

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019828.D
 Acq On : 18 May 2022 13:19
 Operator : CG/JU
 Sample : N2766-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4F3MS

Manual Integrations
 APPROVED

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

Quant Time: May 19 03:35:04 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	3368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11355	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	16457	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16505	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	14467	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1206m	0.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3383	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	9733	0.186	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	4112m	0.972	ng/ul	
5) Naphthalene	10.689	128	7768	0.211	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	5288	0.236	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	5459	0.263	ng/ul#	100
10) Acenaphthylene	14.192	152	6971	0.191	ng/ul	99
11) Acenaphthene	14.534	153	5713	0.195	ng/ul	98
12) Fluorene	15.520	166	6771	0.211	ng/ul	98
14) Pentachlorophenol	16.871	266	255	0.072	ng/ul	89
15) Phenanthrene	17.255	178	13332	0.220	ng/ul	100
16) Anthracene	17.344	178	10548	0.214	ng/ul	99
19) Fluoranthene	19.272	202	15309	0.203	ng/ul	99
20) Pyrene	19.634	202	15660	0.208	ng/ul	99
21) Benzo(a)anthracene	21.385	228	13855	0.225	ng/ul	98
22) Chrysene	21.435	228	15502	0.213	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	14650	0.200	ng/ul	95
25) Benzo(k)fluoranthene	23.074	252	14123	0.200	ng/ul#	97
26) Benzo(a)pyrene	23.633	252	10424	0.167	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.144	276	12340	0.158	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.158	278	11225	0.172	ng/ul#	81

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

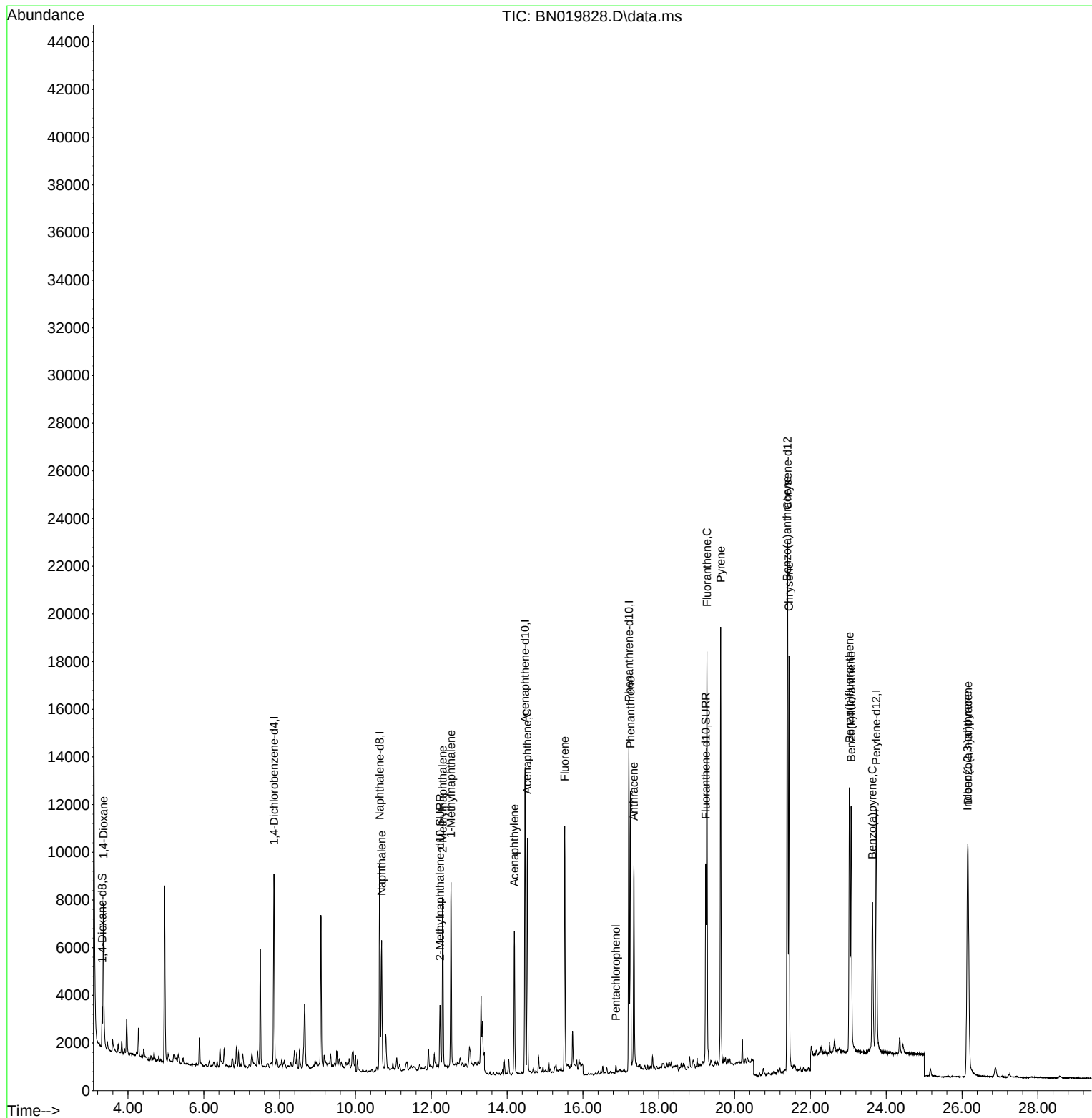
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019828.D
Acq On : 18 May 2022 13:19
Operator : CG/JU
Sample : N2766-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

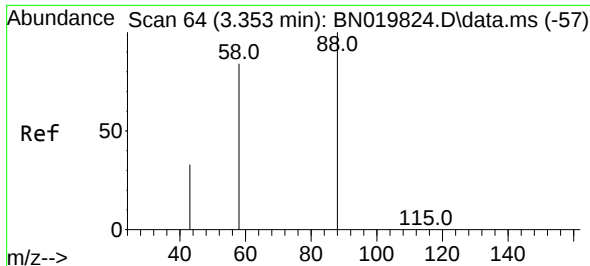
Instrument :
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ClientSampleId :
EW4F3MS

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Supervised By :mohammad ahmed 05/25/2022

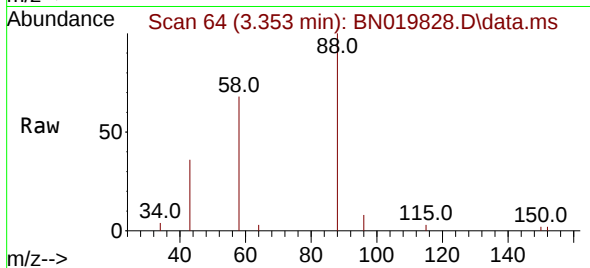
Quant Time: May 19 03:35:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.972 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

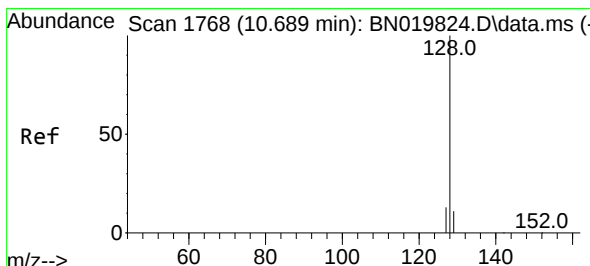
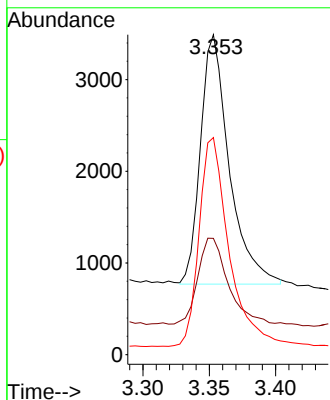
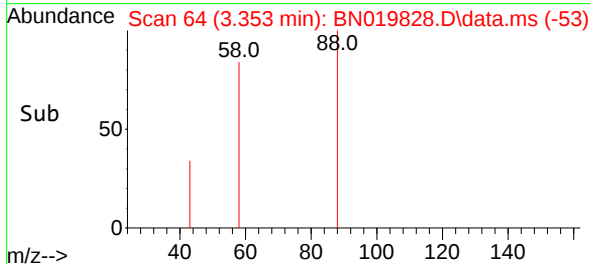
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



Tgt Ion: 88 Resp: 411
Ion Ratio Lower Upper
88 100
43 36.3 39.0 58.4
58 67.9 39.8 59.8

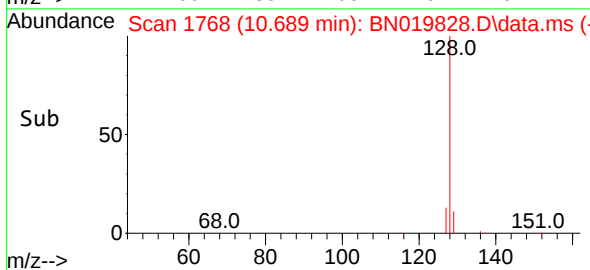
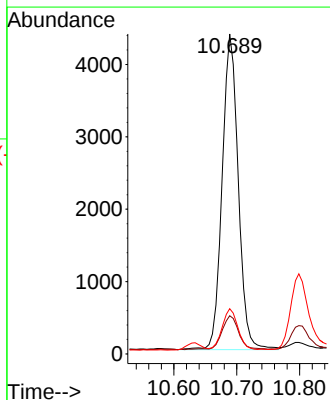
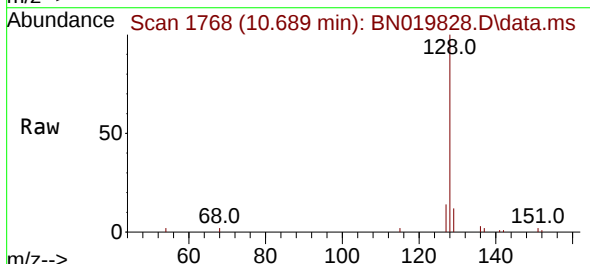
Manual Integrations
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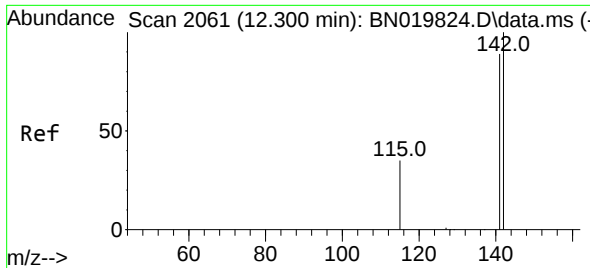
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#5
Naphthalene
Concen: 0.211 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

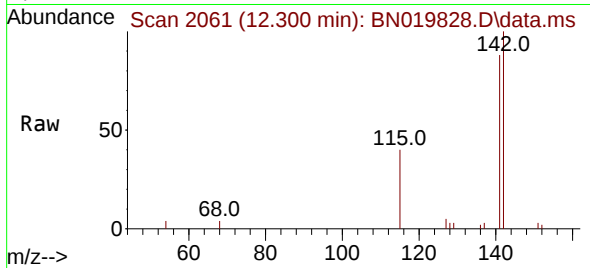
Tgt Ion:128 Resp: 7768
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

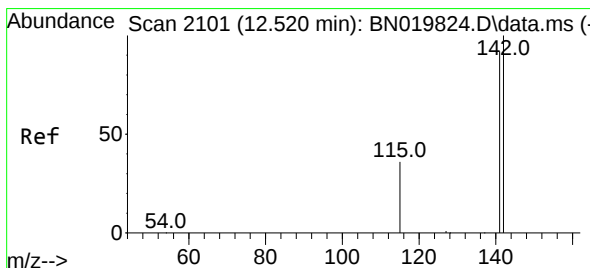
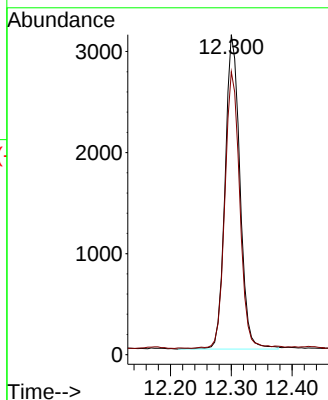
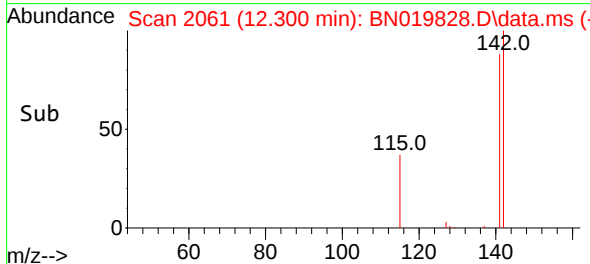
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



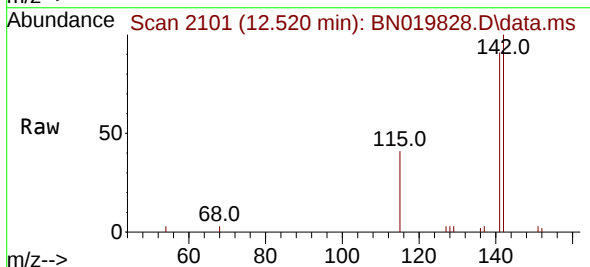
Tgt Ion:142 Resp: 5288
Ion Ratio Lower Upper
142 100
141 88.0 0.0 0.0

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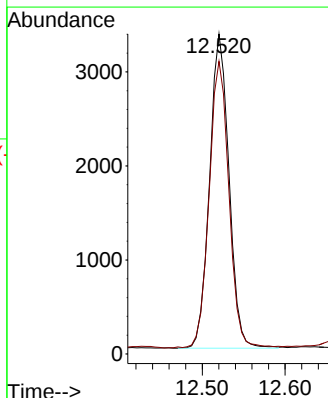
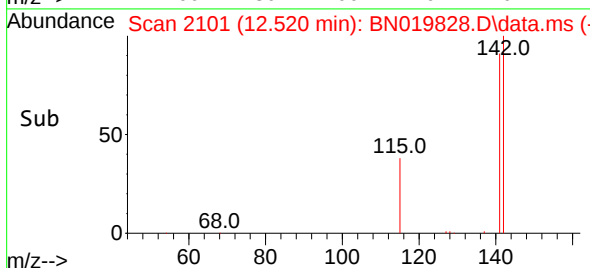
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

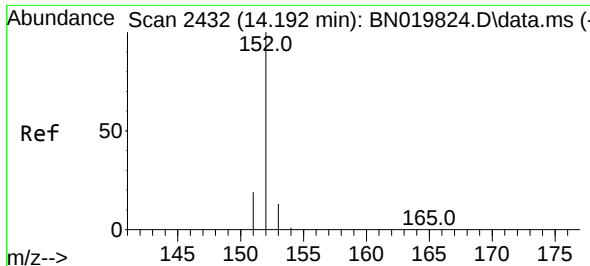


#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19



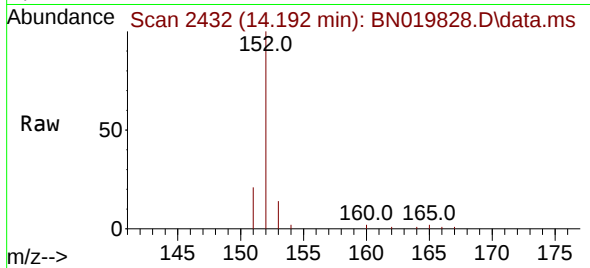
Tgt Ion:142 Resp: 5459
Ion Ratio Lower Upper
142 100
141 93.1 0.0 0.0





#10
Acenaphthylene
Concen: 0.191 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

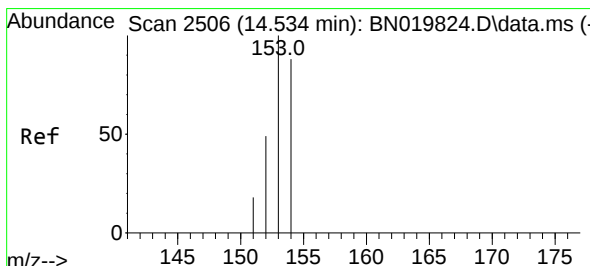
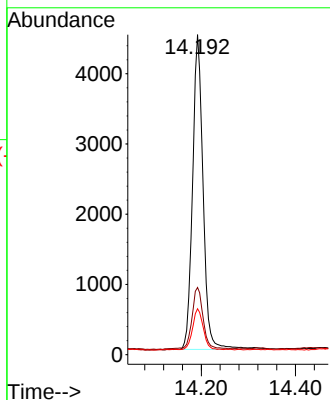
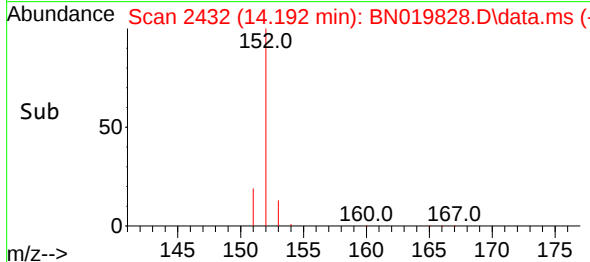
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



Tgt Ion:152 Resp: 697
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.3 11.1 16.7

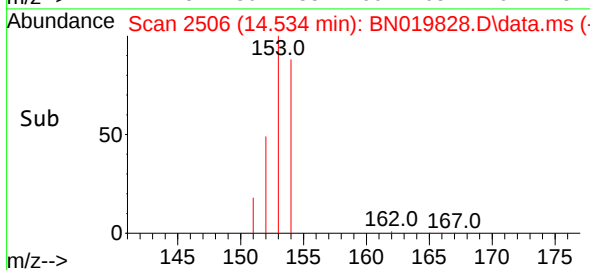
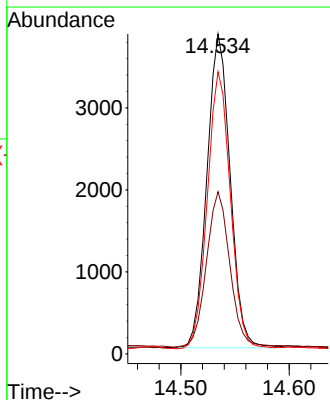
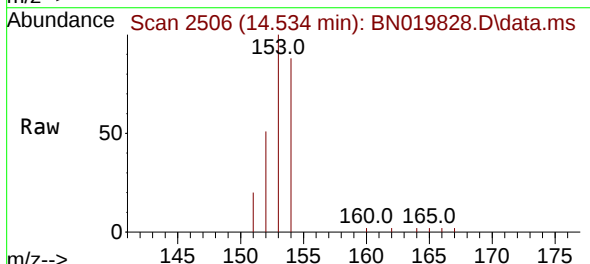
Manual Integrations
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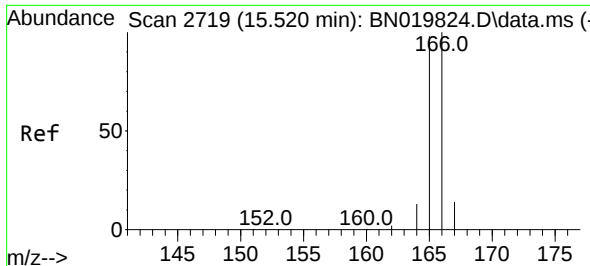
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

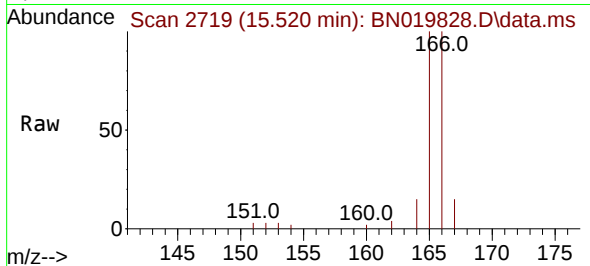
Tgt Ion:153 Resp: 5713
Ion Ratio Lower Upper
153 100
152 50.7 38.6 57.8
154 88.2 71.2 106.8





#12
Fluorene
Concen: 0.211 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

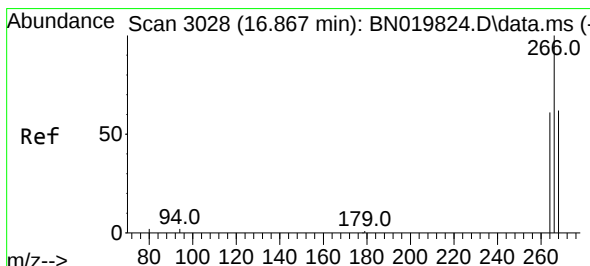
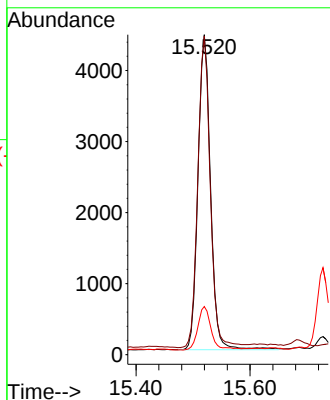
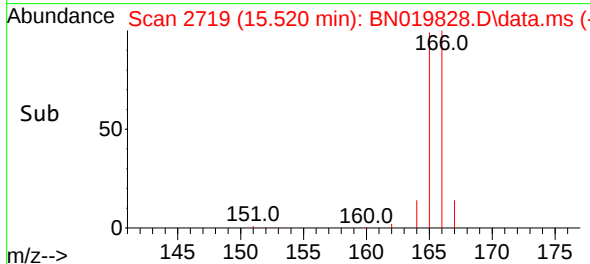
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



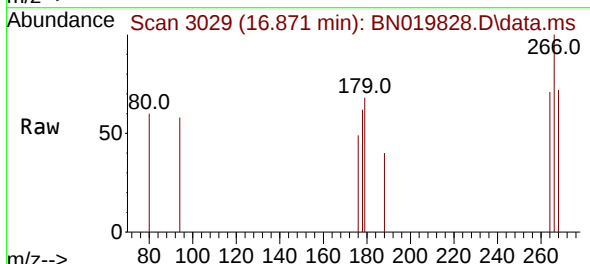
Tgt Ion:166 Resp: 677
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.2
167 15.1 11.3 16.9

Manual Integrations
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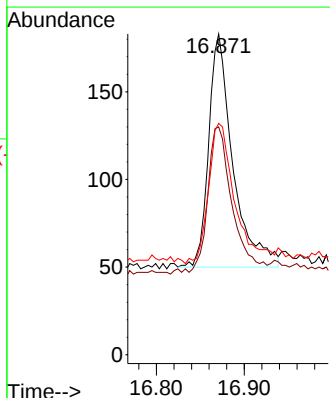
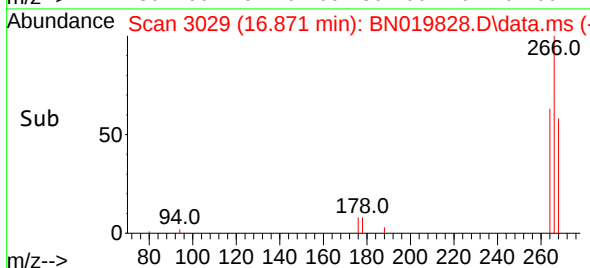
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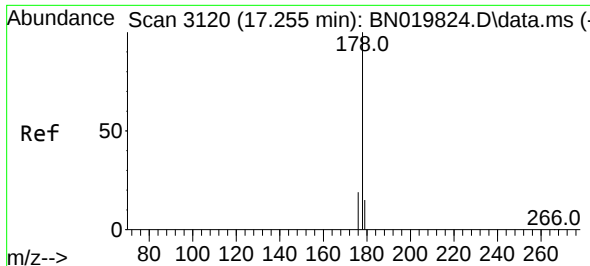


#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. 0.004 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19



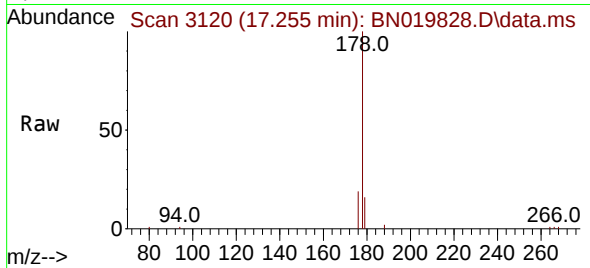
Tgt Ion:266 Resp: 255
Ion Ratio Lower Upper
266 100
264 62.4 44.9 67.3
268 65.5 44.6 67.0





#15
Phenanthrene
Concen: 0.220 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

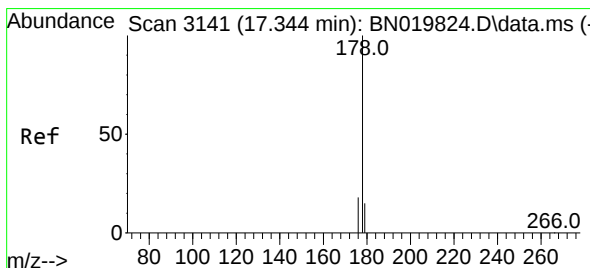
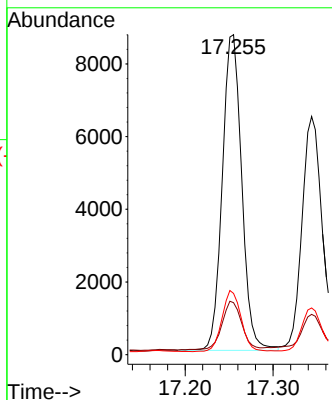
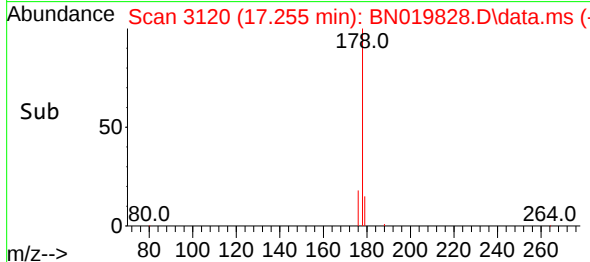
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



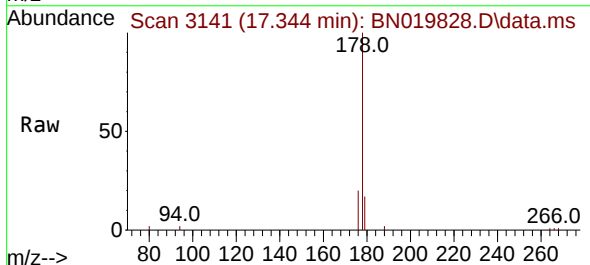
Tgt Ion:178 Resp: 13332
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.2 15.5 23.3

Manual Integrations
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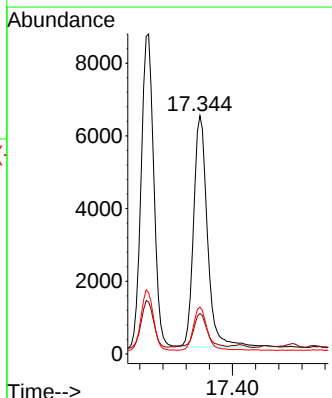
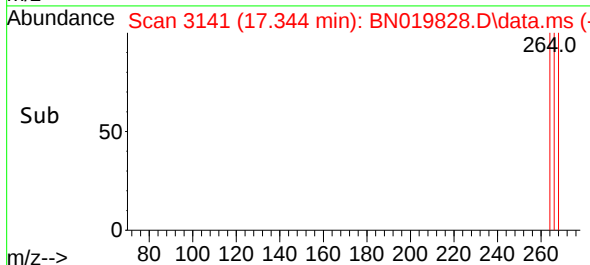
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Supervised By :mohammad ahmed 05/25/2022

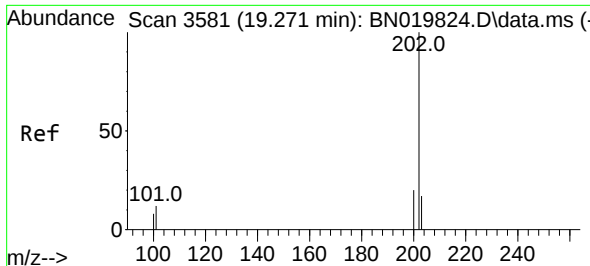


#16
Anthracene
Concen: 0.214 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19



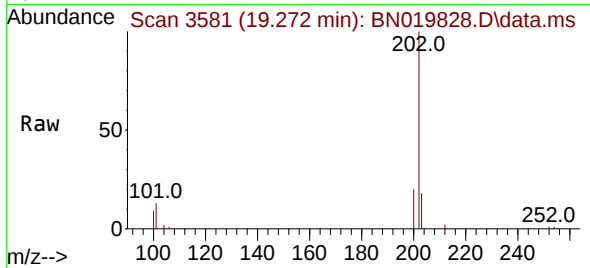
Tgt Ion:178 Resp: 10548
Ion Ratio Lower Upper
178 100
179 16.9 13.1 19.7
176 19.6 15.3 22.9





#19
Fluoranthene
Concen: 0.203 ng/u1
RT: 19.272 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

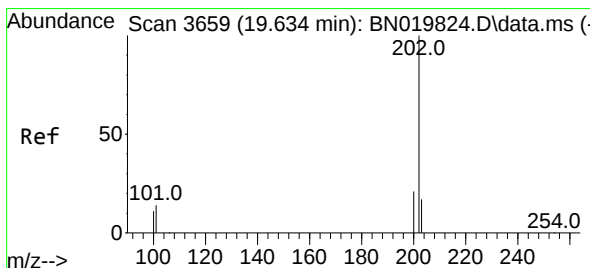
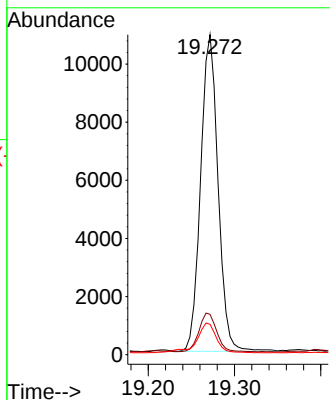
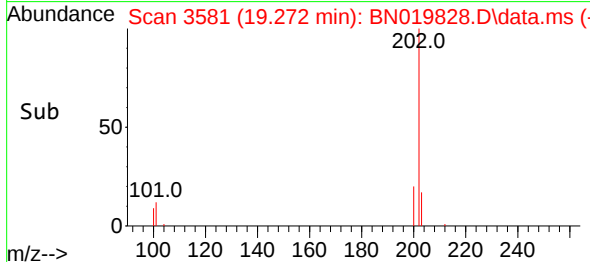
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



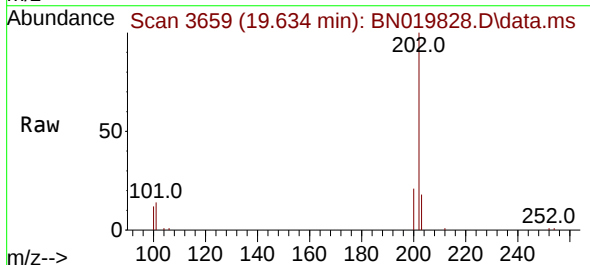
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Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.5 7.4 11.2

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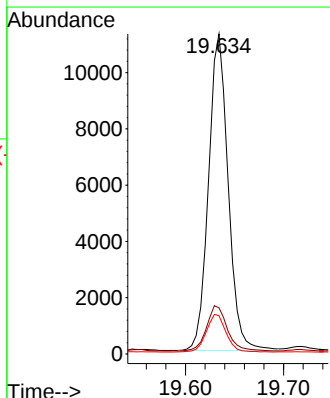
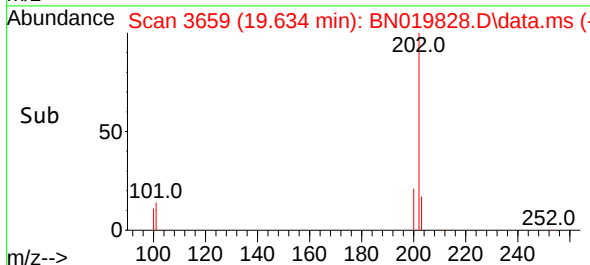
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

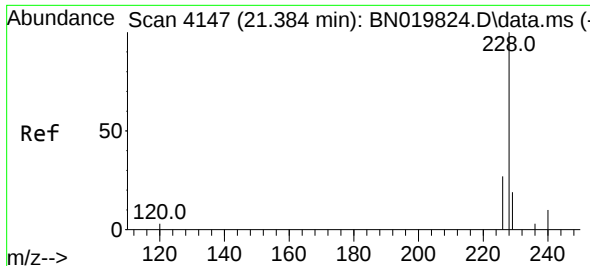


#20
Pyrene
Concen: 0.208 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19



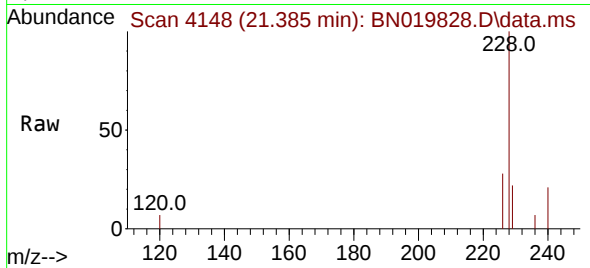
Tgt Ion:202 Resp: 15660
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 12.0 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.385 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

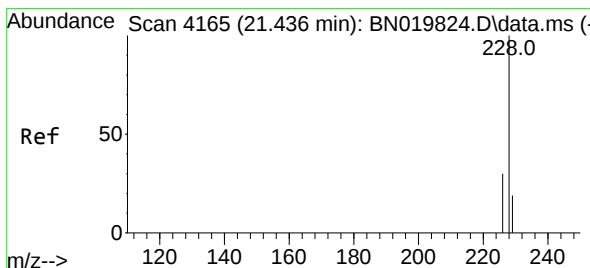
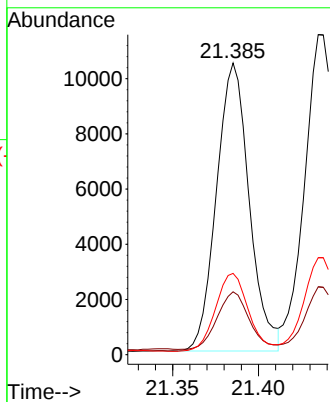
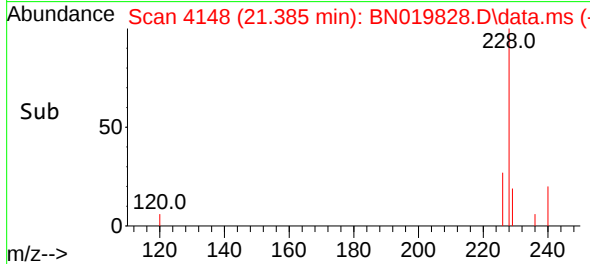
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



Tgt Ion:228 Resp: 1385
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 27.9 22.1 33.1

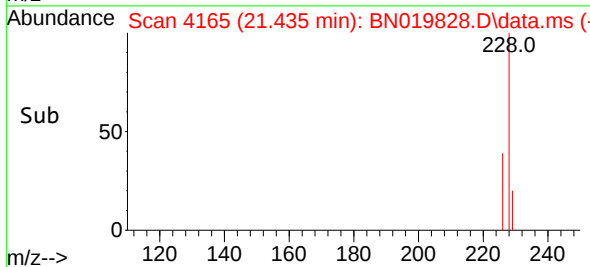
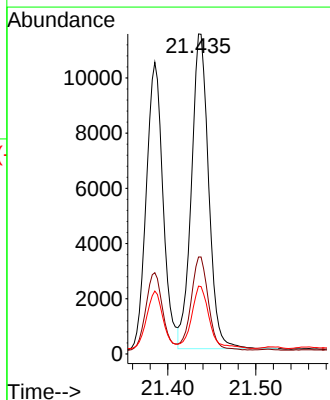
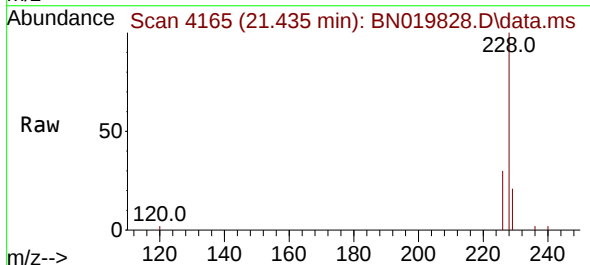
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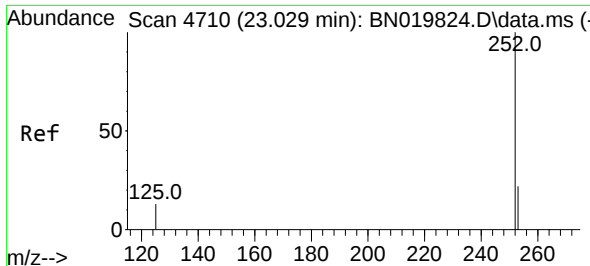
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#22
Chrysene
Concen: 0.213 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

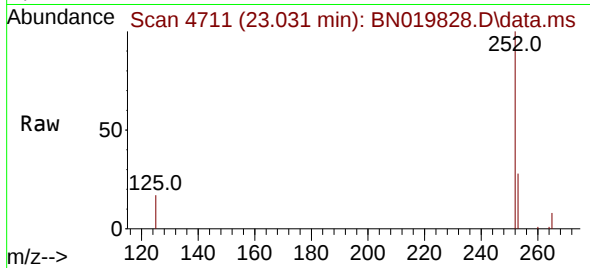
Tgt Ion:228 Resp: 15502
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

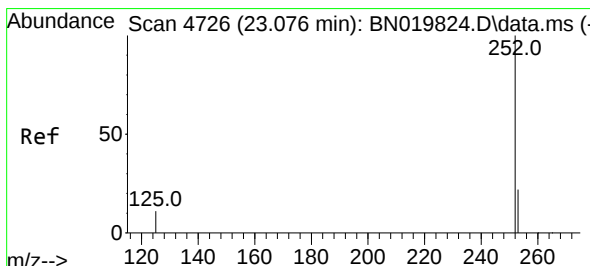
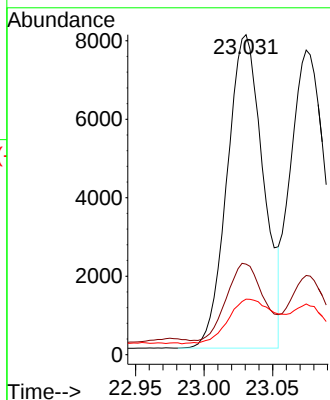
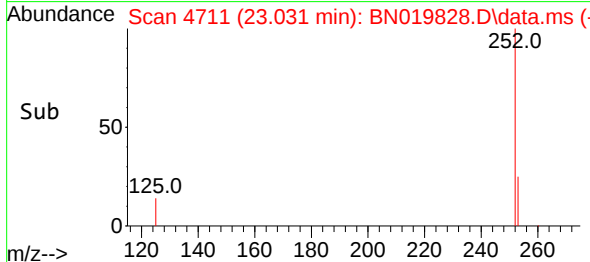
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



Tgt Ion:252 Resp: 14650
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.0
125 17.3 0.0 40.2

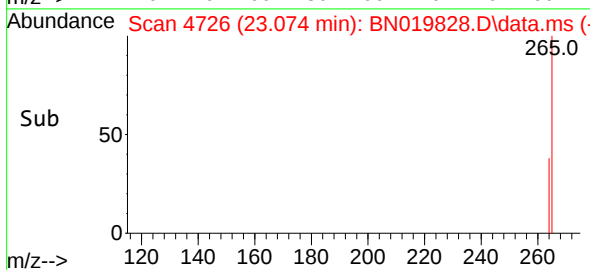
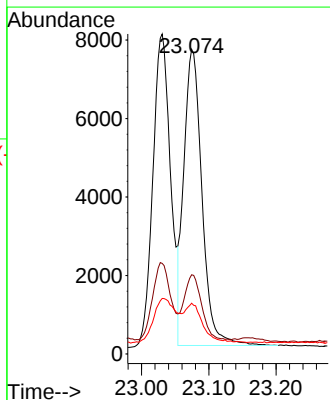
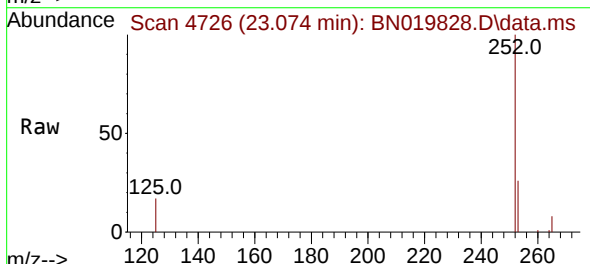
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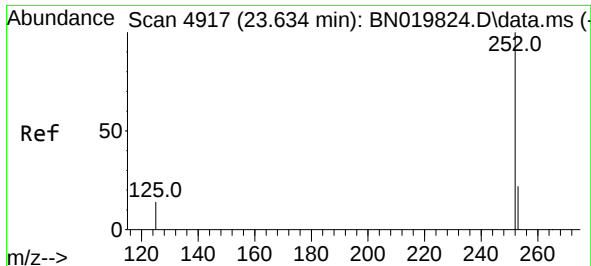
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

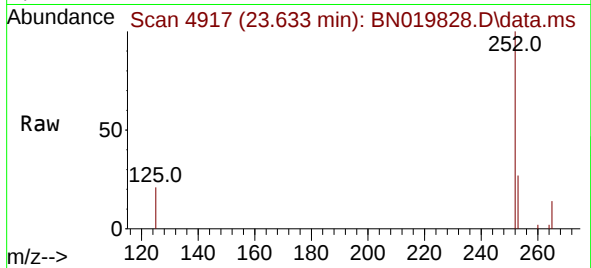
Tgt Ion:252 Resp: 14123
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 16.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.633 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19

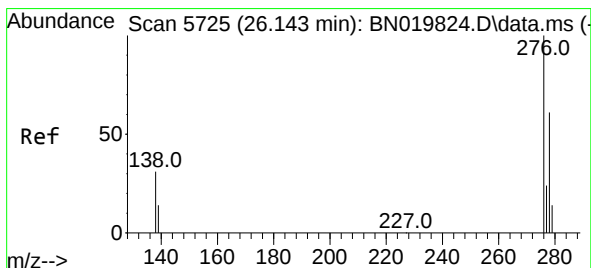
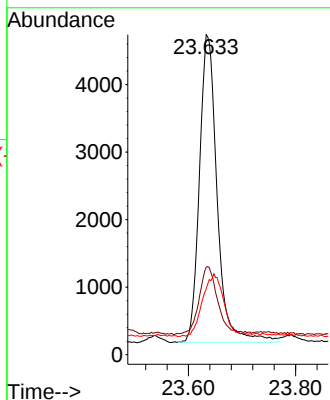
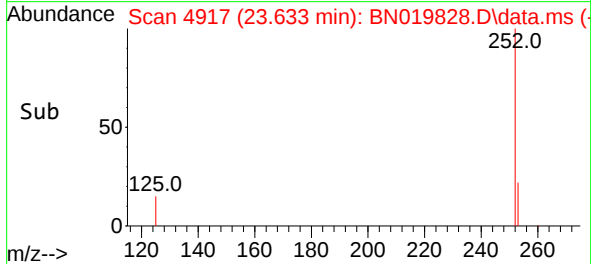
Instrument :
BNA_N
ClientSampleId :
EW4F3MS



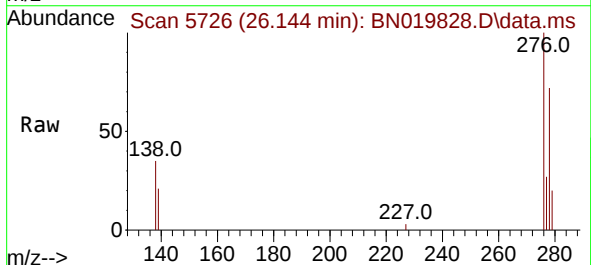
Tgt Ion:252 Resp: 10424
Ion Ratio Lower Upper
252 100
253 27.4 23.4 35.0
125 20.6 28.3 42.5

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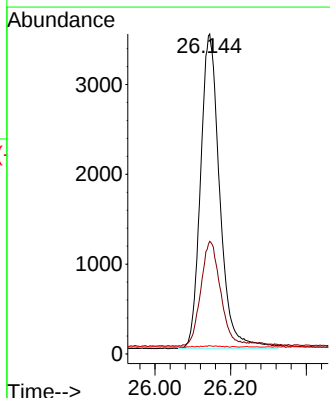
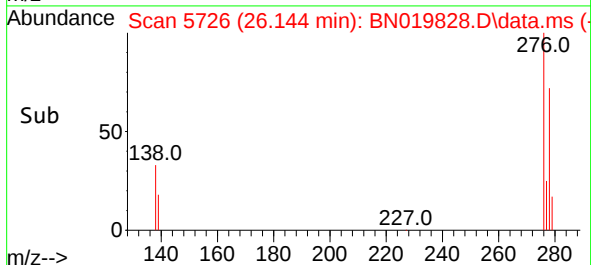
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

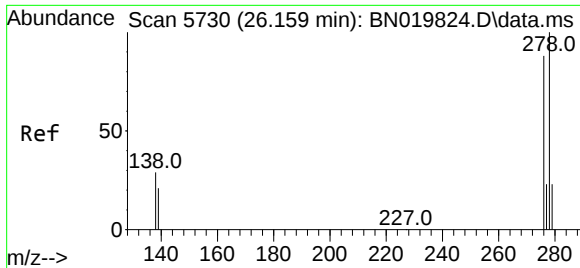


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BN019828.D
Acq: 18 May 2022 13:19



Tgt Ion:276 Resp: 12340
Ion Ratio Lower Upper
276 100
138 35.3 23.6 35.4
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.172 ng/ul

RT: 26.158 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN019828.D

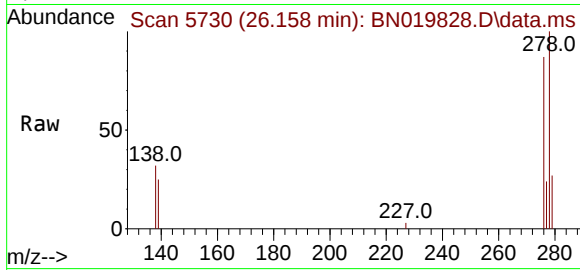
Acq: 18 May 2022 13:19

Instrument :

BNA_N

ClientSampleId :

EW4F3MS



Tgt Ion:278 Resp: 11225

Ion Ratio Lower Upper

278 100

139 25.5 18.6 28.0

279 27.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022

Supervised By :mohammad ahmed 05/25/2022

