: Jul 09 13:52:06 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	2549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	9010	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	4934	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.087	188	9679	0.400	ng/ul	0.00
17) Chrysene-d12	21.286	240	7816	0.400	ng/ul	0.00
23) Perylene-d12	23.531	264	6538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6627	2.307	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	2566	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.119	212	6369	0.248	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.529	128	14181	0.493	ng/ul	100
7) 2-Methylnaphthalene	12.146	142	2709	0.144	ng/ul	98
8) 1-Methylnaphthalene	12.366	142	1415	0.078	ng/ul	99
10) Acenaphthylene	14.054	152	17322	0.679	ng/ul	98
11) Acenaphthene	14.401	153	48536	2.483	ng/ul	99
12) Fluorene	15.391	166	51132	2.367	ng/ul	100
15) Phenanthrene	17.125	178	599286	17.059	ng/ul	100
16) Anthracene	17.218	178	220612	7.123	ng/ul	99
19) Fluoranthene	19.151	202	791785	21.923	ng/ul	100
20) Pyrene	19.514	202	568530	15.695	ng/ul	99
21) Benzo(a)anthracene	21.272	228	355780	12.288	ng/ul	96
22) Chrysene	21.324	228	279226	8.056	ng/ul	99
24) Benzo(b)fluoranthene	22.859	252	324592m	10.627	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	130246m	3.778	ng/ul	
26) Benzo(a)pyrene	23.432	252	199057	7.759	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.776	276	120498	3.889	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.783	278	36185	1.489	ng/ul	99
29) Benzo(g,h,i)perylene	26.464	276	9347	0.326	ng/ul#	88

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

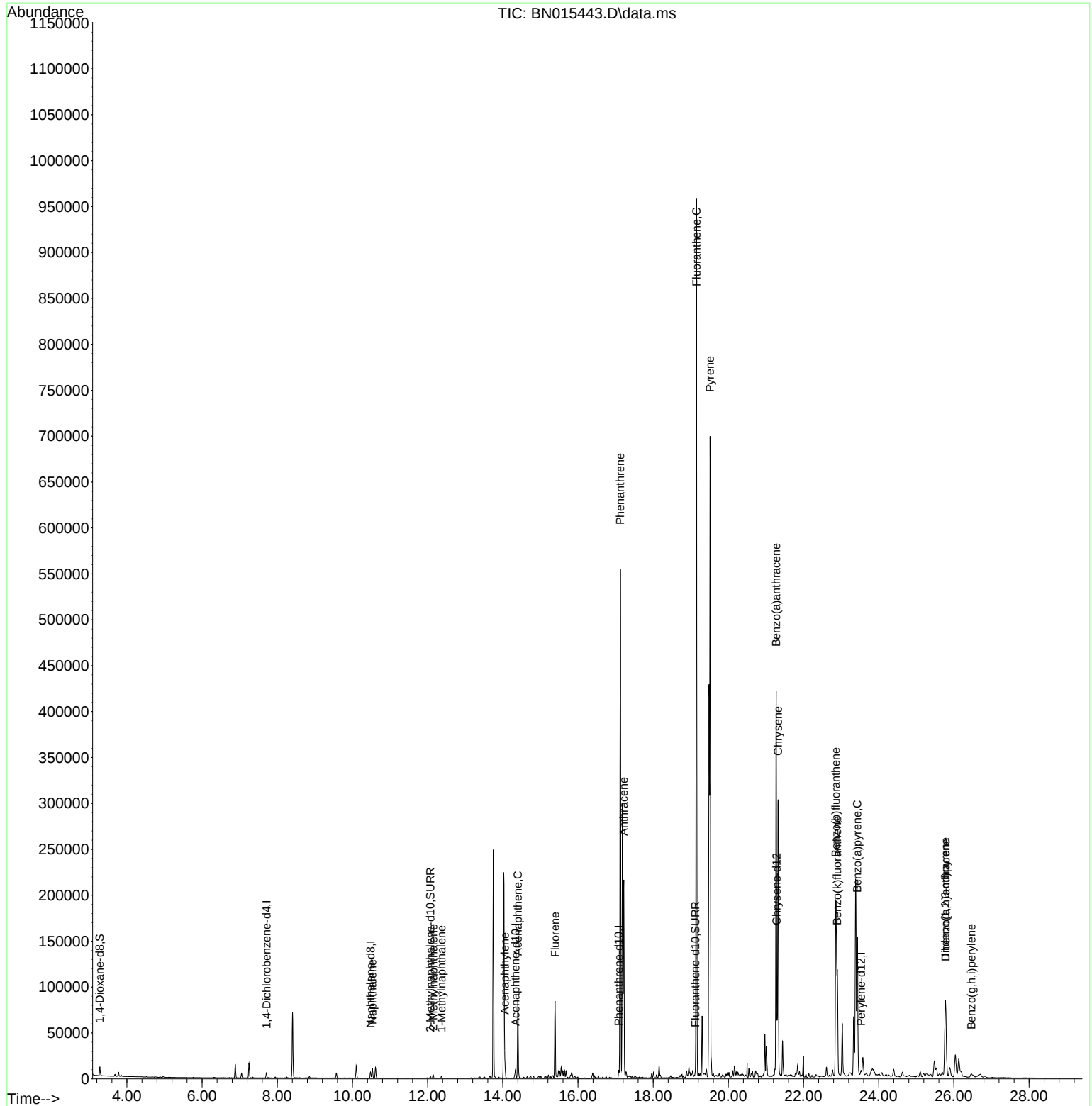
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015443.D
Acq On : 09 Jul 2021 13:22
Operator : CG/JU
Sample : M2854-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

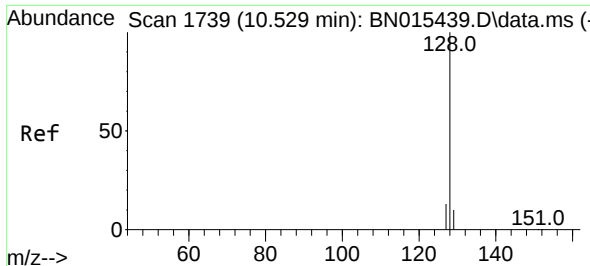
Instrument :
BNA_N
ClientSampleId :
BGDS4

Manual Integrations
APPROVED

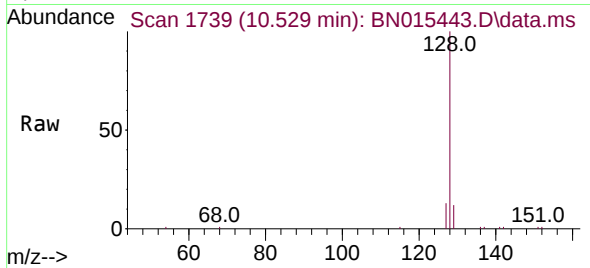
mohammad
7/9/2021 3:05:01 PM

Quant Time: Jul 09 13:52:06 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

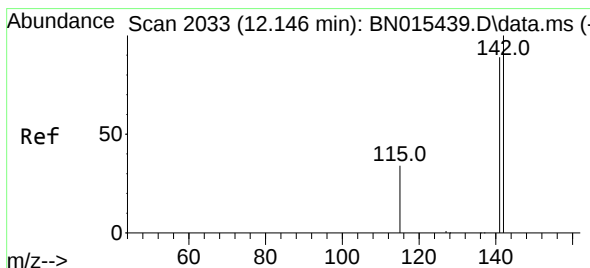
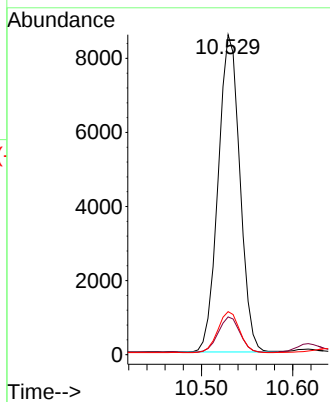
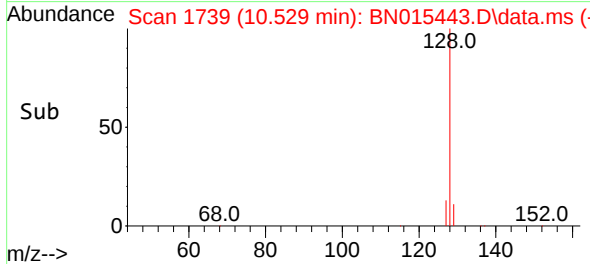




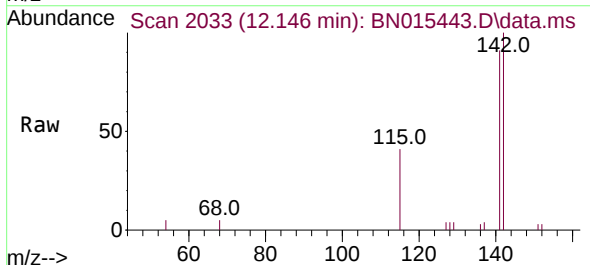
#5
Naphthalene
Concen: 0.493 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



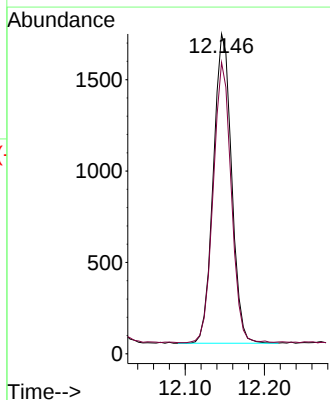
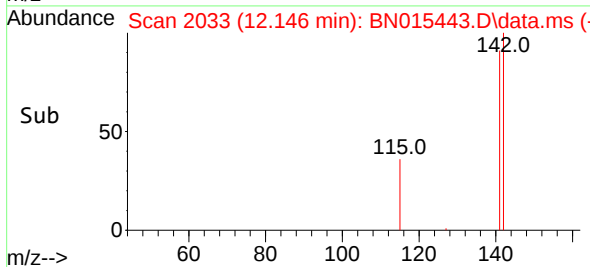
Tgt Ion:128 Resp: 14181
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



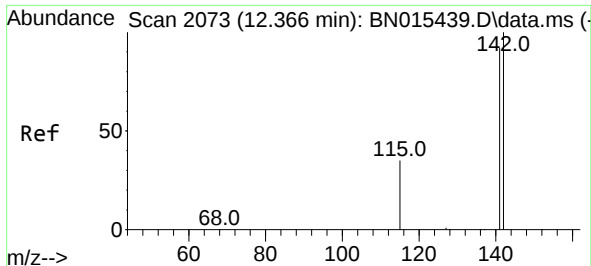
Tgt Ion:142 Resp: 2709
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5



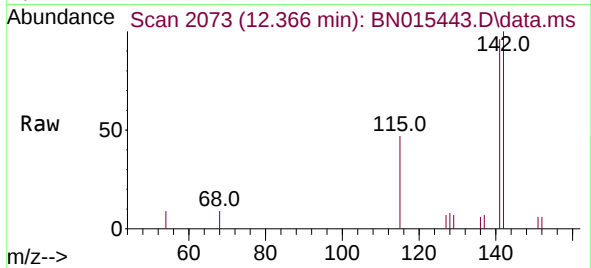
Instrument :
BNA_N
ClientSampled :
BGDS4

Manual Integrations
APPROVED

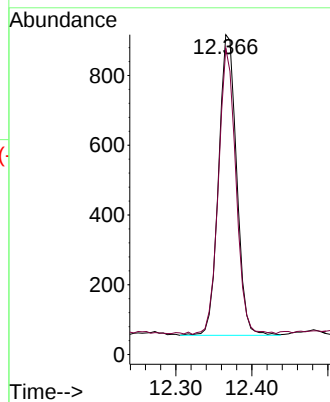
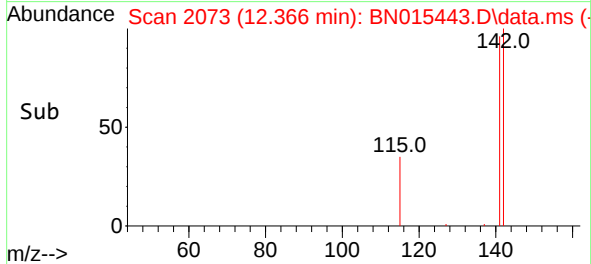
mohammad
7/9/2021 3:05:01 PM



#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



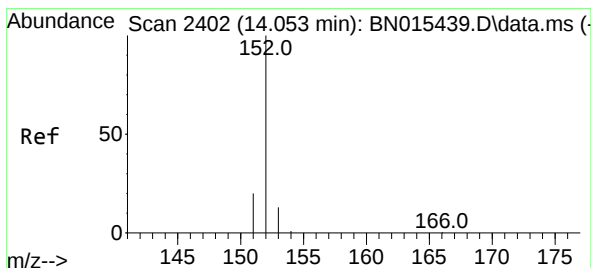
Tgt Ion:142 Resp: 1415
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4



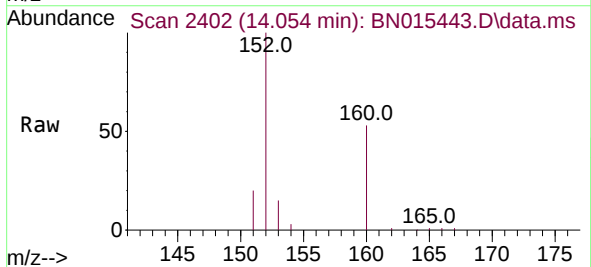
Instrument :
BNA_N
ClientSampled :
BGDS4

Manual Integrations
APPROVED

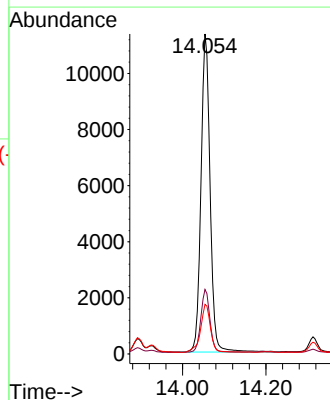
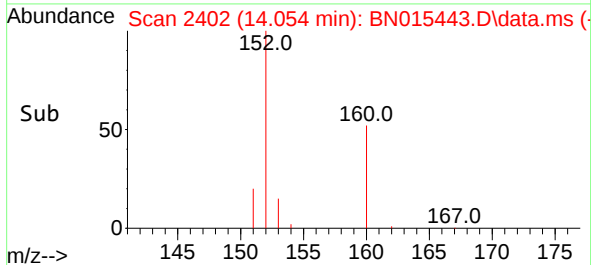
mohammad
7/9/2021 3:05:01 PM

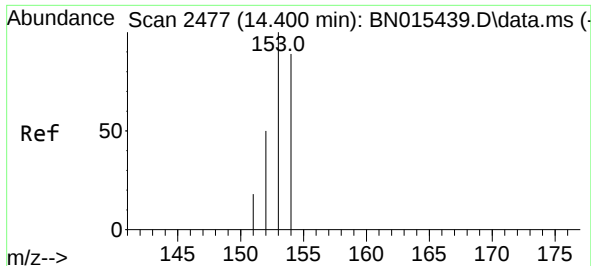


#10
Acenaphthylene
Concen: 0.679 ng/ul
RT: 14.054 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



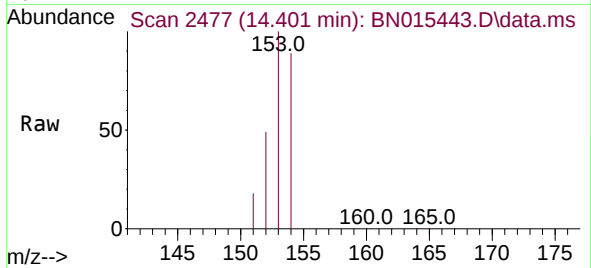
Tgt Ion:152 Resp: 17322
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 15.5 10.9 16.3



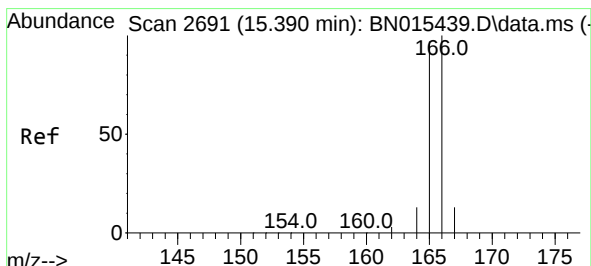
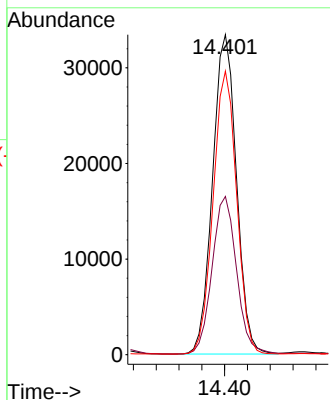
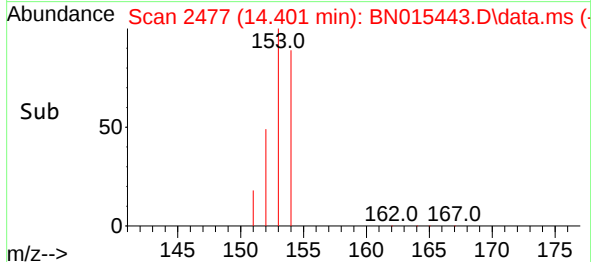


#11
Acenaphthene
Concen: 2.483 ng/ul
RT: 14.401 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22

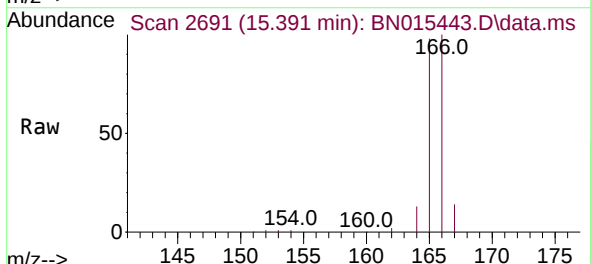
Instrument :
BNA_N
ClientSampleId :
BGDS4



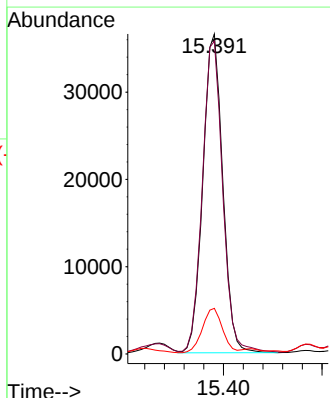
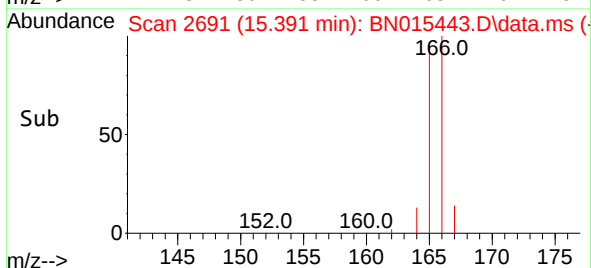
Tgt Ion:153 Resp: 48536
Ion Ratio Lower Upper
153 100
152 49.5 39.8 59.6
154 88.6 69.8 104.8

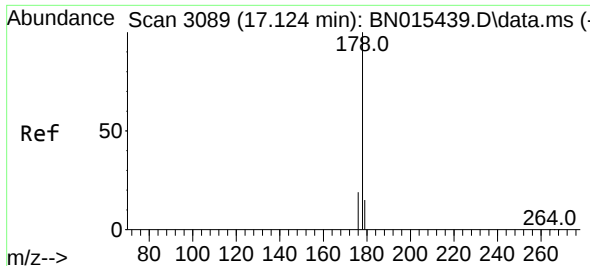


#12
Fluorene
Concen: 2.367 ng/ul
RT: 15.391 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



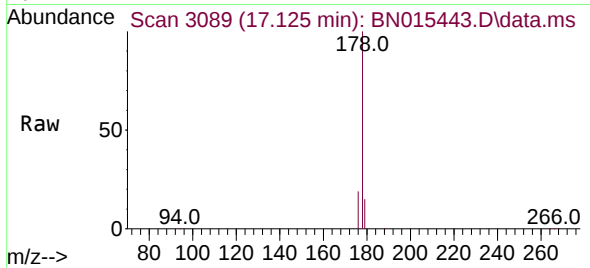
Tgt Ion:166 Resp: 51132
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 14.3 11.2 16.8





#15
Phenanthrene
Concen: 17.059 ng/u1
RT: 17.125 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22

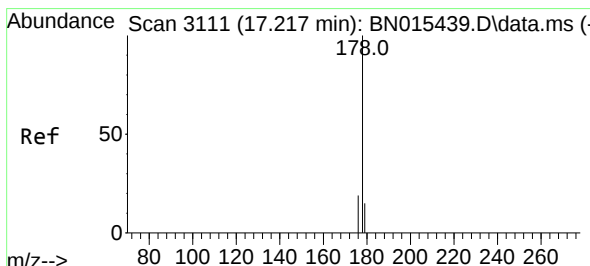
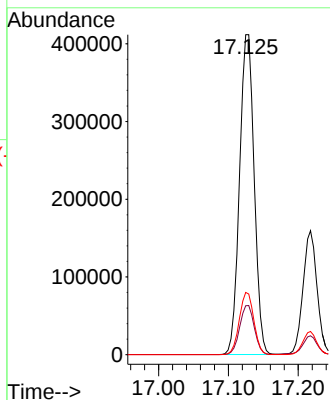
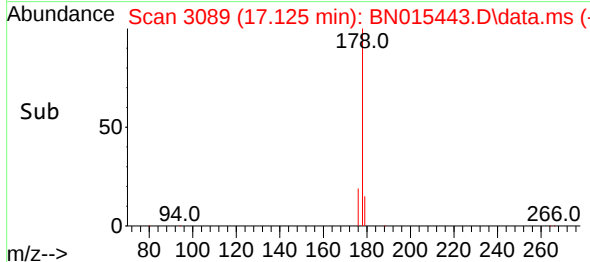
Instrument :
BNA_N
ClientSampled :
BGDS4



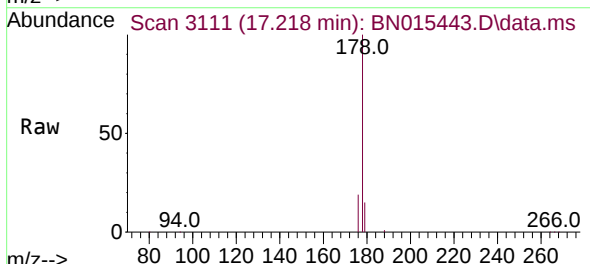
Tgt Ion:178 Resp: 599286
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.5 23.3

Manual Integrations
APPROVED

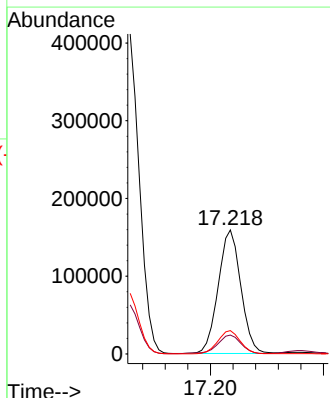
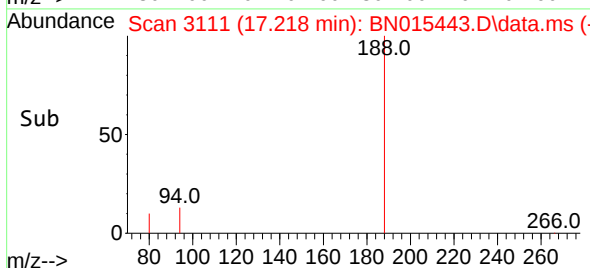
mohammad
7/9/2021 3:05:01 PM

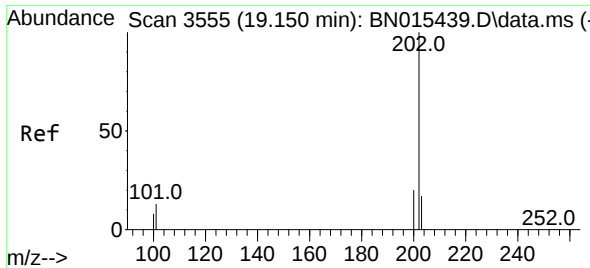


#16
Anthracene
Concen: 7.123 ng/u1
RT: 17.218 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22

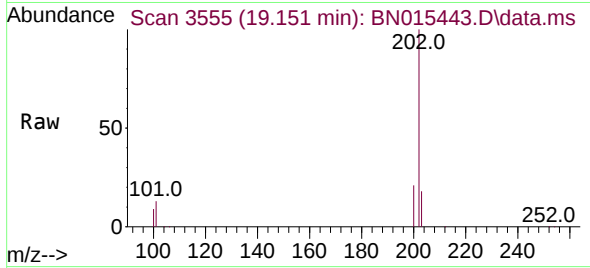


Tgt Ion:178 Resp: 220612
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.8 15.2 22.8

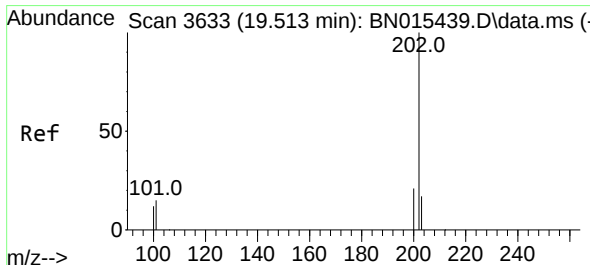
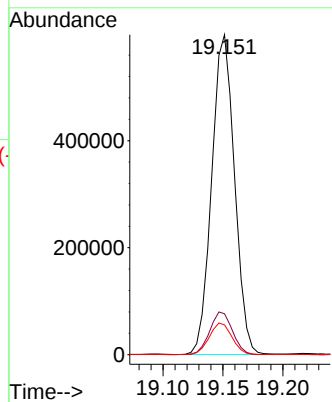
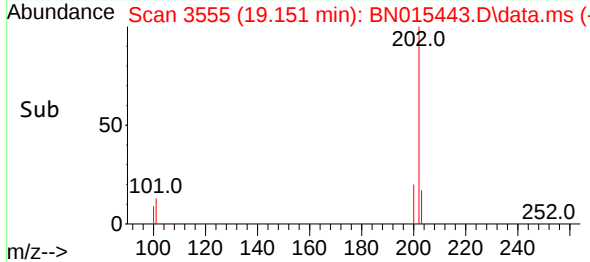




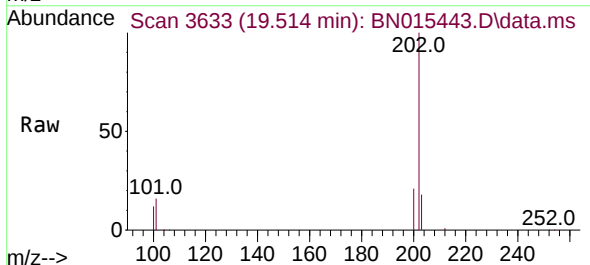
#19
Fluoranthene
Concen: 21.923 ng/ul
RT: 19.151 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



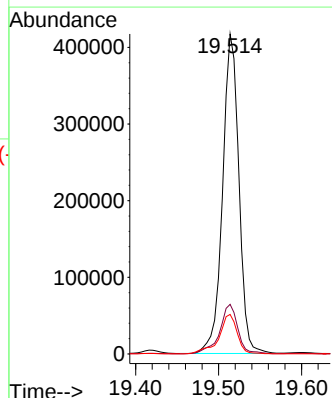
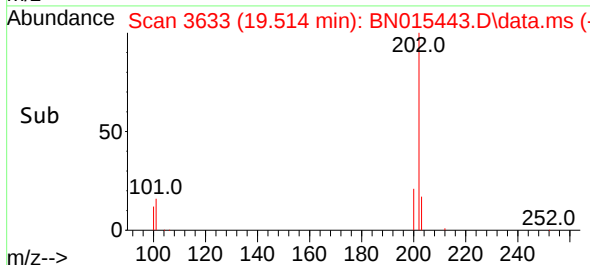
Tgt Ion:202 Resp: 791785
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.3 7.4 11.0



#20
Pyrene
Concen: 15.695 ng/ul
RT: 19.514 min Scan# 3633
Delta R.T. -0.003 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



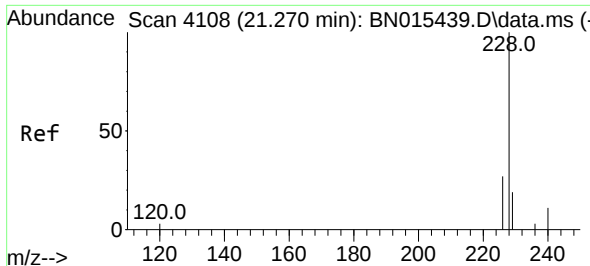
Tgt Ion:202 Resp: 568530
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.4 9.6 14.4



Instrument :
BNA_N
ClientSampleId :
BGDS4

Manual Integrations
APPROVED

mohammad
7/9/2021 3:05:01 PM



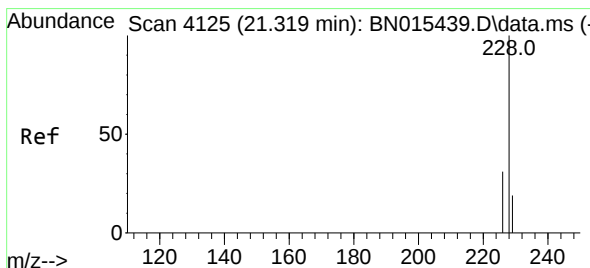
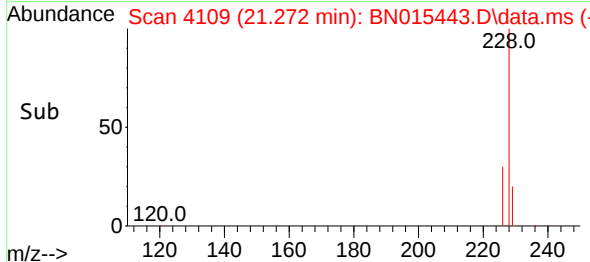
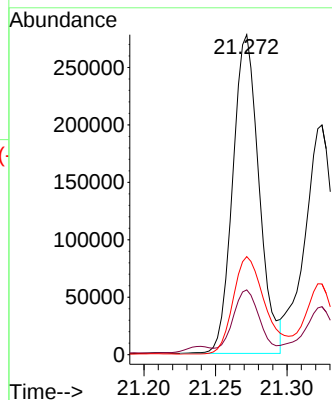
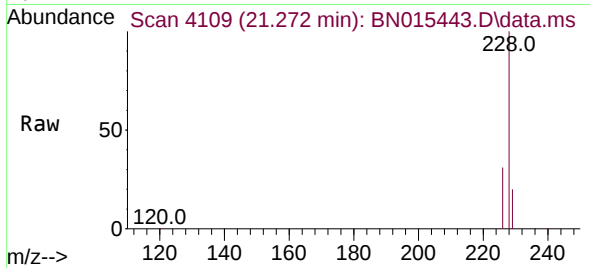
#21
Benzo(a)anthracene
Concen: 12.288 ng/ul
RT: 21.272 min Scan# 4109
Delta R.T. -0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22

Tgt Ion:228 Resp: 355780
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 30.7 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDS4

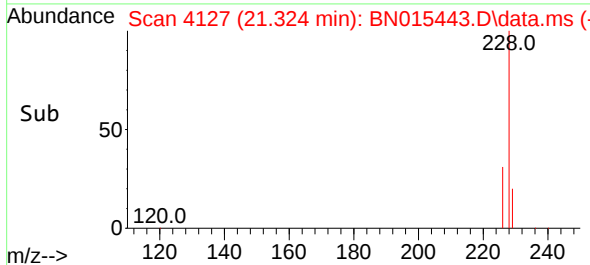
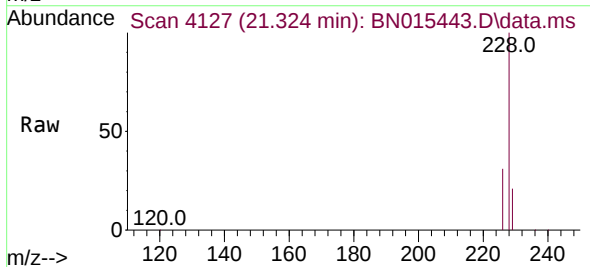
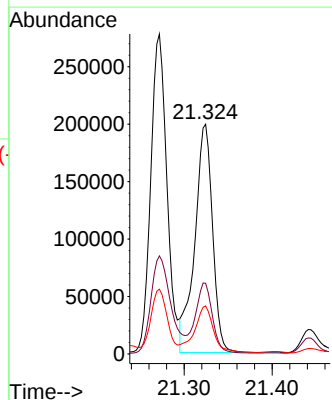
Manual Integrations
APPROVED

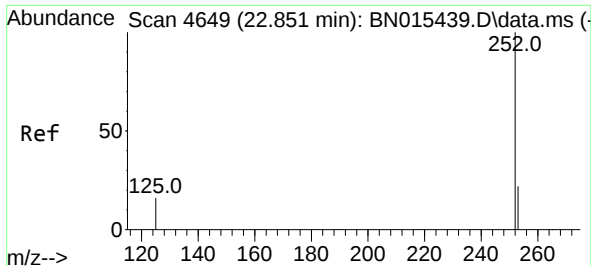
mohammad
7/9/2021 3:05:01 PM



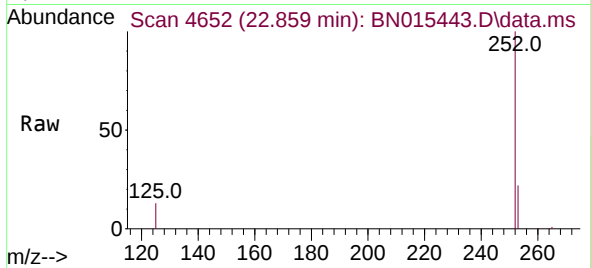
#22
Chrysene
Concen: 8.056 ng/ul
RT: 21.324 min Scan# 4127
Delta R.T. 0.003 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22

Tgt Ion:228 Resp: 279226
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.9 15.7 23.5

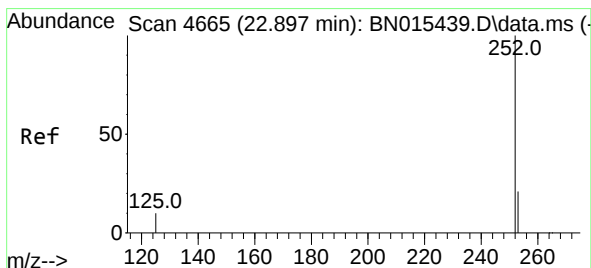
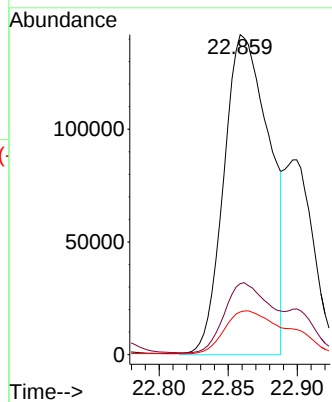
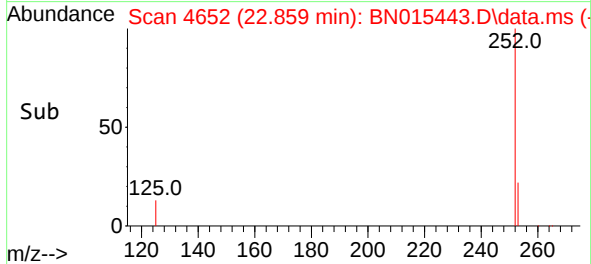




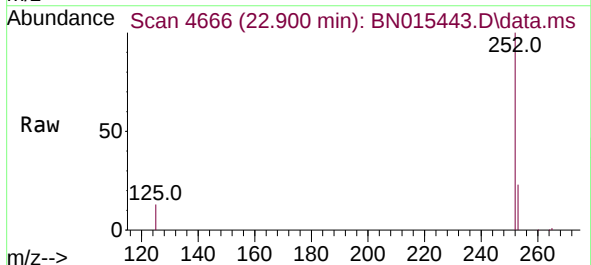
#24
Benzo(b)fluoranthene
Concen: 10.627 ng/ul m
RT: 22.859 min Scan# 4652
Delta R.T. 0.003 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



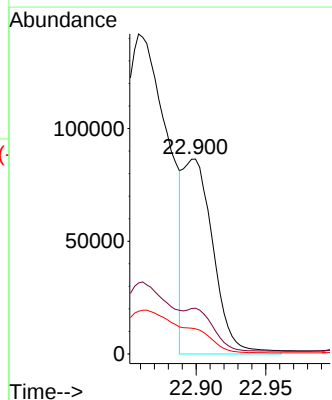
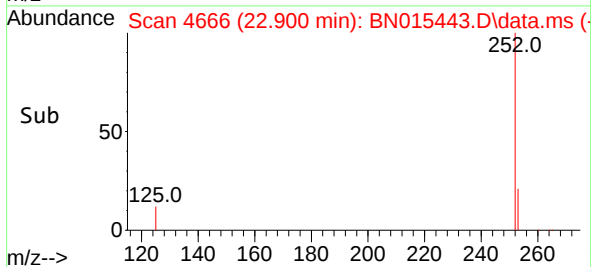
Tgt Ion:252 Resp: 324592
Ion Ratio Lower Upper
252 100
253 22.2 0.0 45.6
125 13.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 3.778 ng/ul m
RT: 22.900 min Scan# 4666
Delta R.T. -0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



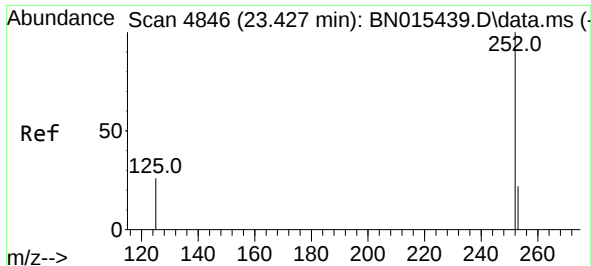
Tgt Ion:252 Resp: 130246
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 12.9 11.5 17.3



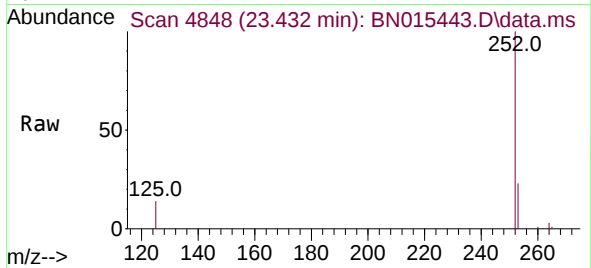
Instrument :
BNA_N
ClientSampled :
BGDS4

Manual Integrations
APPROVED

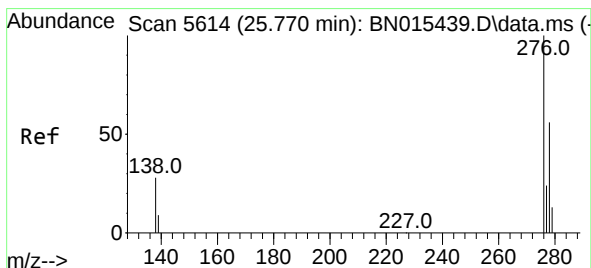
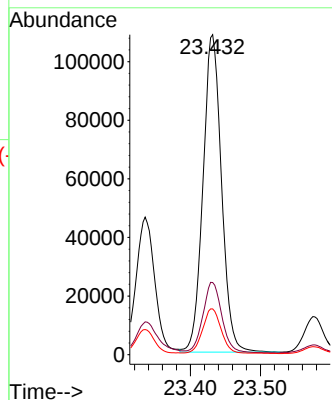
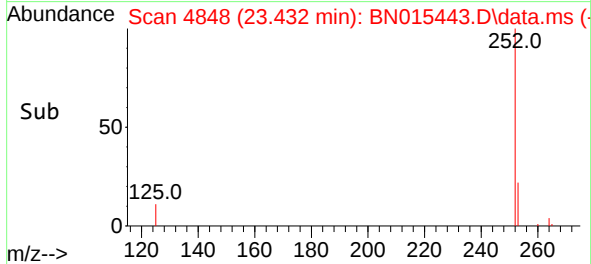
mohammad
7/9/2021 3:05:01 PM



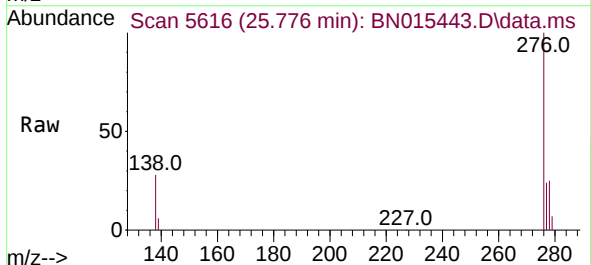
#26
Benzo(a)pyrene
Concen: 7.759 ng/ul
RT: 23.432 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



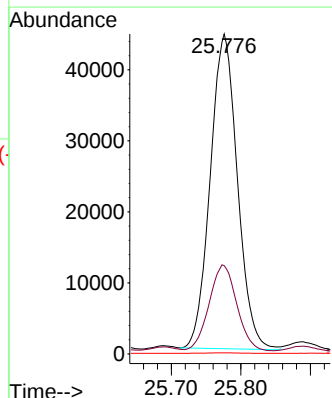
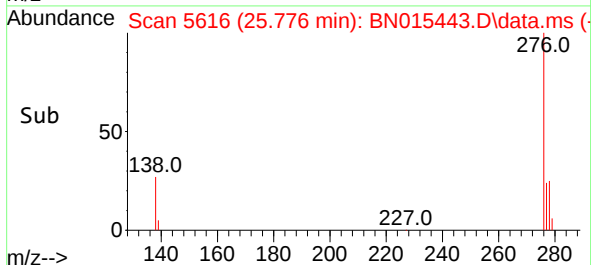
Tgt Ion:252 Resp: 199057
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 14.3 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.889 ng/ul
RT: 25.776 min Scan# 5616
Delta R.T. -0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



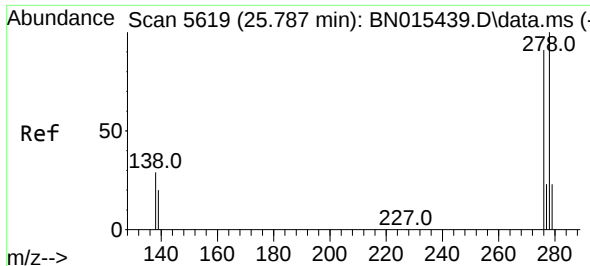
Tgt Ion:276 Resp: 120498
Ion Ratio Lower Upper
276 100
138 27.9 26.3 39.5
227 0.2 0.1 0.1#



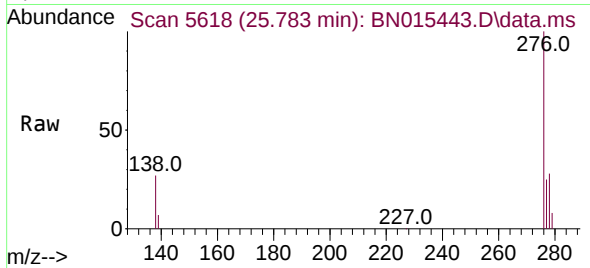
Instrument :
BNA_N
ClientSampled :
BGDS4

Manual Integrations
APPROVED

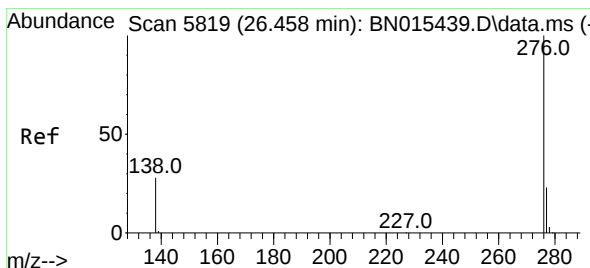
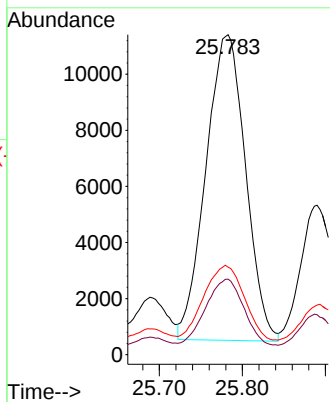
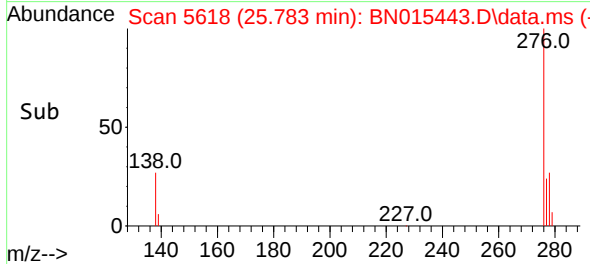
mohammad
7/9/2021 3:05:01 PM



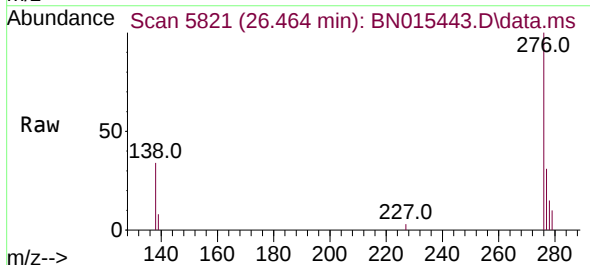
#28
Dibenzo(a,h)anthracene
Concen: 1.489 ng/ul
RT: 25.783 min Scan# 5618
Delta R.T. -0.007 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



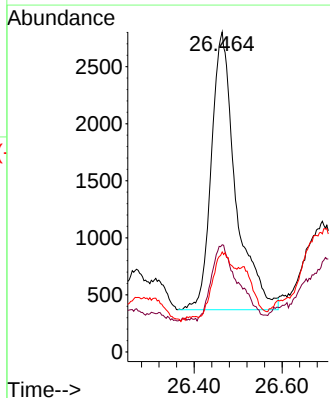
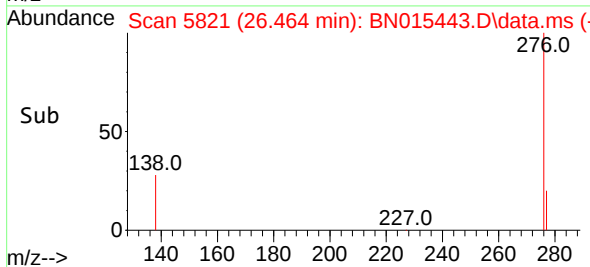
Tgt Ion:278 Resp: 36185
Ion Ratio Lower Upper
278 100
139 23.6 18.9 28.3
279 27.3 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul
RT: 26.464 min Scan# 5821
Delta R.T. -0.000 min
Lab File: BN015443.D
Acq: 09 Jul 2021 13:22



Tgt Ion:276 Resp: 9347
Ion Ratio Lower Upper
276 100
138 33.5 23.0 34.4
277 31.3 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDS4

Manual Integrations
APPROVED

mohammad
7/9/2021 3:05:01 PM