

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019842.D
 Acq On : 18 May 2022 22:20
 Operator : CG/JU
 Sample : N2766-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 05:30:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	5112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	17779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	11363	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	23291	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.400	240	17222	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	13582	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	9434m	1.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3272	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	7242	0.133	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	1851	0.032	ng/ul#	86
7) 2-Methylnaphthalene	12.306	142	1403	0.040	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1034	0.032	ng/ul#	100
10) Acenaphthylene	14.197	152	1341	0.024	ng/ul#	41
15) Phenanthrene	17.255	178	12817	0.150	ng/ul#	85
16) Anthracene	17.344	178	2174	0.031	ng/ul#	51
19) Fluoranthene	19.272	202	32689	0.415	ng/ul	99
20) Pyrene	19.634	202	30718	0.390	ng/ul	98
21) Benzo(a)anthracene	21.385	228	13886	0.216	ng/ul#	84
22) Chrysene	21.438	228	17990	0.237	ng/ul#	85
24) Benzo(b)fluoranthene	23.034	252	20026m	0.291	ng/ul	
25) Benzo(k)fluoranthene	23.074	252	8471m	0.128	ng/ul	
26) Benzo(a)pyrene	23.639	252	11346	0.193	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.144	276	9930	0.136	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.154	278	2369	0.039	ng/ul#	1
29) Benzo(g,h,i)perylene	26.879	276	1679	0.025	ng/ul#	1

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

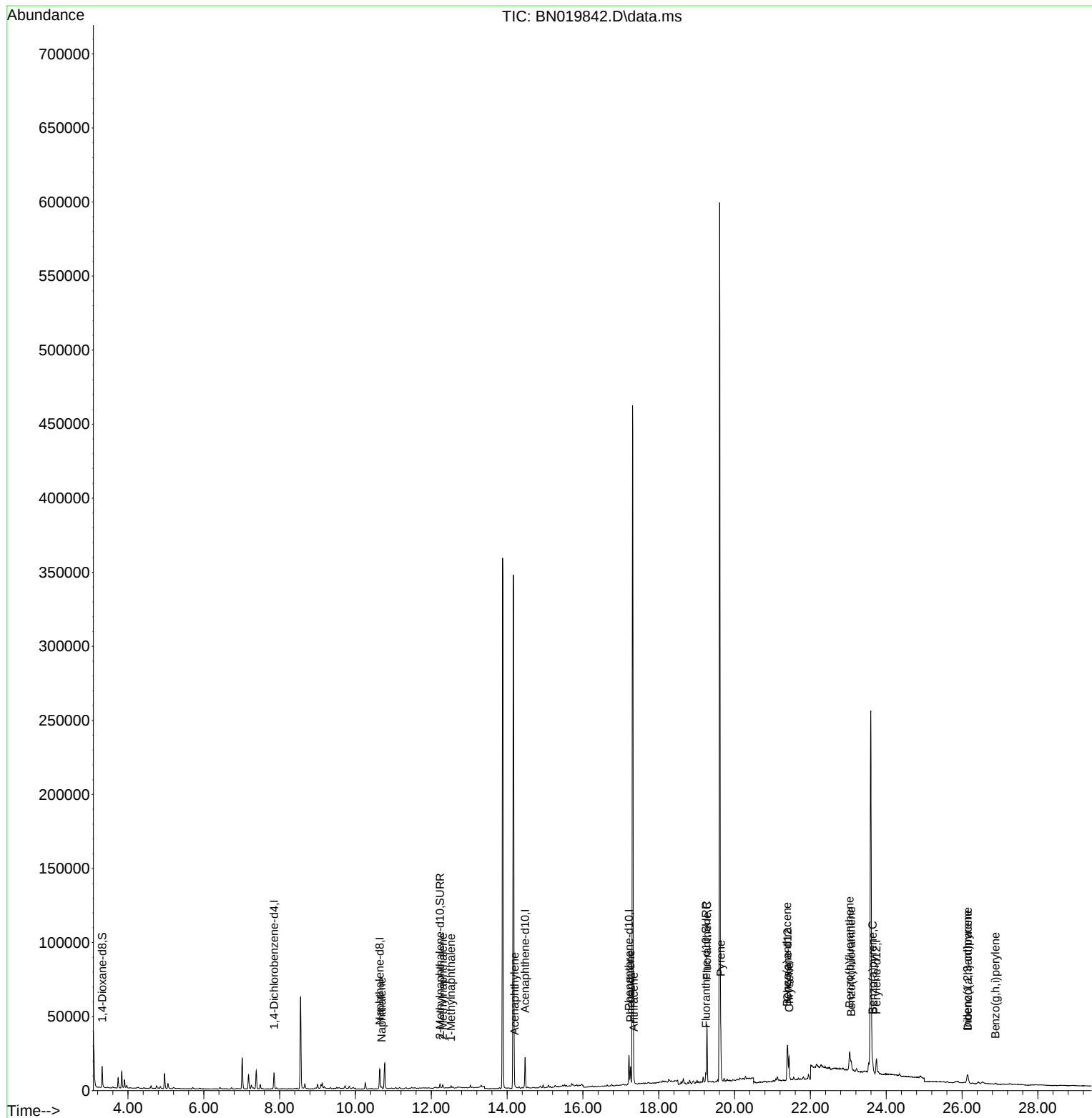
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019842.D
Acq On : 18 May 2022 22:20
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ALS Vial : 20 Sample Multiplier: 1

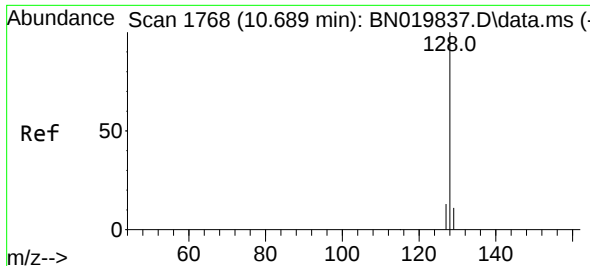
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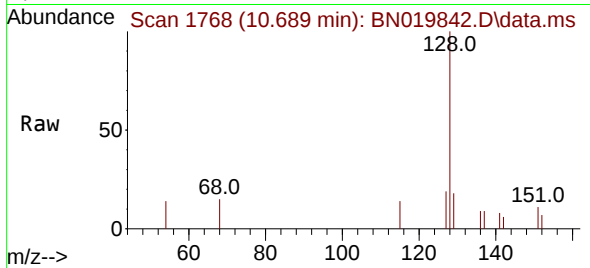
Quant Time: May 19 05:30:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

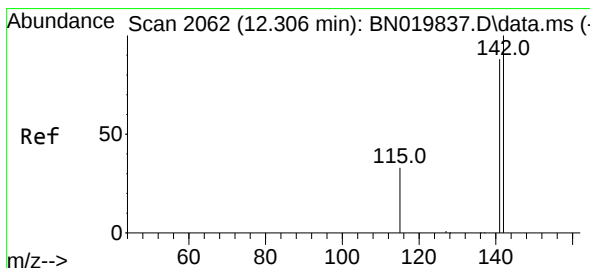
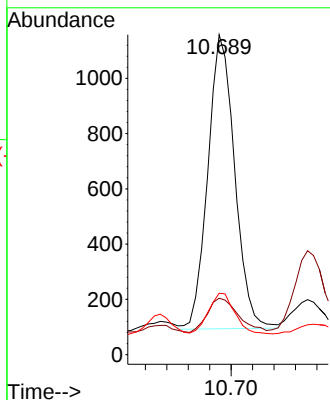
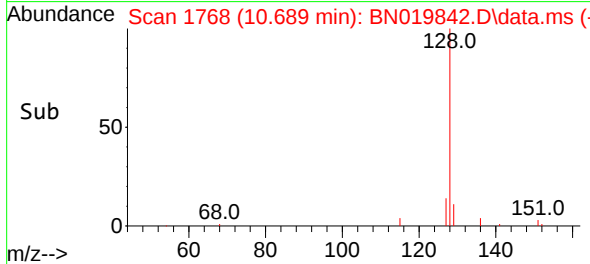
Instrument :
BNA_N
ClientSampleId :
EW4H1



Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 17.6 9.5 14.3
127 19.2 11.0 16.4

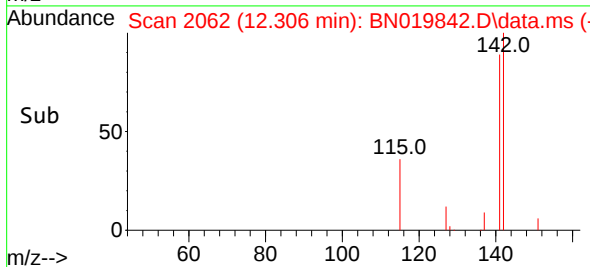
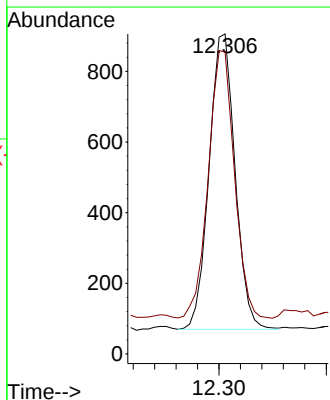
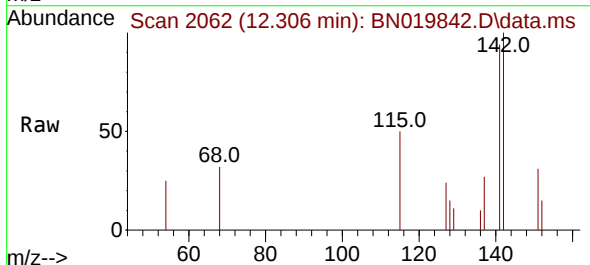
Manual Integrations
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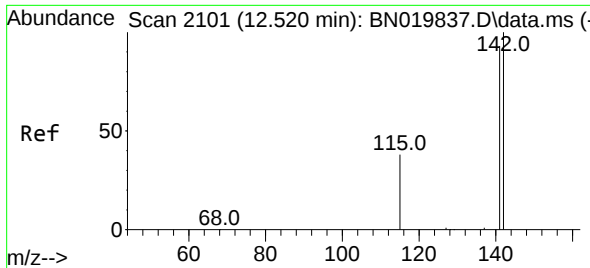
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

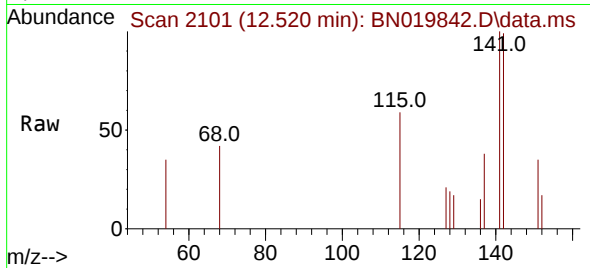
Tgt Ion:142 Resp: 1403
Ion Ratio Lower Upper
142 100
141 91.3 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

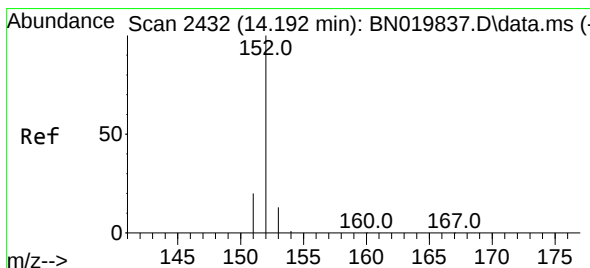
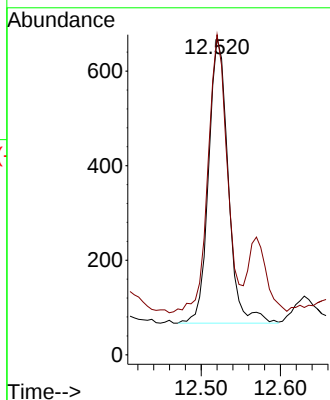
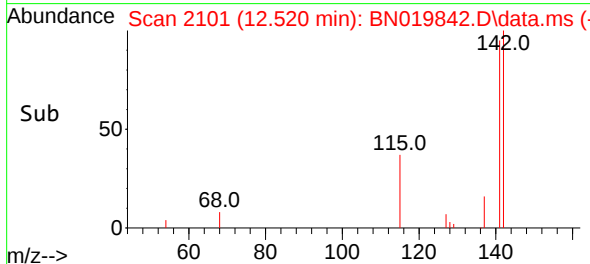
Instrument :
BNA_N
ClientSampleId :
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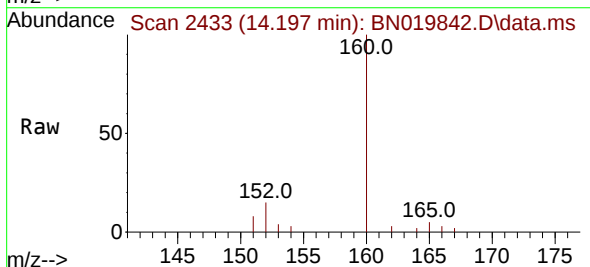
Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
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141 96.2 0.0 0.0#

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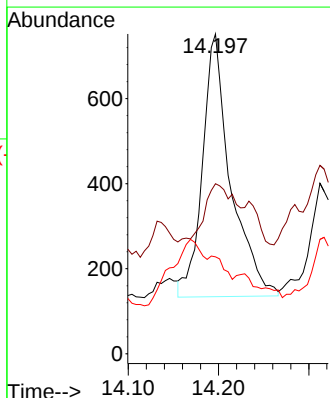
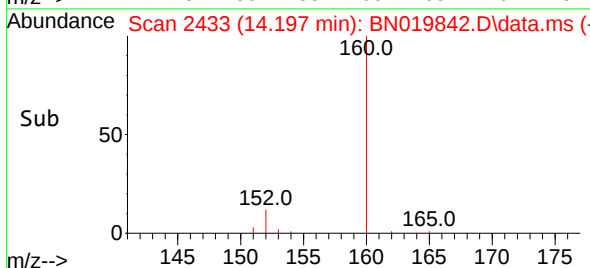
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

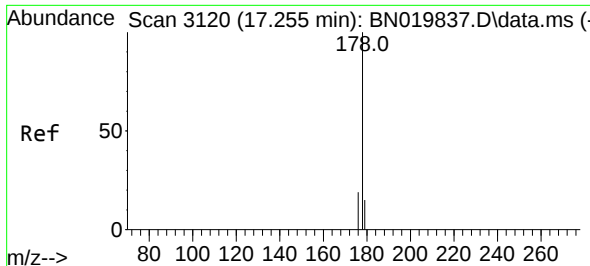


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20



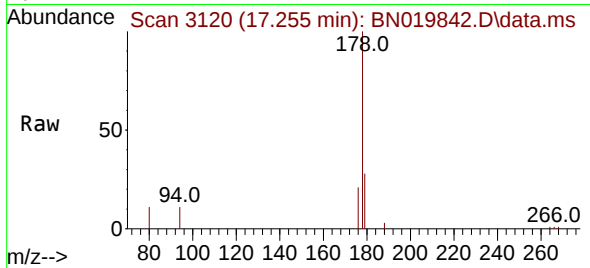
Tgt Ion:152 Resp: 1341
Ion Ratio Lower Upper
152 100
151 53.2 16.3 24.5#
153 30.3 11.1 16.7#





#15
Phenanthrene
Concen: 0.150 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

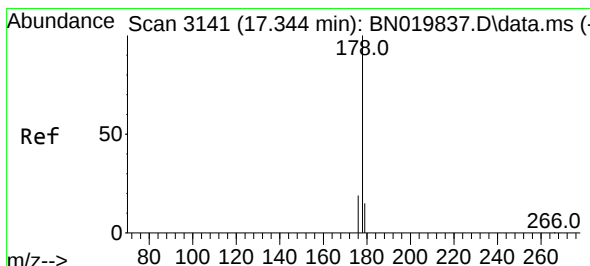
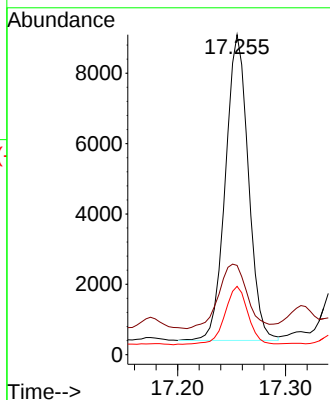
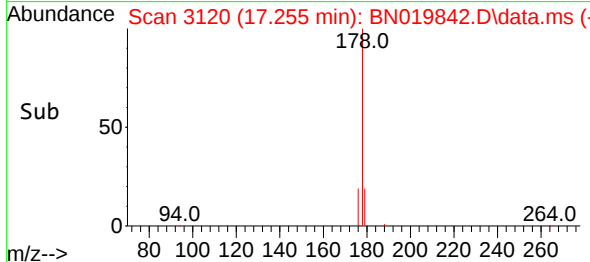
Instrument :
BNA_N
ClientSampleId :
EW4H1



Tgt Ion:178 Resp: 1281
Ion Ratio Lower Upper
178 100
179 27.9 12.9 19.3#
176 21.4 15.5 23.3#

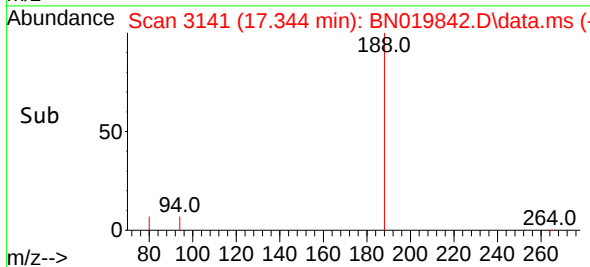
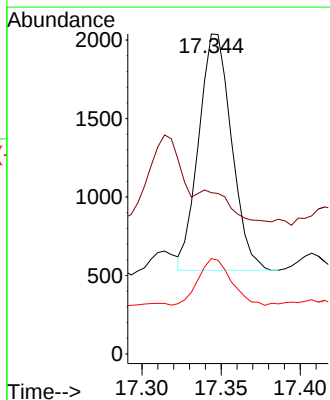
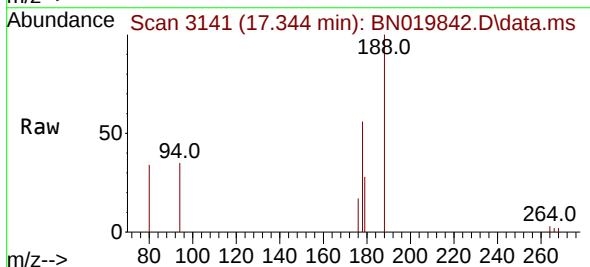
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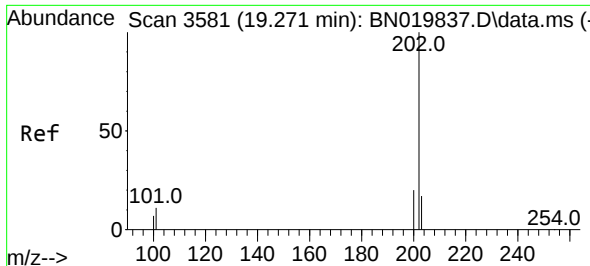
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

Tgt Ion:178 Resp: 2174
Ion Ratio Lower Upper
178 100
179 50.4 13.1 19.7#
176 29.8 15.3 22.9#





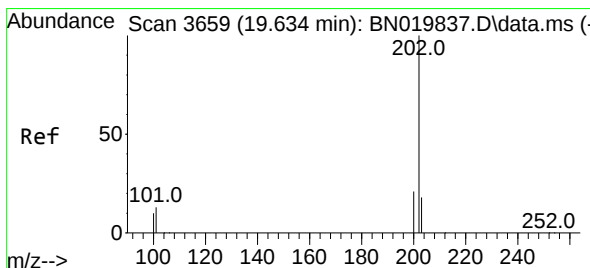
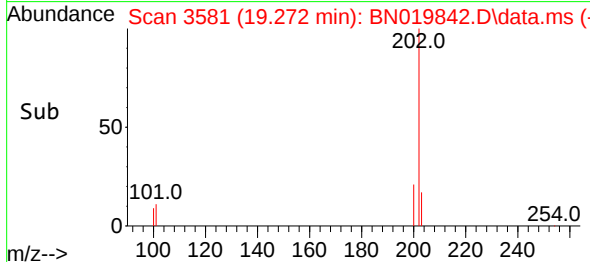
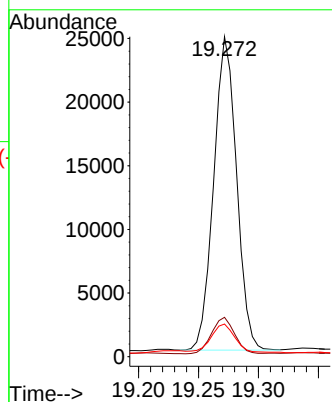
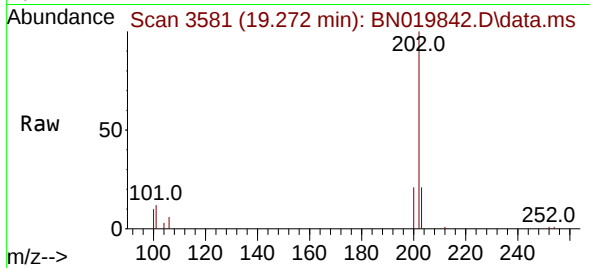
#19
Fluoranthene
Concen: 0.415 ng/u1
RT: 19.272 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

Instrument :
BNA_N
ClientSampleId :
EW4H1

Tgt Ion:202 Resp: 32689
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 10.2 7.4 11.2

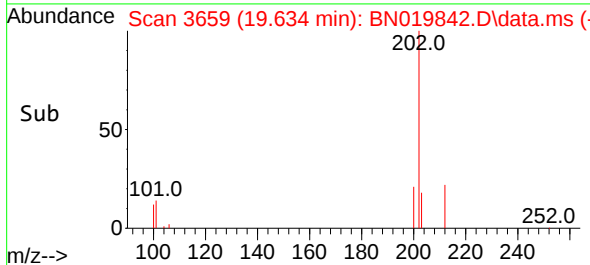
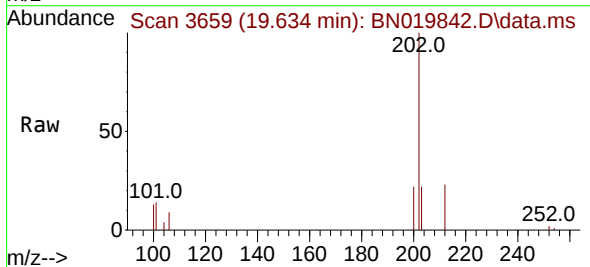
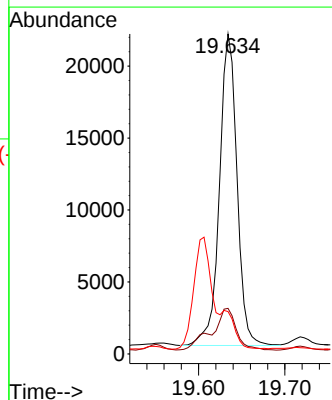
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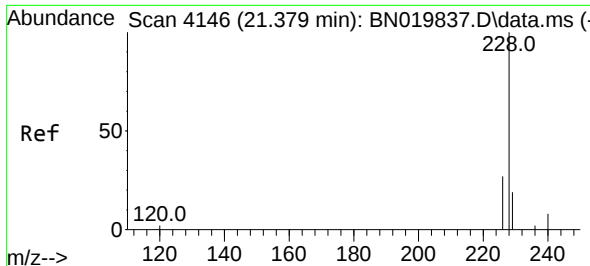
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#20
Pyrene
Concen: 0.390 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

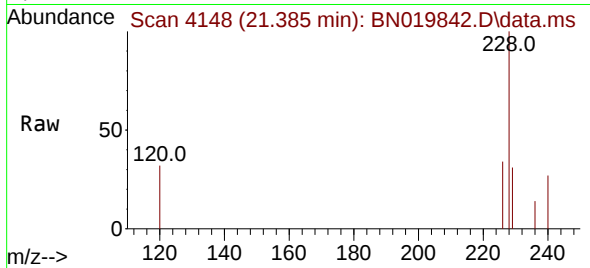
Tgt Ion:202 Resp: 30718
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 13.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 21.385 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

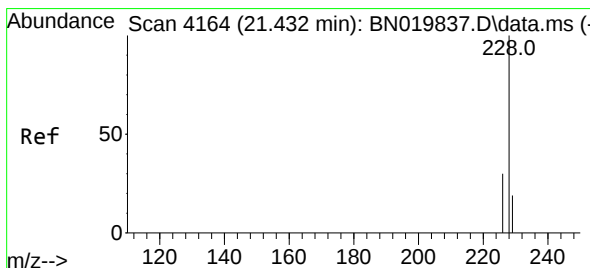
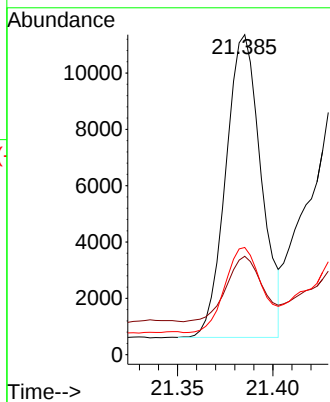
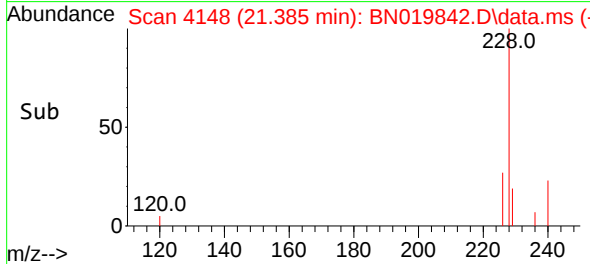
Instrument :
BNA_N
ClientSampleId :
EW4H1



Tgt Ion:228 Resp: 13880
Ion Ratio Lower Upper
228 100
229 30.8 16.1 24.1
226 33.5 22.1 33.1

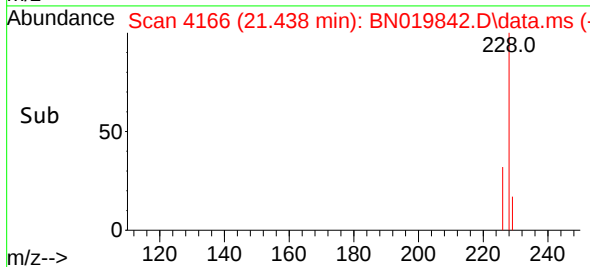
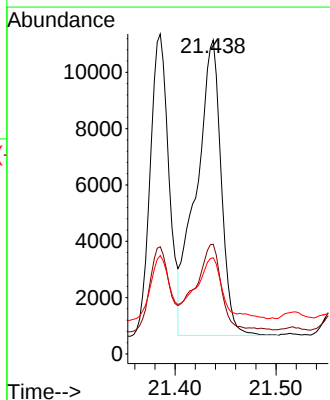
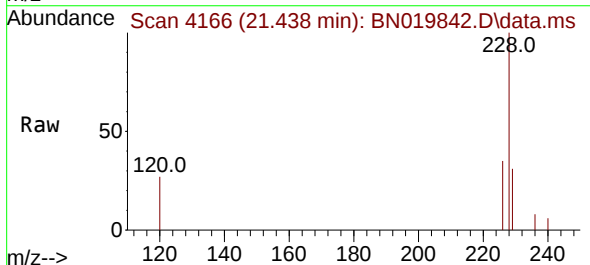
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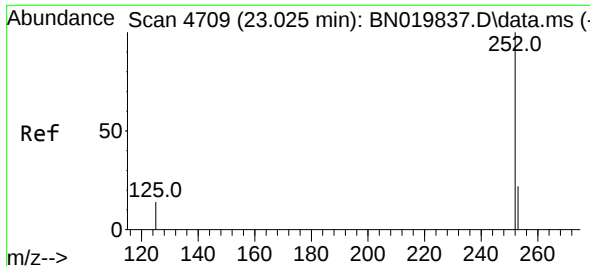
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#22
Chrysene
Concen: 0.237 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

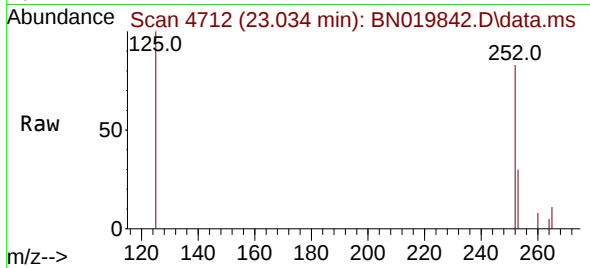
Tgt Ion:228 Resp: 17990
Ion Ratio Lower Upper
228 100
226 35.0 24.2 36.2
229 30.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul m
RT: 23.034 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

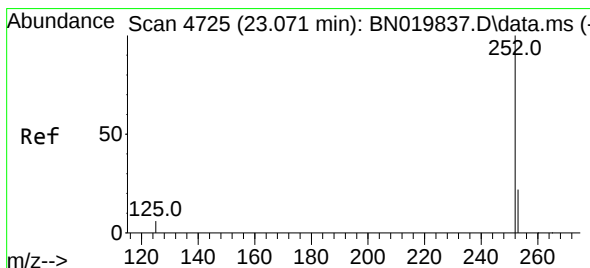
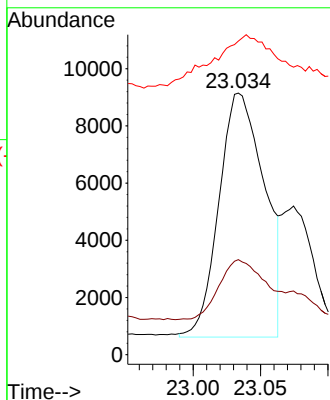
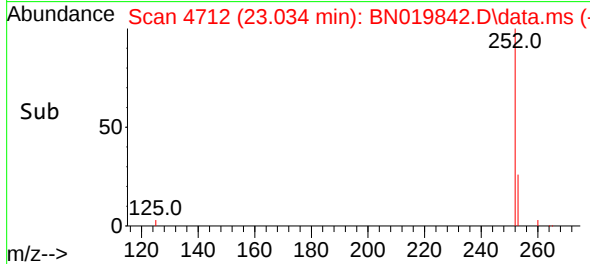
Instrument :
BNA_N
ClientSampleId :
EW4H1



Tgt Ion:252 Resp: 20020
Ion Ratio Lower Upper
252 100
253 36.3 0.0 52.0
125 119.9 0.0 40.2

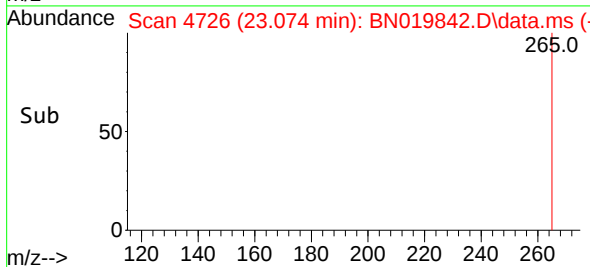
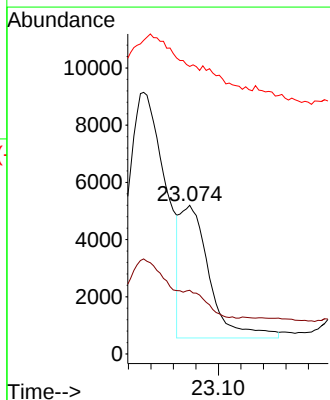
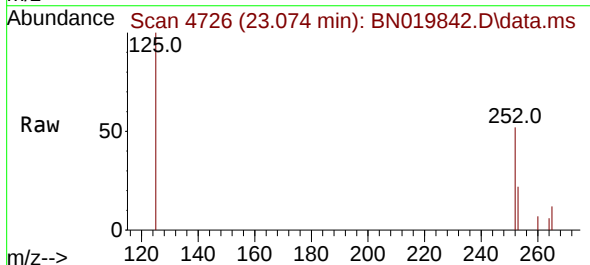
Manual Integrations
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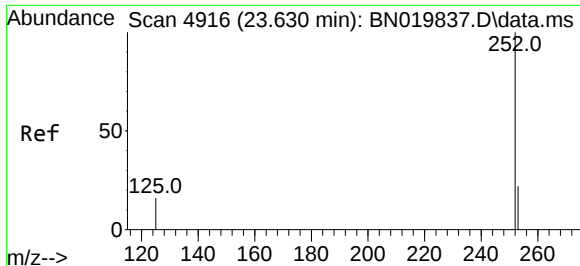
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

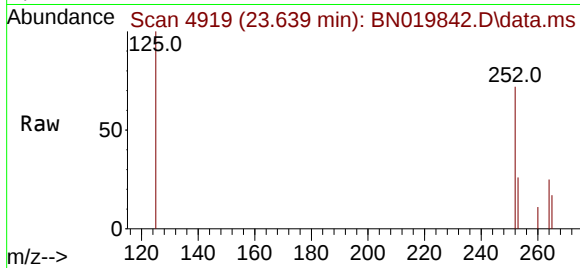
Tgt Ion:252 Resp: 8471
Ion Ratio Lower Upper
252 100
253 42.8 20.2 30.2#
125 193.4 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.639 min Scan# 4916
Delta R.T. 0.000 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20

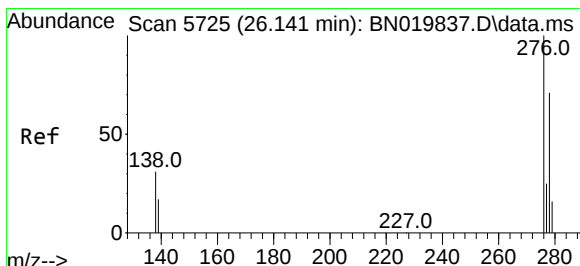
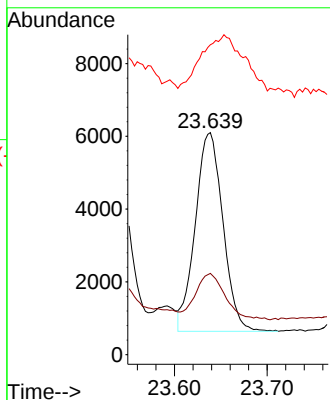
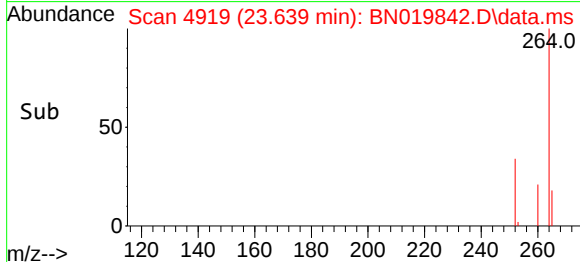
Instrument :
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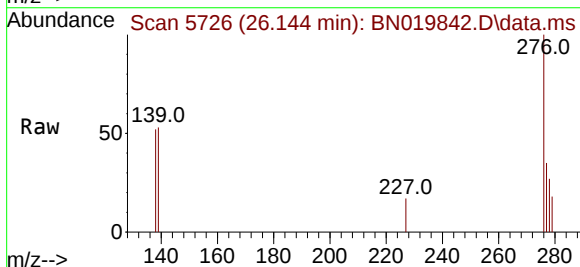
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Ion Ratio Lower Upper
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125 139.6 28.3 42.5

Manual Integrations
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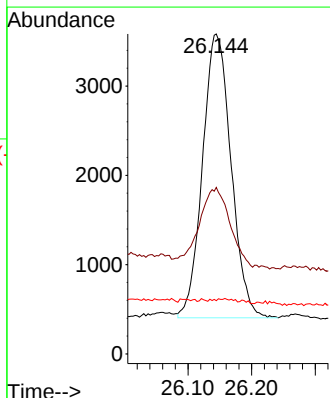
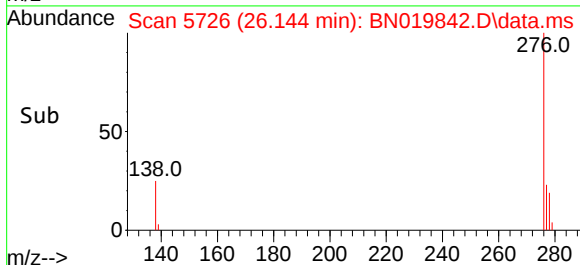
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

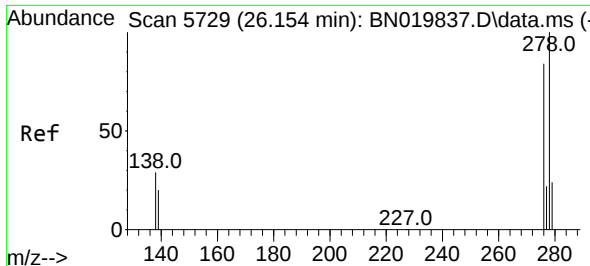


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BN019842.D
Acq: 18 May 2022 22:20



Tgt Ion:276 Resp: 9930
Ion Ratio Lower Upper
276 100
138 31.3 23.6 35.4
227 1.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.039 ng/ul

RT: 26.154 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN019842.D

Acq: 18 May 2022 22:20

Instrument :

BNA_N

ClientSampleId :

EW4H1

Tgt Ion:278 Resp: 2369

Ion Ratio Lower Upper

278 100

139 191.6 18.6 28.0#

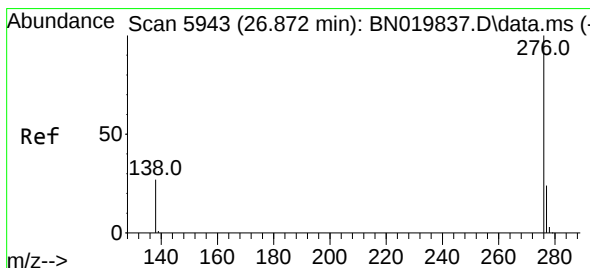
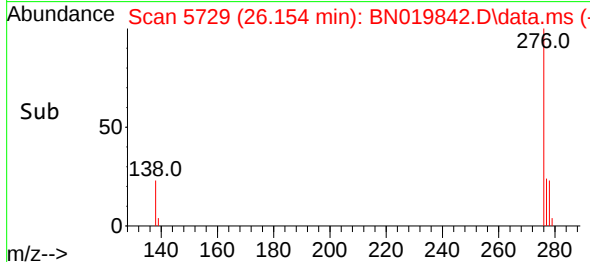
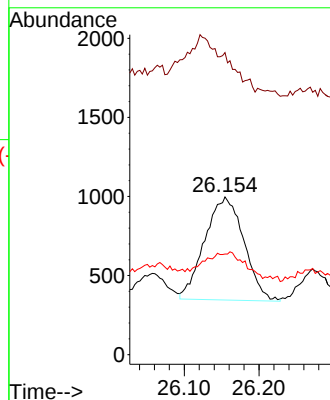
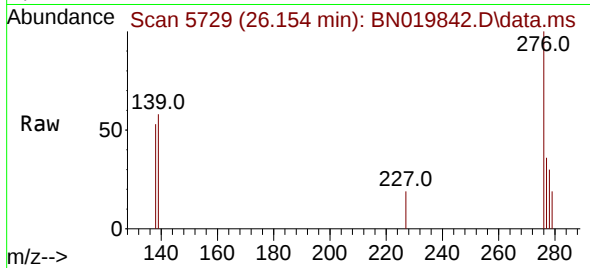
279 63.8 35.1 52.7#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022

Supervised By :mohammad ahmed 05/25/2022



#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.879 min Scan# 5945

Delta R.T. 0.000 min

Lab File: BN019842.D

Acq: 18 May 2022 22:20

Tgt Ion:276 Resp: 1679

Ion Ratio Lower Upper

276 100

138 107.8 20.9 31.3#

277 63.2 20.4 30.6#

