

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019878.D
 Acq On : 20 May 2022 20:40
 Operator : CG/JU
 Sample : N2843-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4J4

Manual Integrations
 APPROVED

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

Quant Time: May 26 04:34:02 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	3814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12945	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.475	164	8098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	17962	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16222	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	13200	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10332	2.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	3344	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.240	212	8708	0.170	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.689	128	2148	0.051	ng/ul#	90
7) 2-Methylnaphthalene	12.300	142	1538	0.060	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1227	0.052	ng/ul#	100
11) Acenaphthene	14.535	153	1968	0.061	ng/ul	98
12) Fluorene	15.520	166	1676	0.047	ng/ul#	96
15) Phenanthrene	17.252	178	29395	0.445	ng/ul	99
16) Anthracene	17.344	178	6892	0.128	ng/ul	98
19) Fluoranthene	19.268	202	86724	1.168	ng/ul	99
20) Pyrene	19.630	202	74163	1.001	ng/ul	99
21) Benzo(a)anthracene	21.383	228	43375	0.715	ng/ul	99
22) Chrysene	21.436	228	42334	0.593	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	53921m	0.805	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	17452m	0.270	ng/ul	
26) Benzo(a)pyrene	23.634	252	33876	0.594	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.138	276	20284	0.285	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.145	278	4853	0.082	ng/ul#	74
29) Benzo(g,h,i)perylene	26.876	276	12705	0.195	ng/ul	93

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

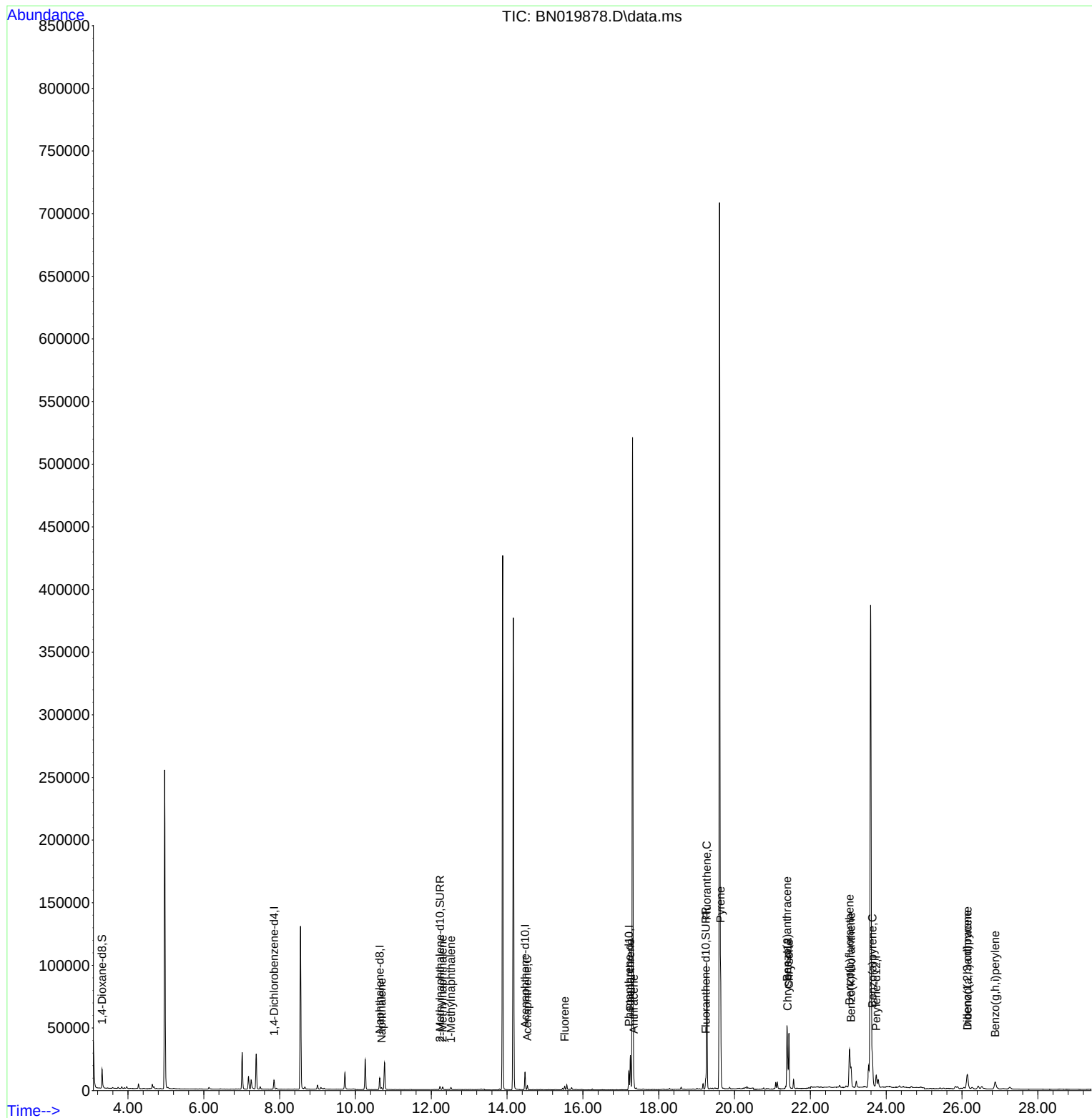
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019878.D
Acq On : 20 May 2022 20:40
Operator : CG/JU
Sample : N2843-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

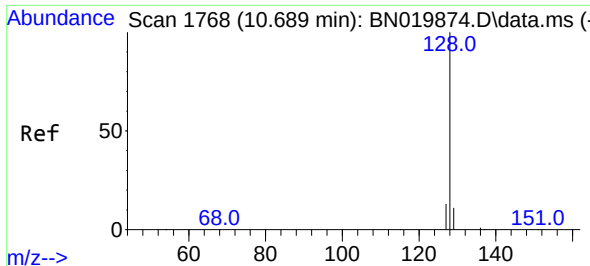
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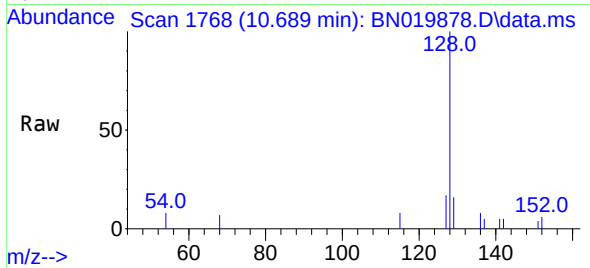
Quant Time: May 26 04:34:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

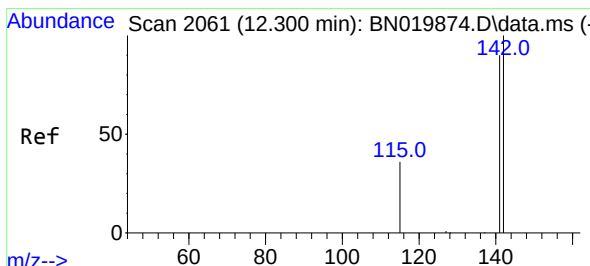
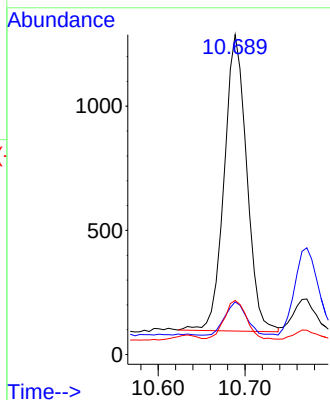
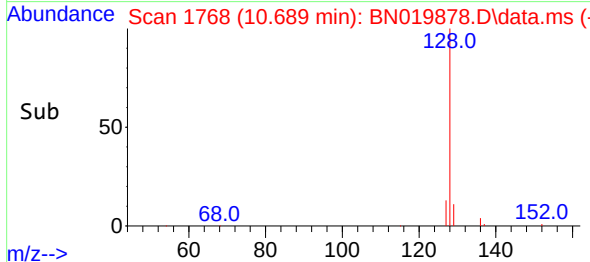
Instrument :
BNA_N
ClientSampleId :
EW4J4



Tgt Ion:128 Resp: 2148
Ion Ratio Lower Upper
128 100
129 16.5 9.5 14.3
127 16.9 11.0 16.4

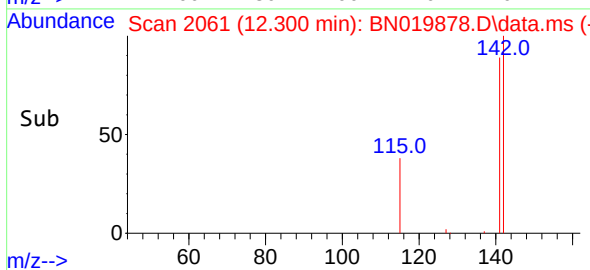
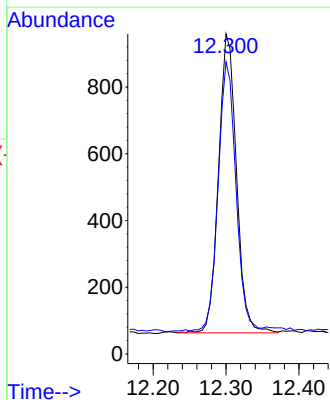
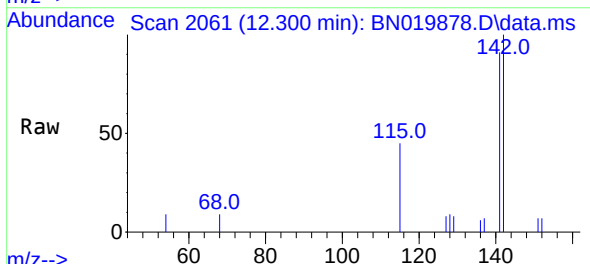
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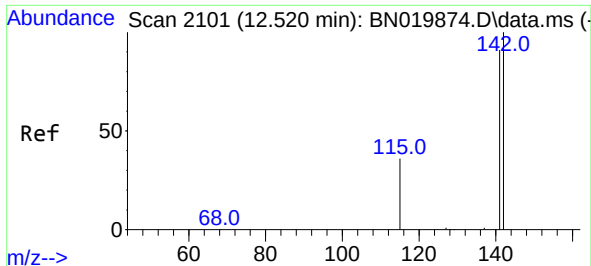
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

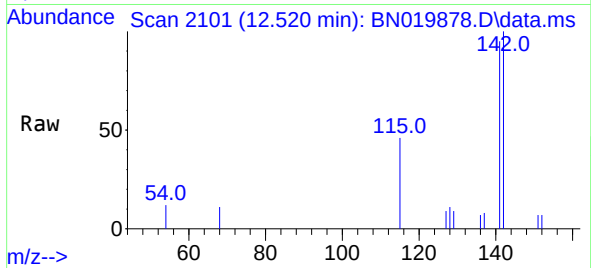
Tgt Ion:142 Resp: 1538
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

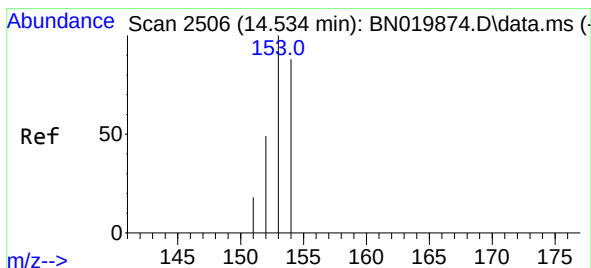
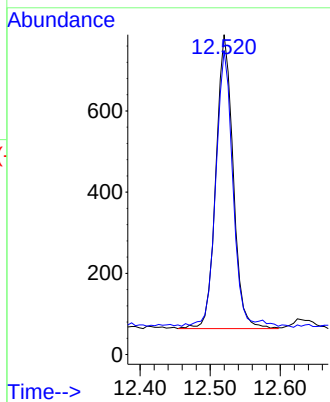
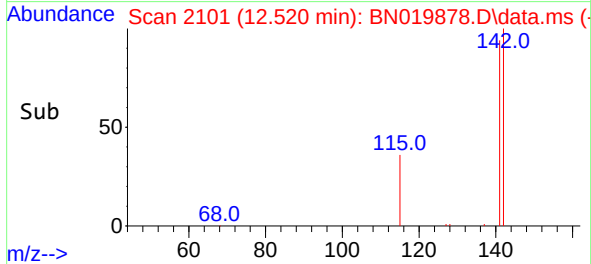
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1227
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0

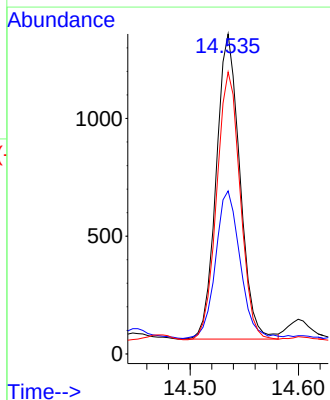
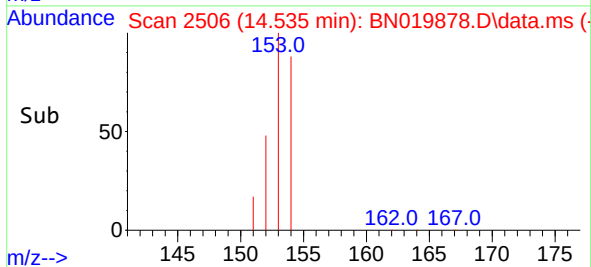
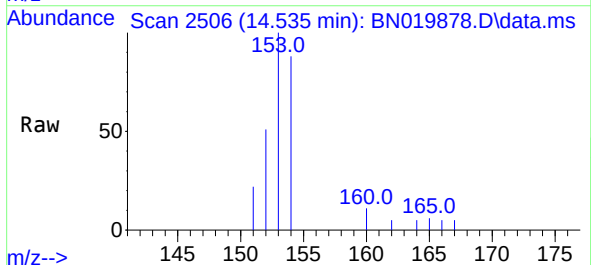
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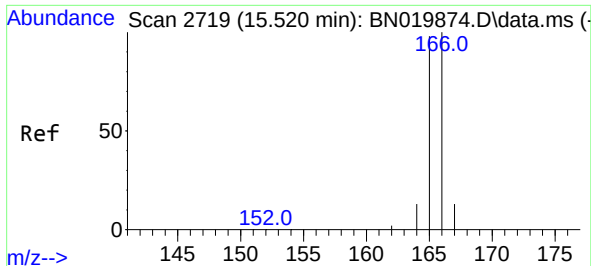
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

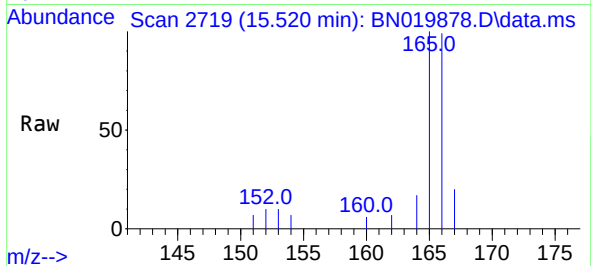
Tgt Ion:153 Resp: 1968
Ion Ratio Lower Upper
153 100
152 50.9 38.6 57.8
154 88.1 71.2 106.8





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.520 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

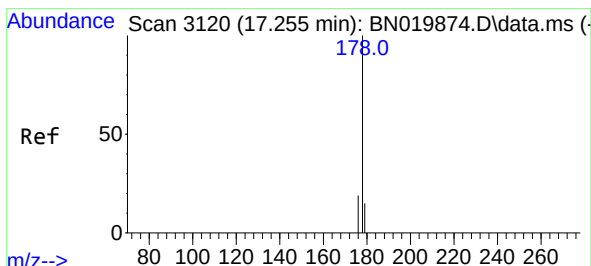
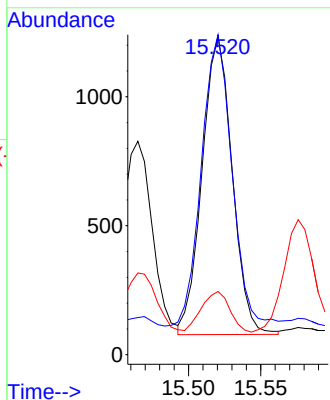
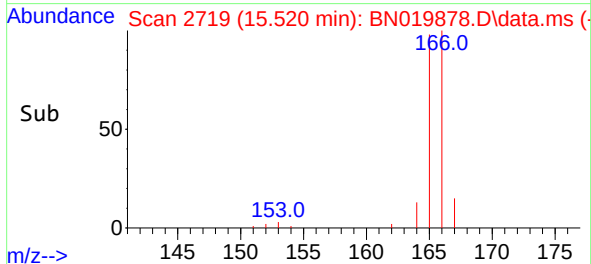
Instrument :
BNA_N
ClientSampleId :
EW4J4



Tgt Ion:166 Resp: 1670
Ion Ratio Lower Upper
166 100
165 100.7 78.2 117.2
167 19.9 11.3 16.9

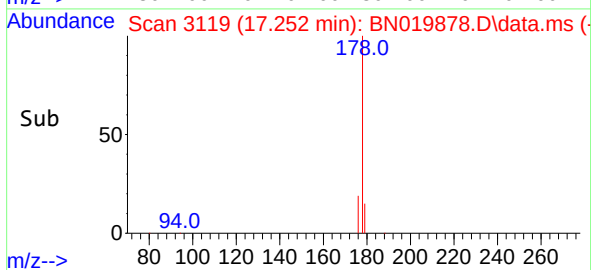
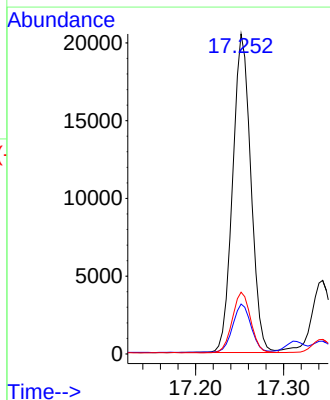
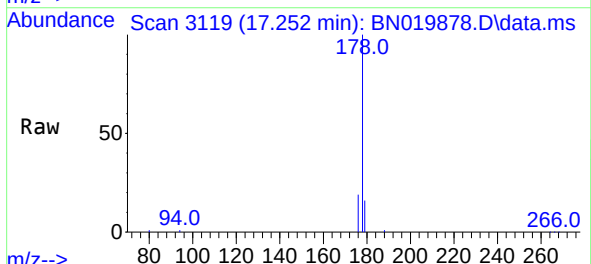
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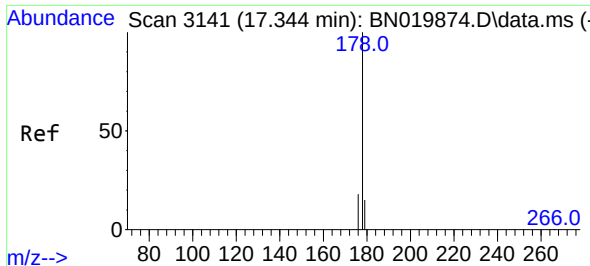
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.252 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

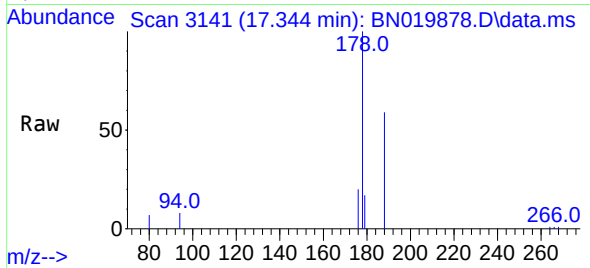
Tgt Ion:178 Resp: 29395
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.3 15.5 23.3





#16
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.344 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN019878.D
 Acq: 20 May 2022 20:40

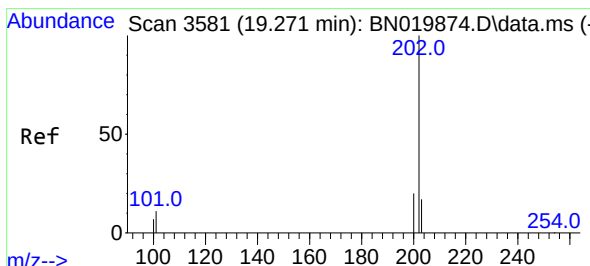
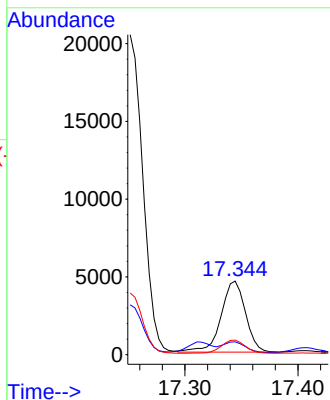
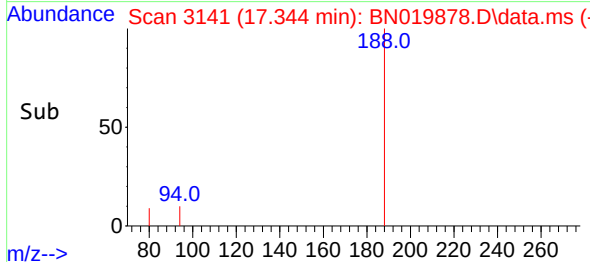
Instrument :
 BNA_N
 ClientSampleId :
 EW4J4



Tgt Ion:178 Resp: 6892
 Ion Ratio Lower Upper
 178 100
 179 17.4 13.1 19.7
 176 19.7 15.3 22.9

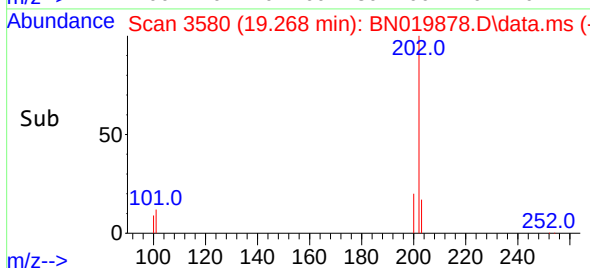
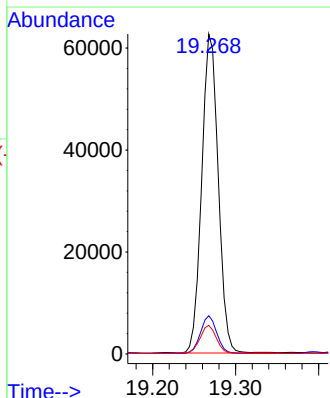
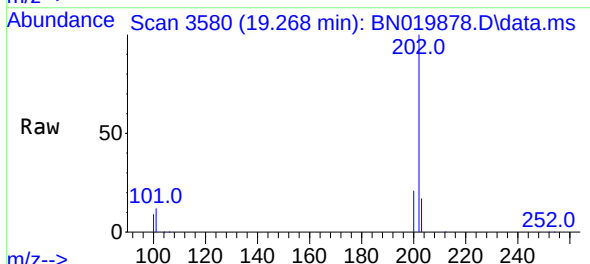
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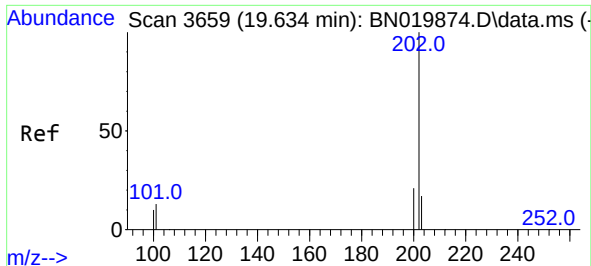
Reviewed By :Jagrut Upadhyay 05/26/2022
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#19
 Fluoranthene
 Concen: 1.168 ng/ul
 RT: 19.268 min Scan# 3580
 Delta R.T. -0.004 min
 Lab File: BN019878.D
 Acq: 20 May 2022 20:40

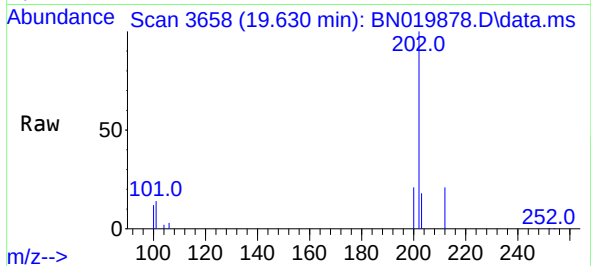
Tgt Ion:202 Resp: 86724
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.7 14.5
 100 8.9 7.4 11.2





#20
Pyrene
Concen: 1.001 ng/ul
RT: 19.630 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

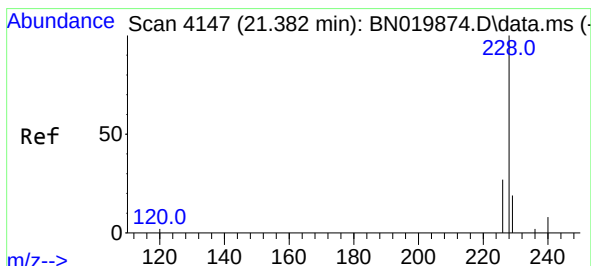
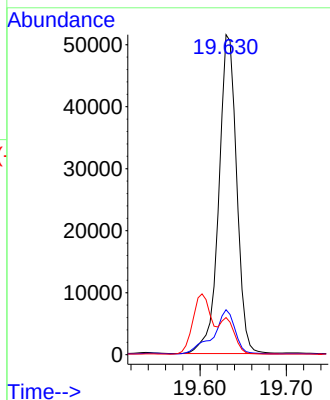
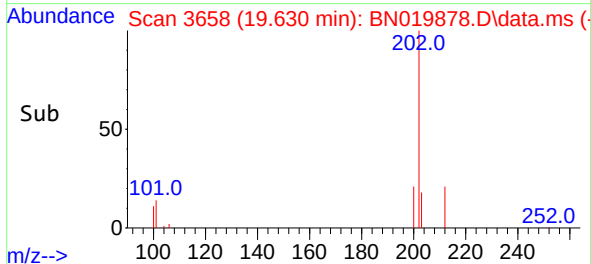
Instrument :
BNA_N
ClientSampleId :
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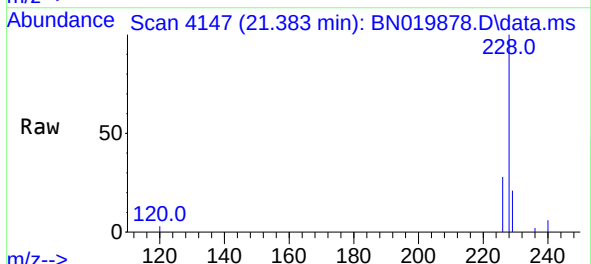
Tgt Ion:202 Resp: 7416
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 11.6 9.0 13.4

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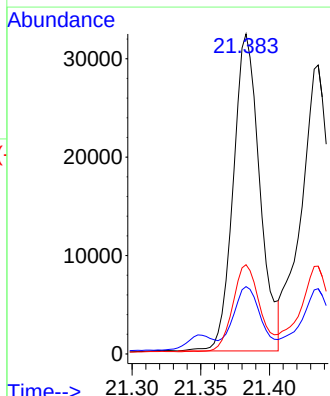
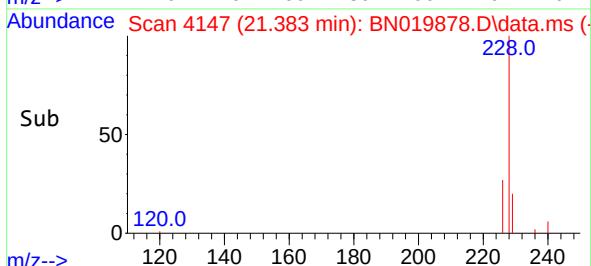
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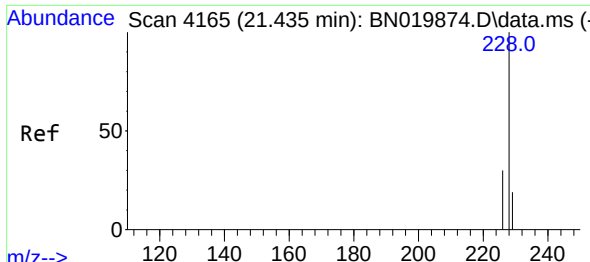


#21
Benzo(a)anthracene
Concen: 0.715 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.005 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40



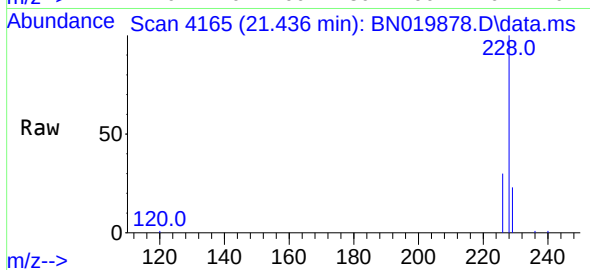
Tgt Ion:228 Resp: 43375
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.9 22.1 33.1





#22
Chrysene
Concen: 0.593 ng/u1
RT: 21.436 min Scan# 4165
Delta R.T. -0.005 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

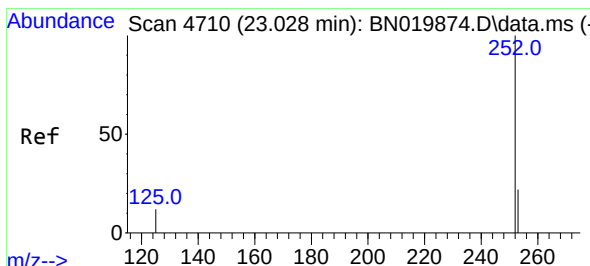
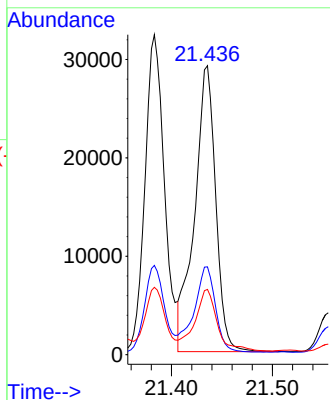
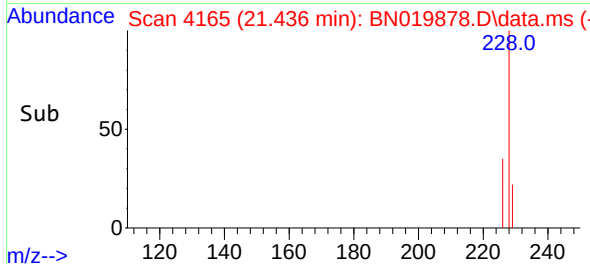
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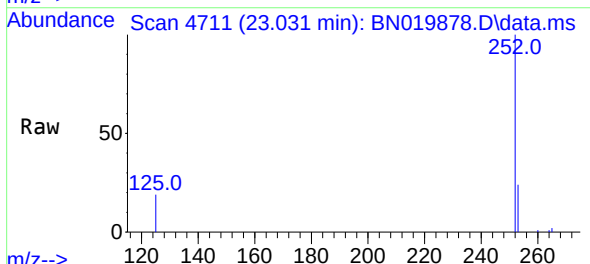
Tgt Ion:228 Resp: 42334
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 22.6 16.0 24.0

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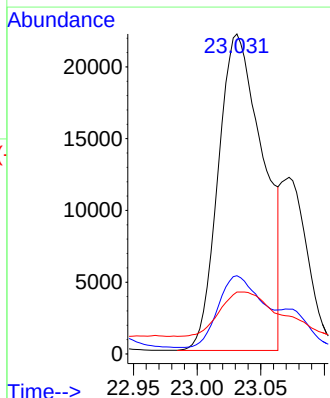
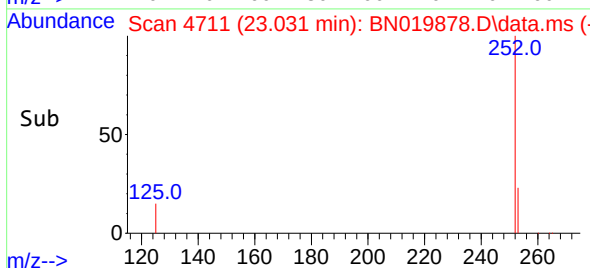
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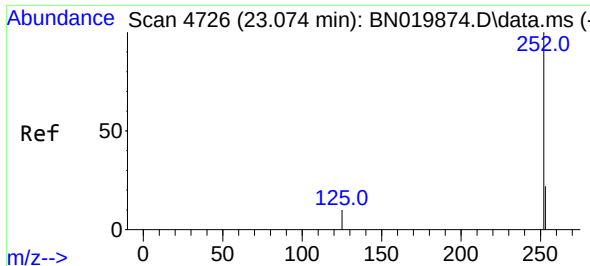


#24
Benzo(b)fluoranthene
Concen: 0.805 ng/u1 m
RT: 23.031 min Scan# 4711
Delta R.T. -0.002 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40



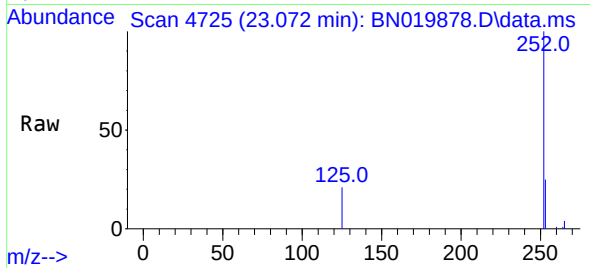
Tgt Ion:252 Resp: 53921
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.0
125 19.4 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 23.072 min Scan# 4726
Delta R.T. -0.008 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

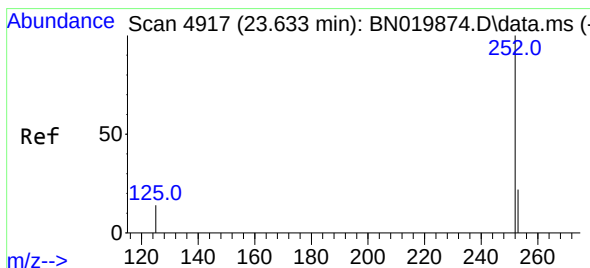
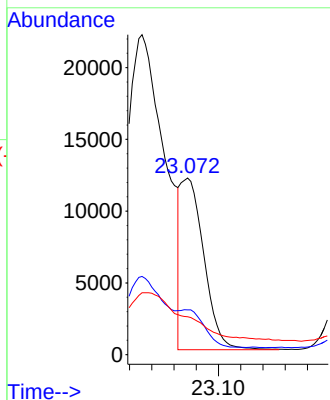
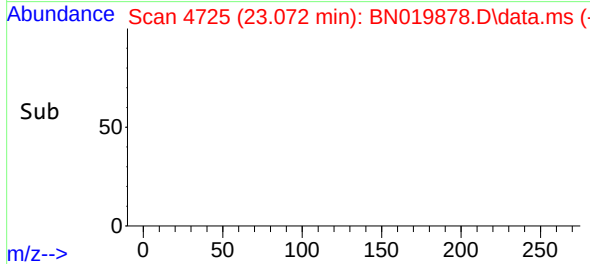
Instrument :
BNA_N
ClientSampleId :
EW4J4



Tgt Ion:252 Resp: 17452
Ion Ratio Lower Upper
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253 25.3 20.2 30.2
125 21.5 11.0 16.6

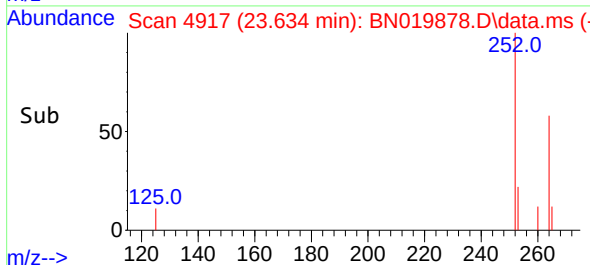
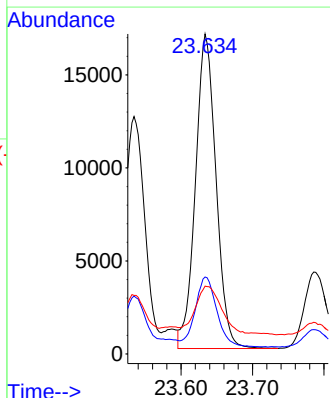
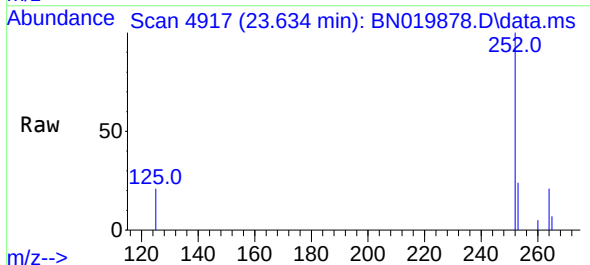
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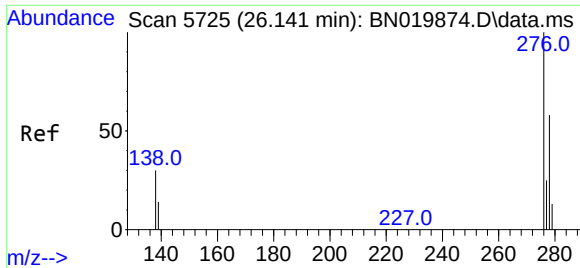
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#26
Benzo(a)pyrene
Concen: 0.594 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.005 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

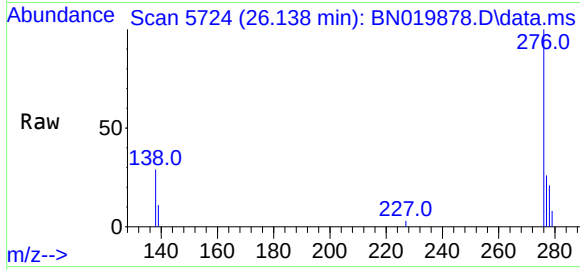
Tgt Ion:252 Resp: 33876
Ion Ratio Lower Upper
252 100
253 24.0 23.4 35.0
125 21.2 28.3 42.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.138 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40

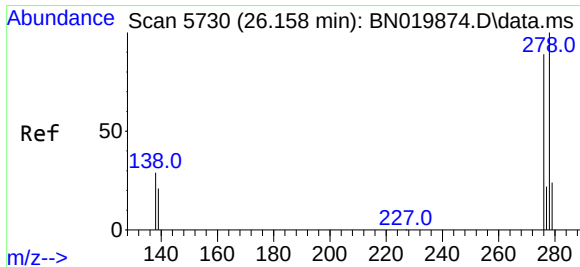
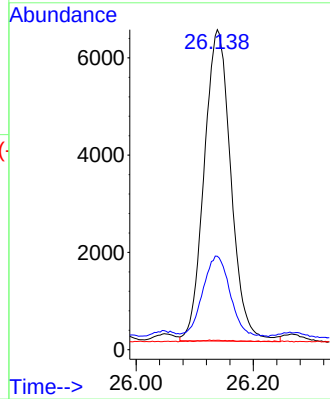
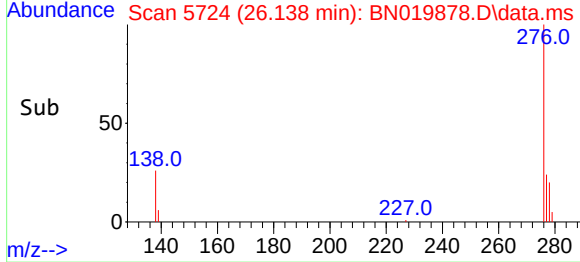
Instrument :
BNA_N
ClientSampleId :
EW4J4



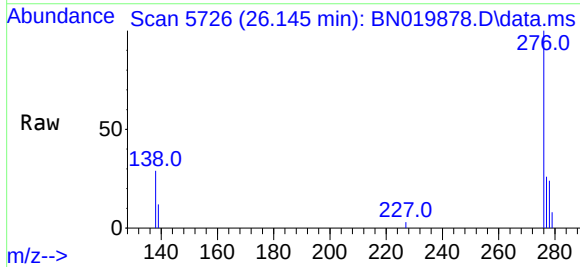
Tgt Ion:276 Resp: 20284
Ion Ratio Lower Upper
276 100
138 26.9 23.6 35.4
227 0.6 0.0 0.0

Manual Integrations
APPROVED

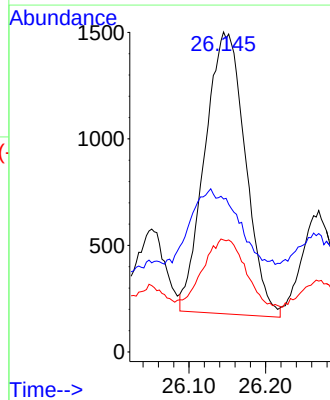
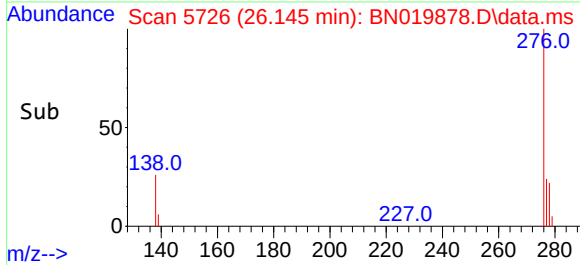
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

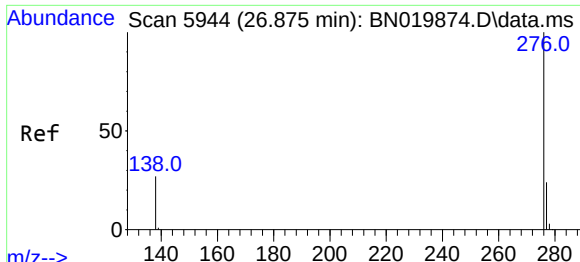


#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.145 min Scan# 5726
Delta R.T. -0.019 min
Lab File: BN019878.D
Acq: 20 May 2022 20:40



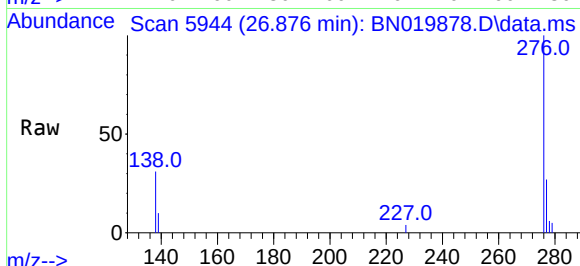
Tgt Ion:278 Resp: 4853
Ion Ratio Lower Upper
278 100
139 47.8 18.6 28.0#
279 35.0 35.1 52.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.195 ng/ul
 RT: 26.876 min Scan# 5944
 Delta R.T. -0.003 min
 Lab File: BN019878.D
 Acq: 20 May 2022 20:40

Instrument : BNA_N
 ClientSampleId : EW4J4



Tgt Ion: 276 Resp: 1270

Ion	Ratio	Lower	Upper
276	100		
138	31.3	20.9	31.3
277	27.4	20.4	30.6

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

