

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019960.D
 Acq On : 25 May 2022 20:20
 Operator : CG/JU
 Sample : N2883-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4K7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 01:16:04 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	3715	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13188	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.469	164	8049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17053	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12062	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	9662	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	14333	4.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	5089	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	12017	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	2928	0.071	ng/ul#	94
7) 2-Methylnaphthalene	12.300	142	2005	0.073	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1523	0.060	ng/ul#	100
10) Acenaphthylene	14.192	152	1011	0.022	ng/ul#	81
11) Acenaphthene	14.534	153	784	0.025	ng/ul	97
12) Fluorene	15.520	166	769	0.022	ng/ul#	96
15) Phenanthrene	17.251	178	14071	0.235	ng/ul	100
16) Anthracene	17.344	178	3206	0.057	ng/ul	94
19) Fluoranthene	19.267	202	31293	0.520	ng/ul	100
20) Pyrene	19.629	202	28265	0.463	ng/ul	99
21) Benzo(a)anthracene	21.379	228	13758	0.279	ng/ul	98
22) Chrysene	21.432	228	14937	0.300	ng/ul	97
24) Benzo(b)fluoranthene	23.028	252	19156m	0.449	ng/ul	
25) Benzo(k)fluoranthene	23.069	252	6604m	0.159	ng/ul	
26) Benzo(a)pyrene	23.633	252	13235	0.328	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.134	276	9126	0.215	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.151	278	2194	0.063	ng/ul#	77
29) Benzo(g,h,i)perylene	26.875	276	9955	0.275	ng/ul	94

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

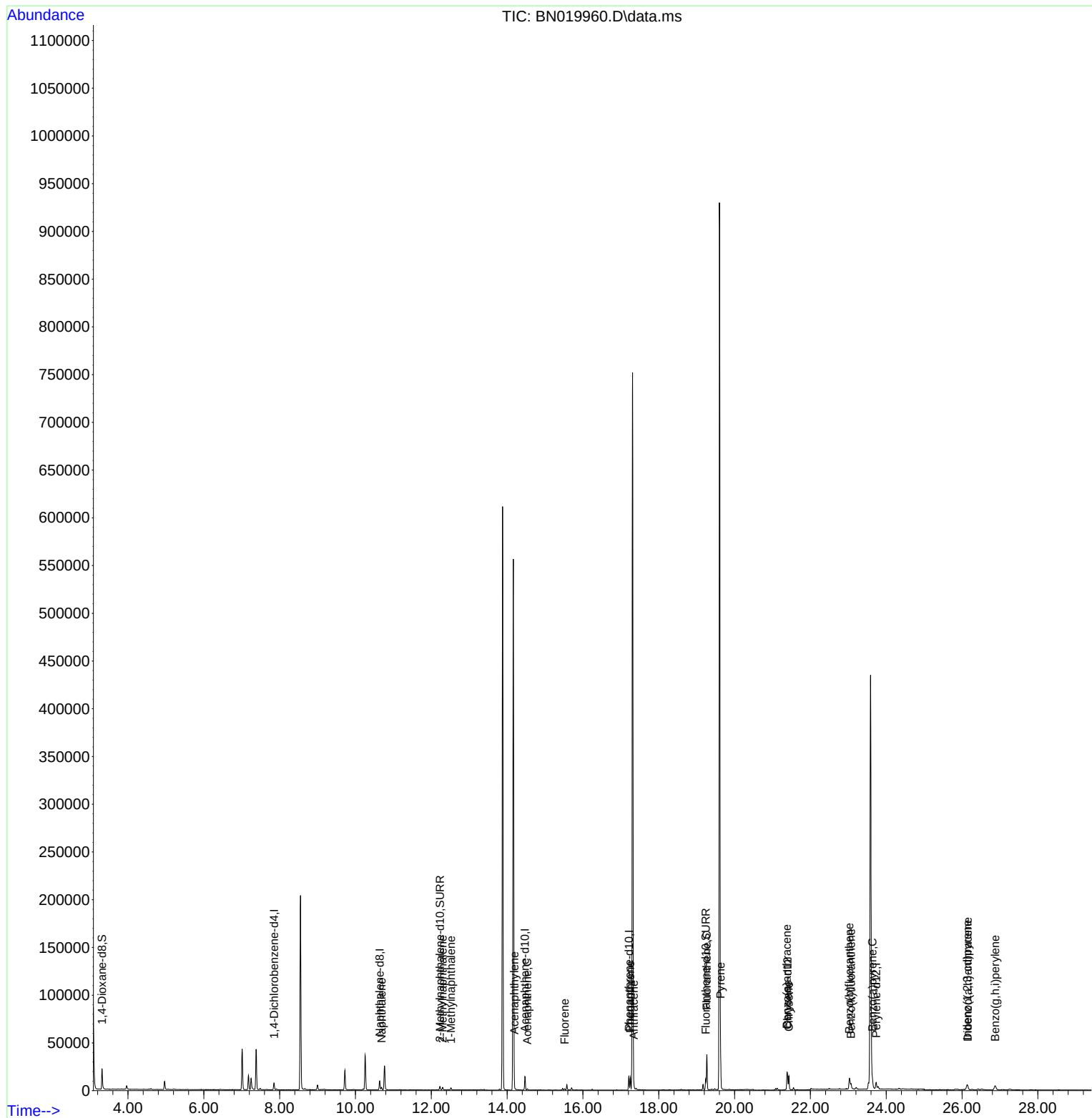
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019960.D
Acq On : 25 May 2022 20:20
Operator : CG/JU
Sample : N2883-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

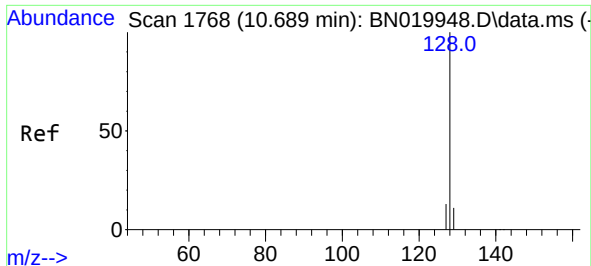
Instrument :
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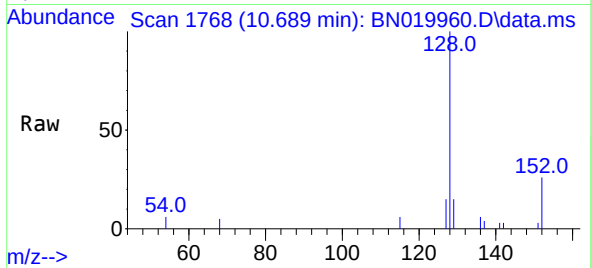
Quant Time: May 26 01:16:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

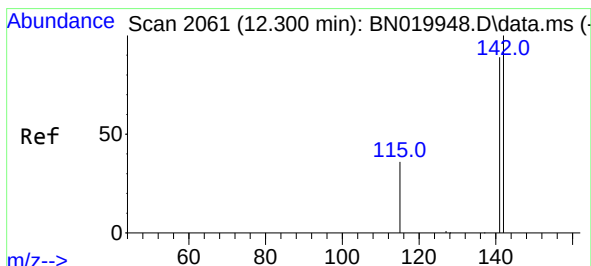
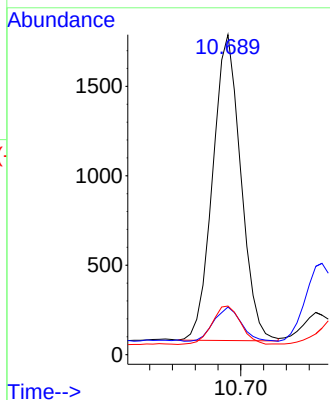
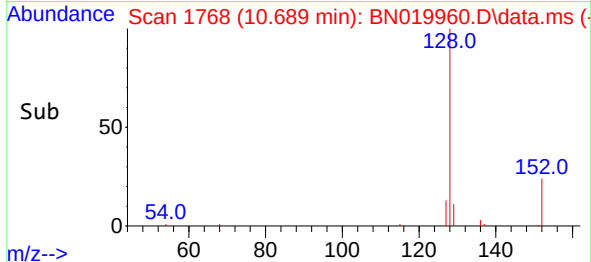
Instrument :
BNA_N
ClientSampleId :
EW4K7



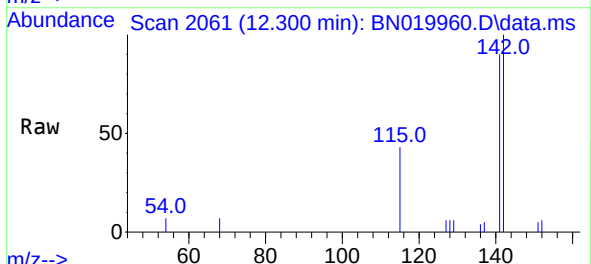
Tgt Ion:128 Resp: 2928
Ion Ratio Lower Upper
128 100
129 14.9 9.5 14.3
127 15.2 11.0 16.4

Manual Integrations
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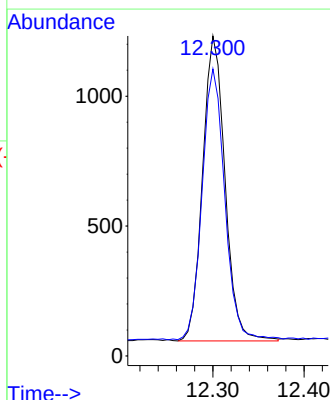
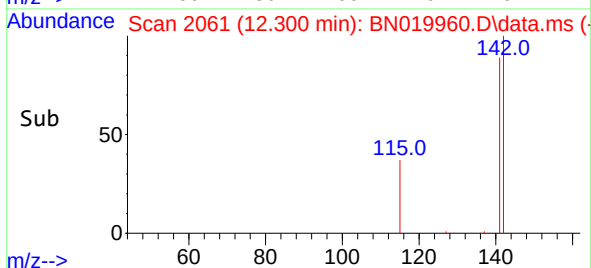
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

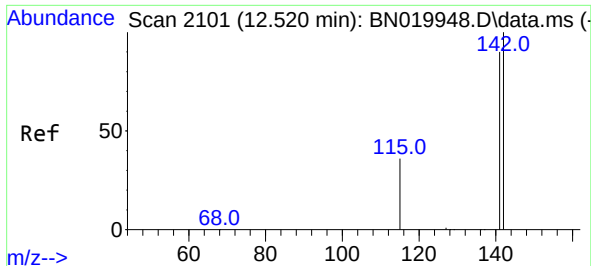


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20



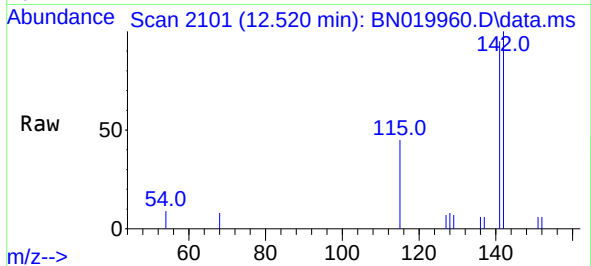
Tgt Ion:142 Resp: 2005
Ion Ratio Lower Upper
142 100
141 90.0 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.060 ng/u1
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

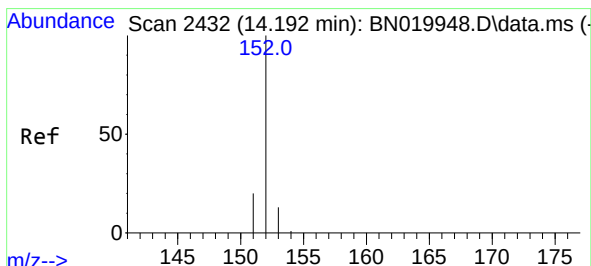
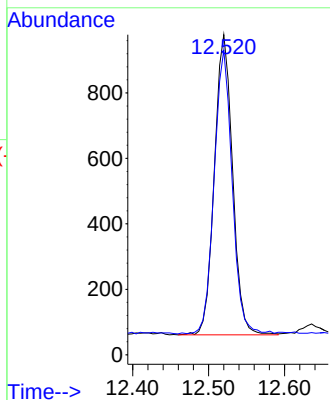
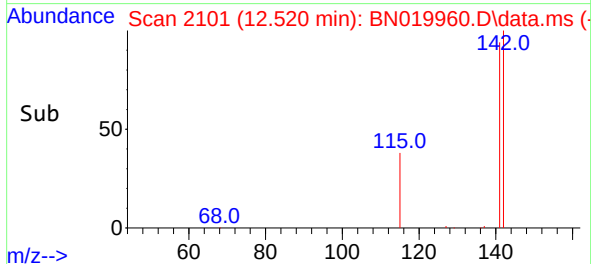
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
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141 93.7 0.0 0.0

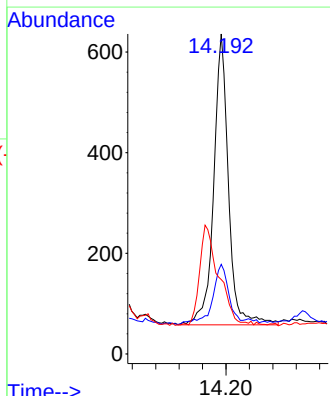
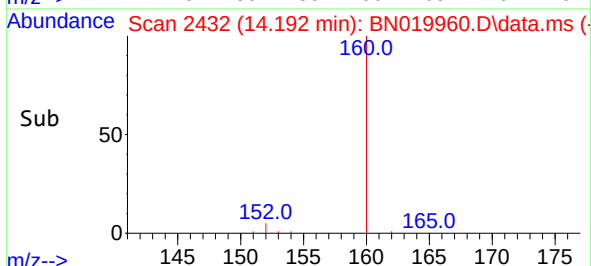
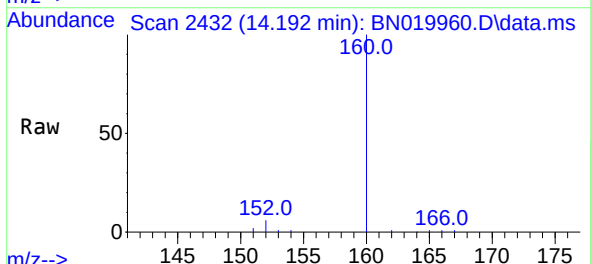
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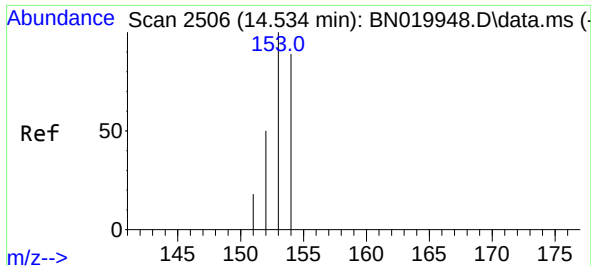
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

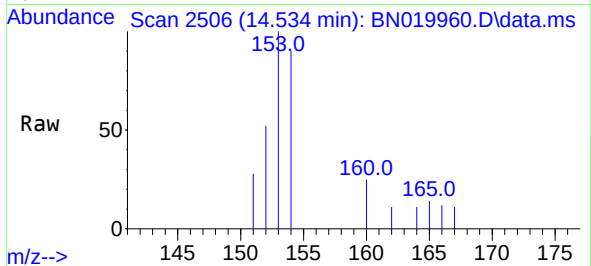
Tgt Ion:152 Resp: 1011
Ion Ratio Lower Upper
152 100
151 28.0 16.3 24.5#
153 23.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

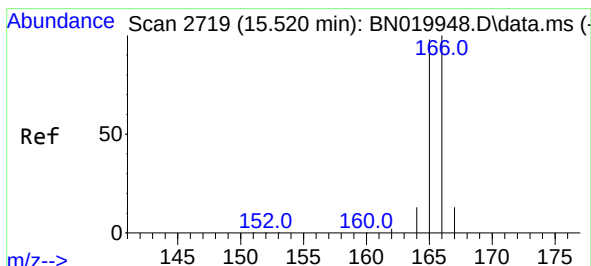
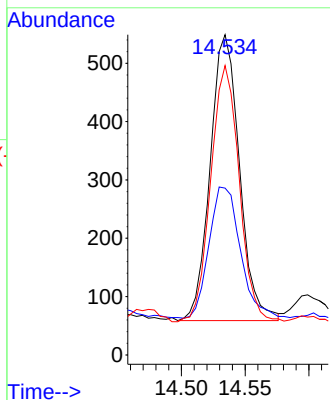
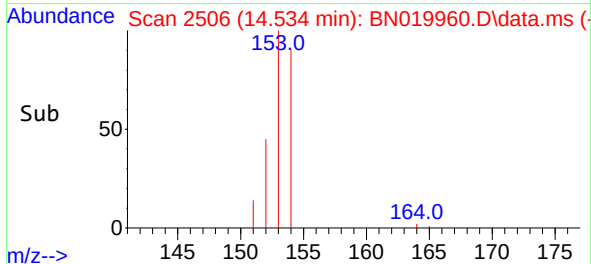
Instrument :
BNA_N
ClientSampleId :
EW4K7



Tgt Ion:153 Resp: 784
Ion Ratio Lower Upper
153 100
152 52.1 38.6 57.8
154 90.3 71.2 106.8

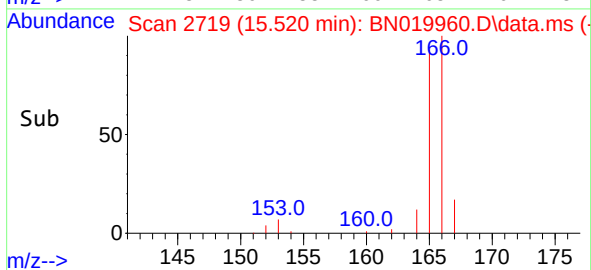
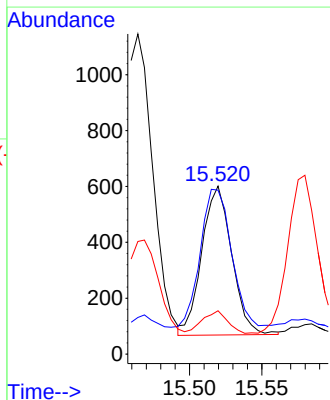
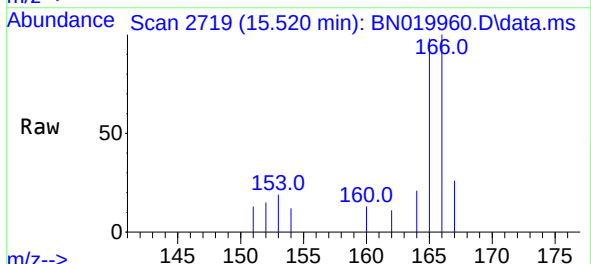
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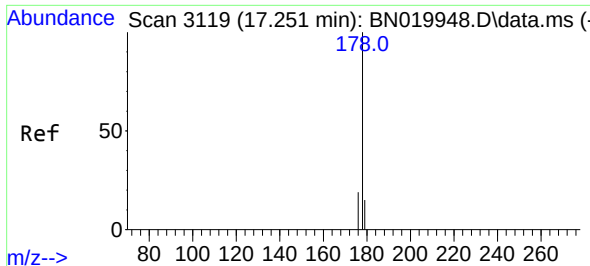
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

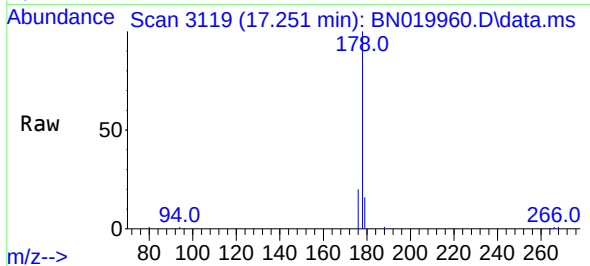
Tgt Ion:166 Resp: 769
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 25.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

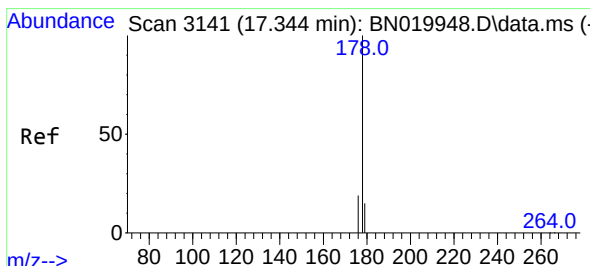
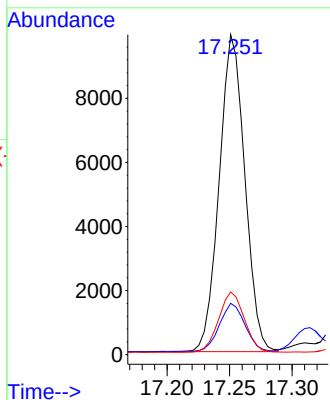
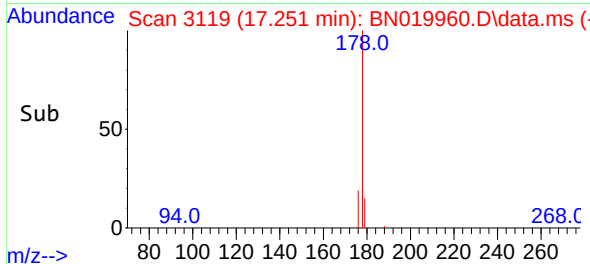
Instrument :
BNA_N
ClientSampleId :
EW4K7



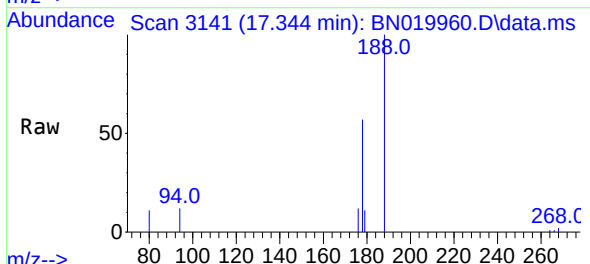
Tgt Ion:178 Resp: 1407
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.5 23.3

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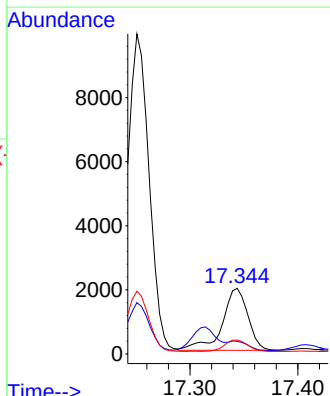
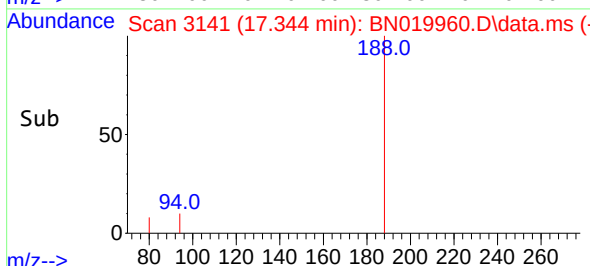
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

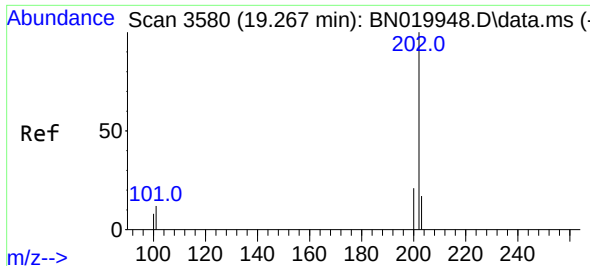


#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20



Tgt Ion:178 Resp: 3206
Ion Ratio Lower Upper
178 100
179 19.2 13.1 19.7
176 21.2 15.3 22.9





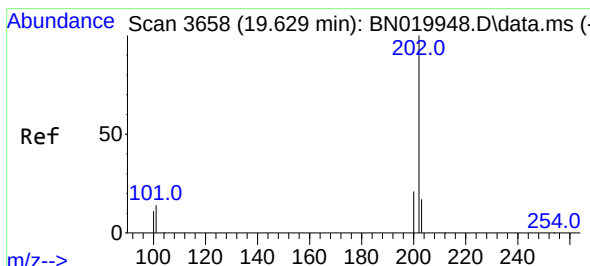
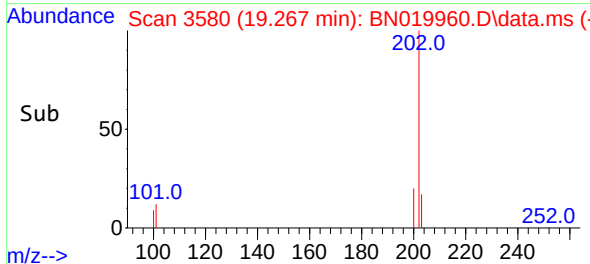
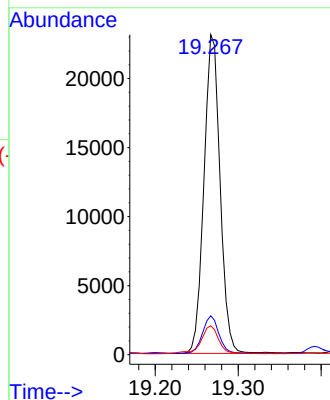
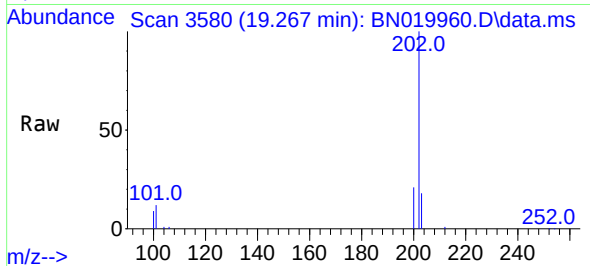
#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.267 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:202 Resp: 3129
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.1 7.4 11.2

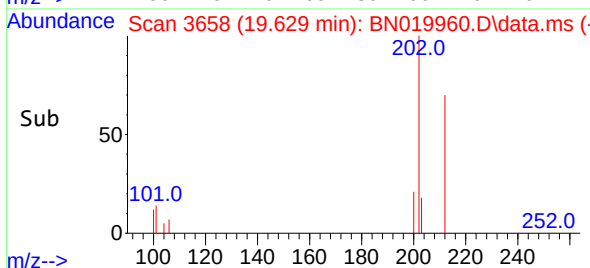
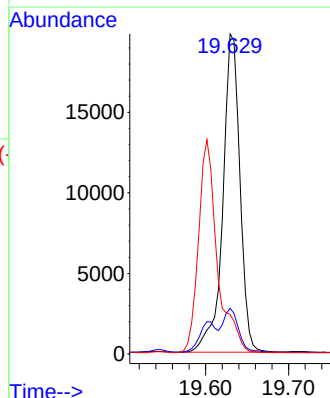
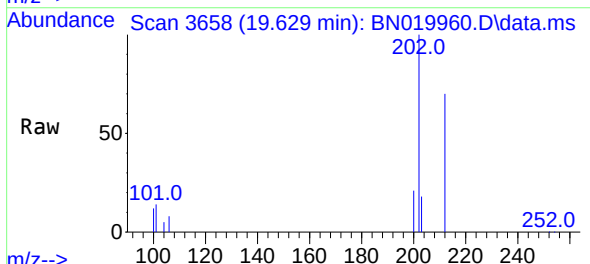
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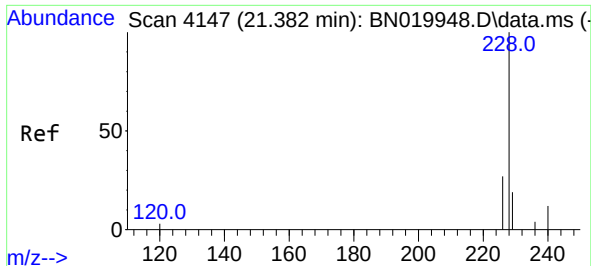
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#20
Pyrene
Concen: 0.463 ng/u1
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

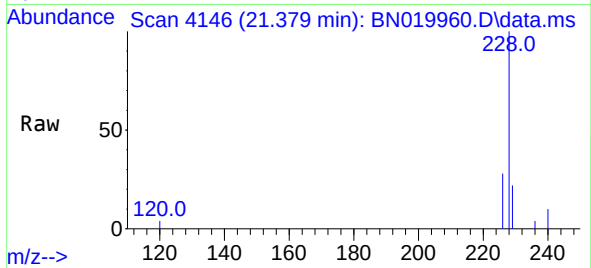
Tgt Ion:202 Resp: 28265
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 12.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.379 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

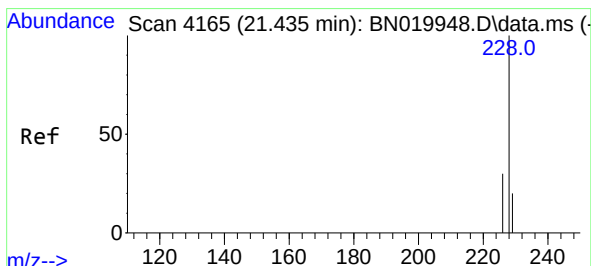
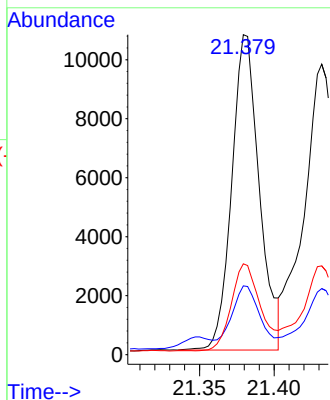
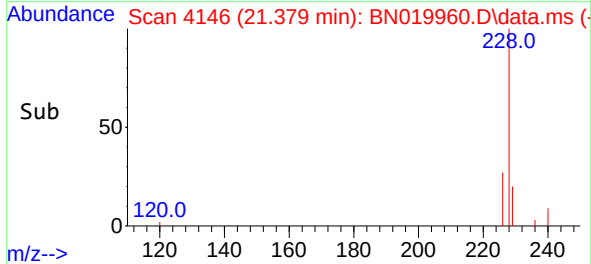
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 13758
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.4 22.1 33.1

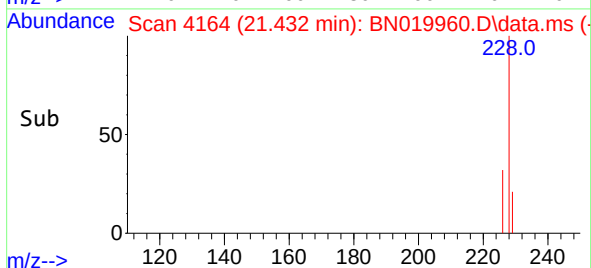
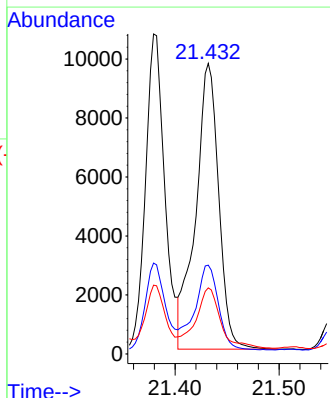
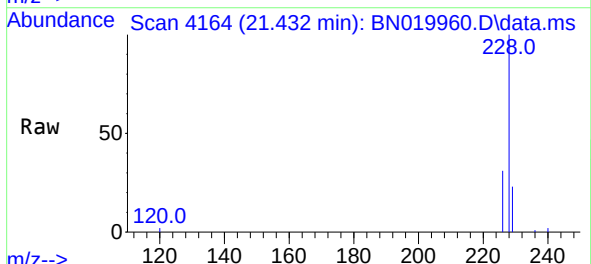
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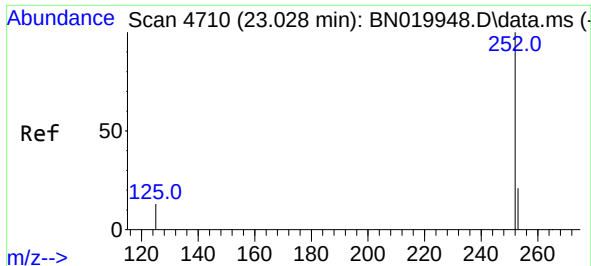
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

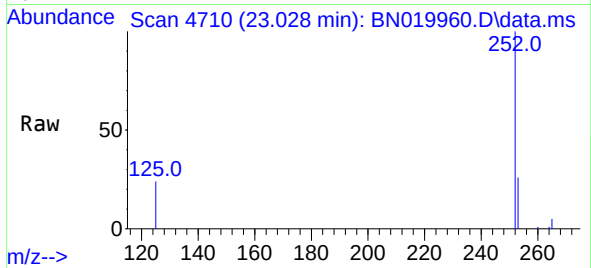
Tgt Ion:228 Resp: 14937
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul m
RT: 23.028 min Scan# 4710
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

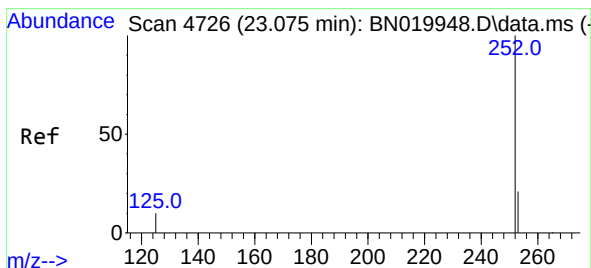
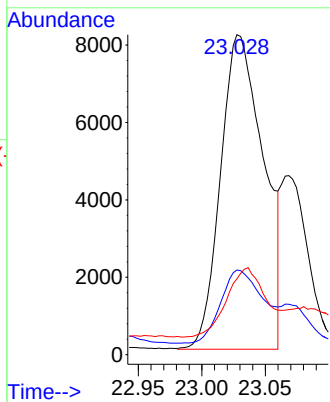
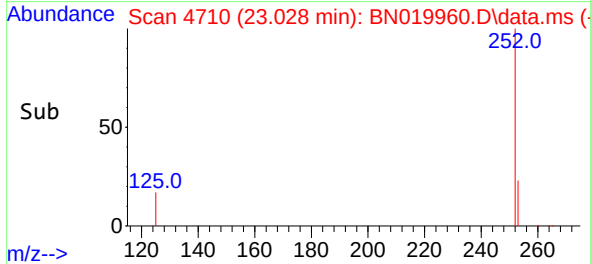
Instrument :
BNA_N
ClientSampleId :
EW4K7



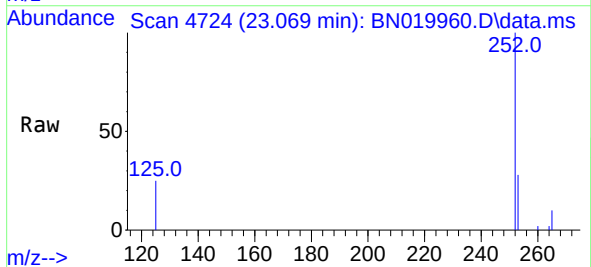
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Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.0
125 23.7 0.0 40.2

Manual Integrations
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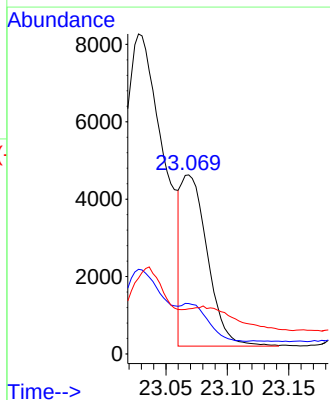
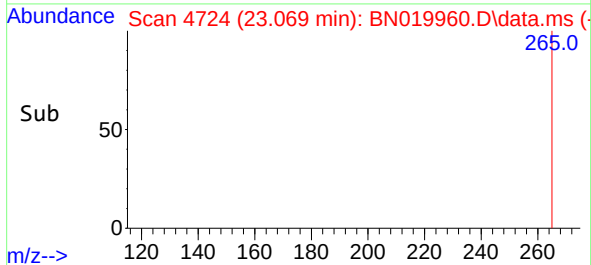
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

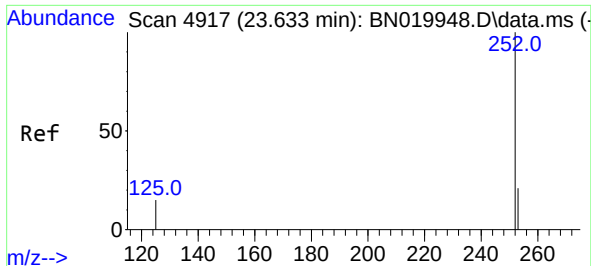


#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 23.069 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20



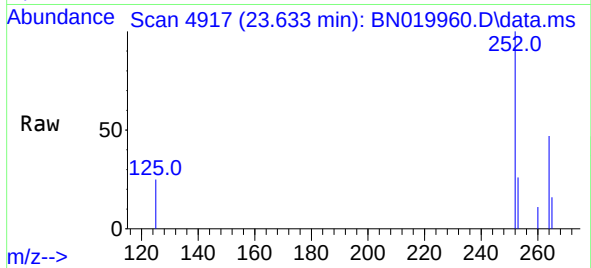
Tgt Ion:252 Resp: 6604
Ion Ratio Lower Upper
252 100
253 28.1 20.2 30.2
125 25.2 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.633 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

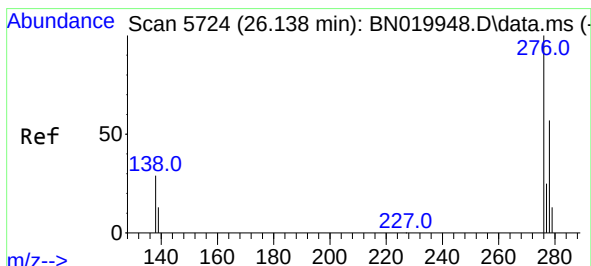
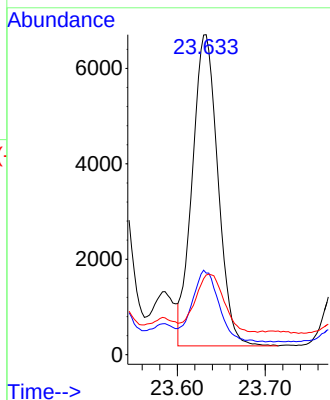
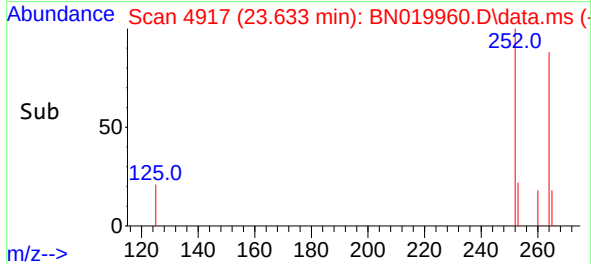
Instrument :
BNA_N
ClientSampleId :
EW4K7



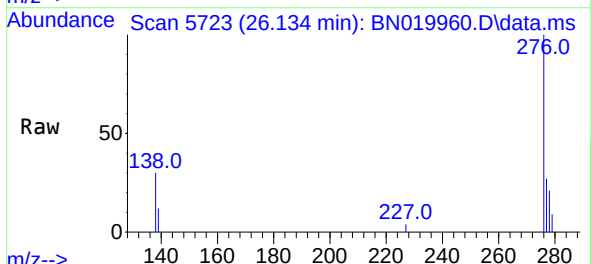
Tgt Ion:252 Resp: 13235
Ion Ratio Lower Upper
252 100
253 25.5 23.4 35.0
125 24.9 28.3 42.5

Manual Integrations
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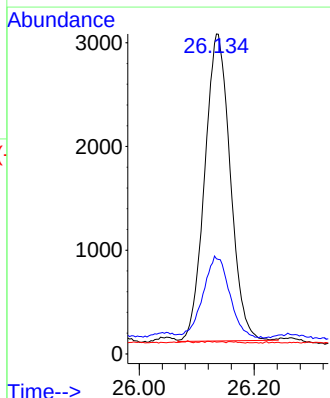
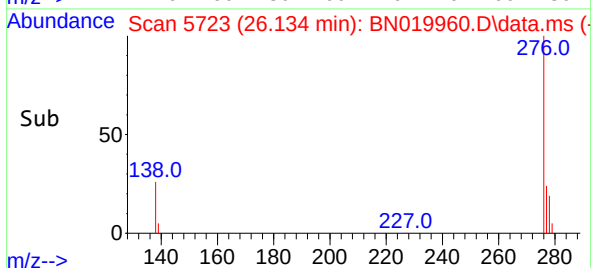
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

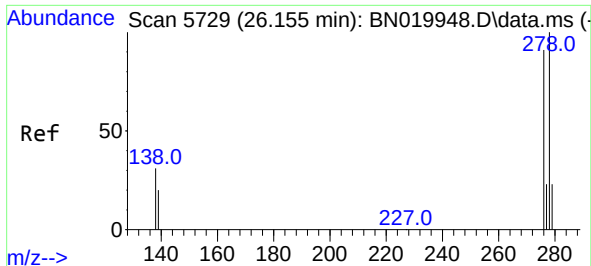


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.017 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20



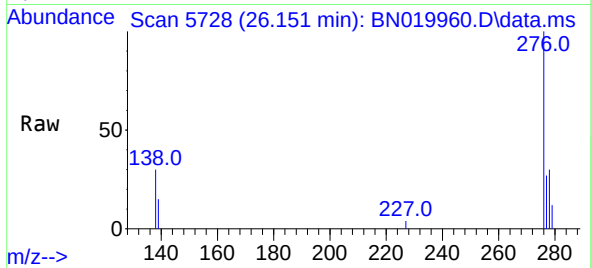
Tgt Ion:276 Resp: 9126
Ion Ratio Lower Upper
276 100
138 27.7 23.6 35.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.151 min Scan# 5194
Delta R.T. -0.013 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

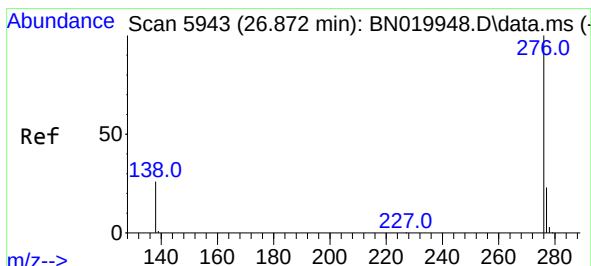
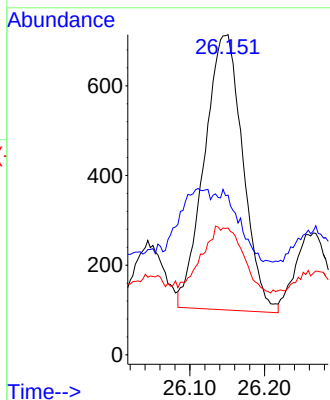
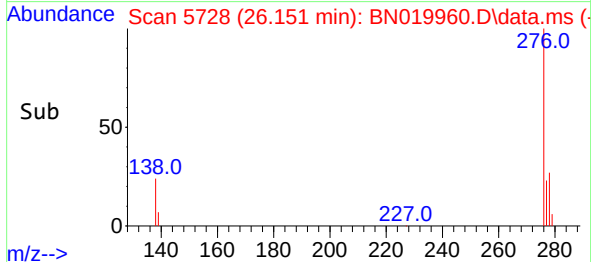
Instrument :
BNA_N
ClientSampleId :
EW4K7



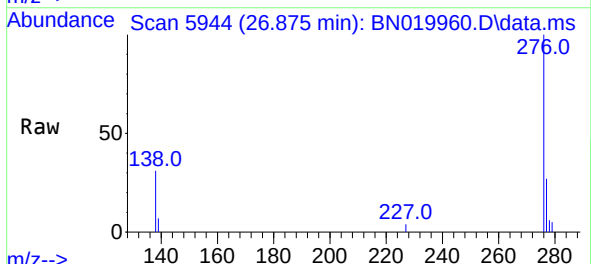
Tgt Ion:278 Resp: 2194
Ion Ratio Lower Upper
278 100
139 49.9 18.6 28.0
279 39.6 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.010 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20



Tgt Ion:276 Resp: 9955
Ion Ratio Lower Upper
276 100
138 31.1 20.9 31.3
277 26.7 20.4 30.6

