

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019921.D
 Acq On : 24 May 2022 12:30
 Operator : CG/JU
 Sample : N2843-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 01:45:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17390	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	14836	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	11487	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2002	0.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	792	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1827	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	3428	0.078	ng/ul#	95
7) 2-Methylnaphthalene	12.300	142	3686	0.126	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	2950	0.108	ng/ul#	100
10) Acenaphthylene	14.192	152	1691	0.035	ng/ul#	79
11) Acenaphthene	14.534	153	1242	0.038	ng/ul	95
12) Fluorene	15.520	166	899	0.025	ng/ul#	91
15) Phenanthrene	17.251	178	20861	0.341	ng/ul	99
16) Anthracene	17.344	178	4162	0.073	ng/ul	95
19) Fluoranthene	19.272	202	50266	0.679	ng/ul	98
20) Pyrene	19.634	202	47716	0.635	ng/ul	97
21) Benzo(a)anthracene	21.382	228	26001	0.429	ng/ul	96
22) Chrysene	21.435	228	29568	0.483	ng/ul	95
24) Benzo(b)fluoranthene	23.034	252	38253m	0.753	ng/ul	
25) Benzo(k)fluoranthene	23.069	252	13171m	0.266	ng/ul	
26) Benzo(a)pyrene	23.636	252	26657	0.555	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.141	276	19252	0.382	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.148	278	4281	0.104	ng/ul#	70
29) Benzo(g,h,i)perylene	26.882	276	17029	0.395	ng/ul#	91

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

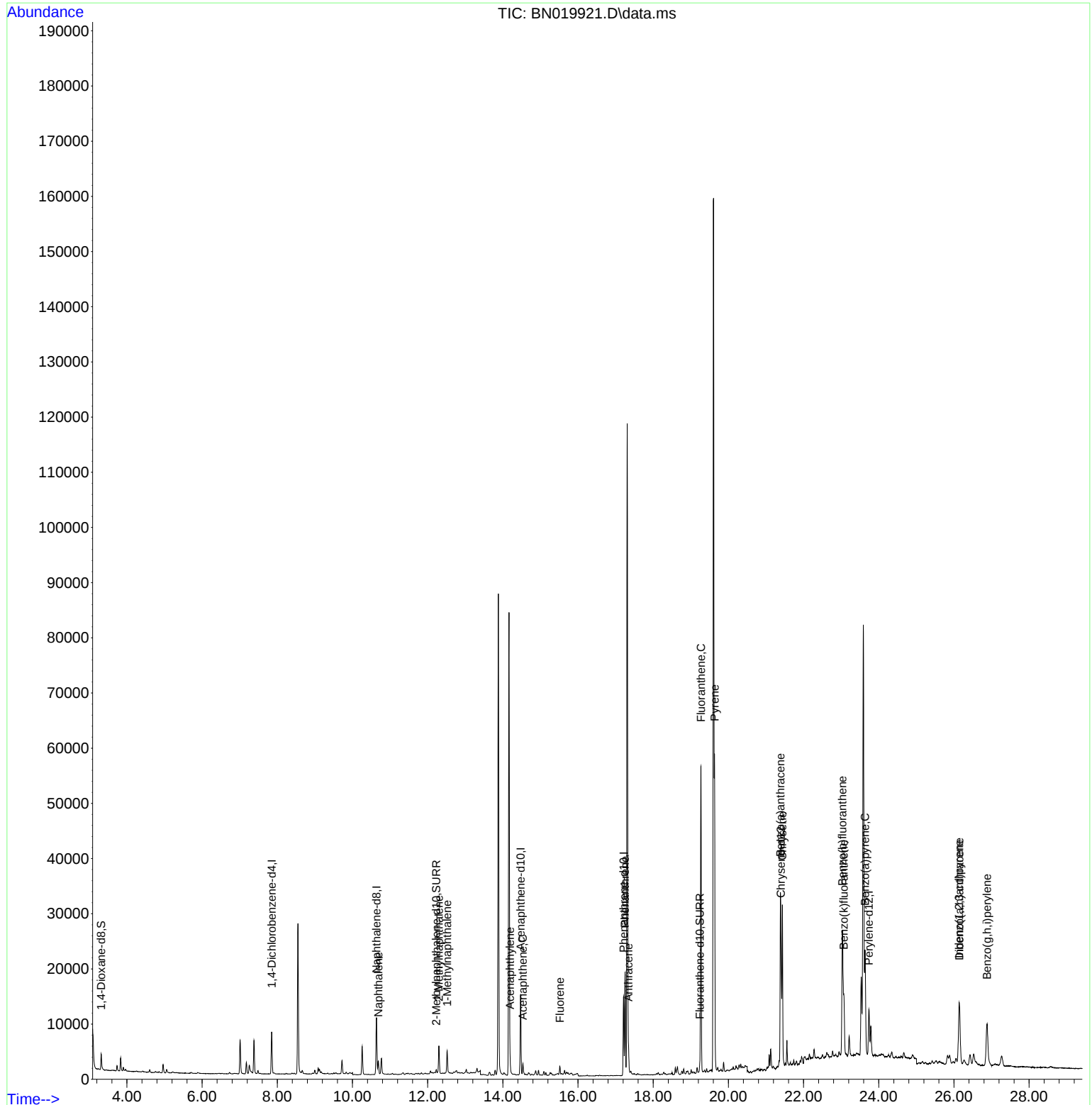
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019921.D
Acq On : 24 May 2022 12:30
Operator : CG/JU
Sample : N2843-01DL 5X
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ALS Vial : 6 Sample Multiplier: 1

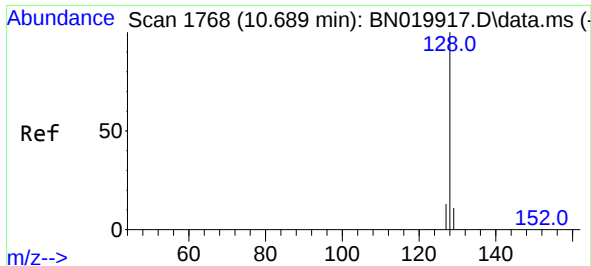
Instrument :
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EW4H3DL

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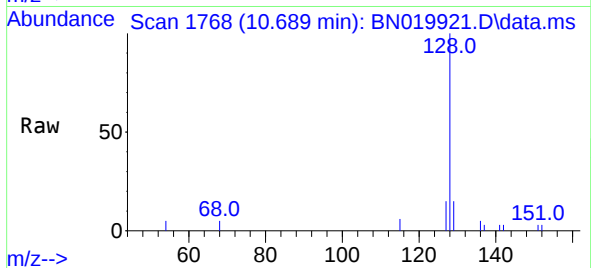
Quant Time: May 25 01:45:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

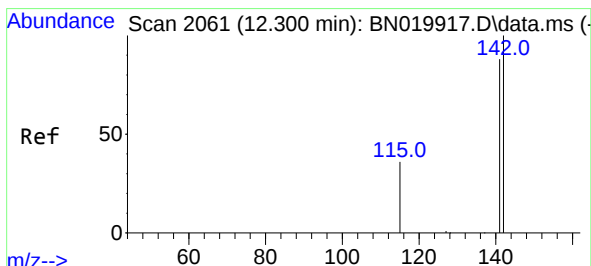
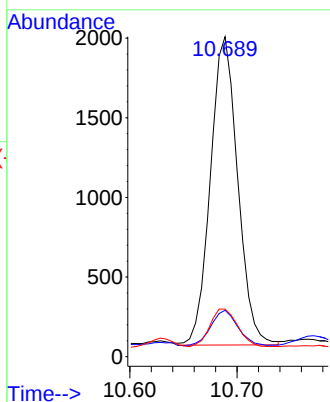
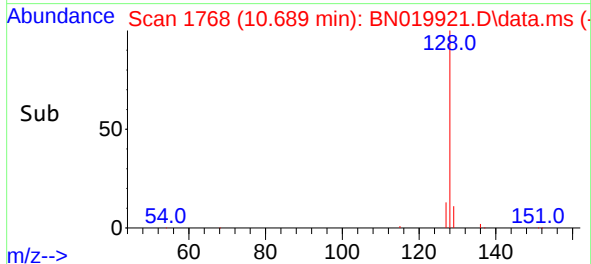
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



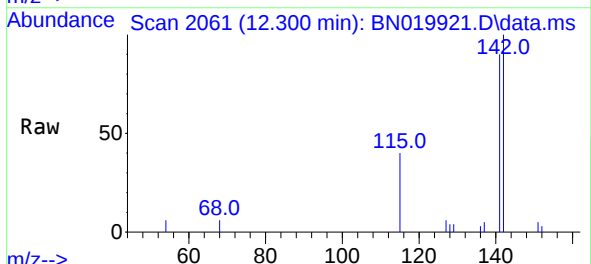
Tgt Ion:128 Resp: 3428
Ion Ratio Lower Upper
128 100
129 14.5 9.5 14.3
127 14.9 11.0 16.4

Manual Integrations
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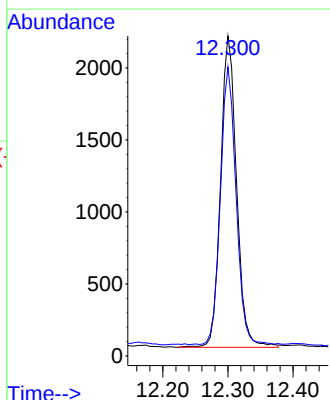
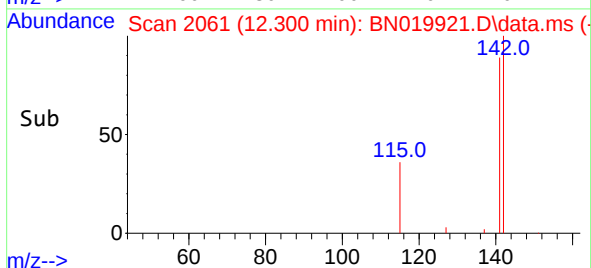
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

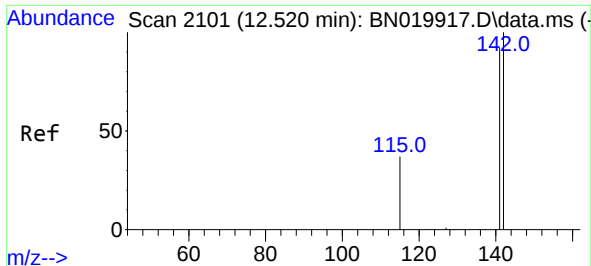


#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



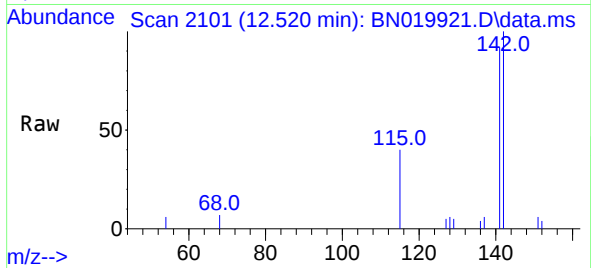
Tgt Ion:142 Resp: 3686
Ion Ratio Lower Upper
142 100
141 87.4 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

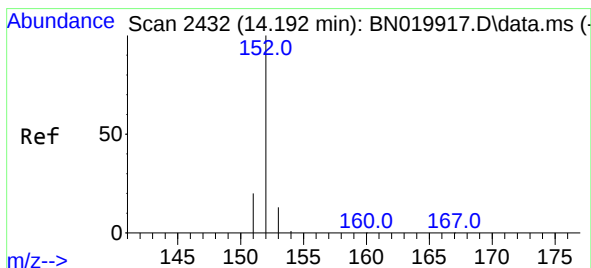
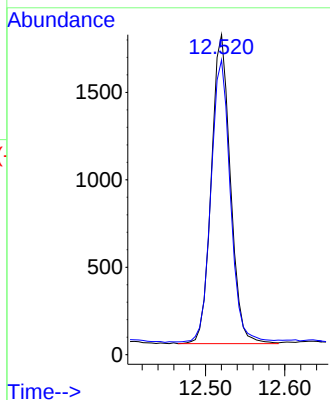
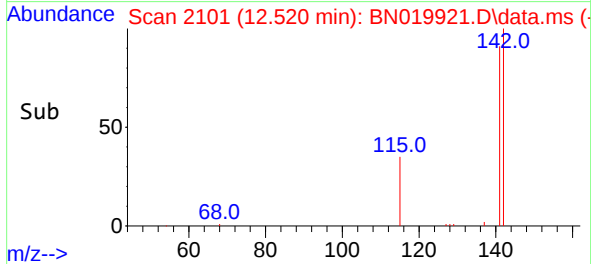
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



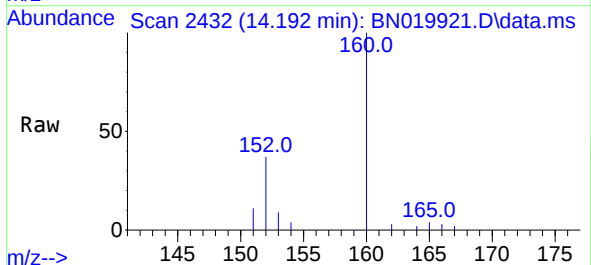
Tgt Ion:142 Resp: 2950
Ion Ratio Lower Upper
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141 93.5 0.0 0.0

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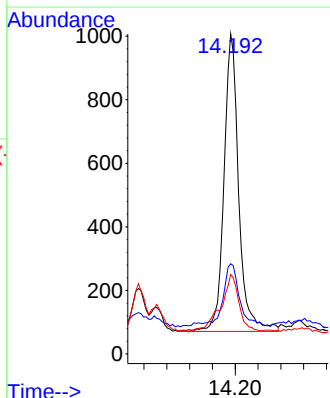
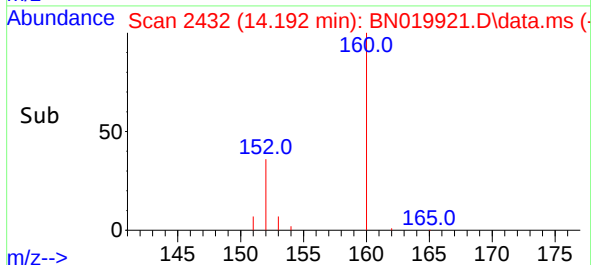
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

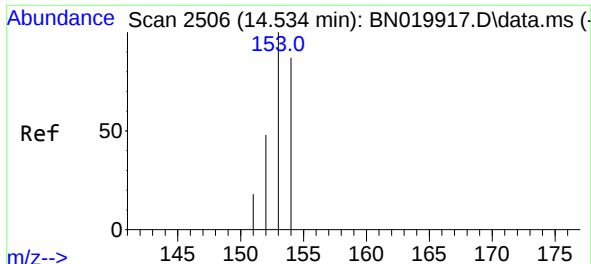


#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



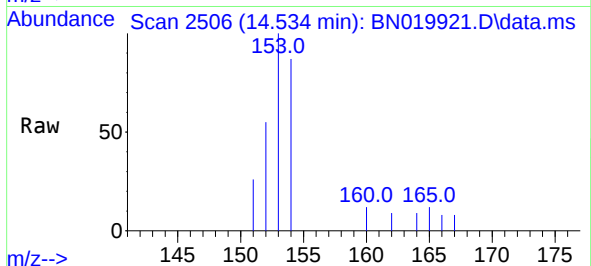
Tgt Ion:152 Resp: 1691
Ion Ratio Lower Upper
152 100
151 28.2 16.3 24.5#
153 24.8 11.1 16.7#





#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

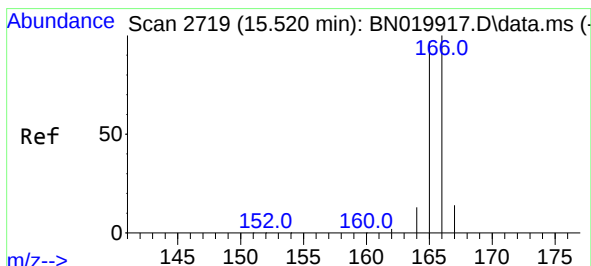
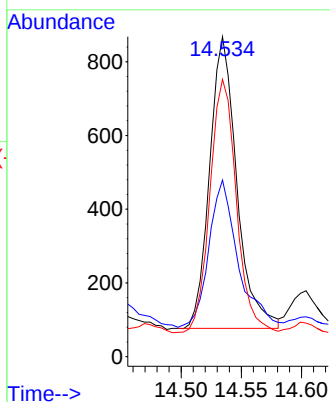
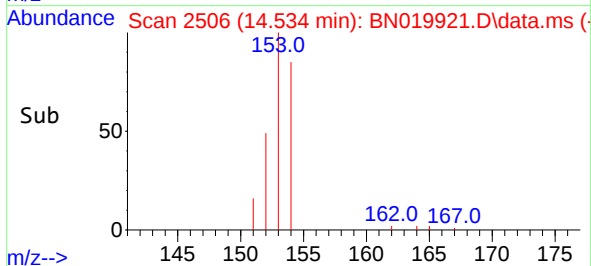
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



Tgt Ion:153 Resp: 124
Ion Ratio Lower Upper
153 100
152 55.2 38.6 57.8
154 86.6 71.2 106.8

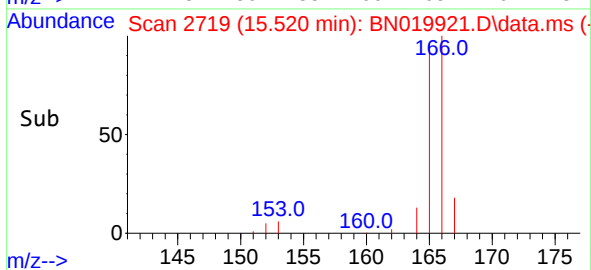
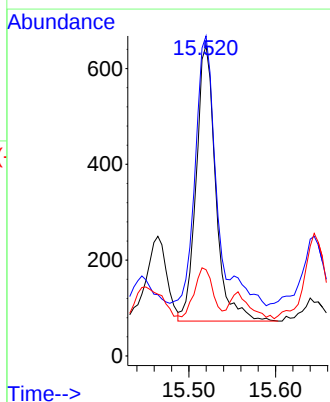
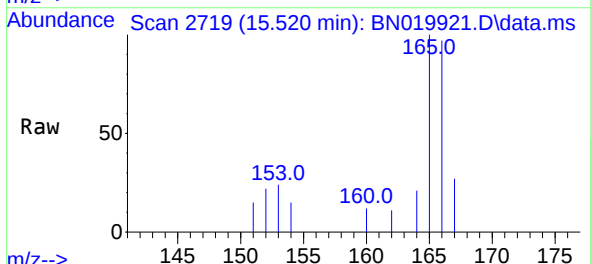
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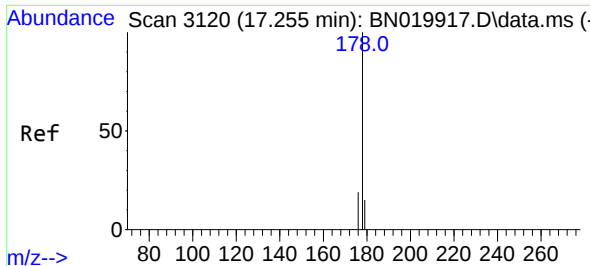
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

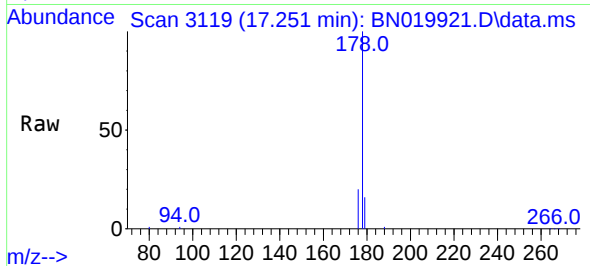
Tgt Ion:166 Resp: 899
Ion Ratio Lower Upper
166 100
165 103.1 78.2 117.2
167 27.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

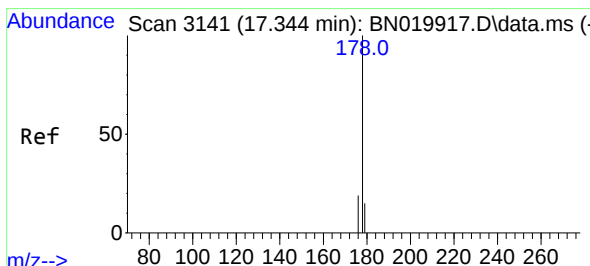
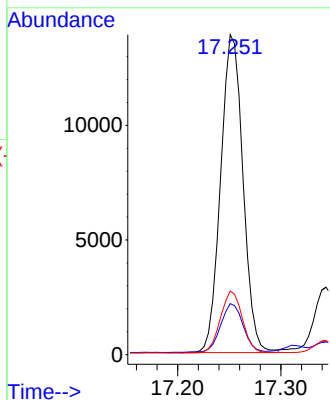
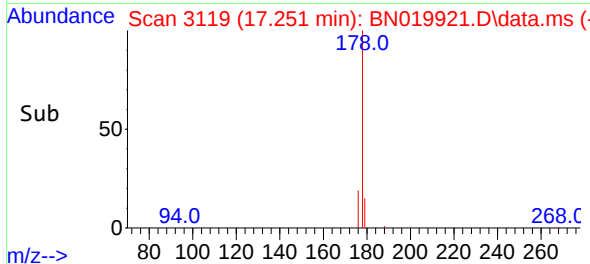
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



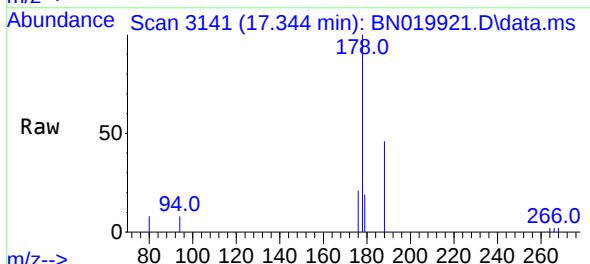
Tgt Ion:178 Resp: 2086
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.9 15.5 23.3

Manual Integrations
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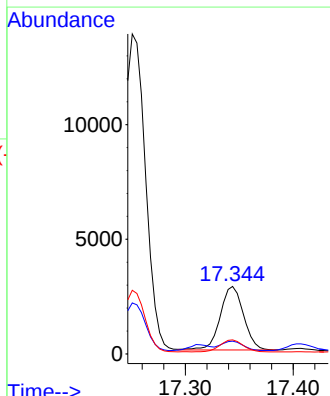
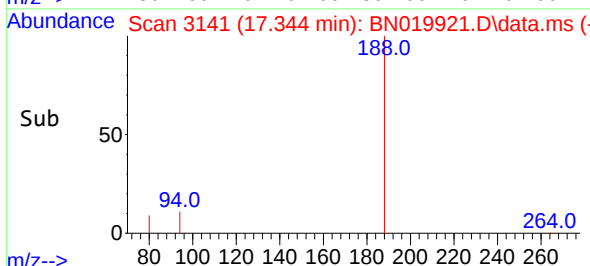
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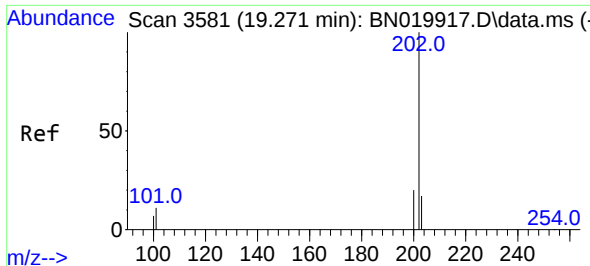


#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



Tgt Ion:178 Resp: 4162
Ion Ratio Lower Upper
178 100
179 18.8 13.1 19.7
176 20.8 15.3 22.9





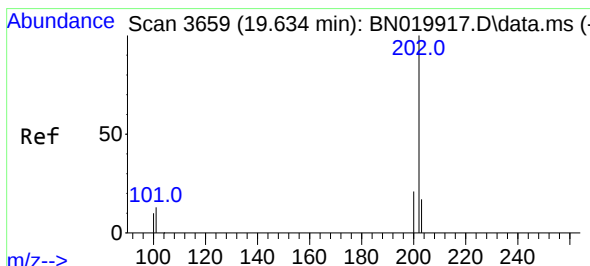
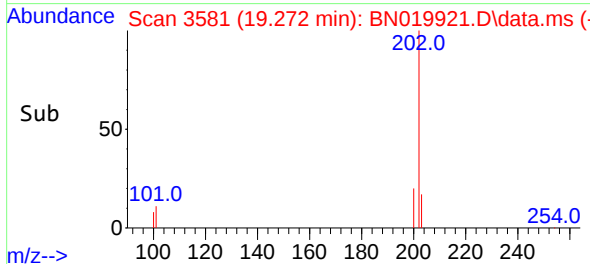
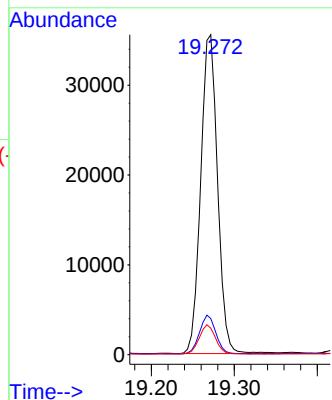
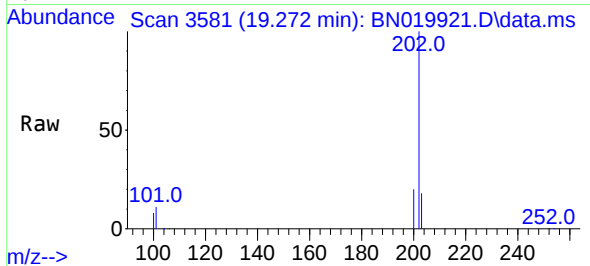
#19
Fluoranthene
Concen: 0.679 ng/u1
RT: 19.272 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Instrument :
BNA_N
ClientSampleId :
EW4H3DL

Tgt Ion:202 Resp: 50260
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.3 7.4 11.2

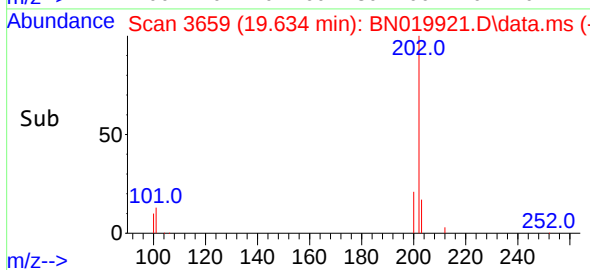
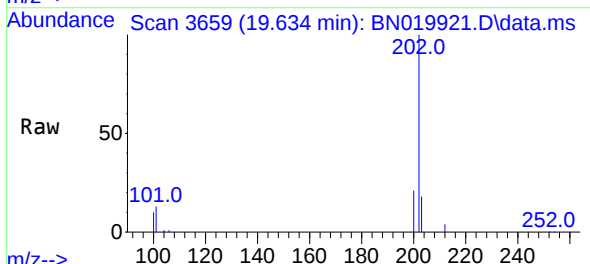
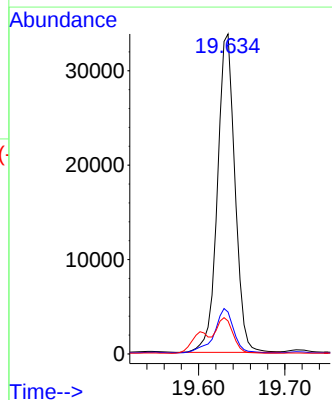
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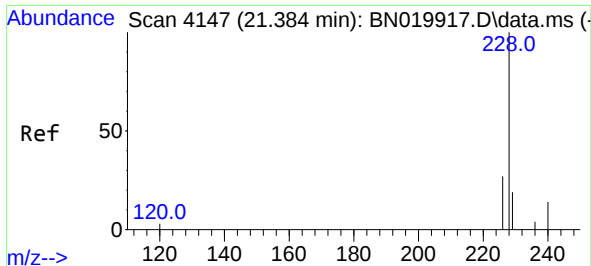
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#20
Pyrene
Concen: 0.635 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

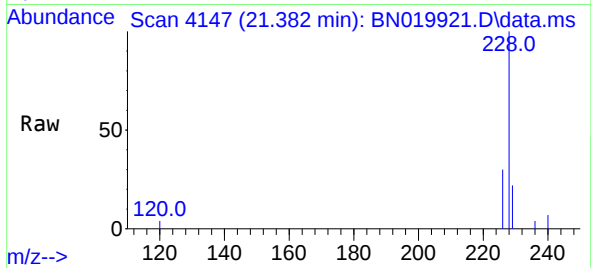
Tgt Ion:202 Resp: 47716
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.429 ng/u1
RT: 21.382 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

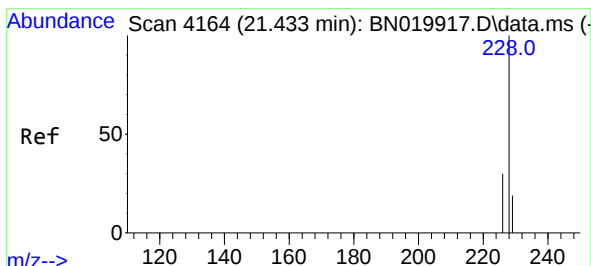
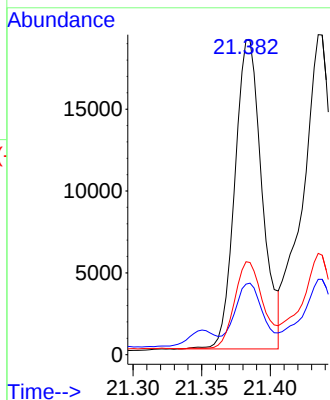
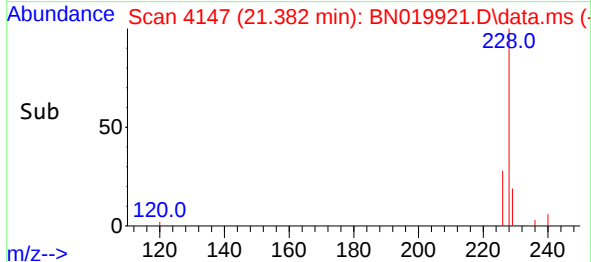
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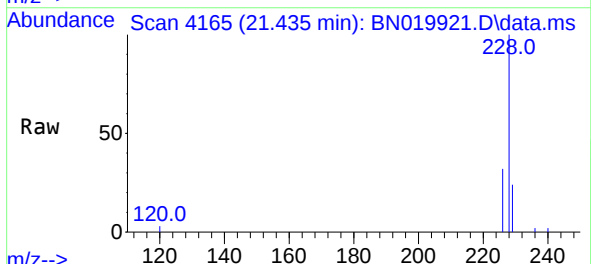
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Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 29.5 22.1 33.1

Manual Integrations
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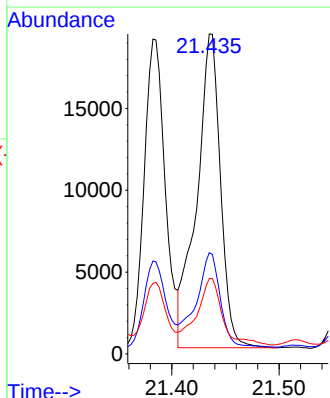
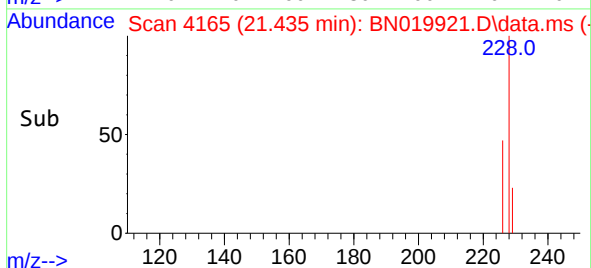
Reviewed By :Jagrut Upadhyay 05/25/2022
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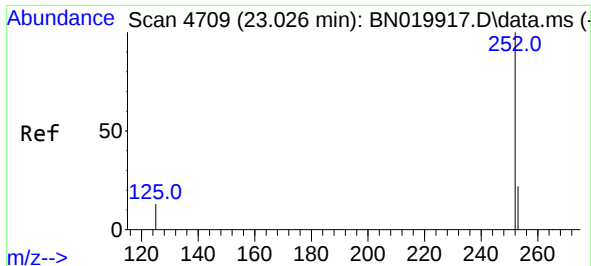


#22
Chrysene
Concen: 0.483 ng/u1
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



Tgt Ion:228 Resp: 29568
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 23.5 16.0 24.0





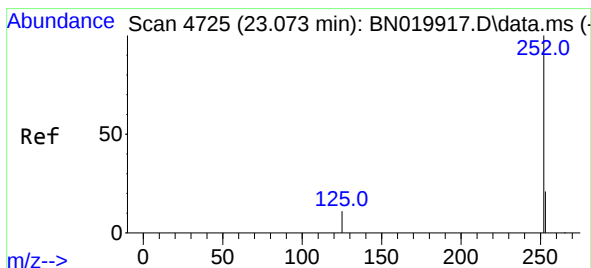
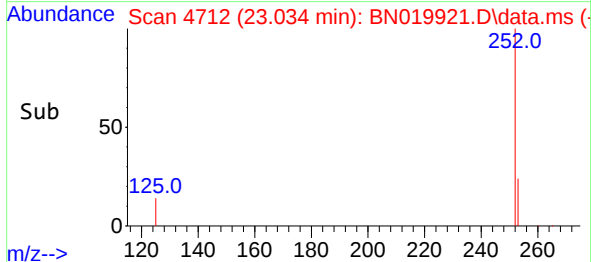
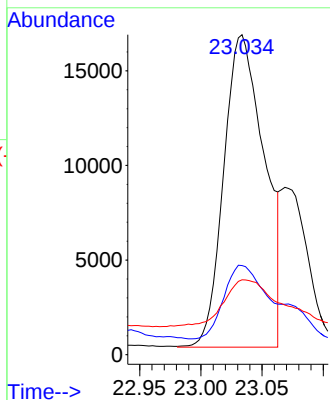
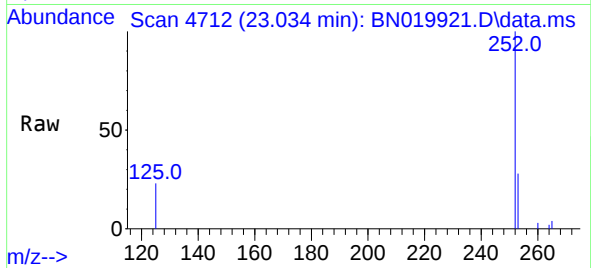
#24
Benzo(b)fluoranthene
Concen: 0.753 ng/ul m
RT: 23.034 min Scan# 4712
Delta R.T. 0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Instrument :
BNA_N
ClientSampleId :
EW4H3DL

Tgt Ion:252 Resp: 3825
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.0
125 23.4 0.0 40.2

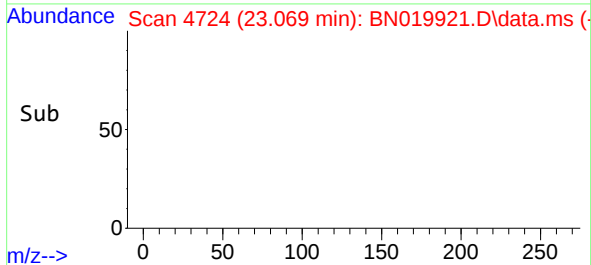
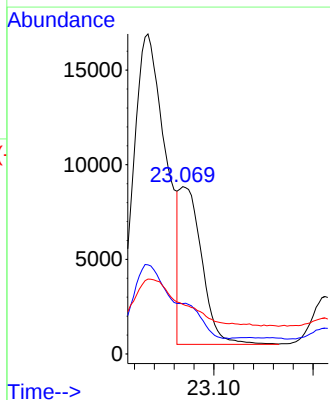
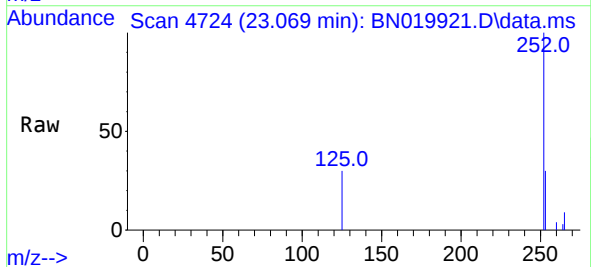
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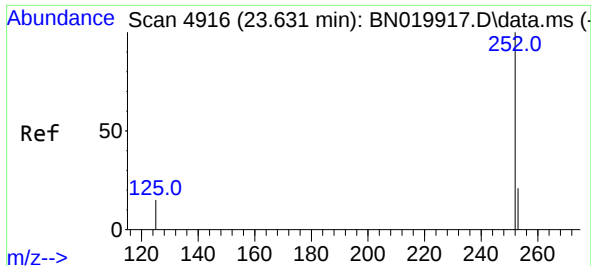
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 23.069 min Scan# 4724
Delta R.T. -0.011 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

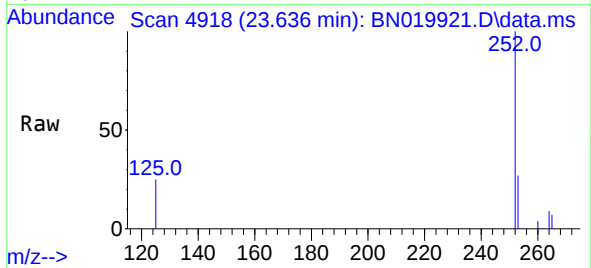
Tgt Ion:252 Resp: 13171
Ion Ratio Lower Upper
252 100
253 30.1 20.2 30.2
125 29.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.555 ng/ul
RT: 23.636 min Scan# 4916
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

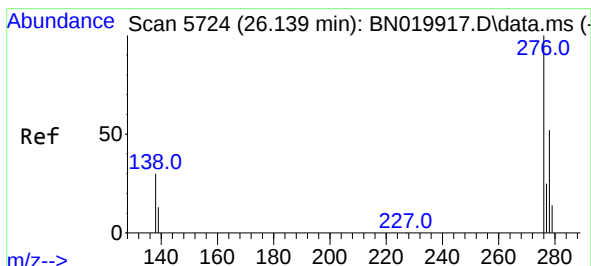
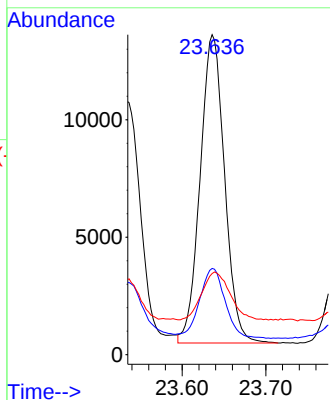
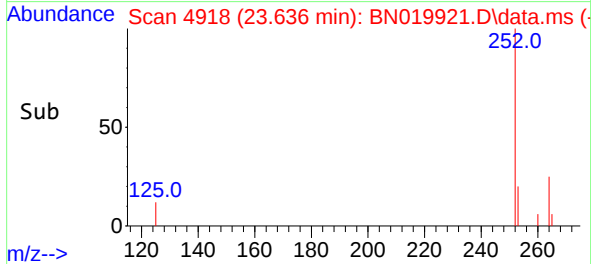
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



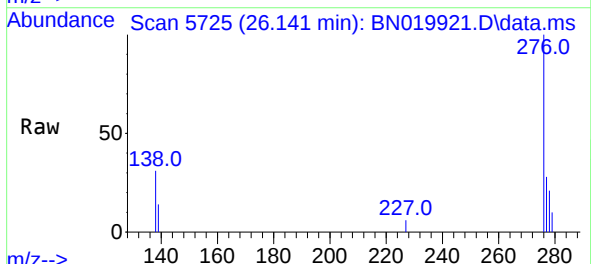
Tgt Ion:252 Resp: 2665
Ion Ratio Lower Upper
252 100
253 26.9 23.4 35.0
125 25.4 28.3 42.5

Manual Integrations
APPROVED

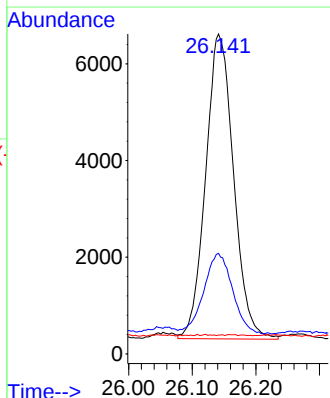
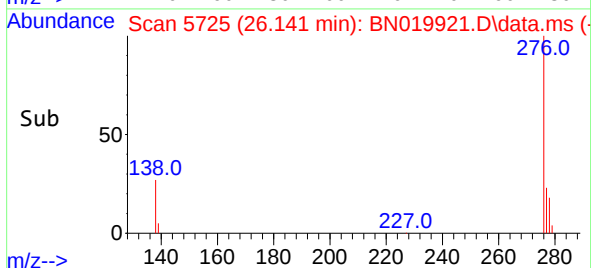
Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022

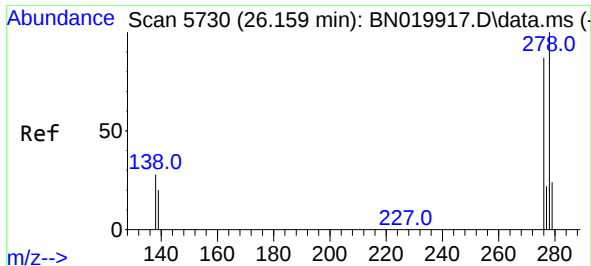


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



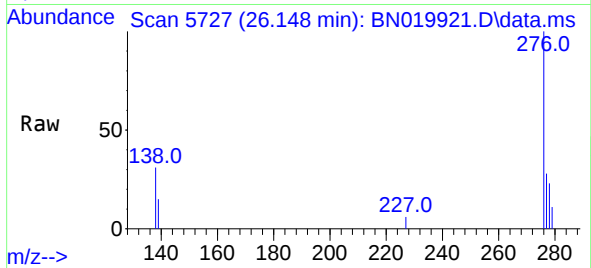
Tgt Ion:276 Resp: 19252
Ion Ratio Lower Upper
276 100
138 27.0 23.6 35.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.148 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

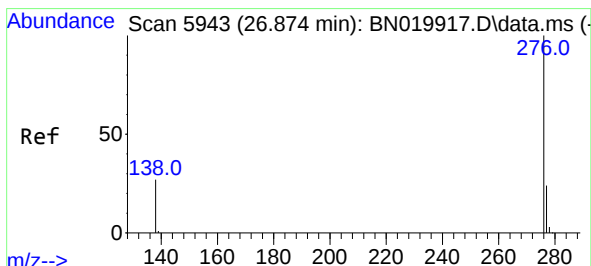
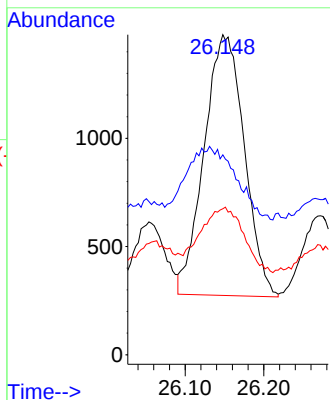
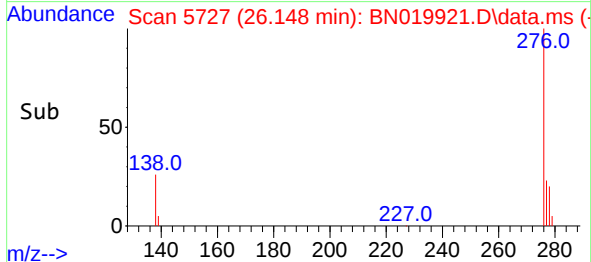
Instrument :
BNA_N
ClientSampleId :
EW4H3DL



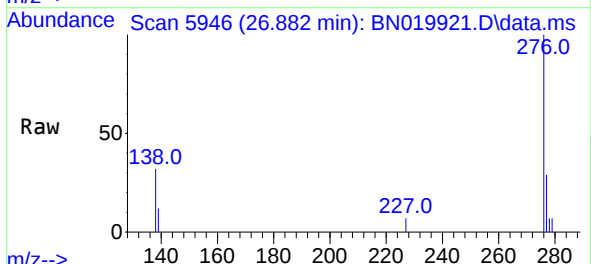
Tgt Ion:278 Resp: 428
Ion Ratio Lower Upper
278 100
139 62.5 18.6 28.0
279 45.6 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30



Tgt Ion:276 Resp: 17029
Ion Ratio Lower Upper
276 100
138 32.2 20.9 31.3
277 28.5 20.4 30.6

