

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026147.D
 Acq On : 01 Jul 2023 12:23
 Operator : MA/JU
 Sample : 03161-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:34:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	29454	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	16095	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29328	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	16594	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	17877	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	5760	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1560	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2874	0.046	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	2724	0.032	ng/ul#	89
7) 2-Methylnaphthalene	12.436	142	1608	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	1249	0.022	ng/ul	99
10) Acenaphthylene	14.320	152	3040	0.040	ng/ul#	92
15) Phenanthrene	17.389	178	25260	0.261	ng/ul	99
16) Anthracene	17.478	178	4434	0.051	ng/ul#	88
19) Fluoranthene	19.405	202	70558	0.796	ng/ul	99
20) Pyrene	19.768	202	58437	0.634	ng/ul	99
21) Benzo(a)anthracene	21.523	228	25970	0.379	ng/ul#	91
22) Chrysene	21.579	228	34225	0.480	ng/ul#	94
24) Benzo(b)fluoranthene	23.247	252	54939m	0.720	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	19202m	0.251	ng/ul	
26) Benzo(a)pyrene	23.885	252	32009	0.483	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.551	276	29907	0.413	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.554	278	6859	0.125	ng/ul#	71
29) Benzo(g,h,i)perylene	27.349	276	28550	0.443	ng/ul	98

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

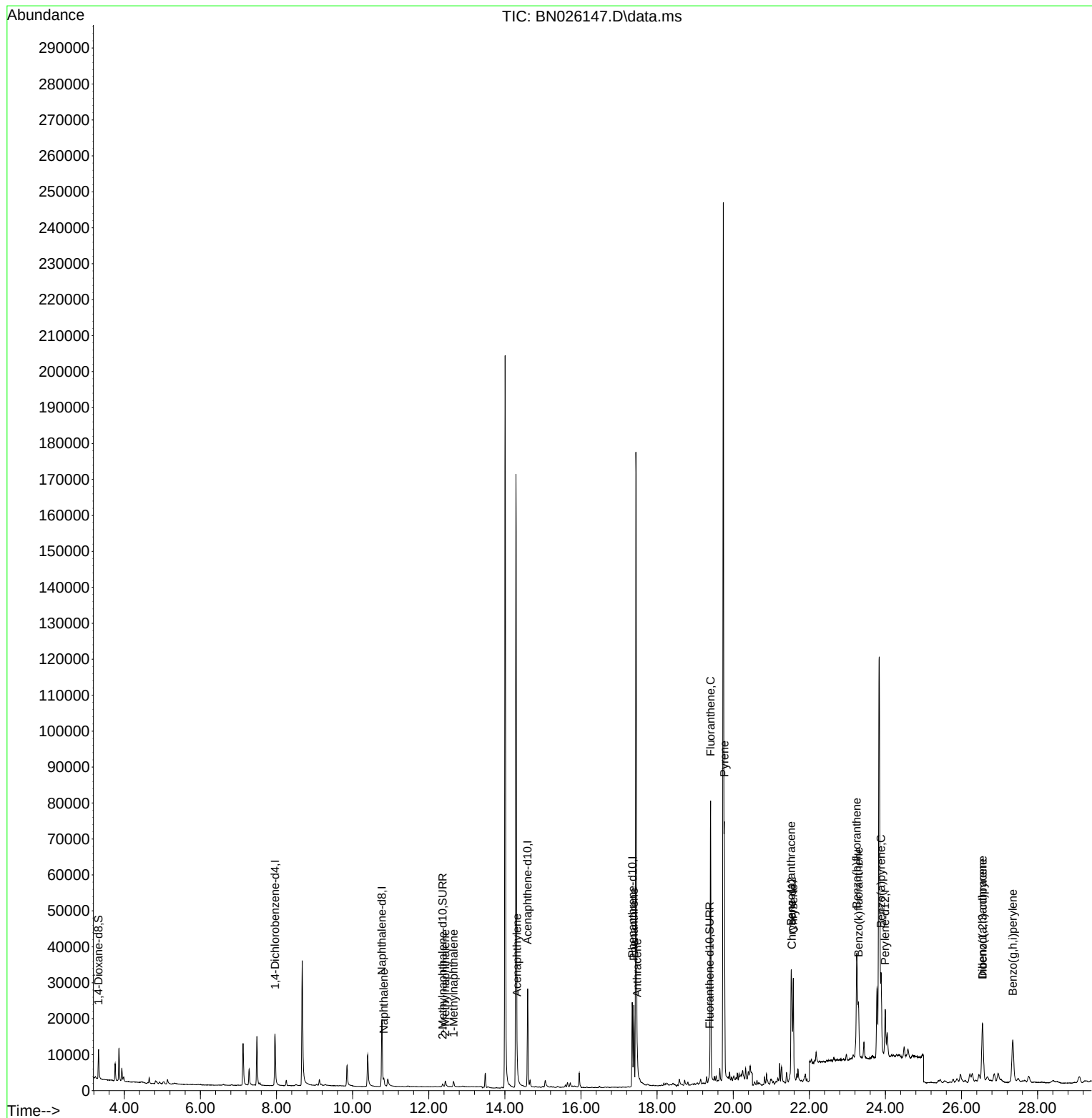
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026147.D
Acq On : 01 Jul 2023 12:23
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Sample : 03161-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

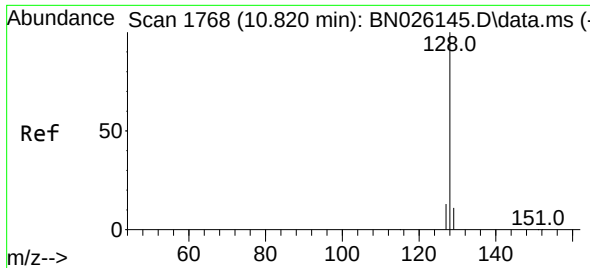
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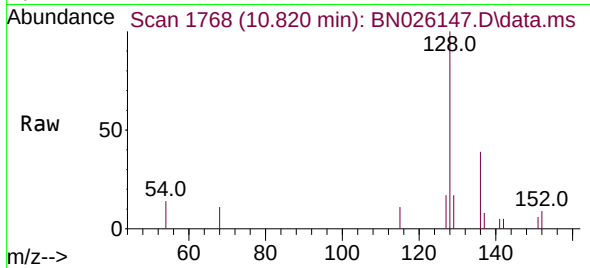
Quant Time: Jul 01 22:34:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

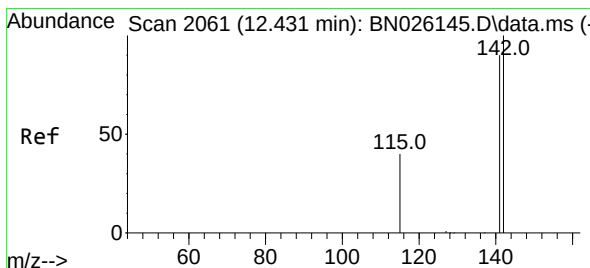
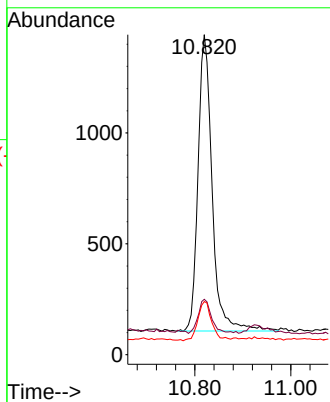
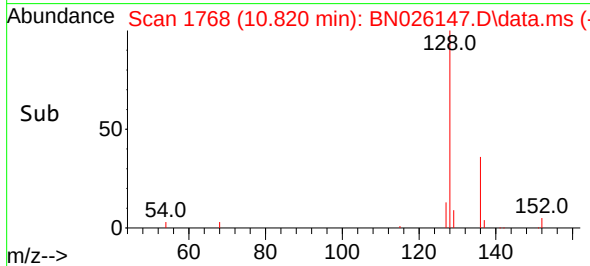
Instrument :
BNA_N
ClientSampleId :
DCFW8DL



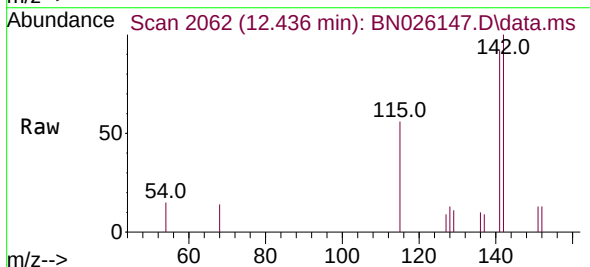
Tgt Ion:128 Resp: 2724
Ion Ratio Lower Upper
128 100
129 17.3 9.1 13.7
127 16.6 10.7 16.1

Manual Integrations
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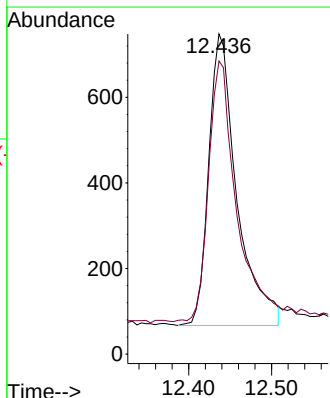
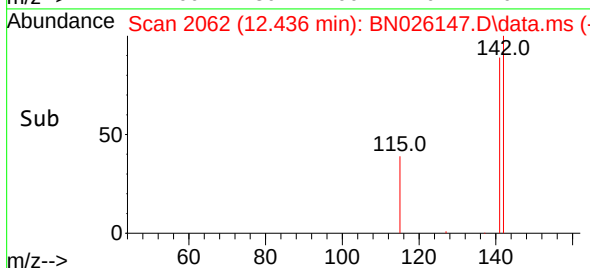
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

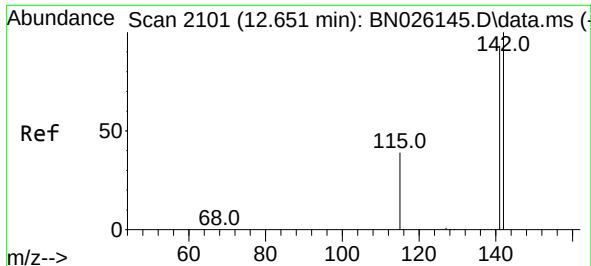


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23



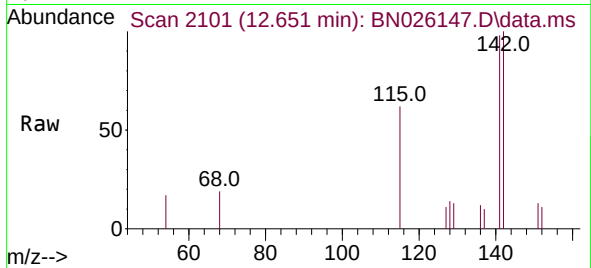
Tgt Ion:142 Resp: 1608
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

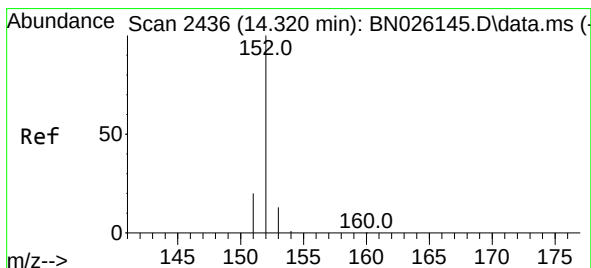
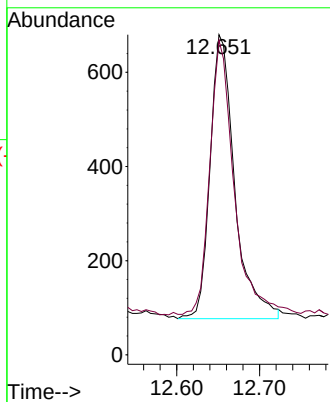
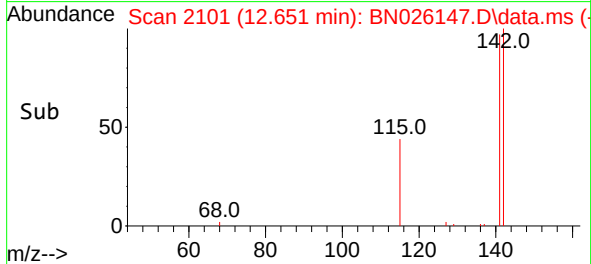
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1249
Ion Ratio Lower Upper
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141 93.4 74.2 111.4

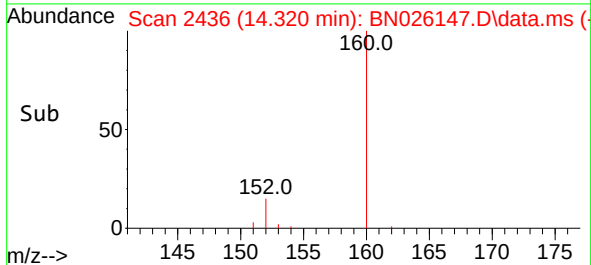
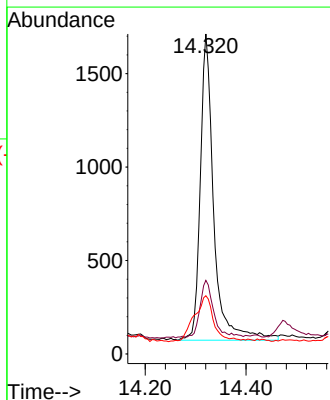
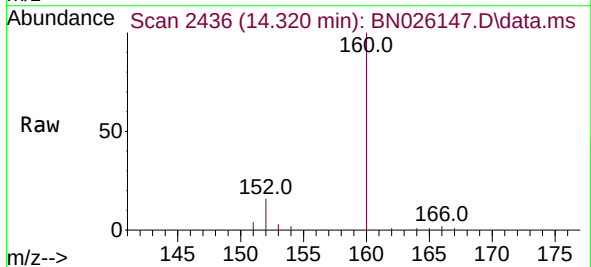
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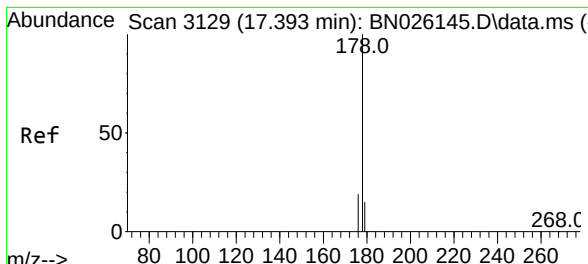
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

Tgt Ion:152 Resp: 3040
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.4
153 18.2 10.9 16.3#



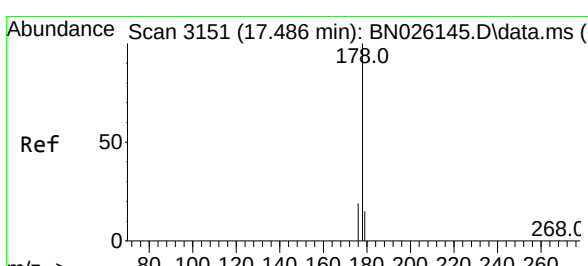
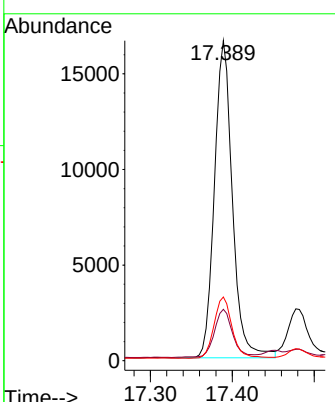
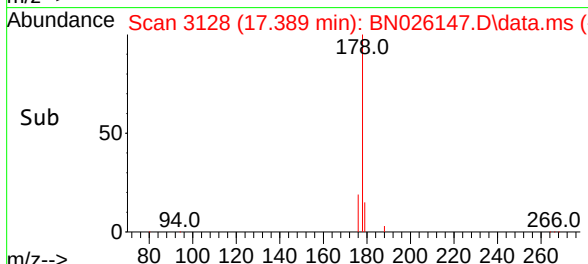
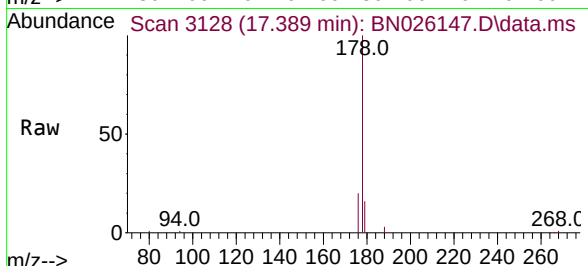


#15
 Phenanthrene
 Concen: 0.261 ng/u1
 RT: 17.389 min Scan# 3128
 Delta R.T. -0.005 min
 Lab File: BN026147.D
 Acq: 01 Jul 2023 12:23

Instrument : BNA_N
 ClientSampleId : DCFW8DL

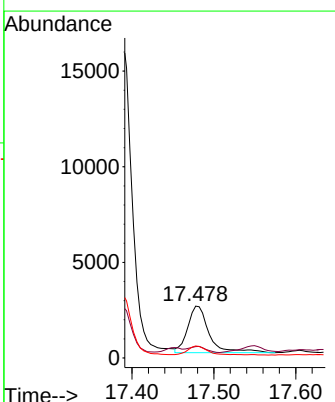
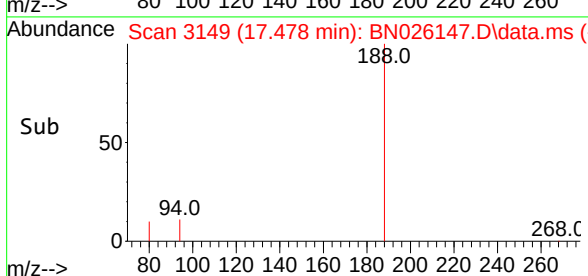
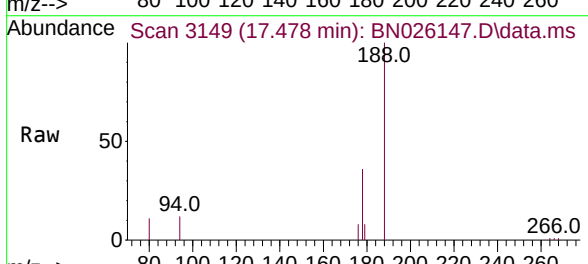
Tgt Ion:	178	Resp:	25260
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	19.9	15.8	23.6

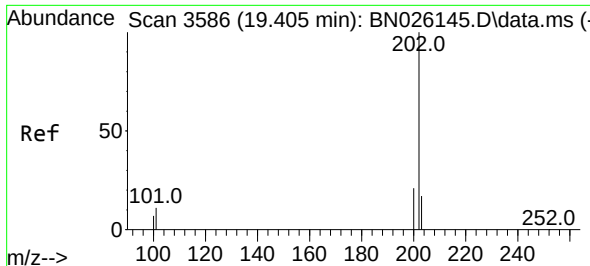
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 Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#16
 Anthracene
 Concen: 0.051 ng/u1
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026147.D
 Acq: 01 Jul 2023 12:23

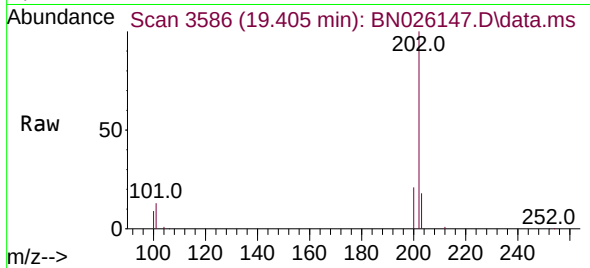
Tgt Ion:	178	Resp:	4434
Ion Ratio	Lower	Upper	
178	100		
179	22.0	12.6	18.8#
176	23.3	15.1	22.7#





#19
Fluoranthene
Concen: 0.796 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

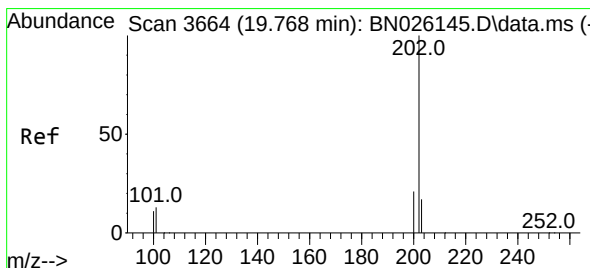
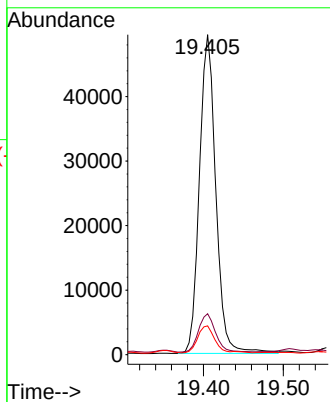
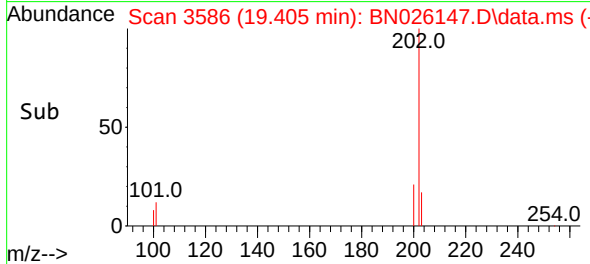
Instrument :
BNA_N
ClientSampleId :
DCFW8DL



Tgt Ion:202 Resp: 70558
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 9.0 7.3 10.9

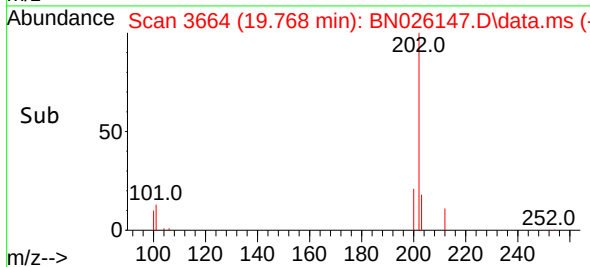
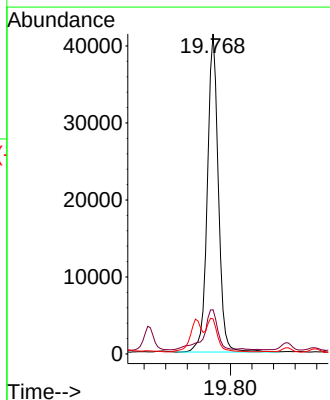
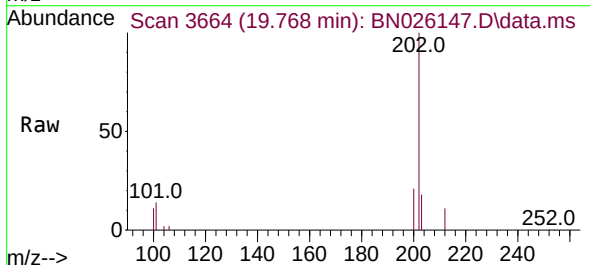
Manual Integrations
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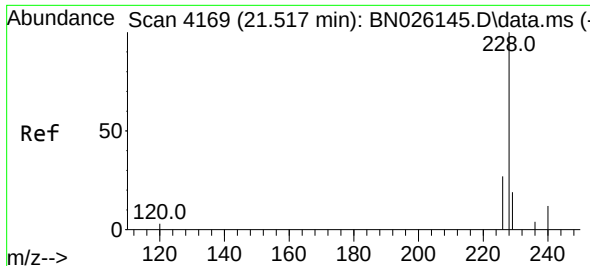
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 0.634 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

Tgt Ion:202 Resp: 58437
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.0 9.1 13.7





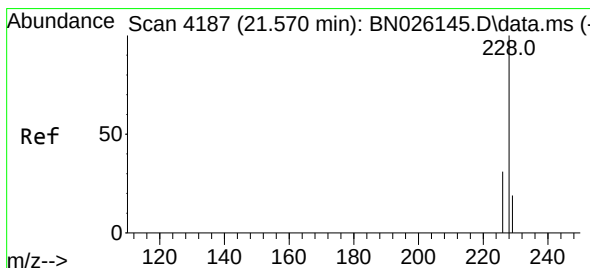
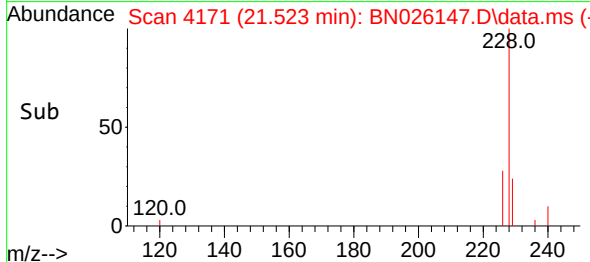
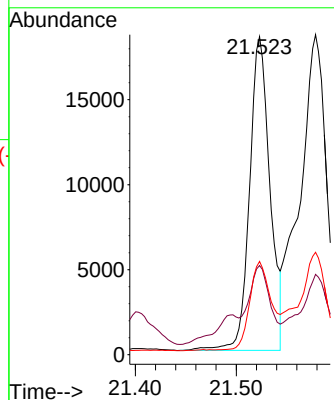
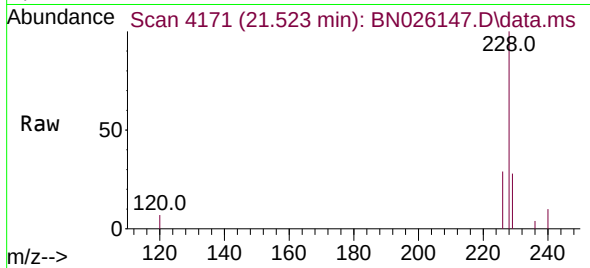
#21
Benzo(a)anthracene
Concen: 0.379 ng/u1
RT: 21.523 min Scan# 4169
Delta R.T. -0.004 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

Instrument :
BNA_N
ClientSampleId :
DCFW8DL

Tgt Ion:228 Resp: 25970
Ion Ratio Lower Upper
228 100
229 28.0 15.8 23.6
226 29.3 22.5 33.7

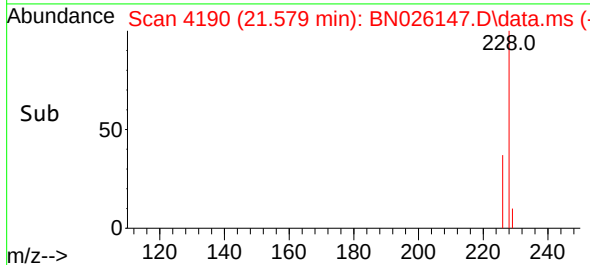
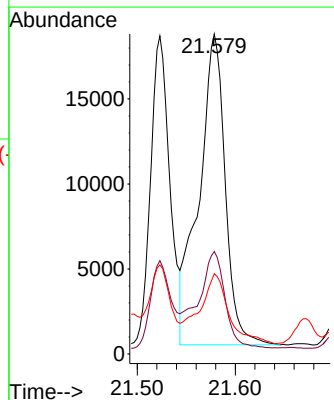
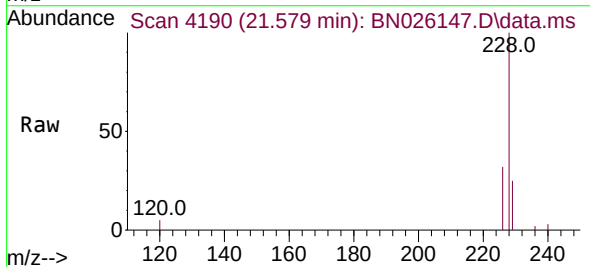
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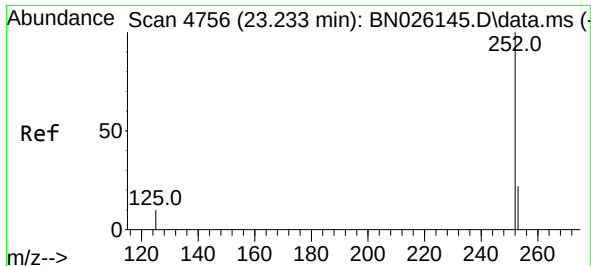
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 0.480 ng/u1
RT: 21.579 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

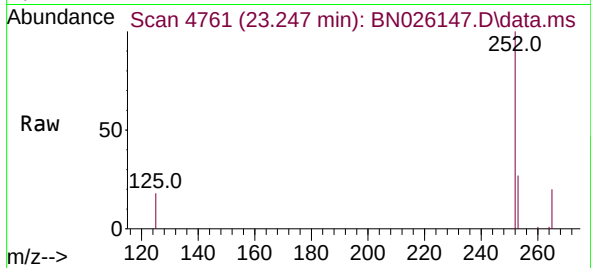
Tgt Ion:228 Resp: 34225
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 25.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.720 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.005 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

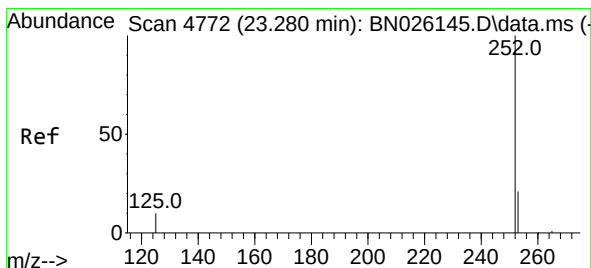
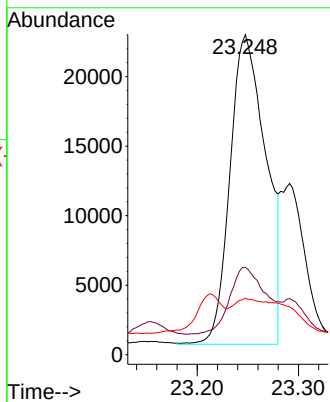
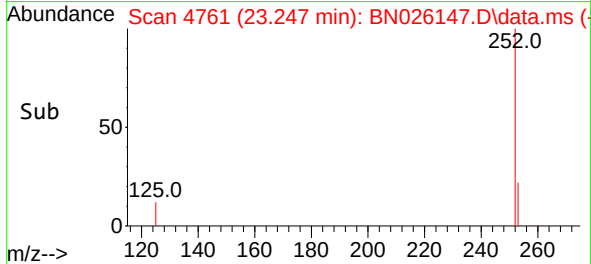
Instrument :
BNA_N
ClientSampleId :
DCFW8DL



Tgt Ion:252 Resp: 54939
Ion Ratio Lower Upper
252 100
253 27.3 0.0 55.6
125 17.7 0.0 35.8

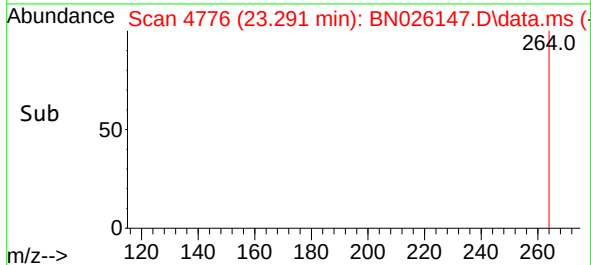
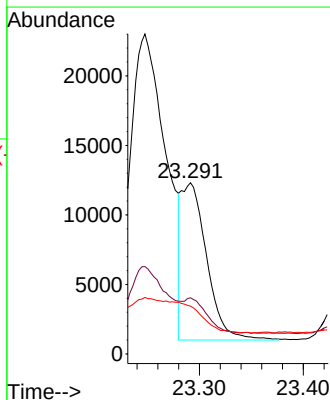
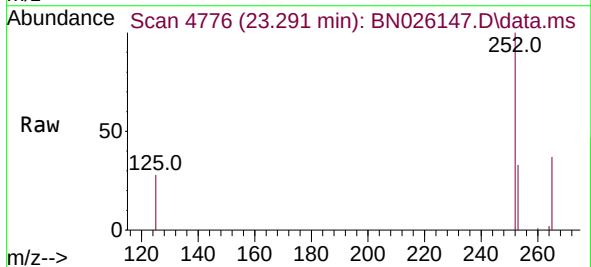
Manual Integrations
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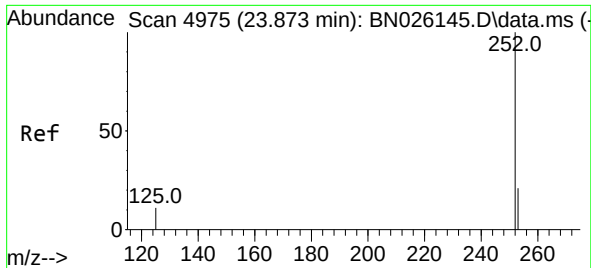
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.001 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

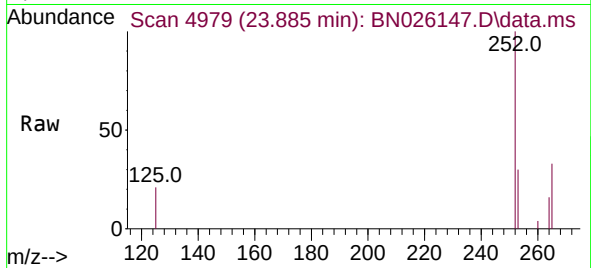
Tgt Ion:252 Resp: 19202
Ion Ratio Lower Upper
252 100
253 32.8 23.2 34.8
125 28.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.483 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

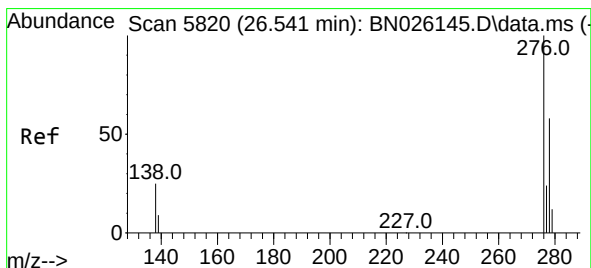
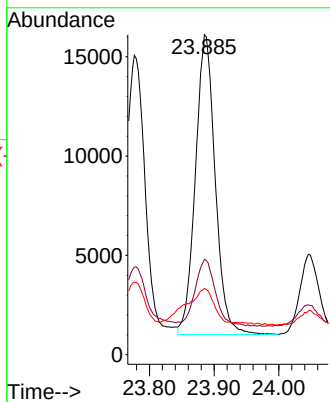
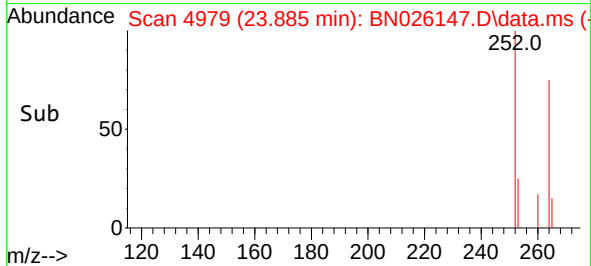
Instrument :
BNA_N
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DCFW8DL



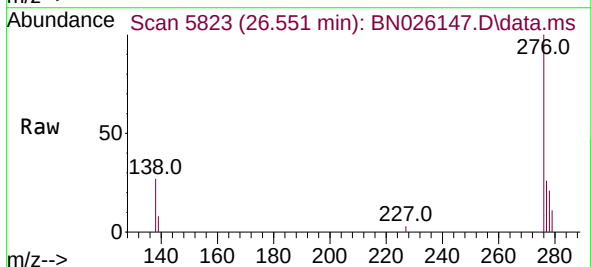
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Ion Ratio Lower Upper
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125 20.7 17.3 25.9

Manual Integrations
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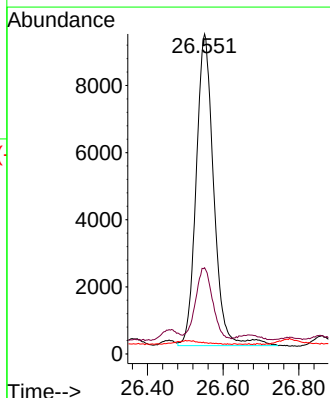
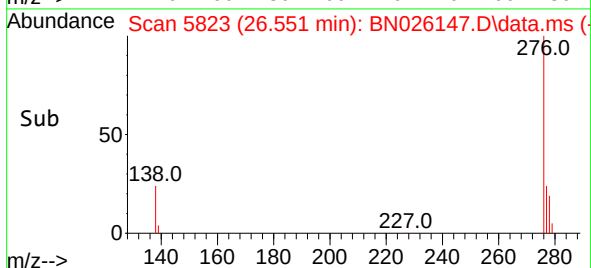
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

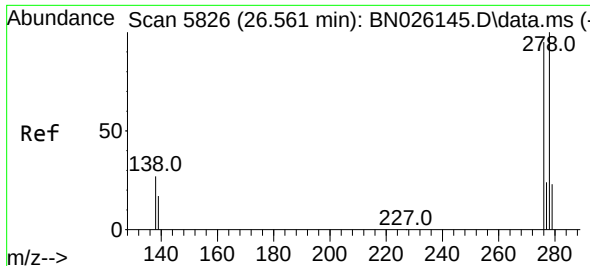


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.007 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23



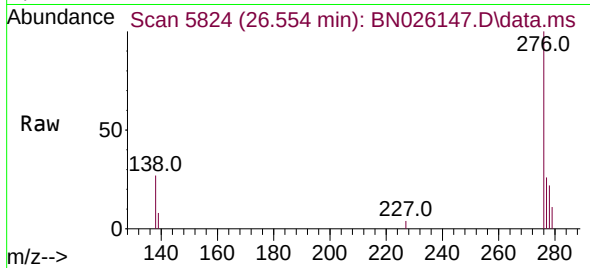
Tgt Ion:276 Resp: 29907
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.024 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23

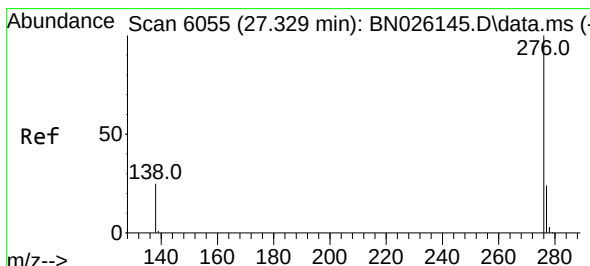
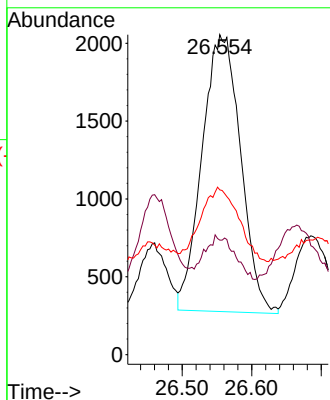
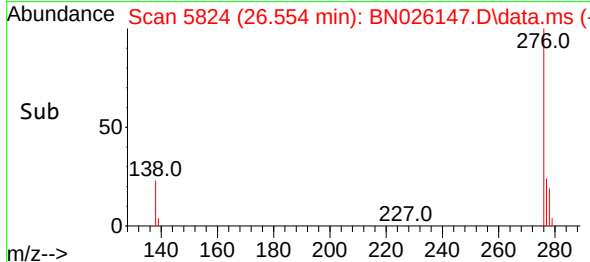
Instrument :
BNA_N
ClientSampleId :
DCF8DL



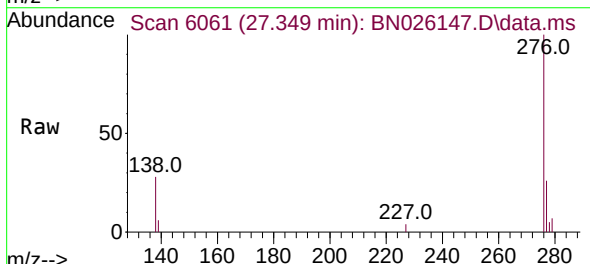
Tgt Ion:278 Resp: 6859
Ion Ratio Lower Upper
278 100
139 35.8 19.0 28.4
279 51.5 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.349 min Scan# 6061
Delta R.T. 0.003 min
Lab File: BN026147.D
Acq: 01 Jul 2023 12:23



Tgt Ion:276 Resp: 28550
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 26.2 20.0 30.0

