

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026287.D
 Acq On : 05 Jul 2023 11:47
 Operator : MA/JU
 Sample : 03246-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 13:02:31 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	6980	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	20285	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	12972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	23848	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	14357	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	15410	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5492	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	1530	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	2633	0.048	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	3981	0.068	ng/ul#	91
7) 2-Methylnaphthalene	12.419	142	1701	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.633	142	1363	0.036	ng/ul	97
10) Acenaphthylene	14.306	152	7402	0.122	ng/ul	95
11) Acenaphthene	14.648	153	1757	0.035	ng/ul	94
12) Fluorene	15.634	166	1547	0.027	ng/ul#	93
15) Phenanthrene	17.376	178	48244	0.612	ng/ul	100
16) Anthracene	17.469	178	11566	0.165	ng/ul	96
19) Fluoranthene	19.395	202	141322	1.843	ng/ul	97
20) Pyrene	19.758	202	122041	1.530	ng/ul	97
21) Benzo(a)anthracene	21.513	228	56927	0.961	ng/ul	97
22) Chrysene	21.569	228	72000	1.168	ng/ul	97
24) Benzo(b)fluoranthene	23.235	252	110268m	1.677	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	42578m	0.645	ng/ul	
26) Benzo(a)pyrene	23.878	252	70408	1.233	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.543	276	60664	0.972	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.547	278	13952	0.295	ng/ul#	88
29) Benzo(g,h,i)perylene	27.338	276	53458	0.963	ng/ul	97

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

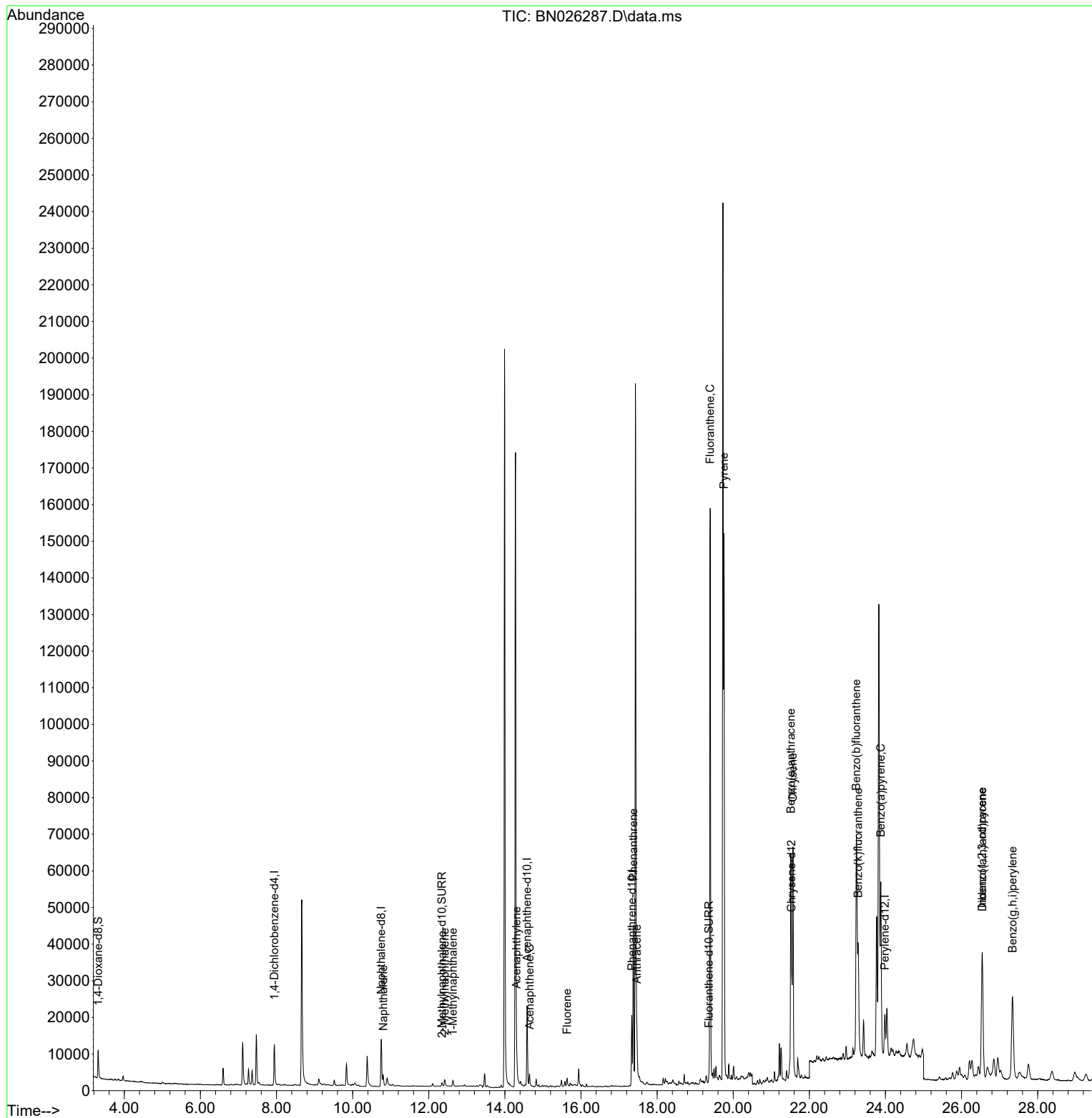
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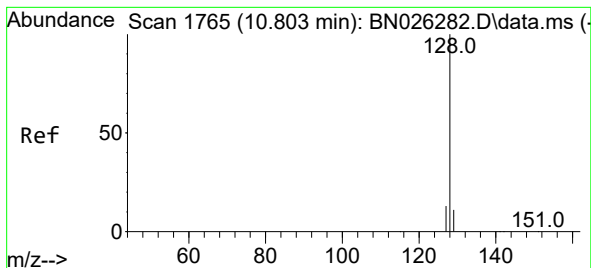
Instrument :
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ClientSampleId :
DCGK5DL

Quant Time: Jul 05 13:02:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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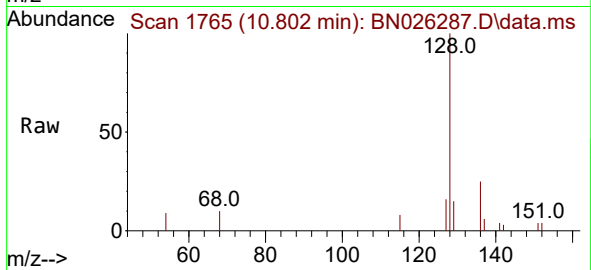
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

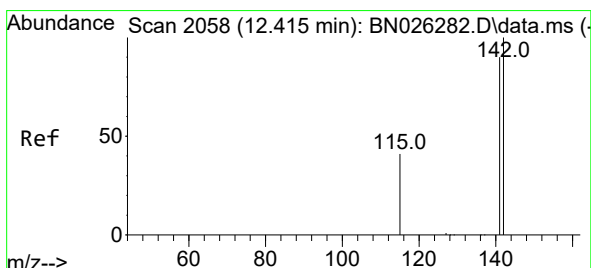
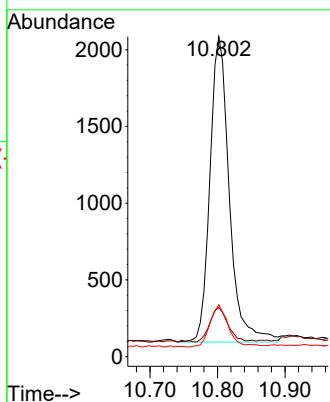
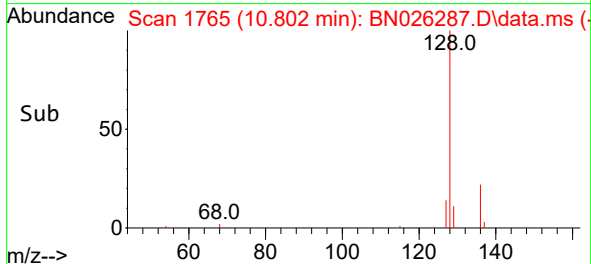
Instrument :
BNA_N
ClientSampleId :
DCGK5DL



Tgt Ion:128 Resp: 398
Ion Ratio Lower Upper
128 100
129 15.3 9.1 13.7
127 16.2 10.7 16.1

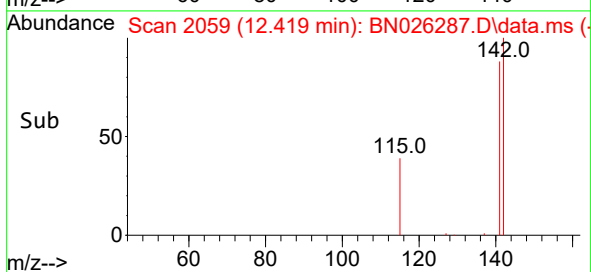
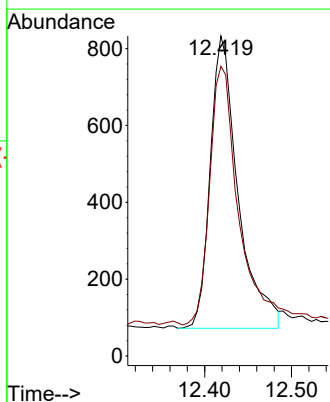
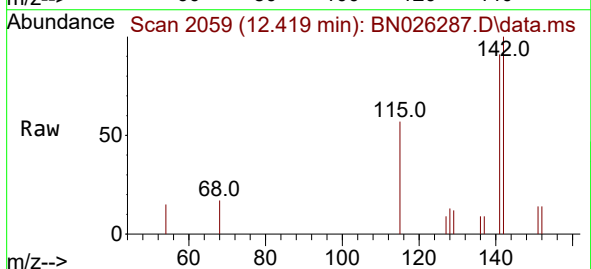
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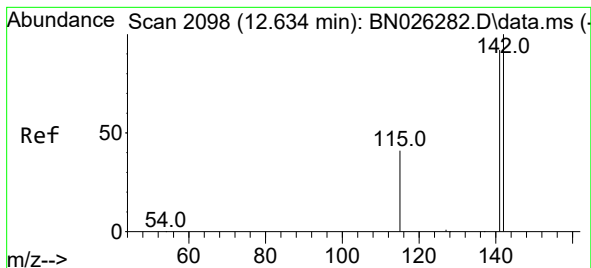
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

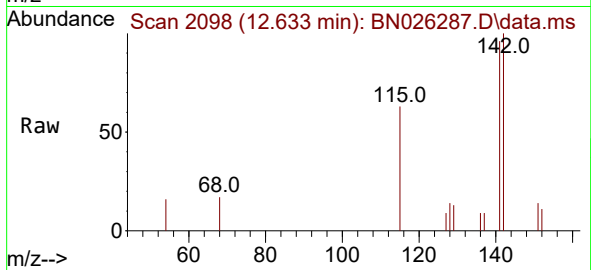
Tgt Ion:142 Resp: 1701
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.633 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

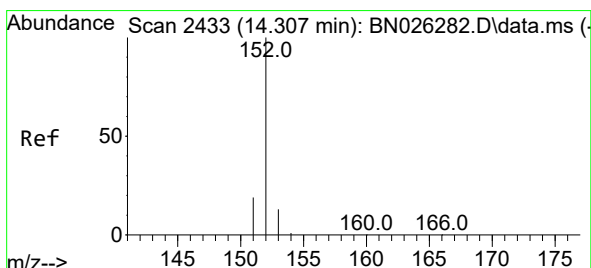
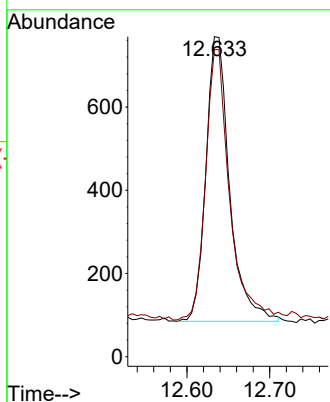
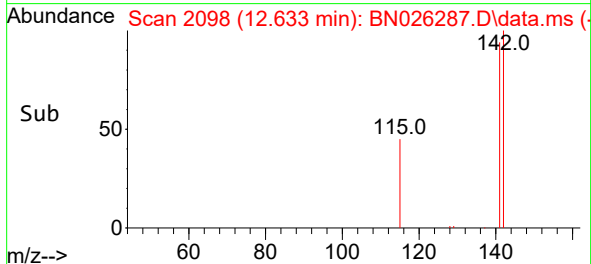
Instrument :
BNA_N
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DCGK5DL



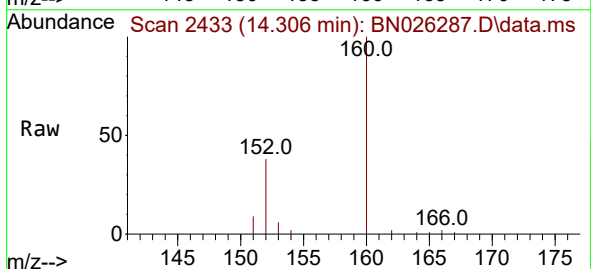
Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.4

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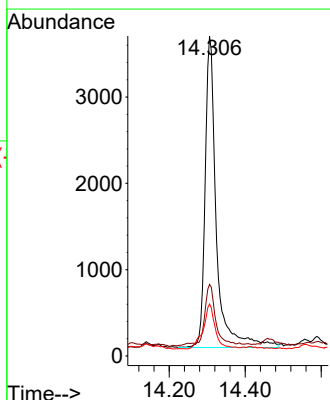
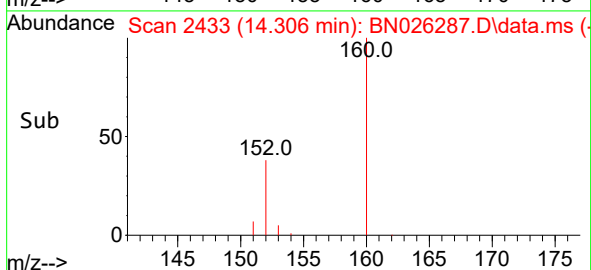
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

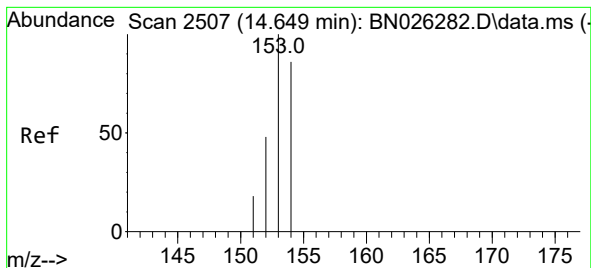


#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47



Tgt Ion:152 Resp: 7402
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 16.2 10.9 16.3





#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN026287.D

Acq: 05 Jul 2023 11:47

Instrument :

BNA_N

ClientSampleId :

DCGK5DL

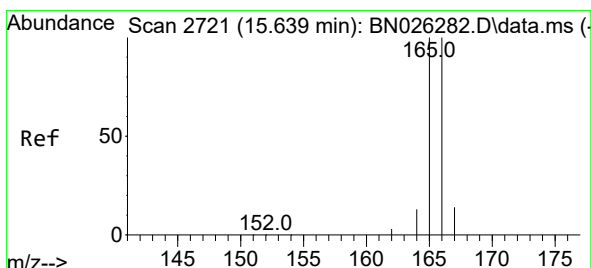
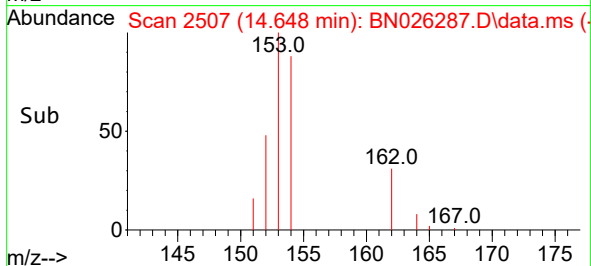
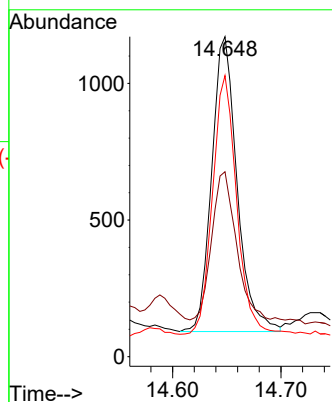
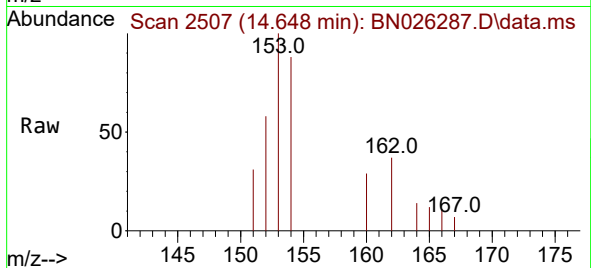
Tgt Ion:153 Resp: 175

Ion	Ratio	Lower	Upper
153	100		
152	57.8	39.4	59.0
154	87.9	68.9	103.3

Manual Integrations

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



#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.634 min Scan# 2720

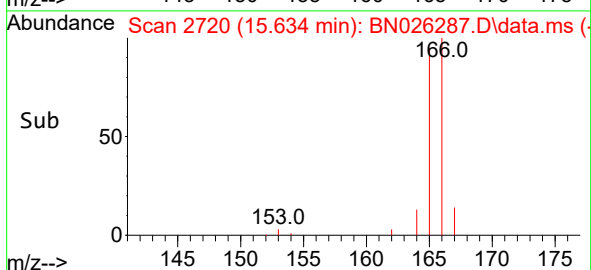
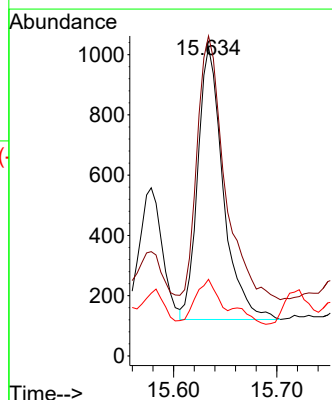
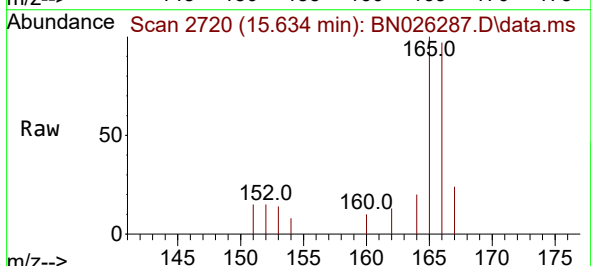
Delta R.T. -0.010 min

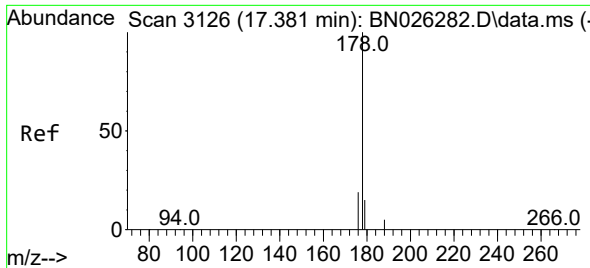
Lab File: BN026287.D

Acq: 05 Jul 2023 11:47

Tgt Ion:166 Resp: 1547

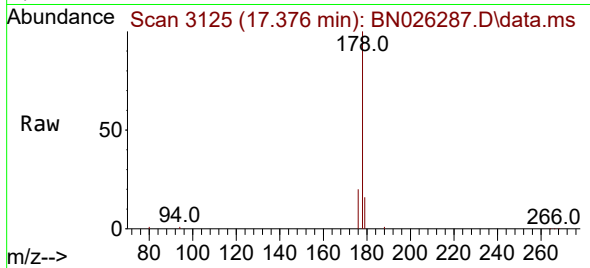
Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.9	119.9
167	24.8	10.8	16.2





#15
Phenanthrene
Concen: 0.612 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

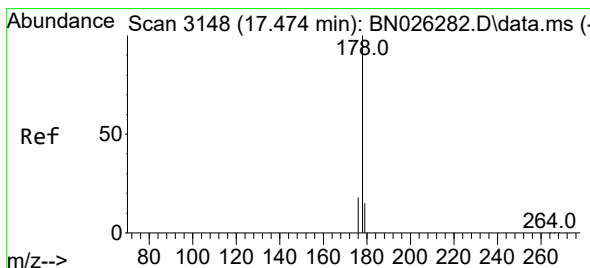
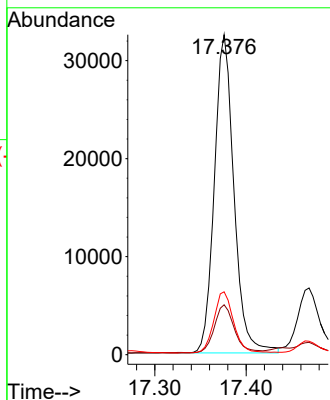
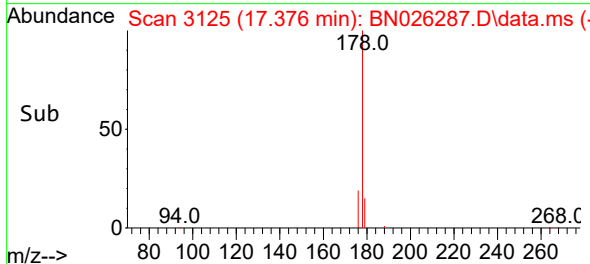
Instrument :
BNA_N
ClientSampleId :
DCGK5DL



Tgt Ion:178 Resp: 48244
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.7 15.8 23.6

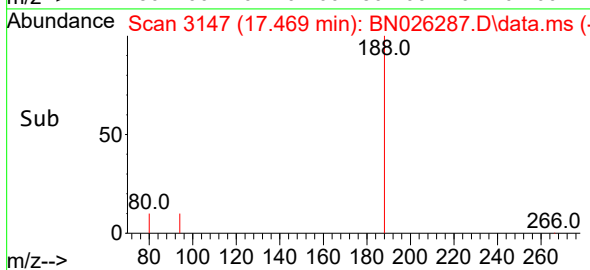
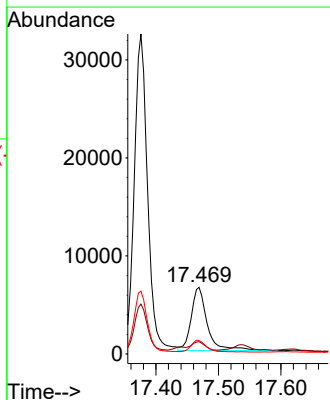
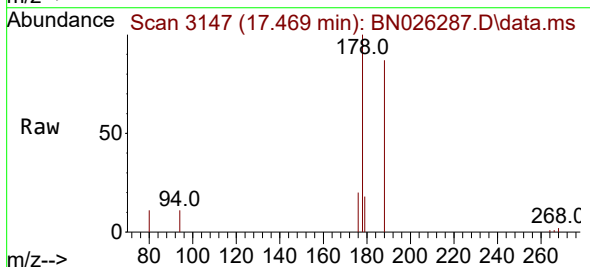
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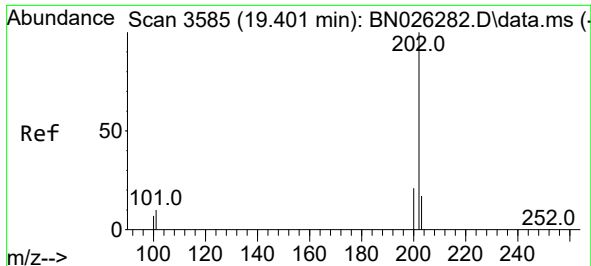
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.165 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

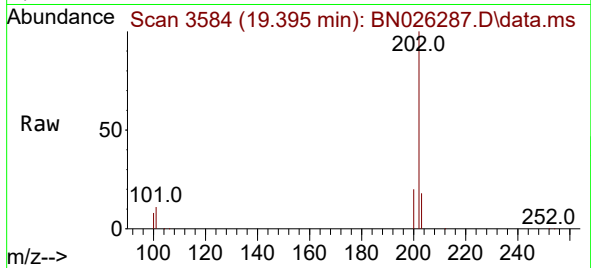
Tgt Ion:178 Resp: 11566
Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 20.1 15.1 22.7





#19
Fluoranthene
Concen: 1.843 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

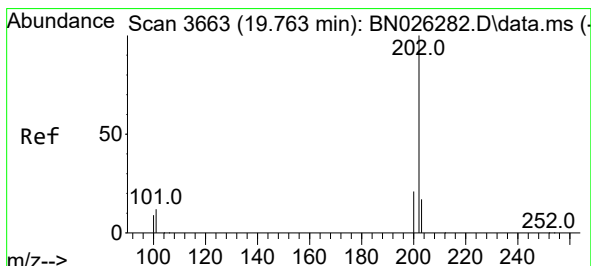
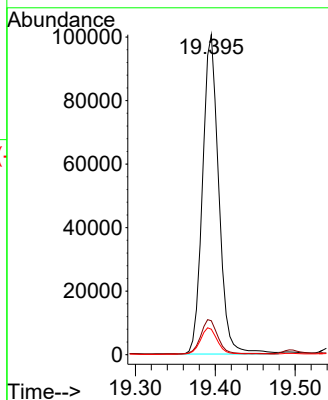
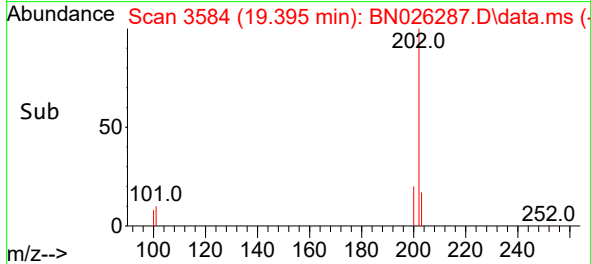
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DCGK5DL



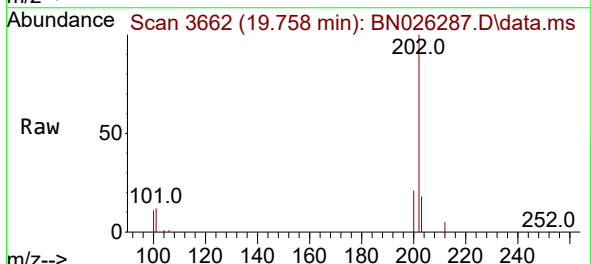
Tgt Ion:202 Resp: 14132
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9

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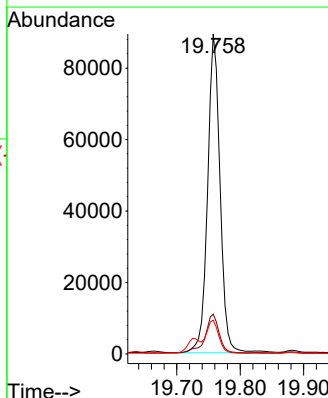
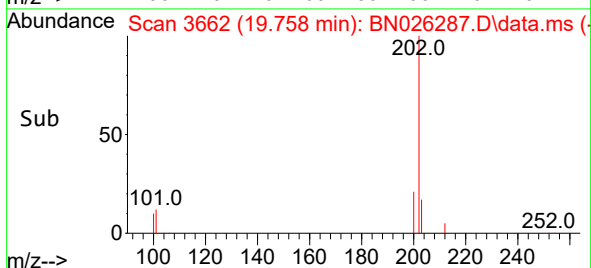
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

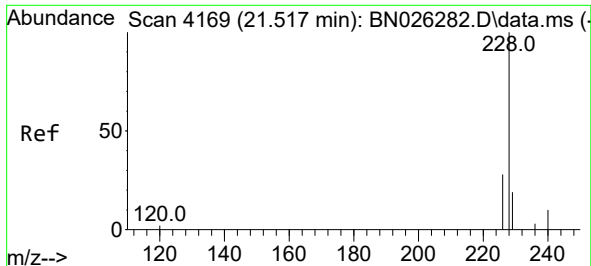


#20
Pyrene
Concen: 1.530 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47



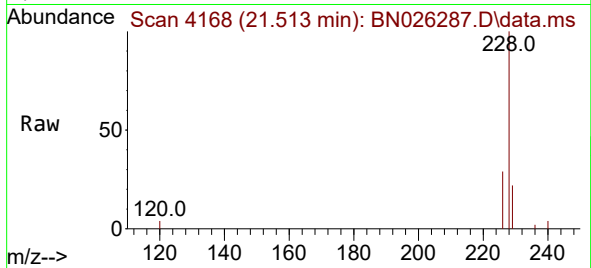
Tgt Ion:202 Resp: 122041
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.961 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.002 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

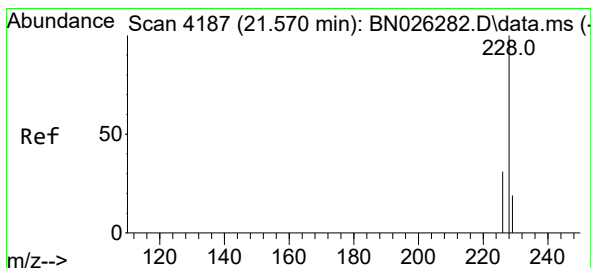
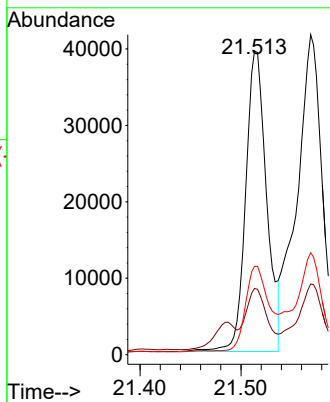
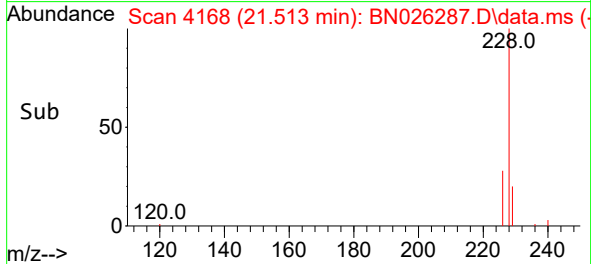
Instrument :
BNA_N
ClientSampleId :
DCGK5DL



Tgt Ion:228 Resp: 5692
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 29.1 22.5 33.7

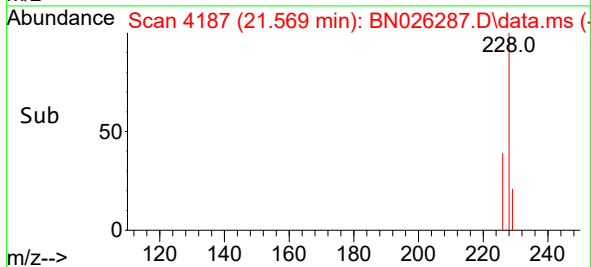
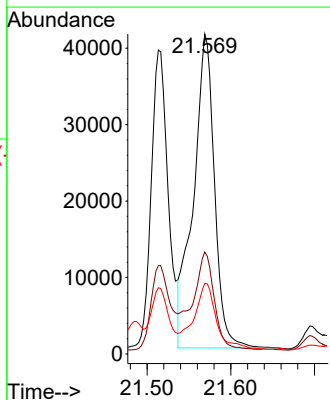
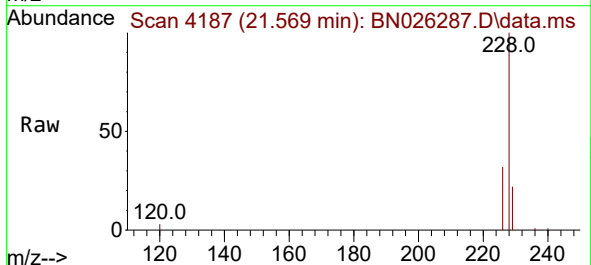
Manual Integrations
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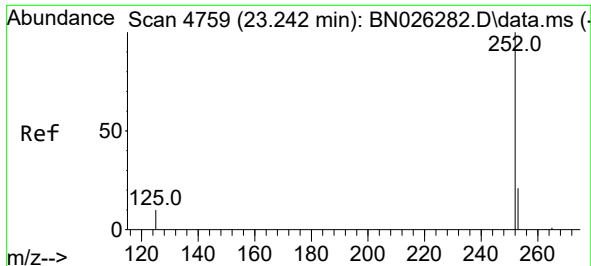
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 1.168 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.002 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

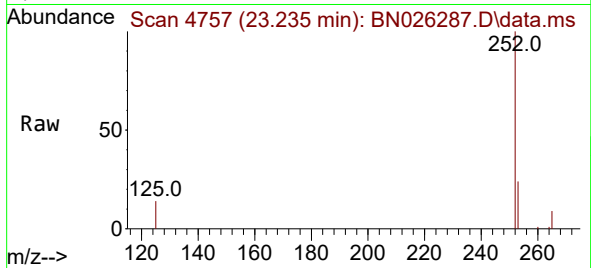
Tgt Ion:228 Resp: 72000
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.677 ng/ul m
RT: 23.235 min Scan# 4757
Delta R.T. -0.010 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

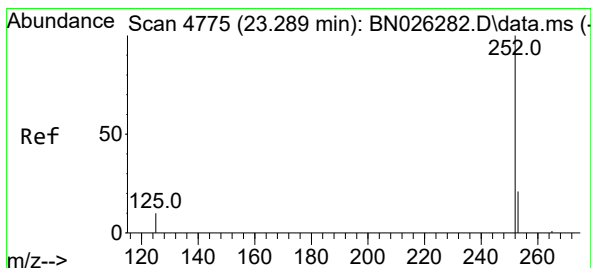
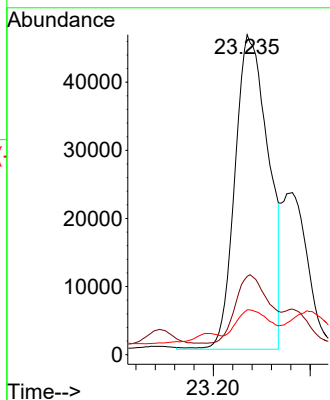
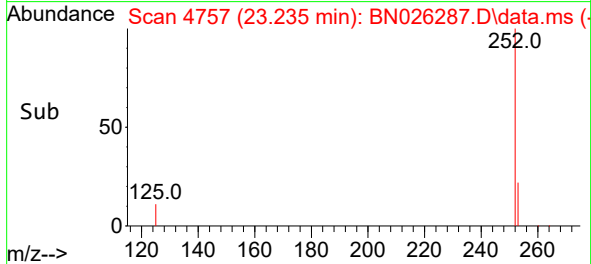
Instrument :
BNA_N
ClientSampleId :
DCGK5DL



Tgt Ion:252 Resp: 110268
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.0 0.0 35.8

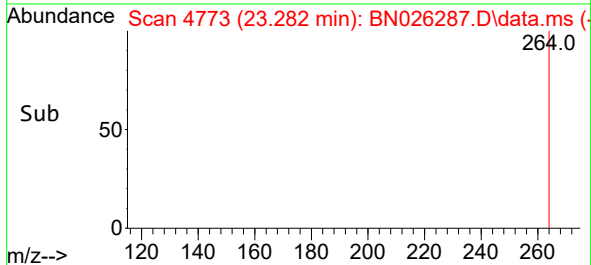
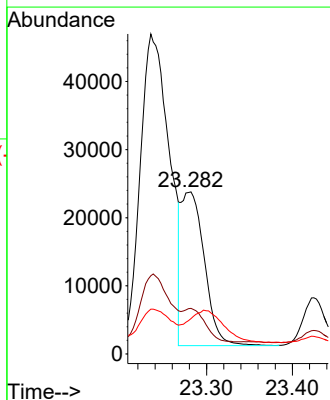
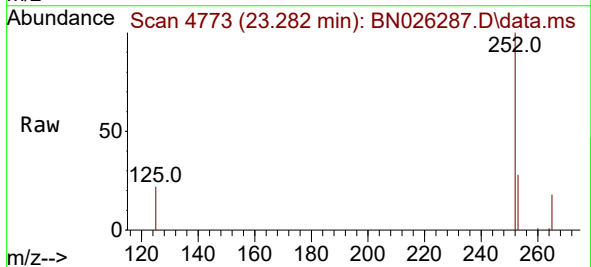
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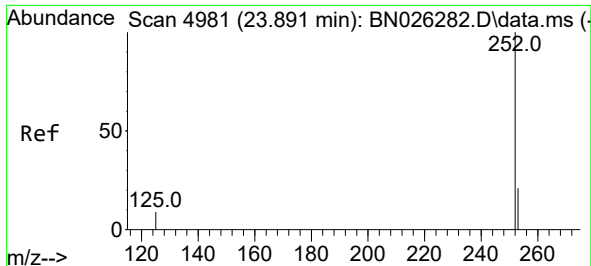
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.645 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

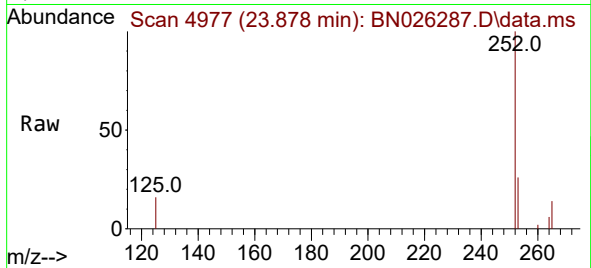
Tgt Ion:252 Resp: 42578
Ion Ratio Lower Upper
252 100
253 28.2 23.2 34.8
125 21.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.233 ng/ul
RT: 23.878 min Scan# 4977
Delta R.T. -0.010 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

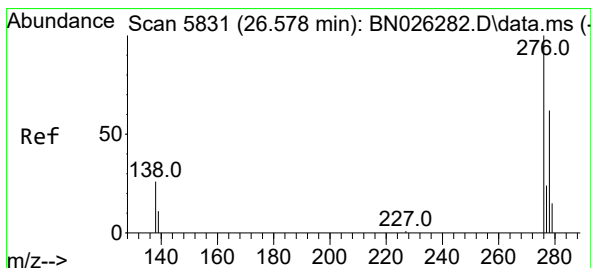
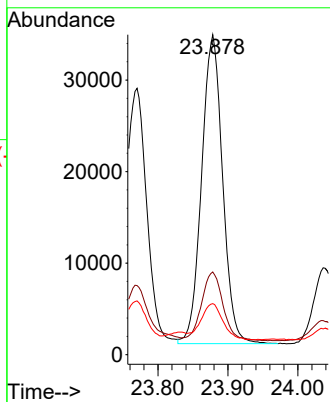
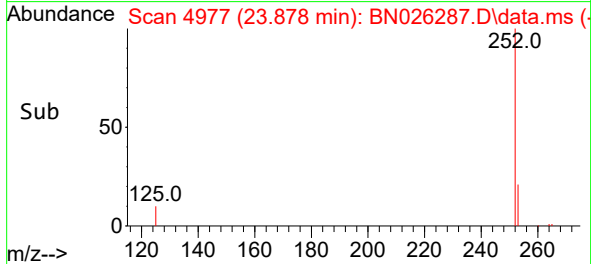
Instrument :
BNA_N
ClientSampleId :
DCGK5DL



Tgt Ion:252 Resp: 70408
Ion Ratio Lower Upper
252 100
253 25.9 26.0 39.0#
125 16.0 17.3 25.9#

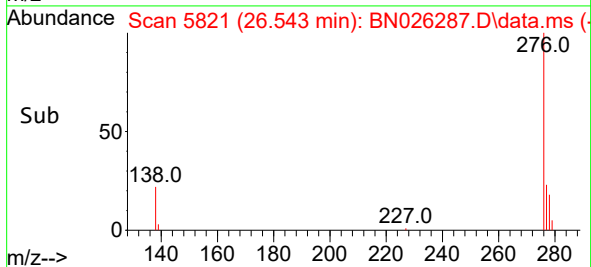
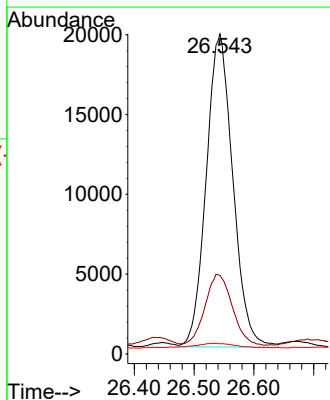
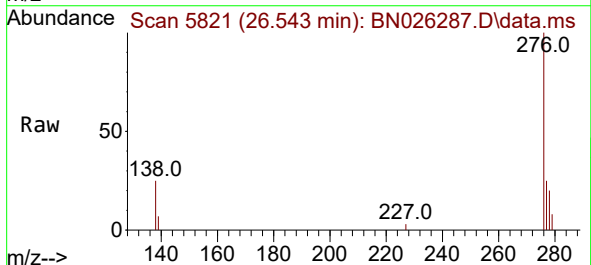
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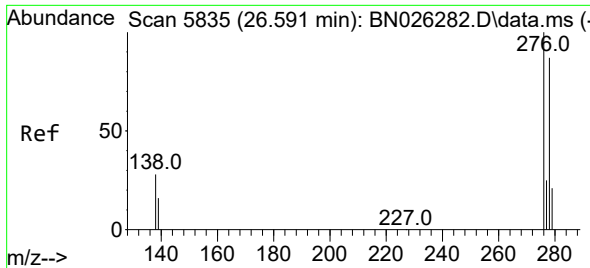
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.972 ng/ul
RT: 26.543 min Scan# 5821
Delta R.T. -0.039 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

Tgt Ion:276 Resp: 60664
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 2.0 0.0 0.0#





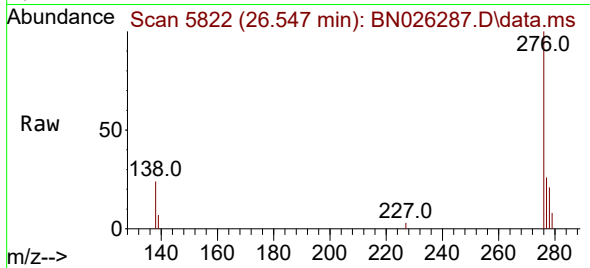
#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.049 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47

Instrument :

BNA_N

ClientSampleId :

DCGK5DL

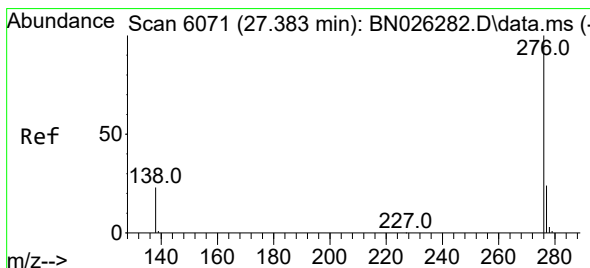
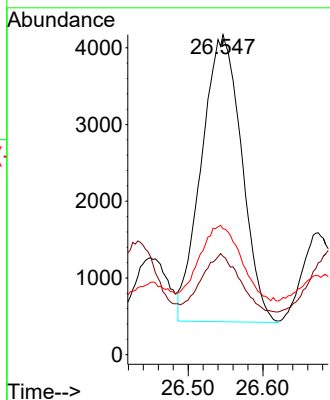
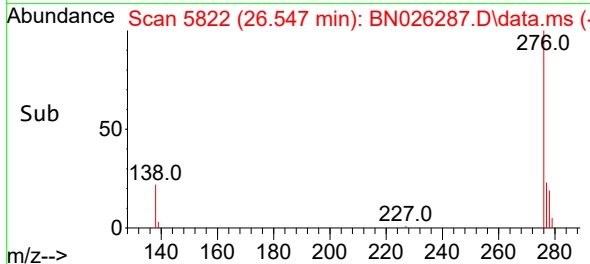


Tgt Ion:278 Resp: 13952
Ion Ratio Lower Upper
278 100
139 30.7 19.0 28.4
279 39.4 26.7 40.1

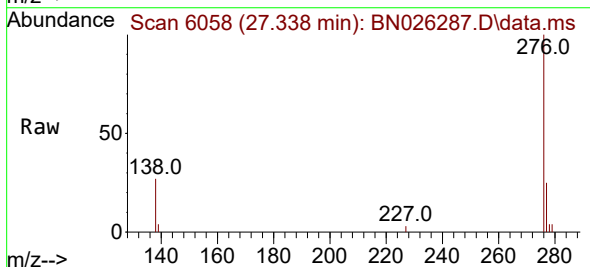
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.963 ng/ul
RT: 27.338 min Scan# 6058
Delta R.T. -0.042 min
Lab File: BN026287.D
Acq: 05 Jul 2023 11:47



Tgt Ion:276 Resp: 53458
Ion Ratio Lower Upper
276 100
138 26.6 23.4 35.0
277 25.3 20.0 30.0

