

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019829.D
 Acq On : 18 May 2022 13:55
 Operator : CG/JU
 Sample : N2766-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4F3MSD

Manual Integrations
 APPROVED

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

Quant Time: May 19 03:19:26 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	3229	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	10899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	6859	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	15442	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15603	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	13927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	981m	0.257	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	3002	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	8757	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	3836m	0.945	ng/ul	
5) Naphthalene	10.687	128	7135	0.202	ng/ul	98
7) 2-Methylnaphthalene	12.304	142	4792	0.223	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	4984	0.250	ng/ul#	100
10) Acenaphthylene	14.191	152	6505	0.192	ng/ul	98
11) Acenaphthene	14.538	153	5331	0.196	ng/ul	99
12) Fluorene	15.518	166	6114	0.204	ng/ul	98
14) Pentachlorophenol	16.874	266	273	0.082	ng/ul	89
15) Phenanthrene	17.254	178	11845	0.209	ng/ul	99
16) Anthracene	17.347	178	9335	0.201	ng/ul	99
19) Fluoranthene	19.270	202	14173	0.198	ng/ul	98
20) Pyrene	19.633	202	14971	0.210	ng/ul	97
21) Benzo(a)anthracene	21.386	228	13350	0.229	ng/ul	99
22) Chrysene	21.438	228	15030	0.219	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	14233	0.201	ng/ul	95
25) Benzo(k)fluoranthene	23.078	252	13963	0.205	ng/ul	97
26) Benzo(a)pyrene	23.636	252	10834	0.180	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.148	276	12584	0.168	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.162	278	11171	0.178	ng/ul#	82

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

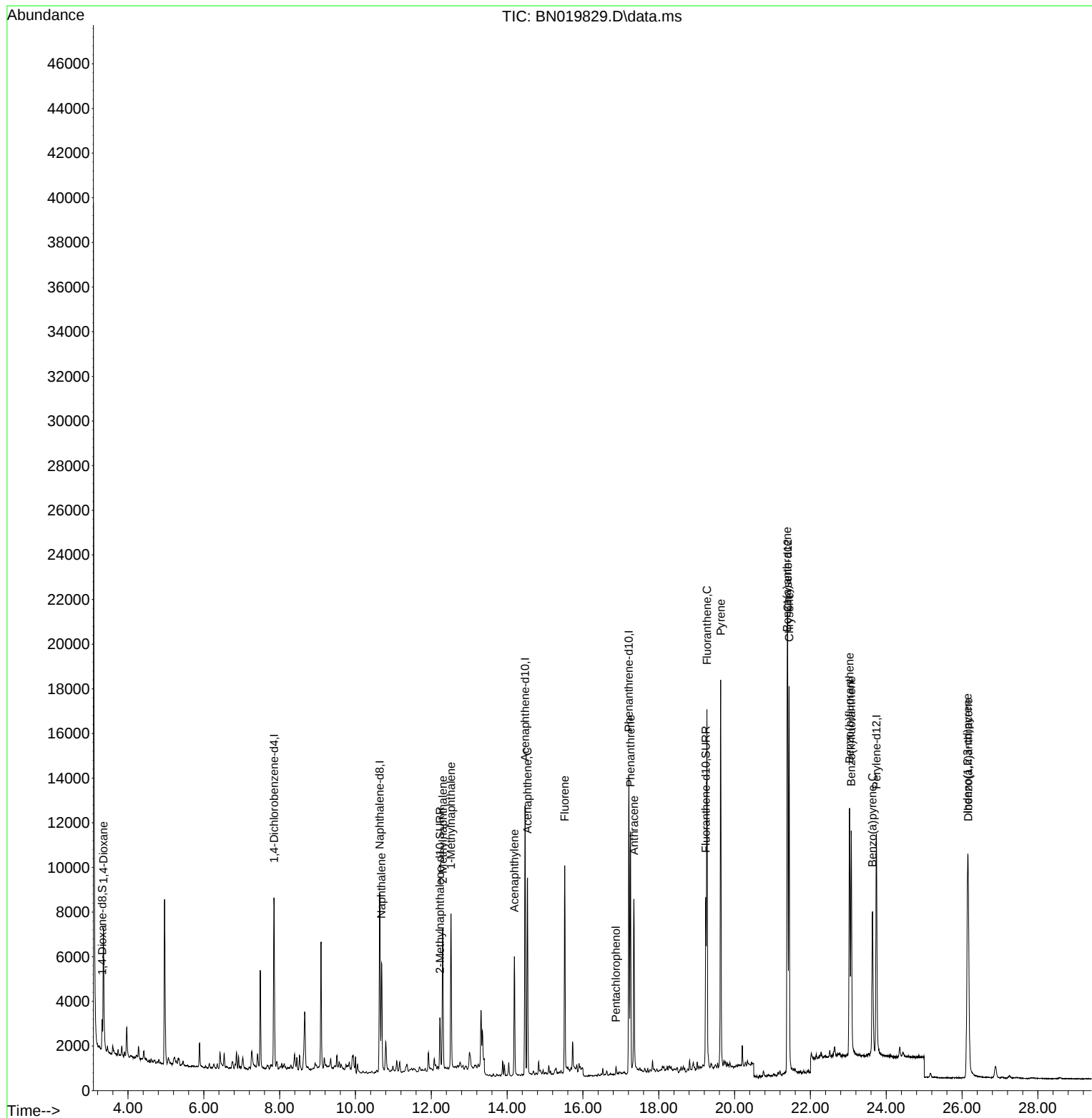
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
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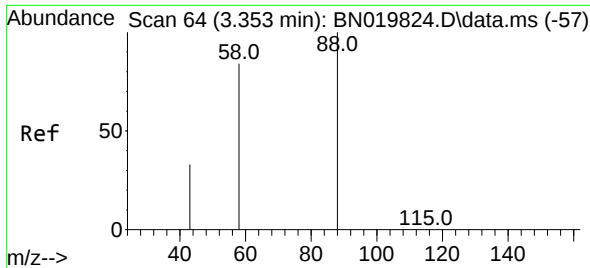
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 Supervised By :mohammad ahmed 05/25/2022

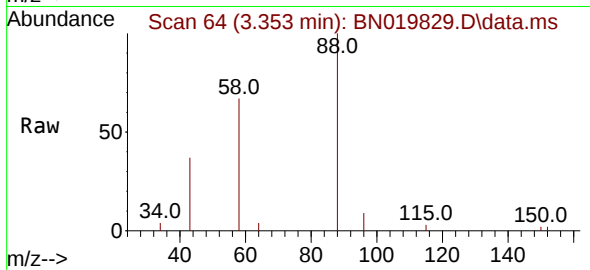
Quant Time: May 19 03:19:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.945 ng/ul m
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

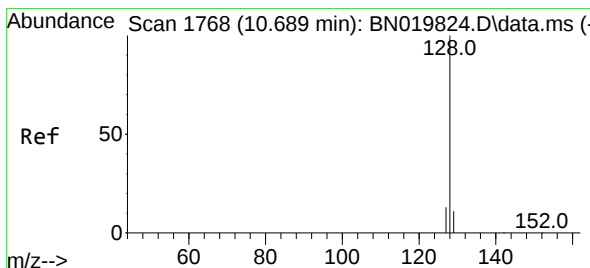
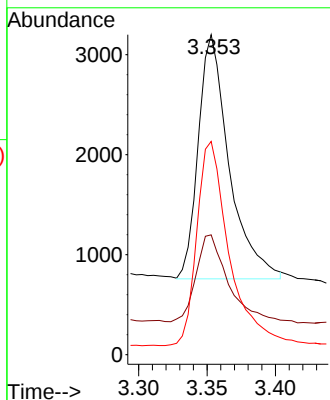
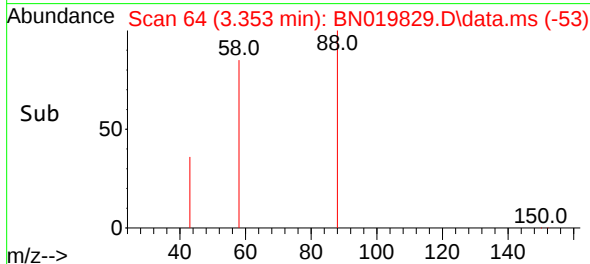
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



Tgt Ion: 88 Resp: 3830
Ion Ratio Lower Upper
88 100
43 37.5 39.0 58.4
58 66.7 39.8 59.8

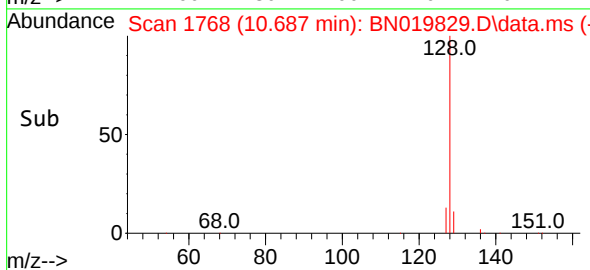
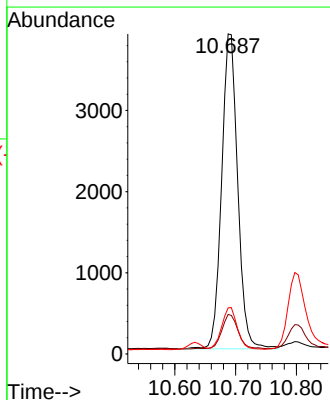
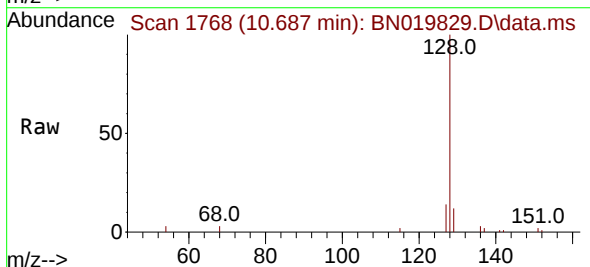
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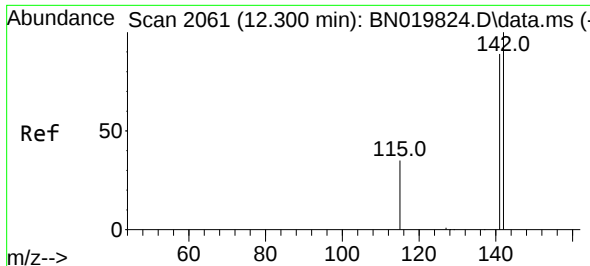
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

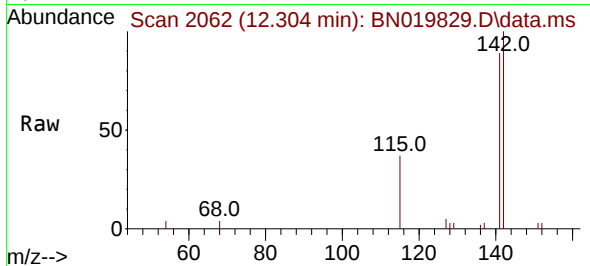
Tgt Ion:128 Resp: 7135
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 14.4 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.304 min Scan# 2061
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

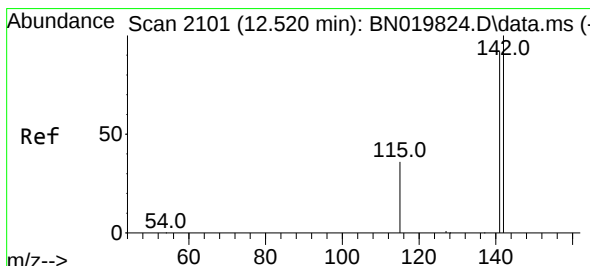
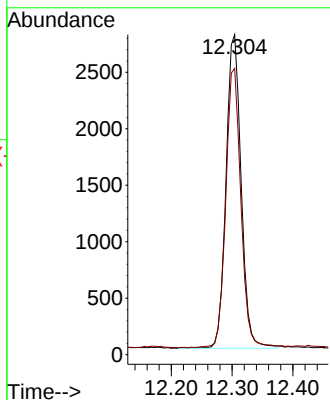
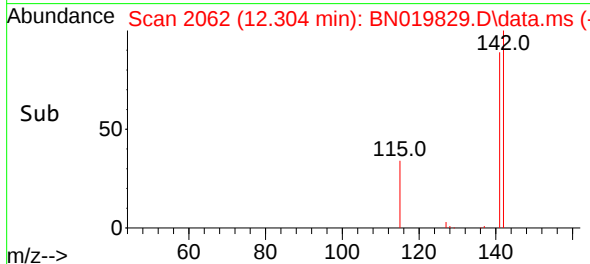
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



Tgt Ion:142 Resp: 4792
Ion Ratio Lower Upper
142 100
141 89.1 0.0 0.0

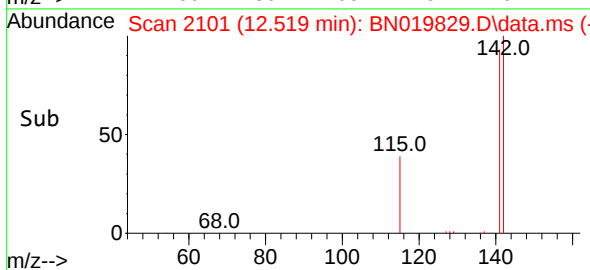
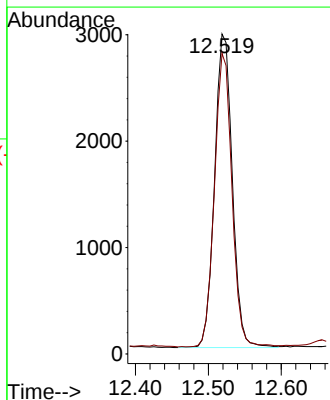
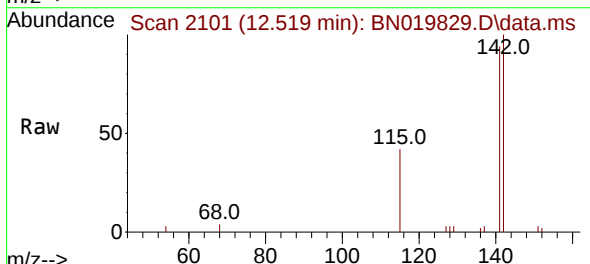
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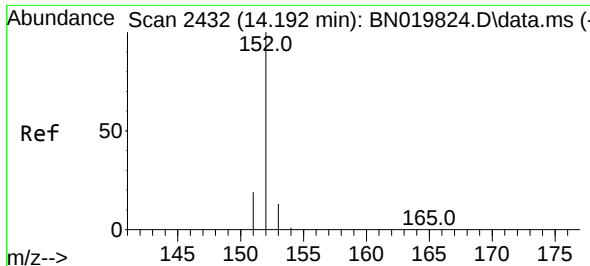
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#8
1-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

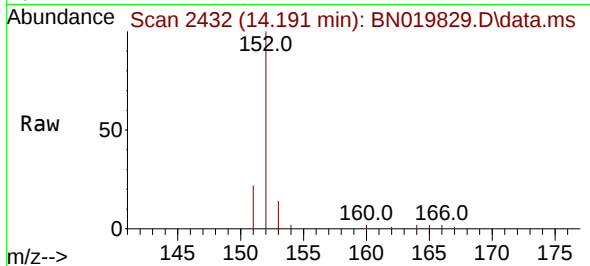
Tgt Ion:142 Resp: 4984
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0





#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

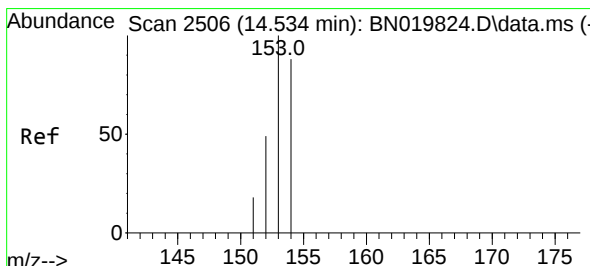
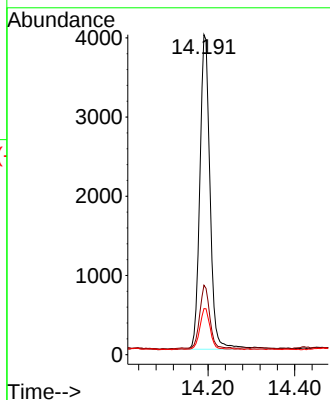
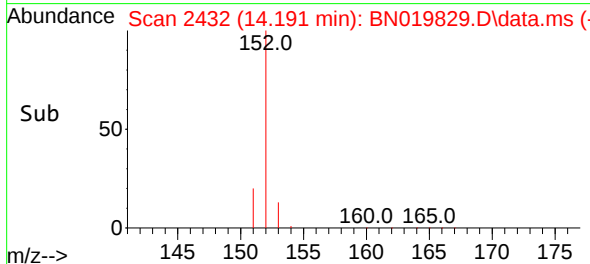
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



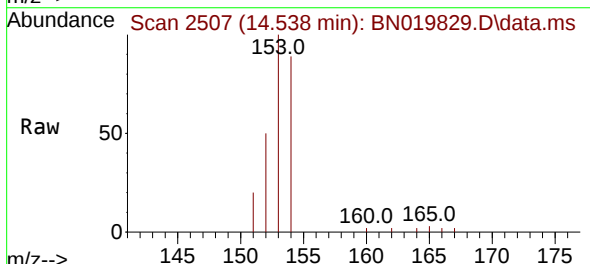
Tgt Ion:152 Resp: 6509
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.4 11.1 16.7

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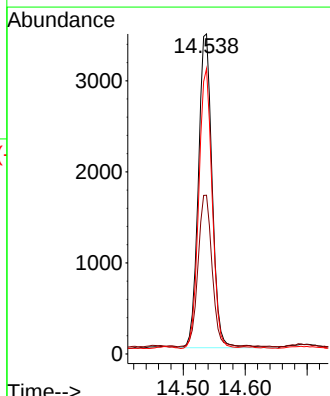
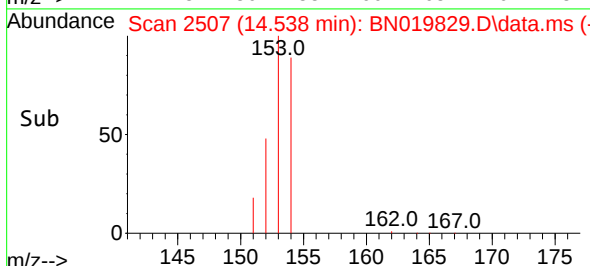
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

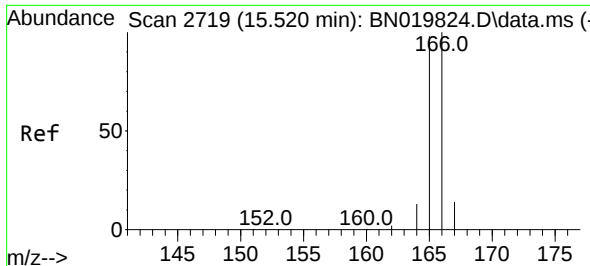


#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55



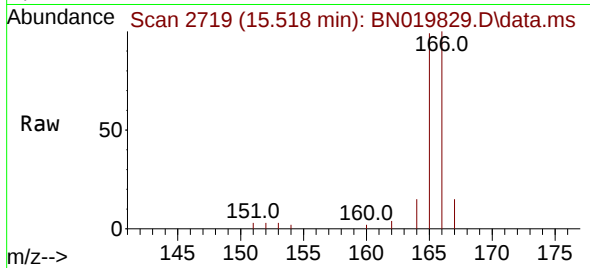
Tgt Ion:153 Resp: 5331
Ion Ratio Lower Upper
153 100
152 49.6 38.6 57.8
154 89.1 71.2 106.8





#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.518 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

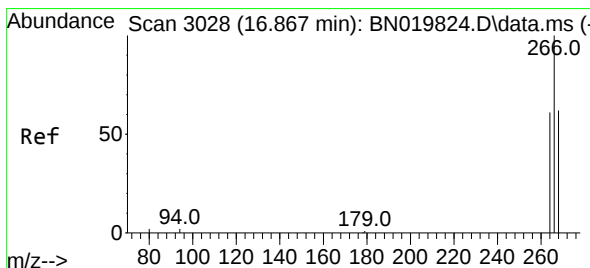
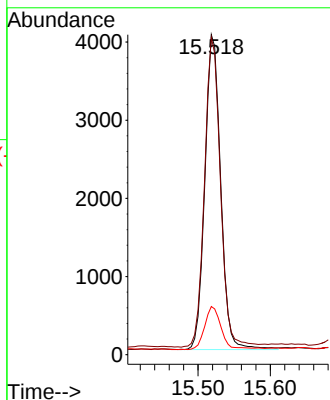
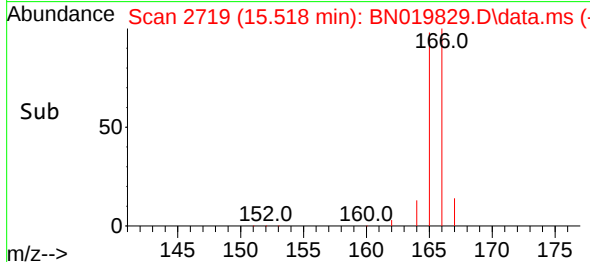
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



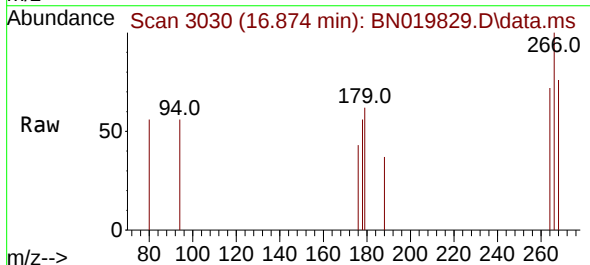
Tgt Ion:166 Resp: 6114
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 15.0 11.3 16.9

Manual Integrations
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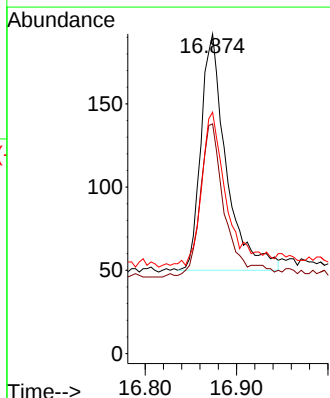
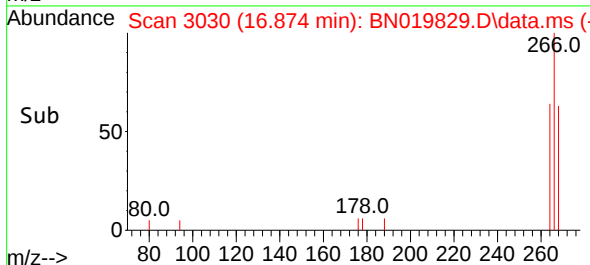
Reviewed By :Jagrut Upadhyay 05/19/2022
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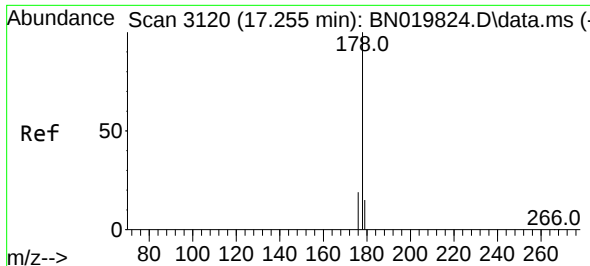


#14
Pentachlorophenol
Concen: 0.082 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. 0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55



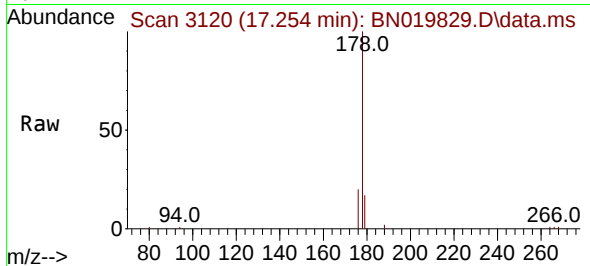
Tgt Ion:266 Resp: 273
Ion Ratio Lower Upper
266 100
264 61.2 44.9 67.3
268 66.3 44.6 67.0





#15
Phenanthrene
Concen: 0.209 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

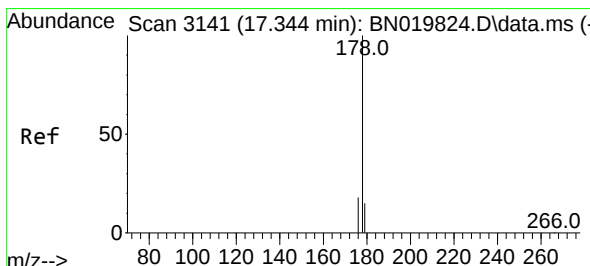
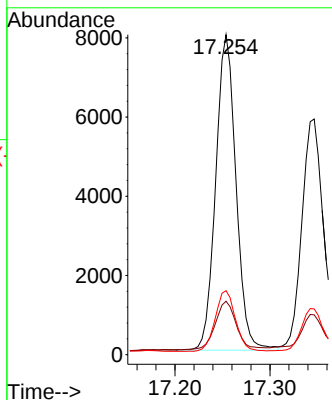
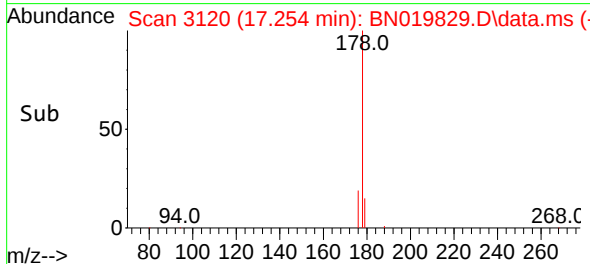
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



Tgt Ion:178 Resp: 11845
Ion Ratio Lower Upper
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179 16.7 12.9 19.3
176 20.0 15.5 23.3

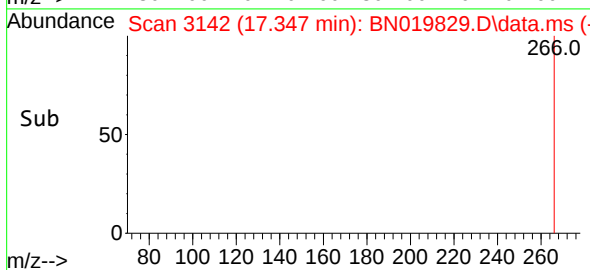
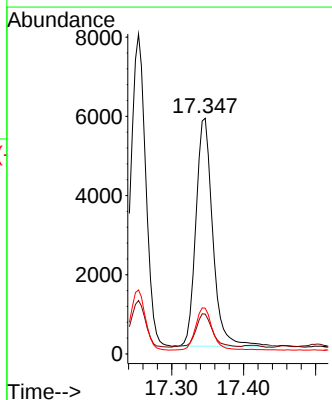
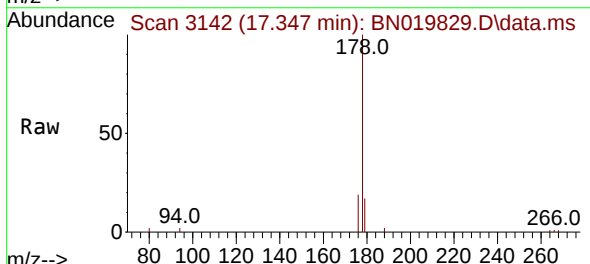
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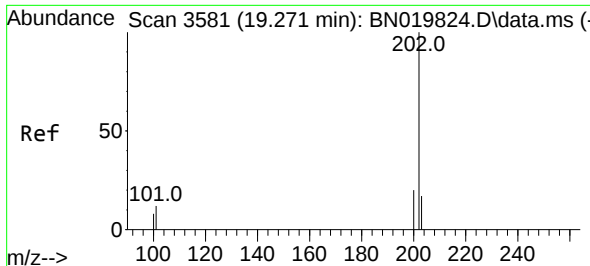
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#16
Anthracene
Concen: 0.201 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

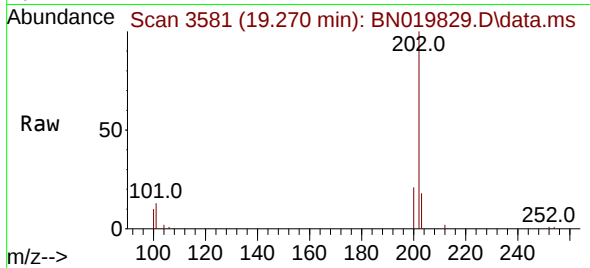
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Ion Ratio Lower Upper
178 100
179 16.9 13.1 19.7
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 0.198 ng/u1
RT: 19.270 min Scan# 3581
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

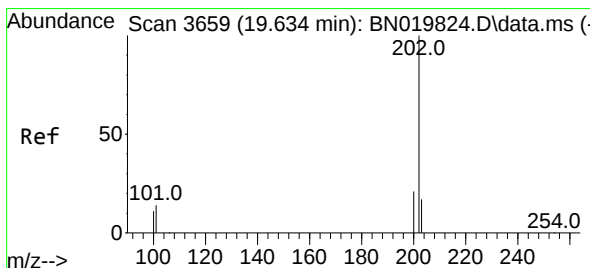
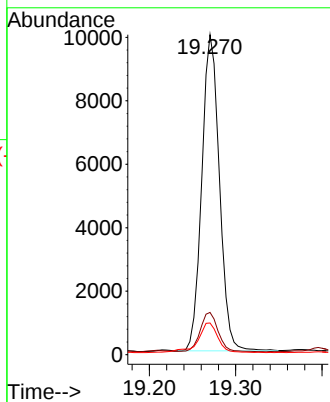
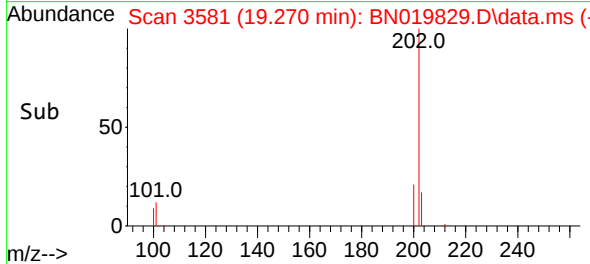
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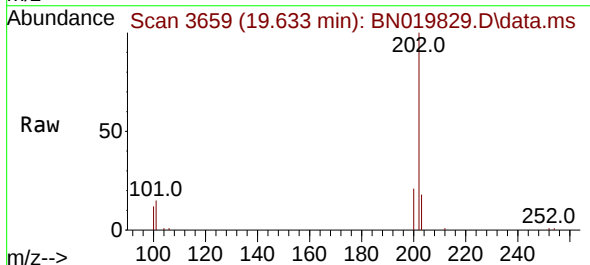
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Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
100 9.9 7.4 11.2

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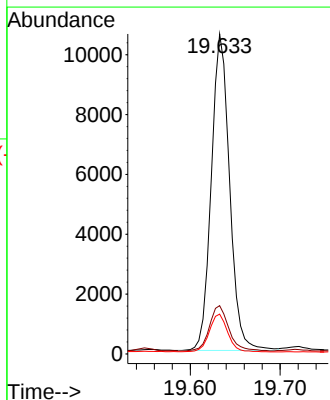
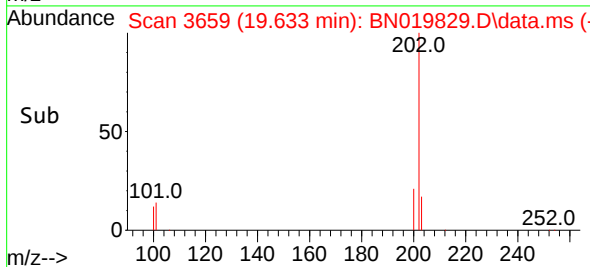
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

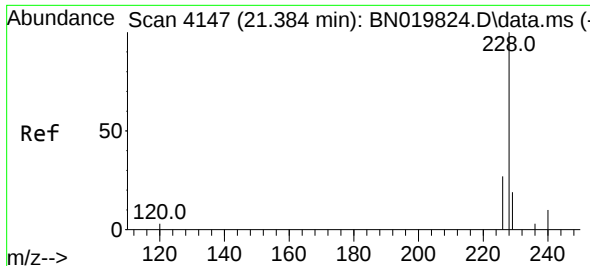


#20
Pyrene
Concen: 0.210 ng/u1
RT: 19.633 min Scan# 3659
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55



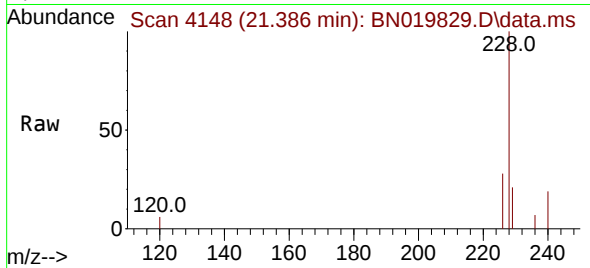
Tgt Ion:202 Resp: 14971
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 12.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.229 ng/ul
RT: 21.386 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

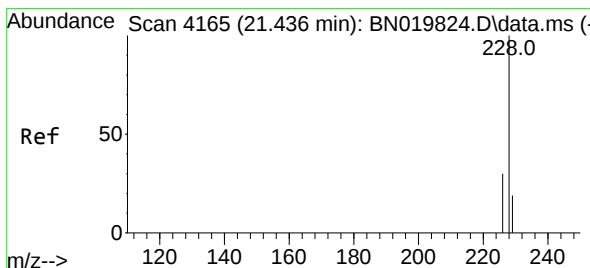
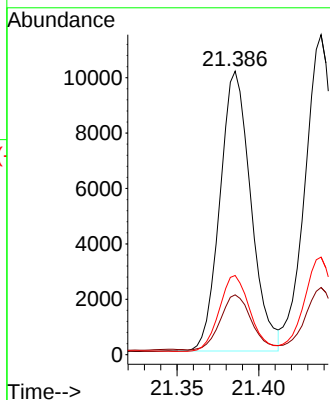
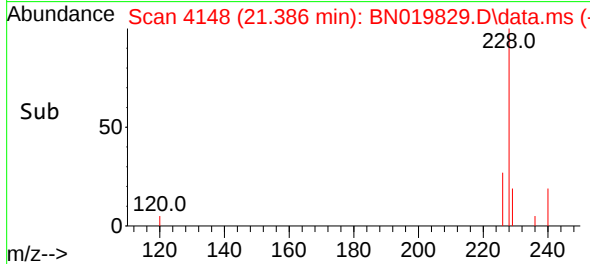
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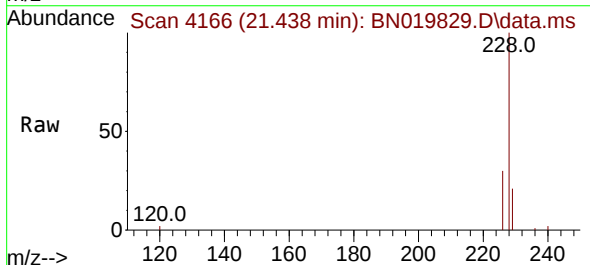
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Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.0 22.1 33.1

Manual Integrations
APPROVED

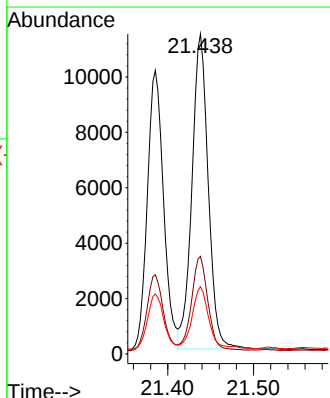
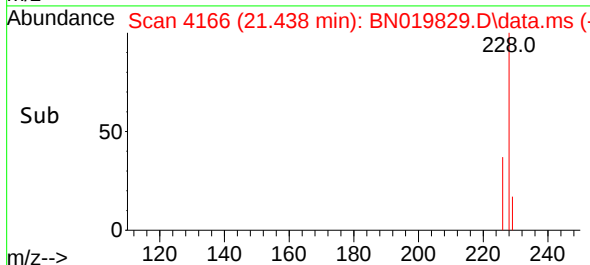
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

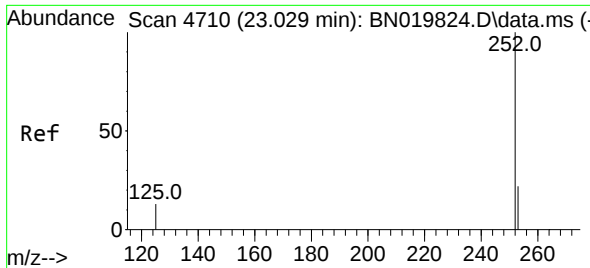


#22
Chrysene
Concen: 0.219 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55



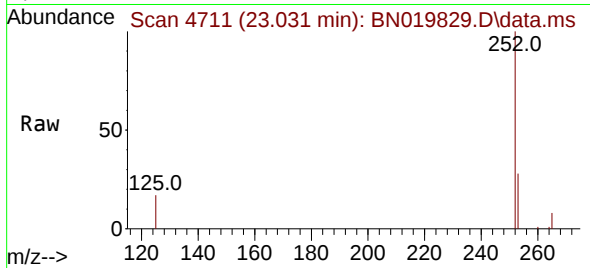
Tgt Ion:228 Resp: 15030
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

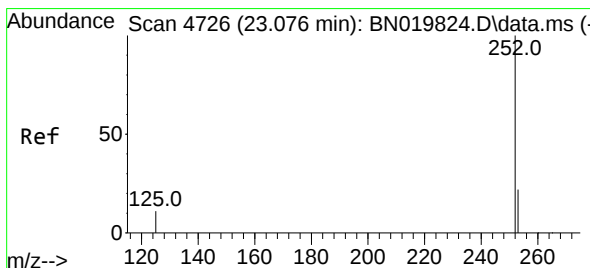
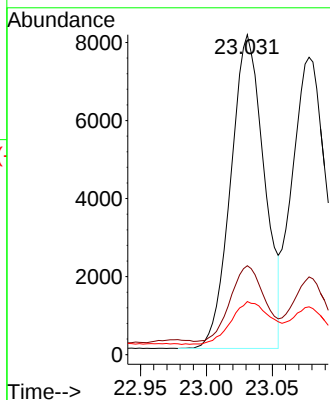
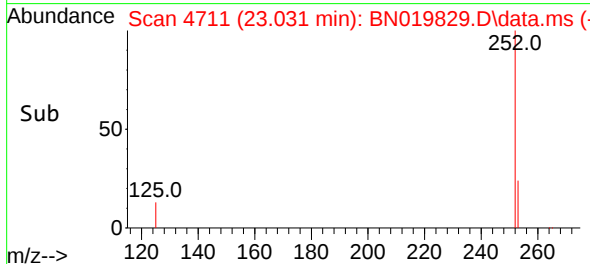
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



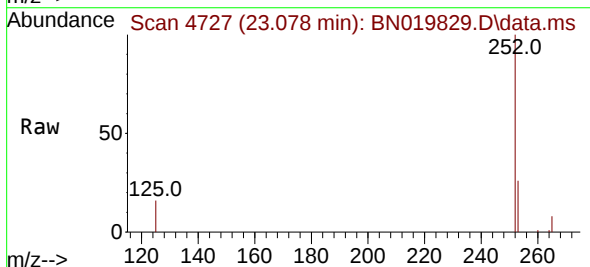
Tgt Ion:252 Resp: 1423
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.0
125 16.6 0.0 40.2

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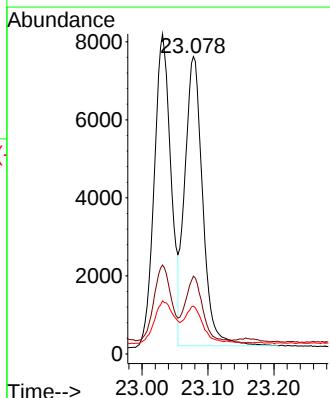
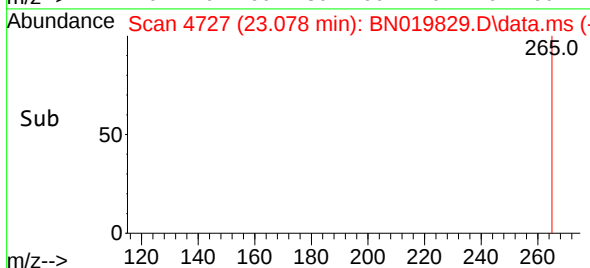
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022

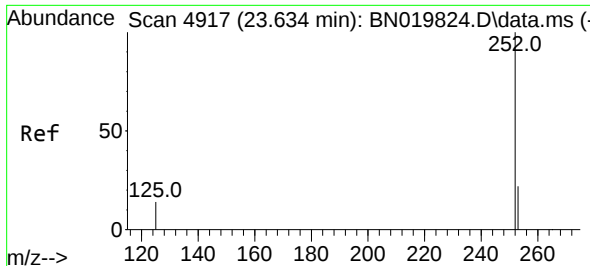


#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul
RT: 23.078 min Scan# 4727
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55



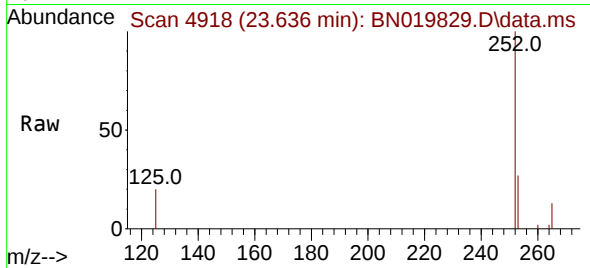
Tgt Ion:252 Resp: 13963
Ion Ratio Lower Upper
252 100
253 26.1 20.2 30.2
125 16.1 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

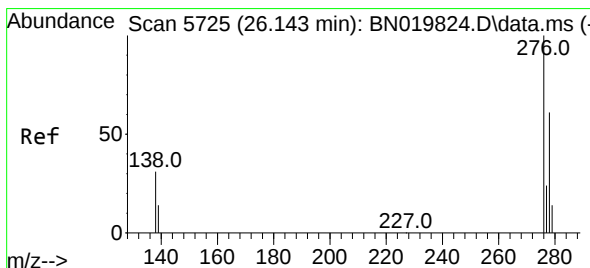
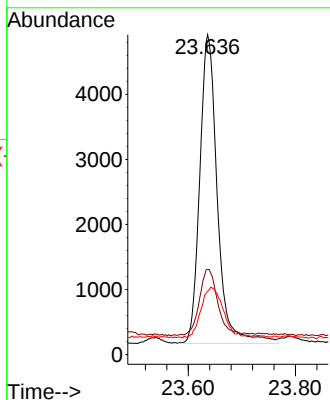
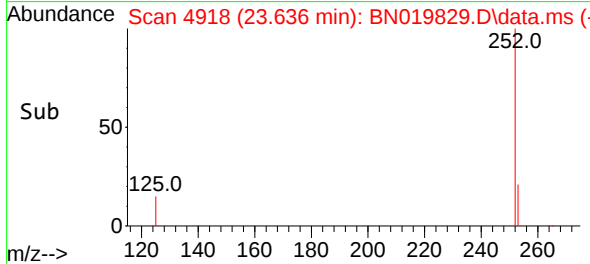
Instrument :
BNA_N
ClientSampleId :
EW4F3MSD



Tgt Ion:252 Resp: 10834
Ion Ratio Lower Upper
252 100
253 26.7 23.4 35.0
125 19.8 28.3 42.5

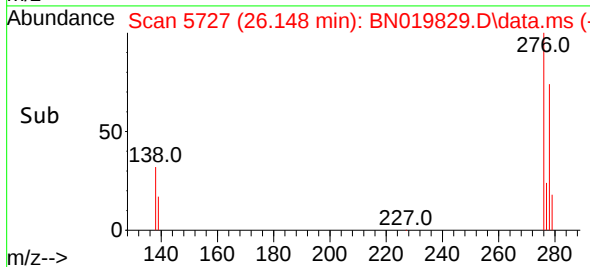
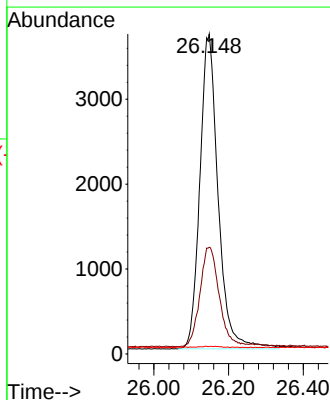
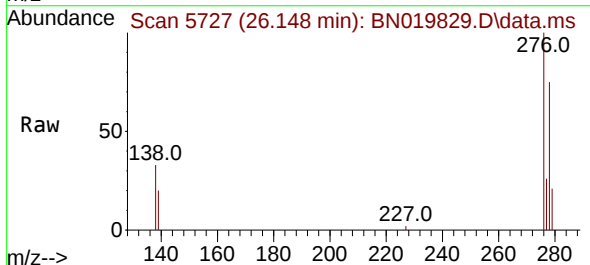
Manual Integrations
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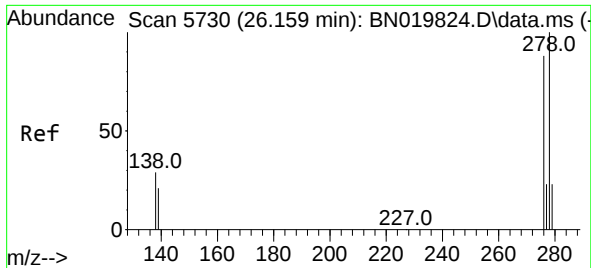
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. 0.000 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

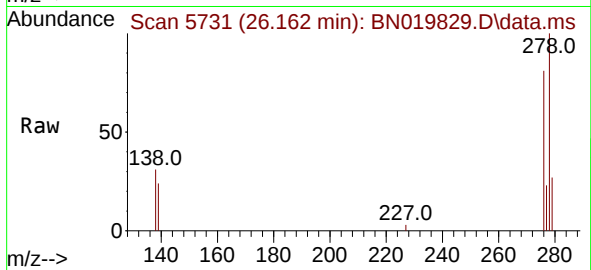
Tgt Ion:276 Resp: 12584
Ion Ratio Lower Upper
276 100
138 33.4 23.6 35.4
227 0.4 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.178 ng/ul
 RT: 26.162 min Scan# 5117
 Delta R.T. -0.003 min
 Lab File: BN019829.D
 Acq: 18 May 2022 13:55

Instrument :
 BNA_N
 ClientSampleId :
 EW4F3MSD



Tgt Ion:278 Resp: 1117
 Ion Ratio Lower Upper
 278 100
 139 24.0 18.6 28.0
 279 27.0 35.1 52.7

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

