

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026292.D
 Acq On : 05 Jul 2023 14:55
 Operator : MA/JU
 Sample : 03246-22DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 16:45:40 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6662	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	21491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	10150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	23213	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	13470	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	14134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4134	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	968	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	2111	0.041	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	6349	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	2263	0.058	ng/ul	98
8) 1-Methylnaphthalene	12.634	142	1447	0.036	ng/ul	100
10) Acenaphthylene	14.306	152	9991	0.210	ng/ul	96
12) Fluorene	15.634	166	1137	0.026	ng/ul#	91
15) Phenanthrene	17.376	178	29143	0.380	ng/ul	99
16) Anthracene	17.469	178	13659	0.200	ng/ul	96
19) Fluoranthene	19.396	202	90122	1.253	ng/ul	98
20) Pyrene	19.758	202	76002	1.016	ng/ul	98
21) Benzo(a)anthracene	21.517	228	42477	0.764	ng/ul	95
22) Chrysene	21.570	228	55625	0.962	ng/ul	96
24) Benzo(b)fluoranthene	23.247	252	99070m	1.642	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	30019m	0.496	ng/ul	
26) Benzo(a)pyrene	23.894	252	48543	0.926	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.578	276	42466	0.742	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	10982	0.254	ng/ul#	85
29) Benzo(g,h,i)perylene	27.372	276	36433	0.716	ng/ul	98

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

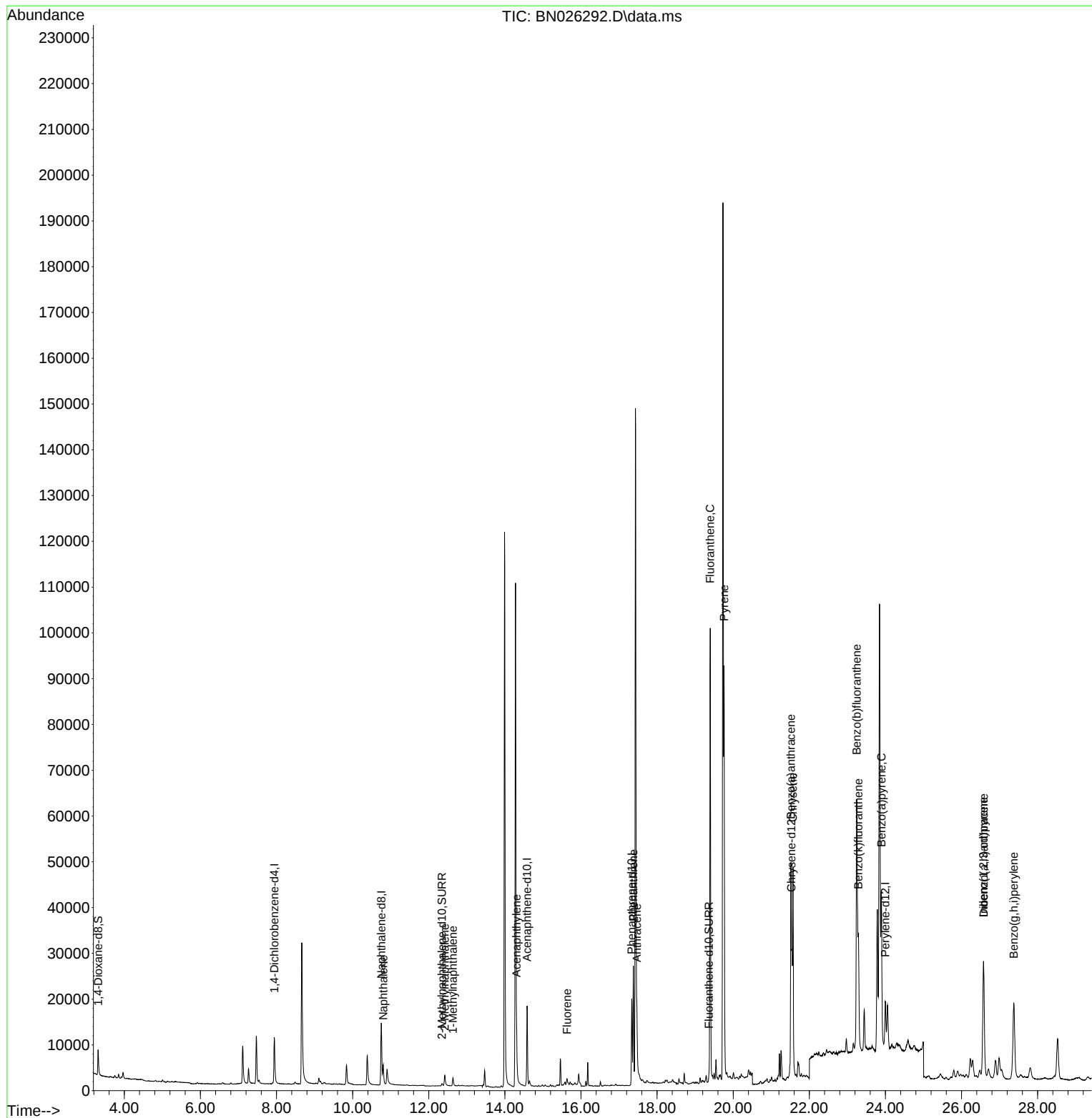
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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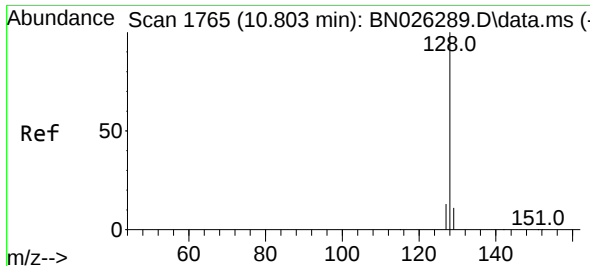
Instrument :
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Quant Time: Jul 05 16:45:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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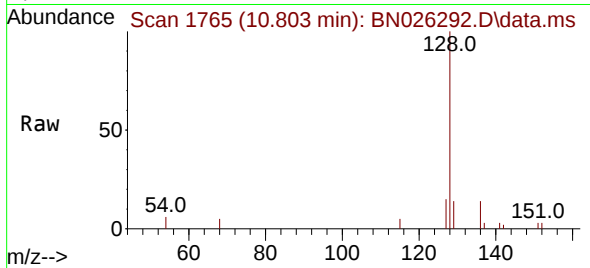
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

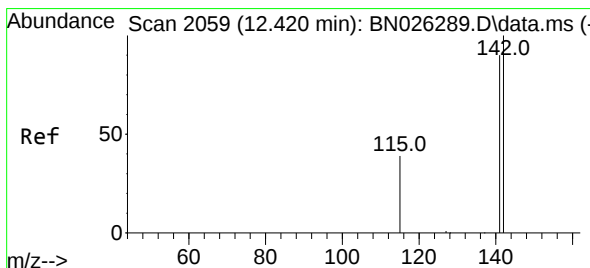
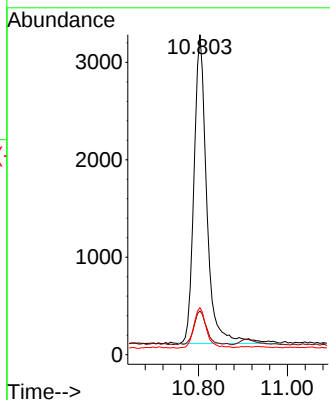
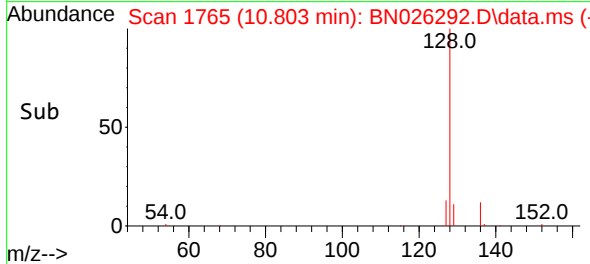
Instrument :
BNA_N
ClientSampleId :
DCGK9DL



Tgt Ion:128 Resp: 6349
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.6 10.7 16.1

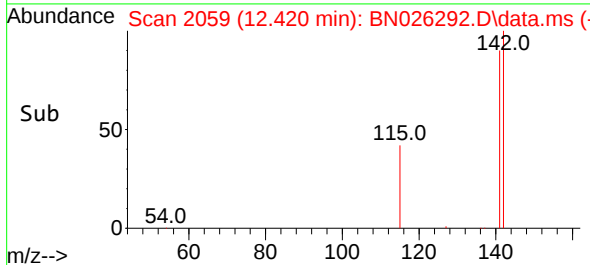
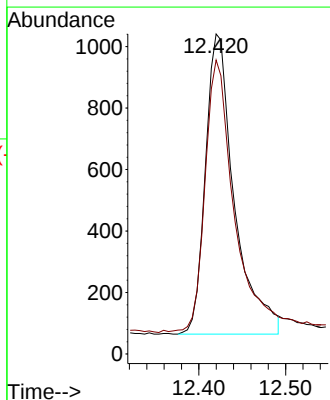
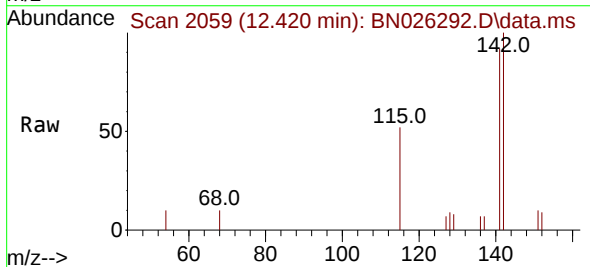
Manual Integrations
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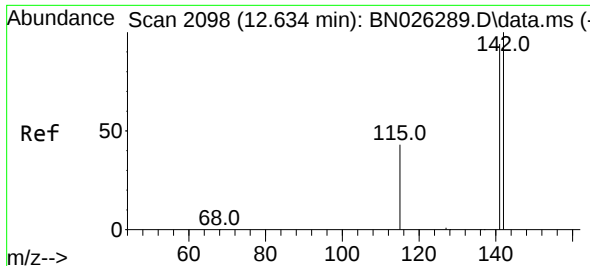
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

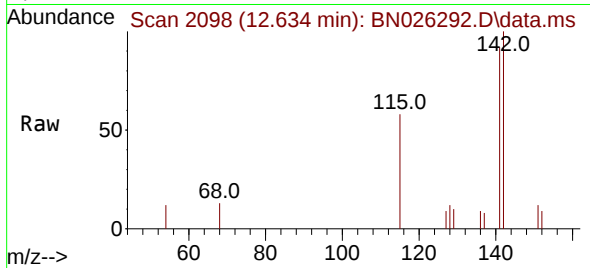
Tgt Ion:142 Resp: 2263
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

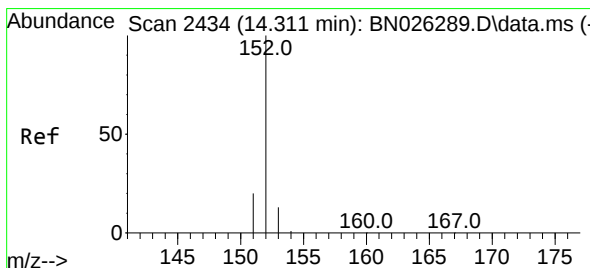
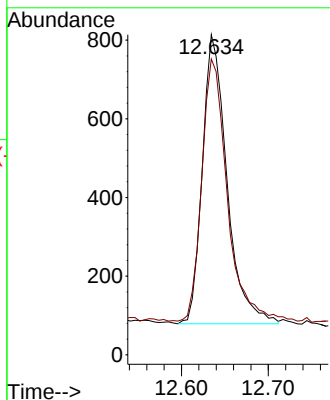
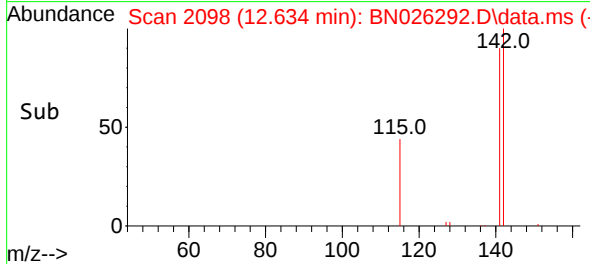
Instrument :
BNA_N
ClientSampleId :
DCGK9DL



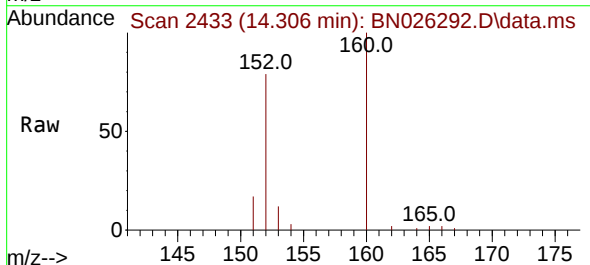
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

Manual Integrations
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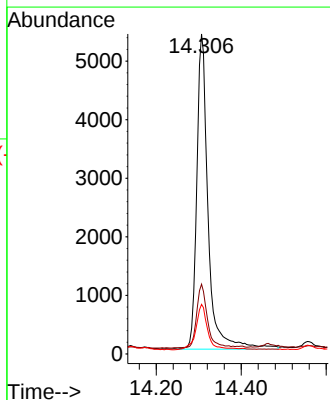
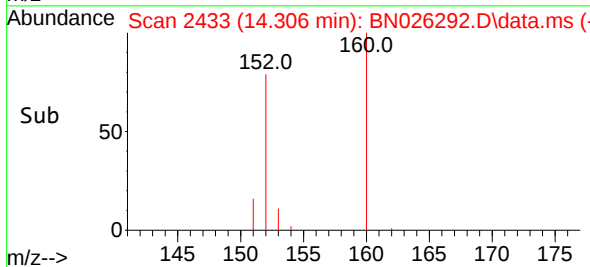
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

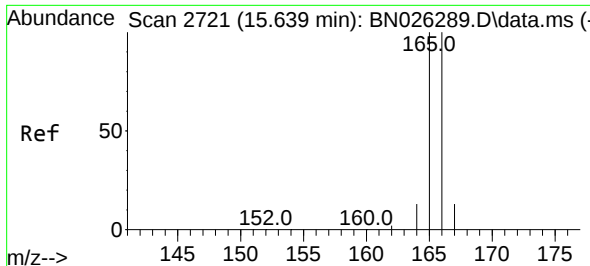


#10
Acenaphthylene
Concen: 0.210 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55



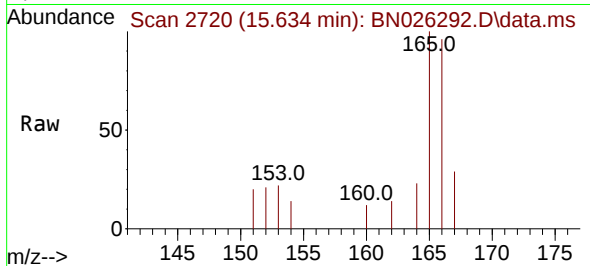
Tgt Ion:152 Resp: 9991
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.4
153 15.5 10.9 16.3





#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.634 min Scan# 211
Delta R.T. -0.010 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

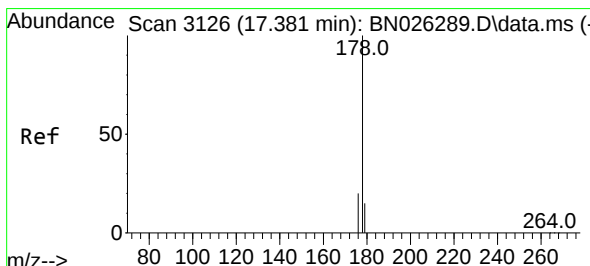
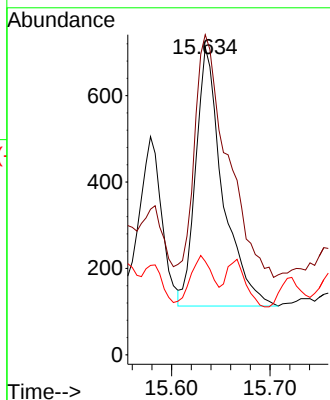
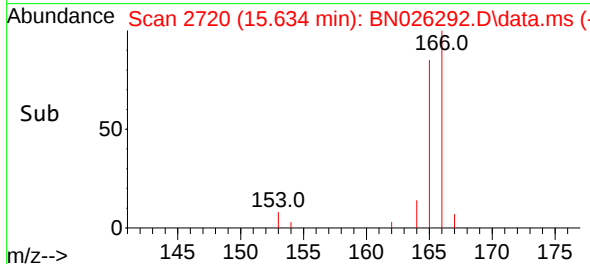
Instrument :
BNA_N
ClientSampleId :
DCGK9DL



Tgt Ion:166 Resp: 113
Ion Ratio Lower Upper
166 100
165 104.1 79.9 119.9
167 30.3 10.8 16.2

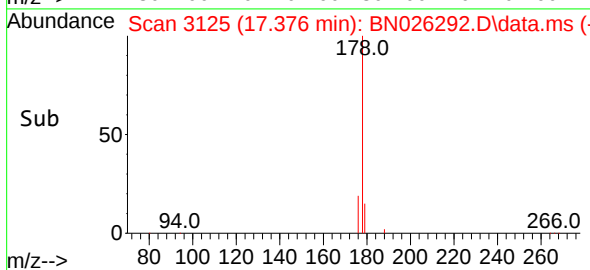
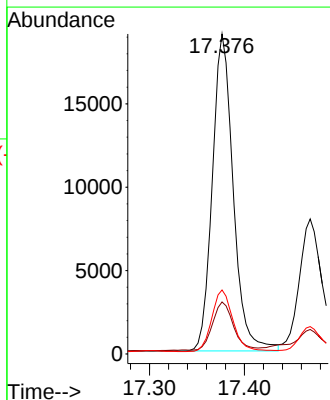
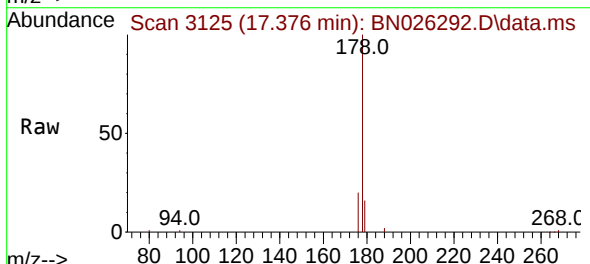
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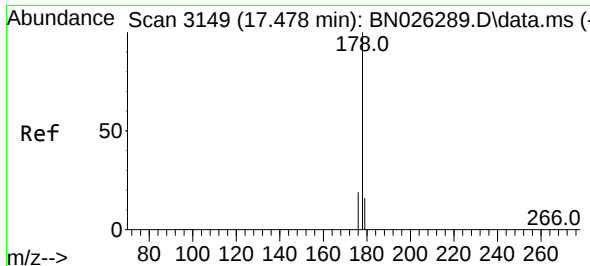
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#15
Phenanthrene
Concen: 0.380 ng/u1
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

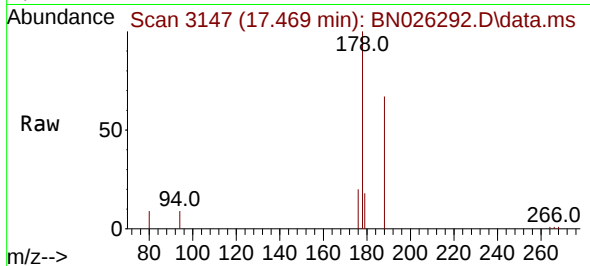
Tgt Ion:178 Resp: 29143
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.0 15.8 23.6





#16
 Anthracene
 Concen: 0.200 ng/ul
 RT: 17.469 min Scan# 3147
 Delta R.T. -0.009 min
 Lab File: BN026292.D
 Acq: 05 Jul 2023 14:55

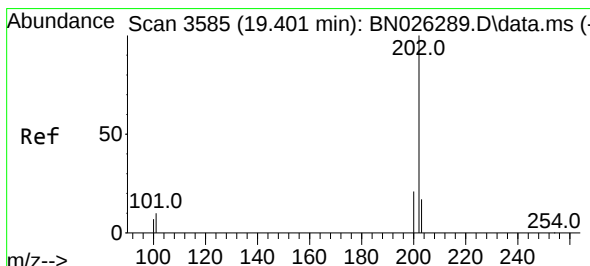
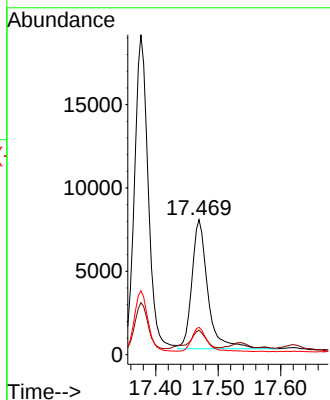
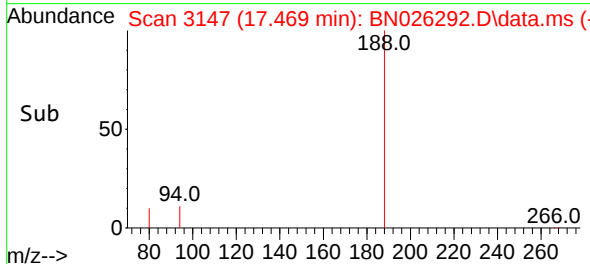
Instrument :
 BNA_N
 ClientSampleId :
 DCGK9DL



Tgt Ion:178 Resp: 13659
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.6 18.8
 176 20.3 15.1 22.7

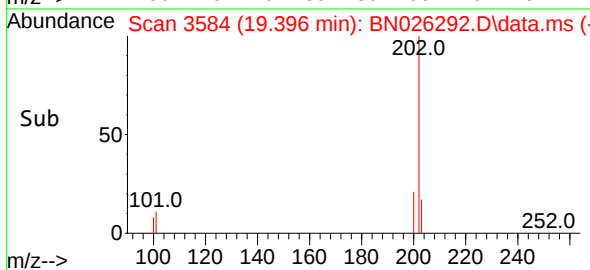
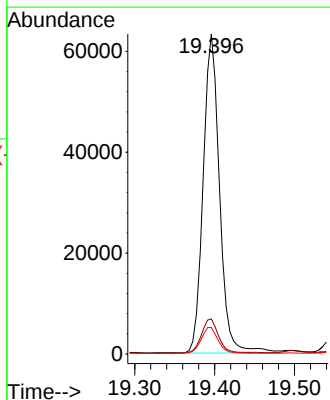
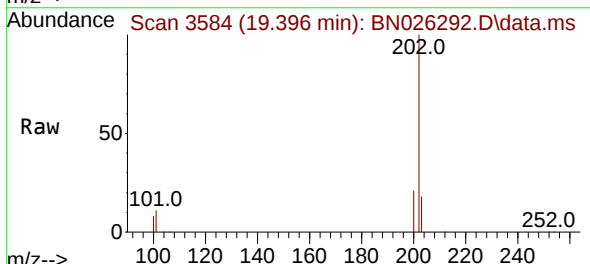
Manual Integrations
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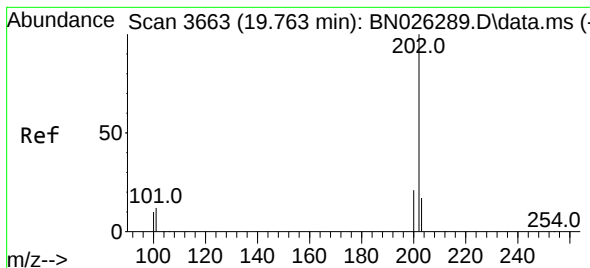
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



#19
 Fluoranthene
 Concen: 1.253 ng/ul
 RT: 19.396 min Scan# 3584
 Delta R.T. -0.006 min
 Lab File: BN026292.D
 Acq: 05 Jul 2023 14:55

Tgt Ion:202 Resp: 90122
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.5 14.3
 100 8.3 7.3 10.9





#20

Pyrene

Concen: 1.016 ng/ul

RT: 19.758 min Scan# 3662

Delta R.T. -0.006 min

Lab File: BN026292.D

Acq: 05 Jul 2023 14:55

Instrument :

BNA_N

ClientSampleId :

DCGK9DL

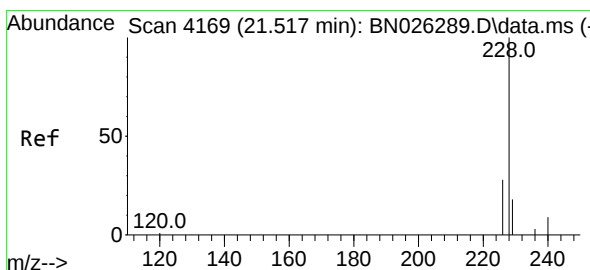
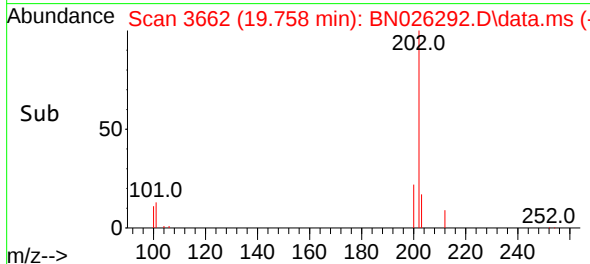
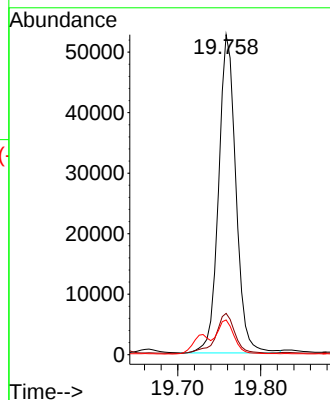
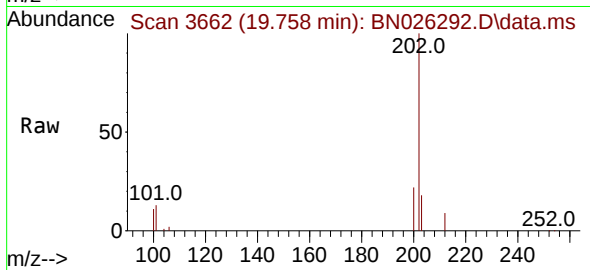
Tgt Ion:	202	Resp:	7600
Ion Ratio	Lower	Upper	
202	100		
101	12.9	11.4	17.0
100	10.8	9.1	13.7

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 07/05/2023



#21

Benzo(a)anthracene

Concen: 0.764 ng/ul

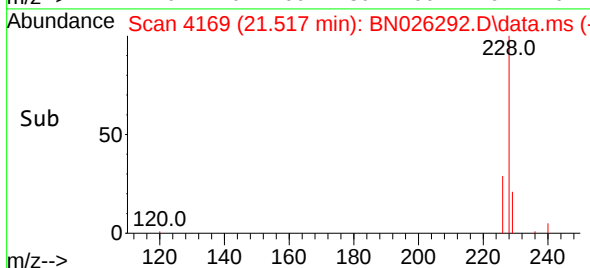
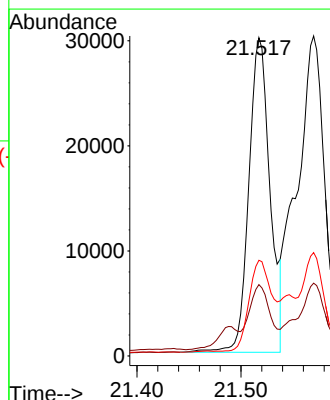
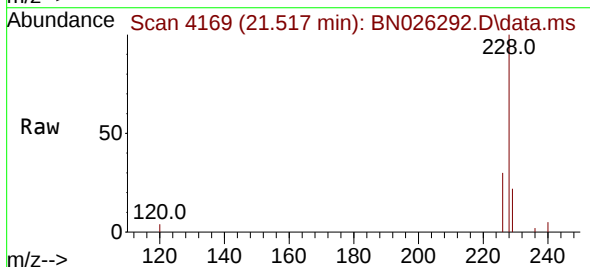
RT: 21.517 min Scan# 4169

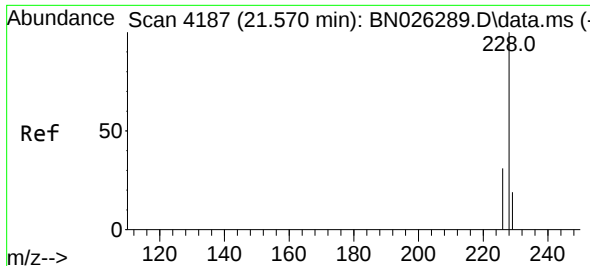
Delta R.T. 0.002 min

Lab File: BN026292.D

Acq: 05 Jul 2023 14:55

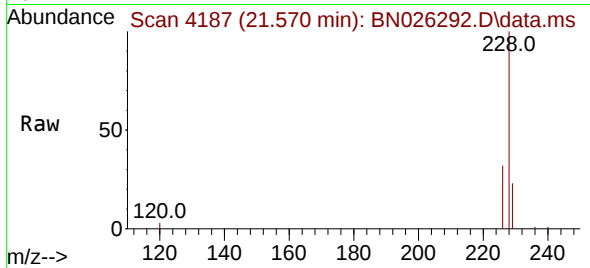
Tgt Ion:	228	Resp:	42477
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.8	23.6
226	30.1	22.5	33.7





#22
Chrysene
Concen: 0.962 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

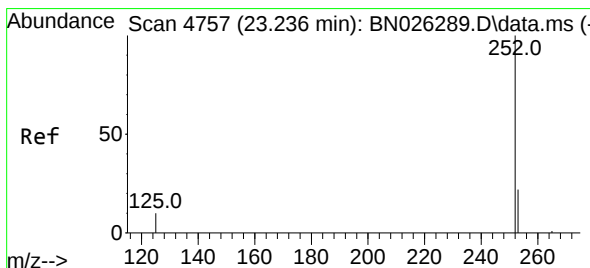
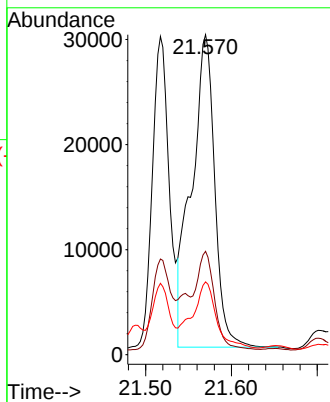
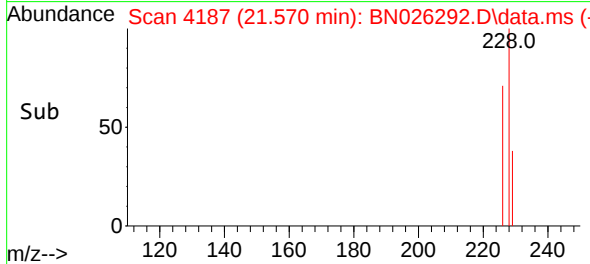
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ClientSampleId :
DCGK9DL



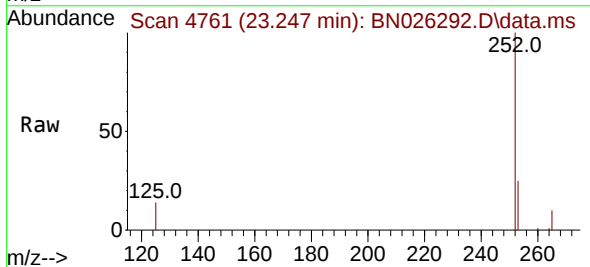
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Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 22.7 15.7 23.5

Manual Integrations
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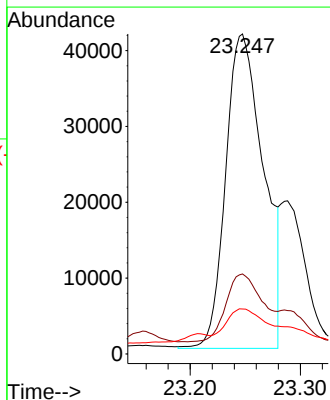
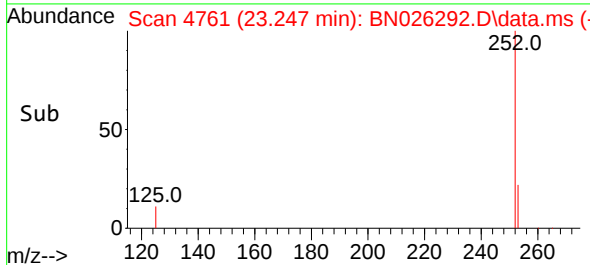
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

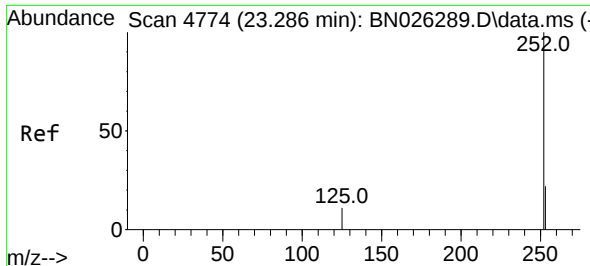


#24
Benzo(b)fluoranthene
Concen: 1.642 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55



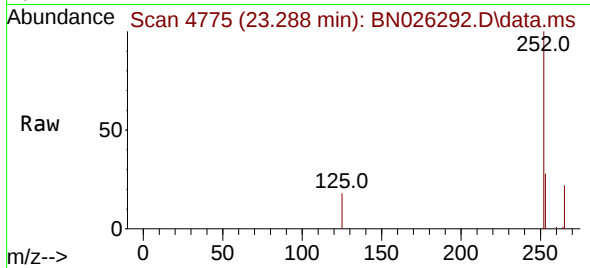
Tgt Ion:252 Resp: 99070
Ion Ratio Lower Upper
252 100
253 25.0 0.0 55.6
125 14.1 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.496 ng/ul m
RT: 23.288 min Scan# 4774
Delta R.T. -0.004 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

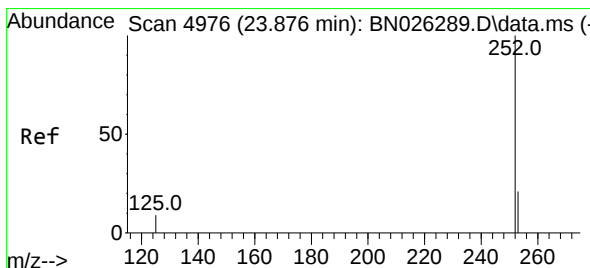
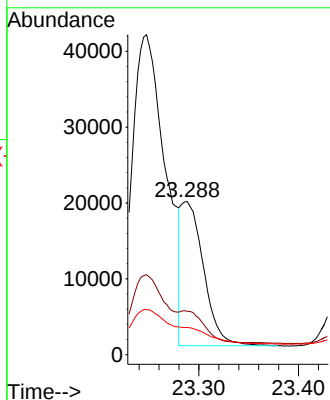
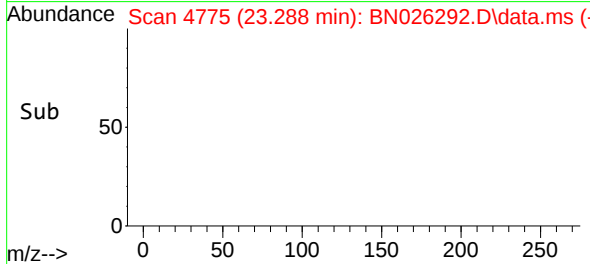
Instrument :
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ClientSampleId :
DCGK9DL



Tgt Ion:252 Resp: 30019
Ion Ratio Lower Upper
252 100
253 28.4 23.2 34.8
125 17.8 15.0 22.4

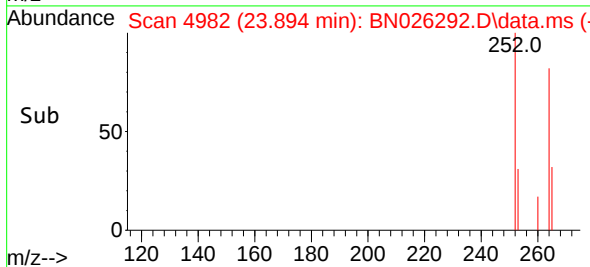
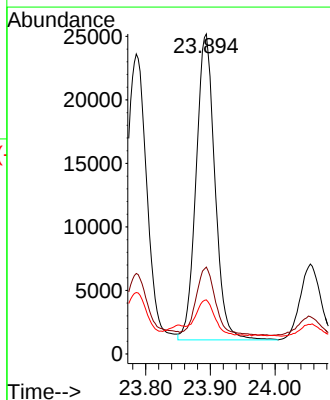
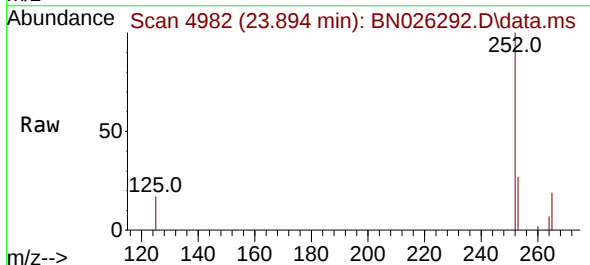
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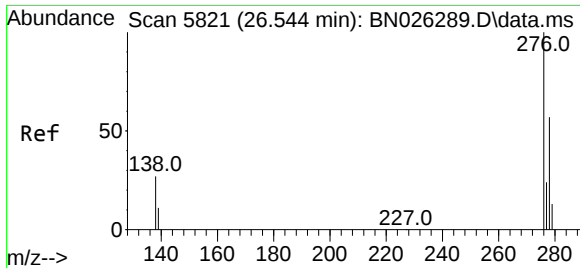
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.926 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. 0.005 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

Tgt Ion:252 Resp: 48543
Ion Ratio Lower Upper
252 100
253 27.1 26.0 39.0
125 16.9 17.3 25.9#





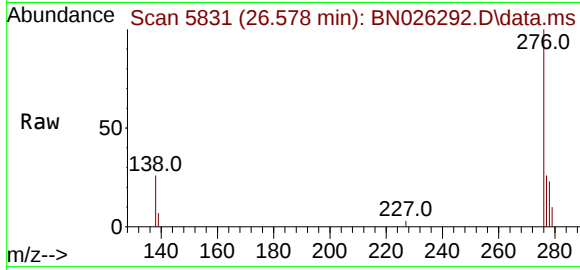
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.742 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55

Instrument :

BNA_N

ClientSampleId :

DCGK9DL

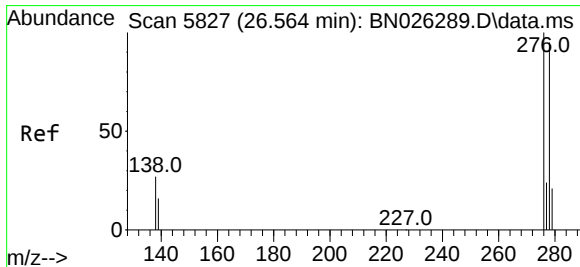
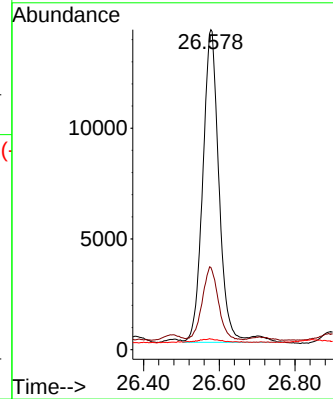
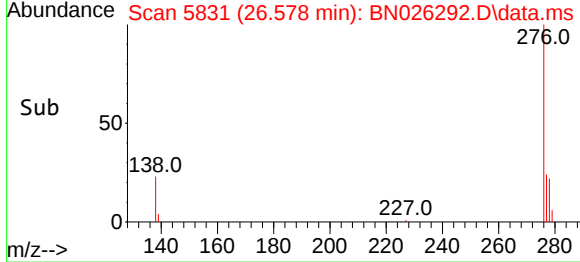


Tgt Ion:276 Resp: 42460
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 1.2 0.0 0.0#

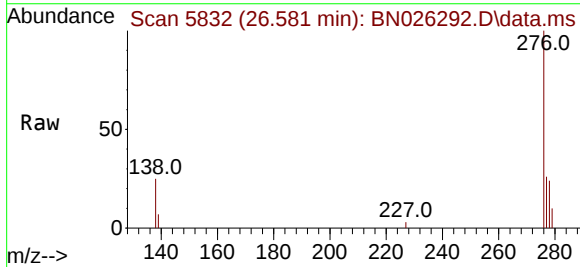
Manual Integrations

APPROVED

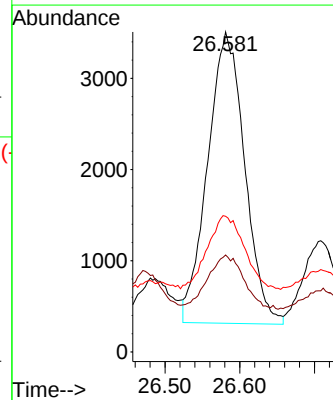
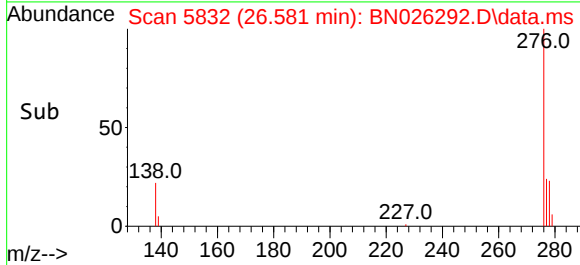
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

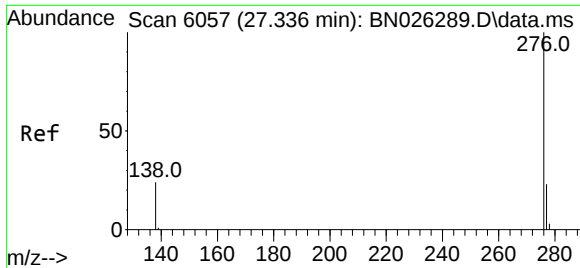


#28
Dibenzo(a,h)anthracene
Concen: 0.254 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026292.D
Acq: 05 Jul 2023 14:55



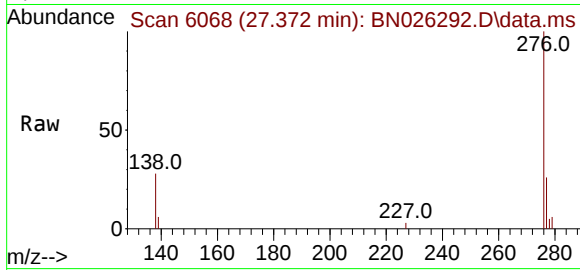
Tgt Ion:278 Resp: 10982
Ion Ratio Lower Upper
278 100
139 30.3 19.0 28.4#
279 42.4 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.716 ng/ul
 RT: 27.372 min Scan# 6068
 Delta R.T. -0.008 min
 Lab File: BN026292.D
 Acq: 05 Jul 2023 14:55

Instrument :
 BNA_N
 ClientSampleId :
 DCGK9DL



Tgt Ion: 276 Resp: 3643

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.4	35.0
277	26.1	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

