

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026291.D
 Acq On : 05 Jul 2023 14:18
 Operator : MA/JU
 Sample : 03246-21DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 16:45:38 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	6553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	21513	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	12080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	23282	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	13877	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	14319	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5455	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1368	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	2819	0.053	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	7290	0.118	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	4933	0.126	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	4791	0.118	ng/ul	99
10) Acenaphthylene	14.306	152	14118	0.250	ng/ul	97
11) Acenaphthene	14.649	153	4603	0.099	ng/ul	98
12) Fluorene	15.634	166	4357	0.082	ng/ul#	96
15) Phenanthrene	17.376	178	150582	1.958	ng/ul	99
16) Anthracene	17.469	178	28350	0.415	ng/ul	98
19) Fluoranthene	19.396	202	393671	5.311	ng/ul	95
20) Pyrene	19.758	202	304379	3.948	ng/ul	95
21) Benzo(a)anthracene	21.514	228	125601	2.194	ng/ul	98
22) Chrysene	21.567	228	159582	2.679	ng/ul	97
24) Benzo(b)fluoranthene	23.233	252	230738m	3.775	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	78185m	1.274	ng/ul	
26) Benzo(a)pyrene	23.873	252	140411	2.645	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.537	276	107004	1.846	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.541	278	25415	0.579	ng/ul	99
29) Benzo(g,h,i)perylene	27.332	276	95851	1.858	ng/ul	95

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

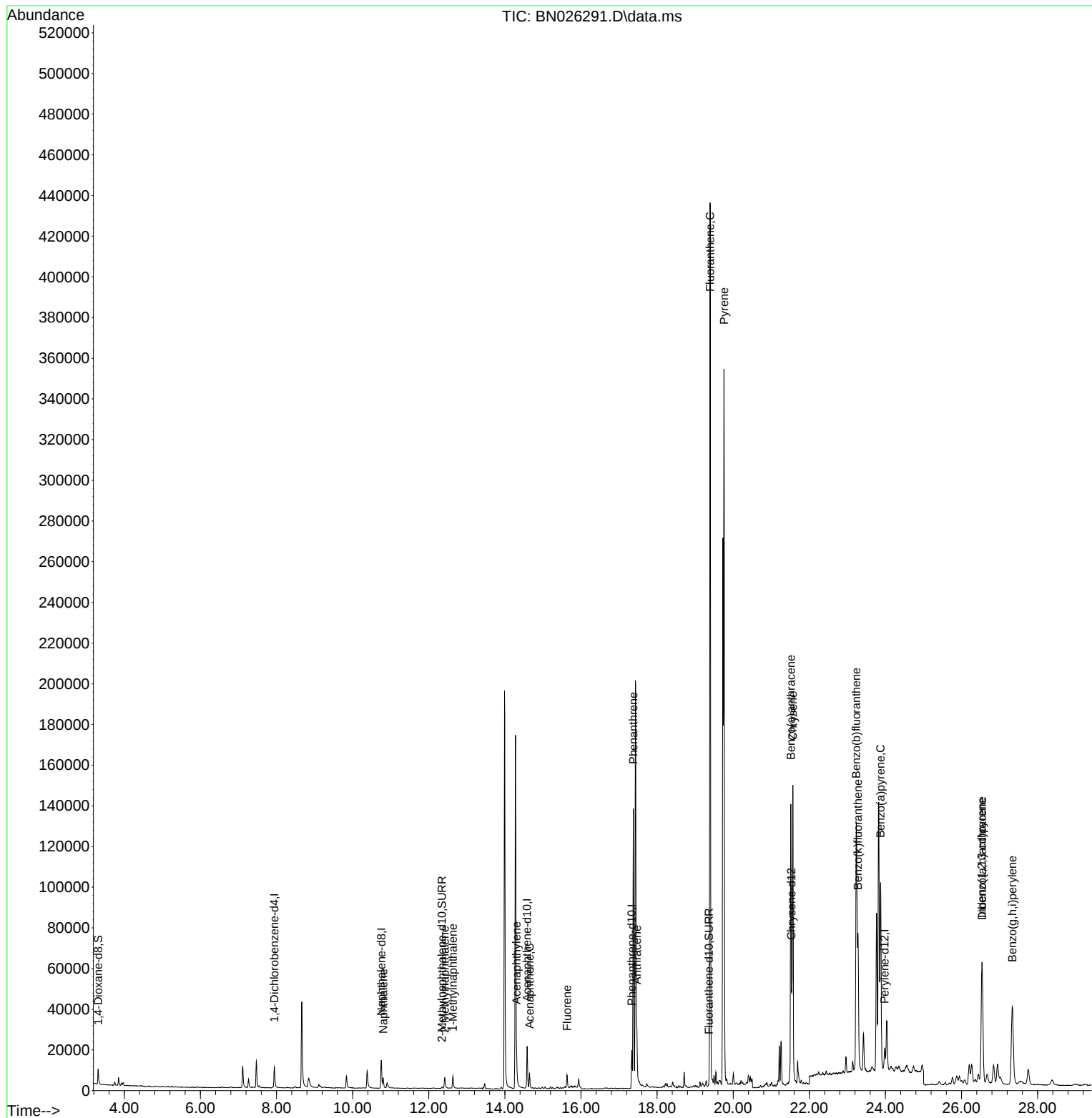
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026291.D
Acq On : 05 Jul 2023 14:18
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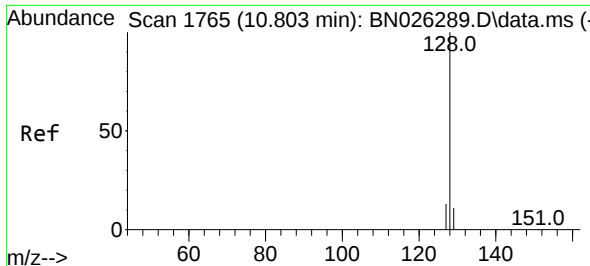
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Quant Time: Jul 05 16:45:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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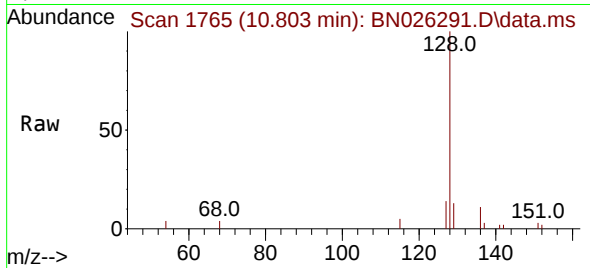
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

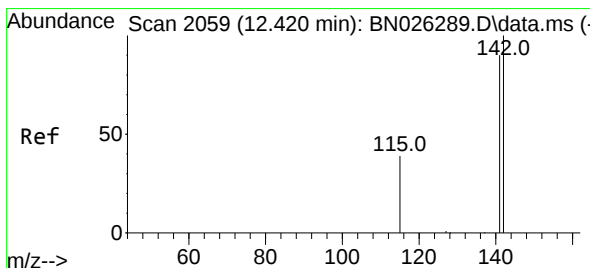
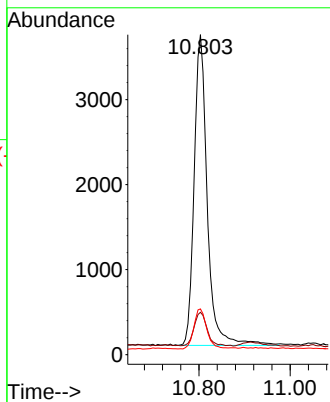
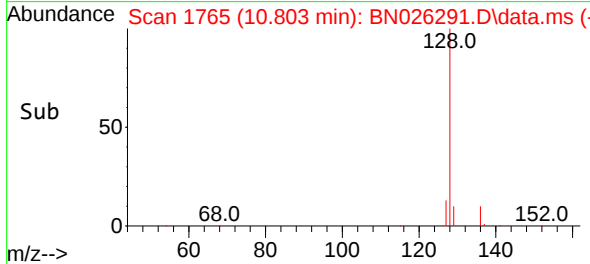
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



Tgt Ion:128 Resp: 7290
Ion Ratio Lower Upper
128 100
129 13.3 9.1 13.7
127 14.3 10.7 16.1

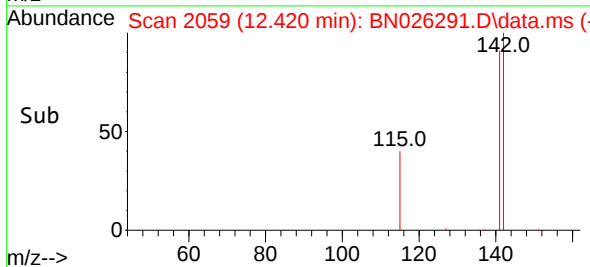
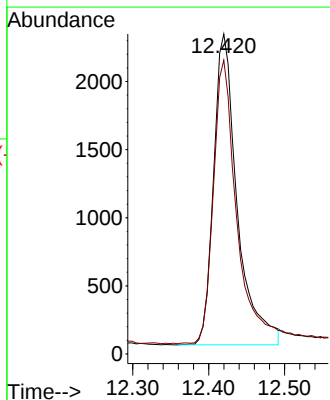
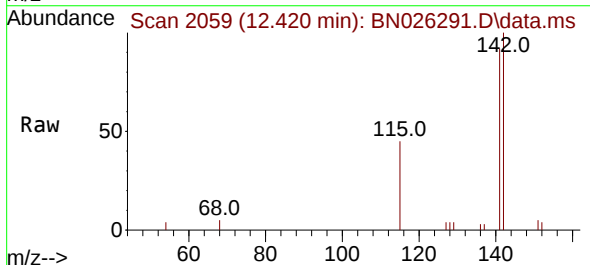
Manual Integrations
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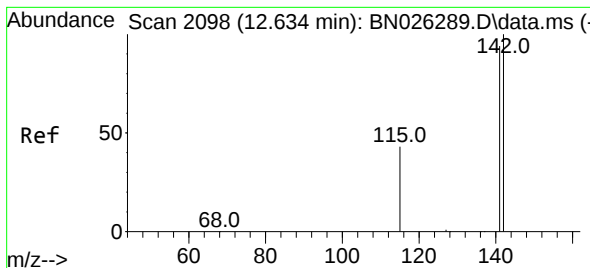
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

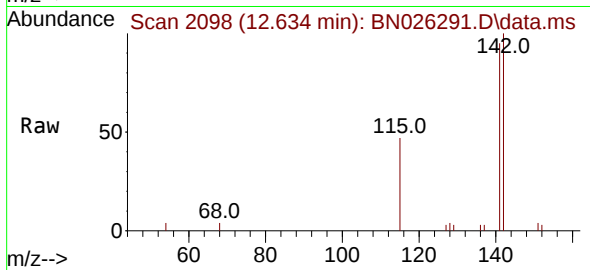
Tgt Ion:142 Resp: 4933
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

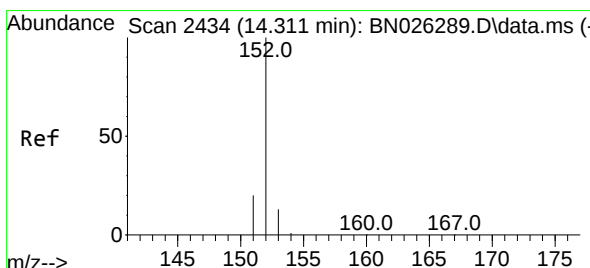
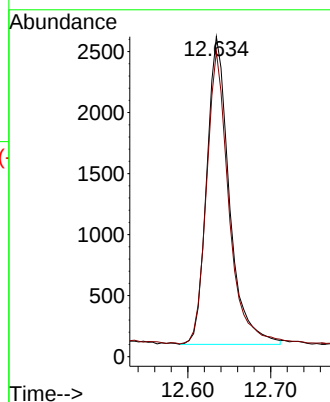
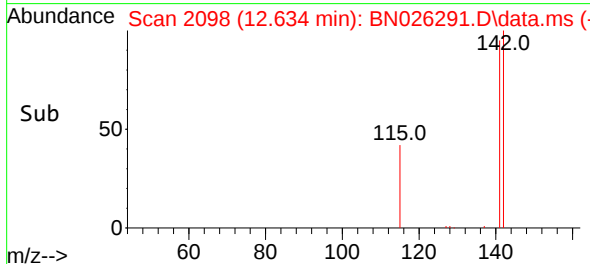
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



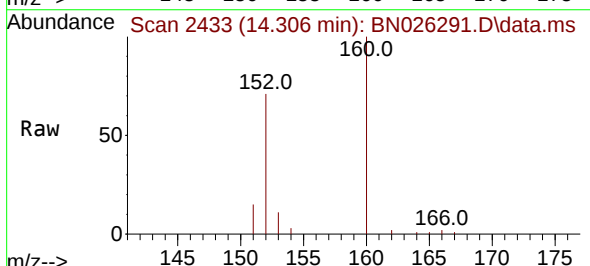
Tgt Ion:142 Resp: 479
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4

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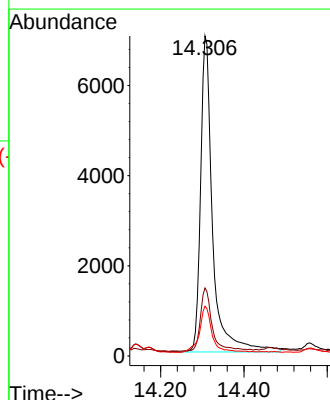
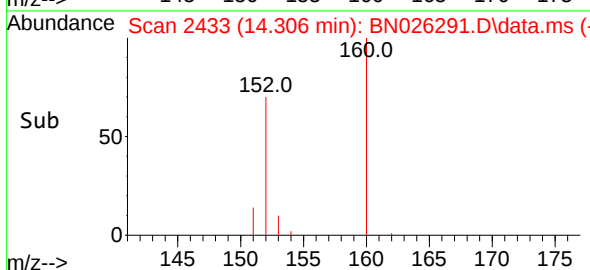
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

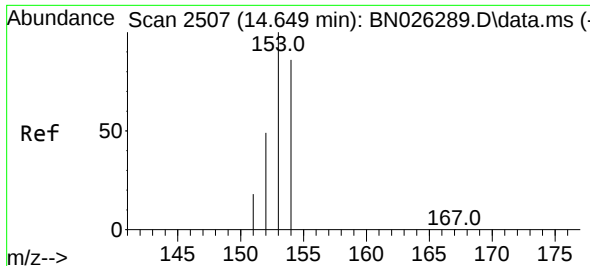


#10
Acenaphthylene
Concen: 0.250 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18



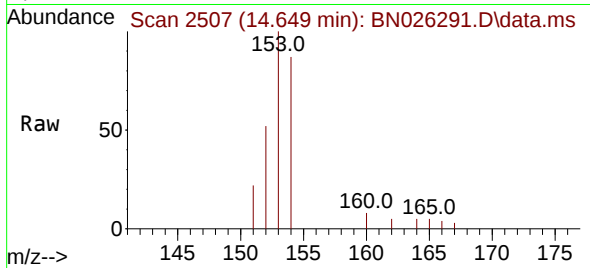
Tgt Ion:152 Resp: 14118
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

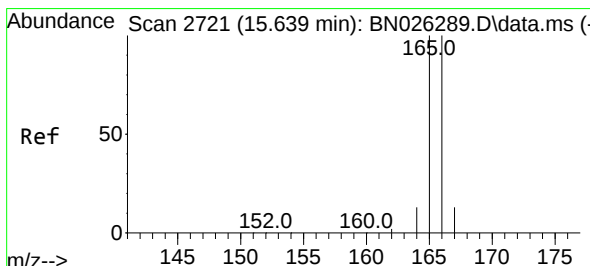
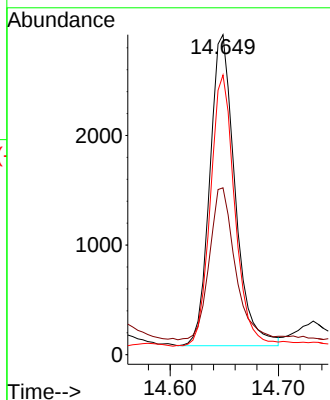
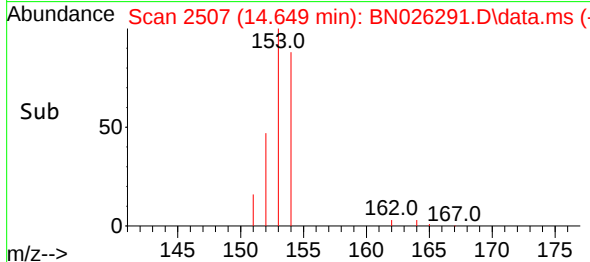
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



Tgt Ion:153 Resp: 460
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.0
154 87.4 68.9 103.3

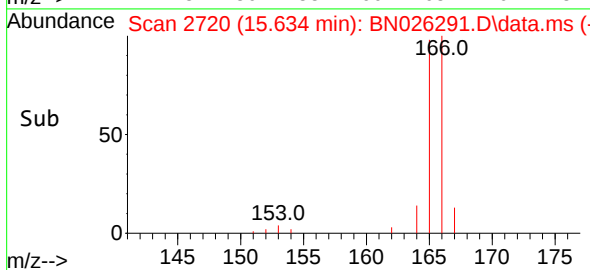
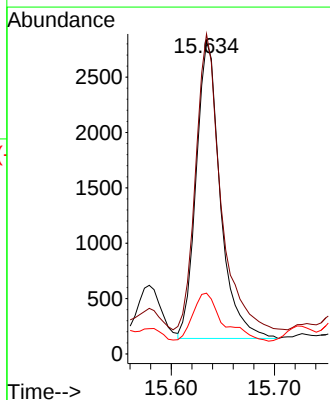
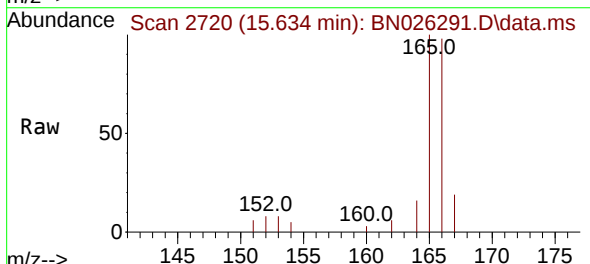
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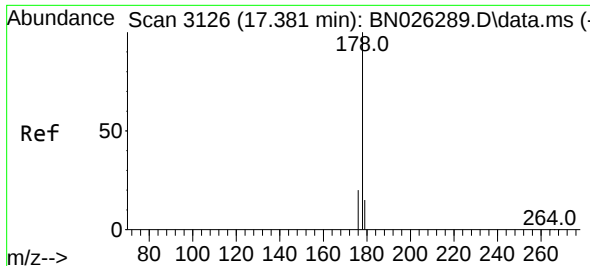
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#12
Fluorene
Concen: 0.082 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

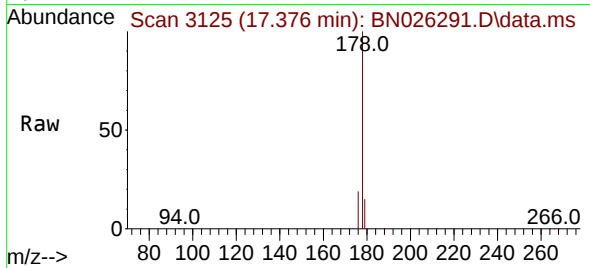
Tgt Ion:166 Resp: 4357
Ion Ratio Lower Upper
166 100
165 102.3 79.9 119.9
167 19.4 10.8 16.2#





#15
Phenanthrene
Concen: 1.958 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

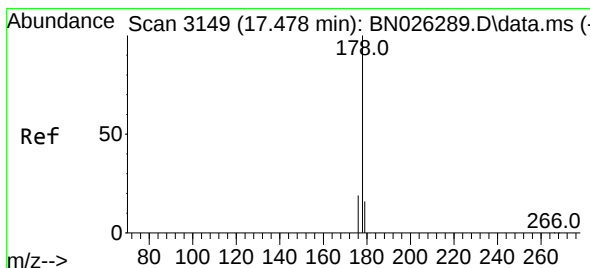
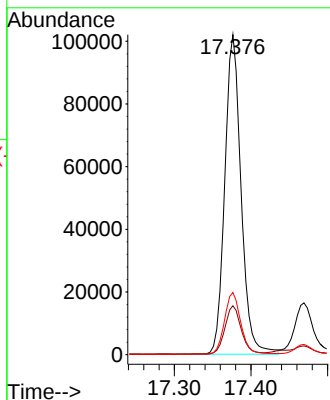
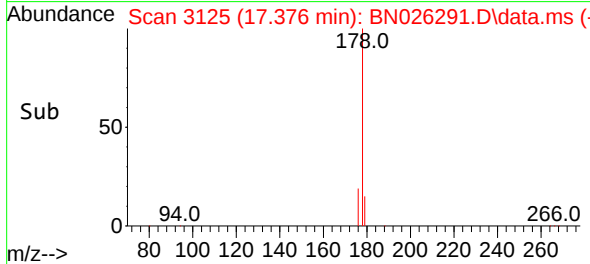
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



Tgt Ion:178 Resp: 150582
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.4 15.8 23.6

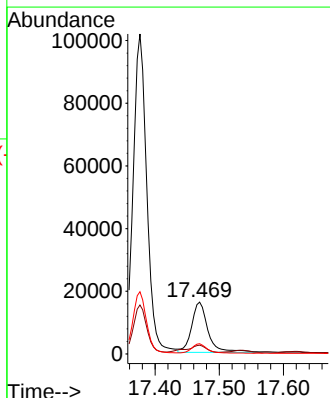
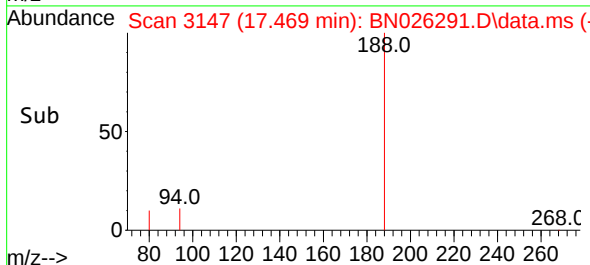
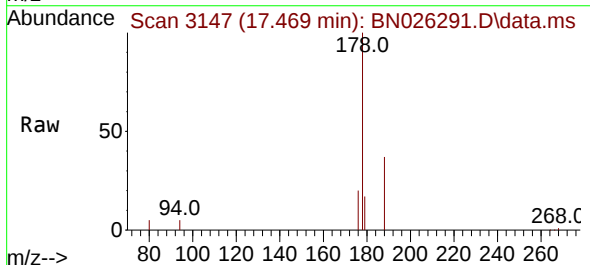
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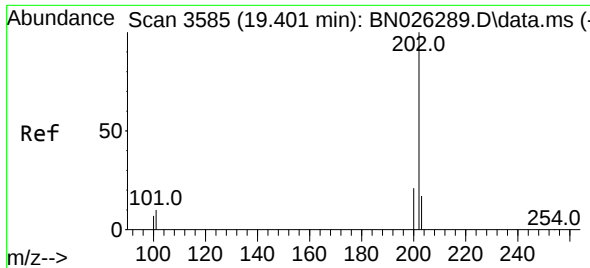
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

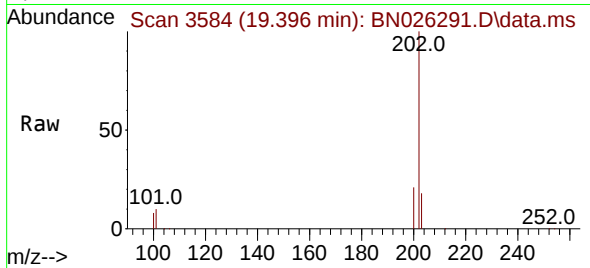
Tgt Ion:178 Resp: 28350
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 5.311 ng/ul
RT: 19.396 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

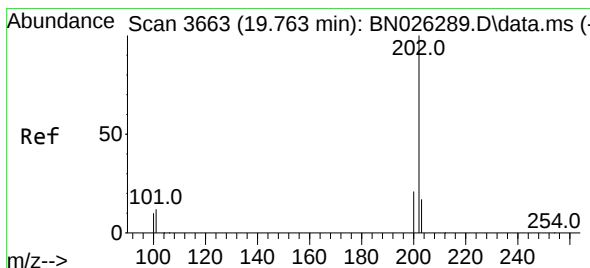
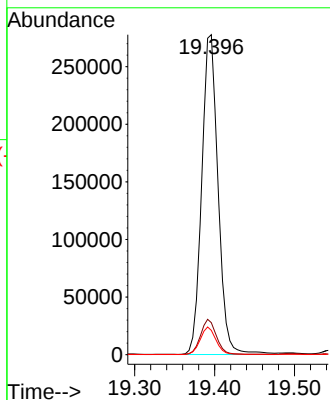
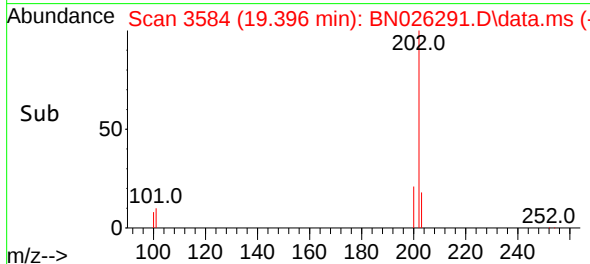
Instrument :
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ClientSampleId :
DCGK8DL



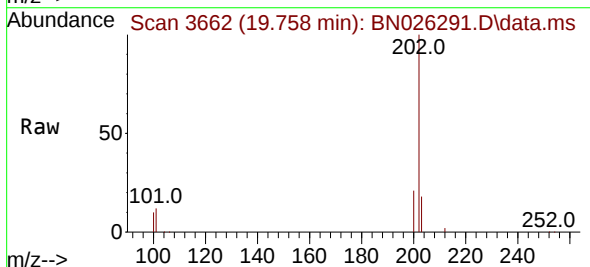
Tgt Ion:202 Resp: 39367
Ion Ratio Lower Upper
202 100
101 10.0 9.5 14.3
100 7.6 7.3 10.9

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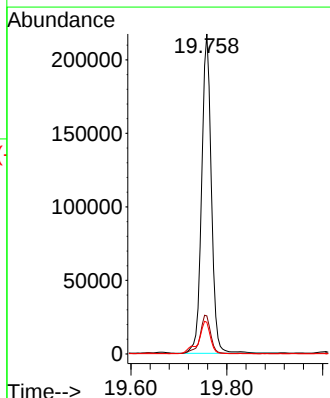
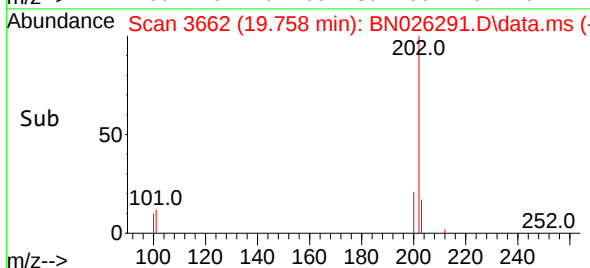
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

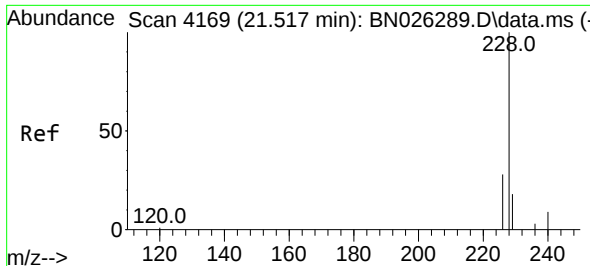


#20
Pyrene
Concen: 3.948 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18



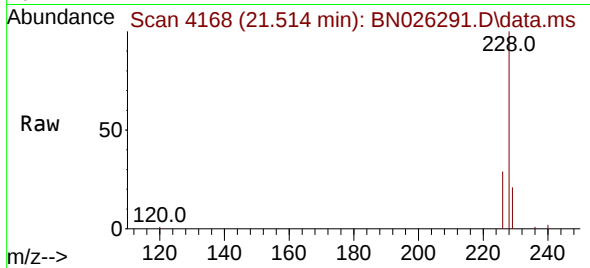
Tgt Ion:202 Resp: 304379
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.194 ng/ul
RT: 21.514 min Scan# 4169
Delta R.T. -0.001 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

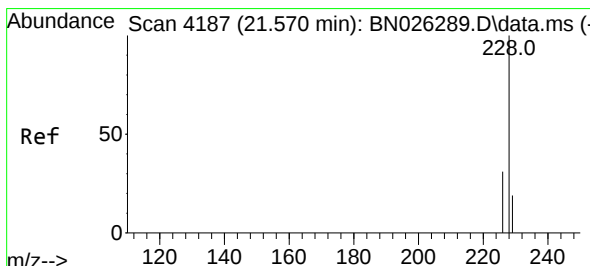
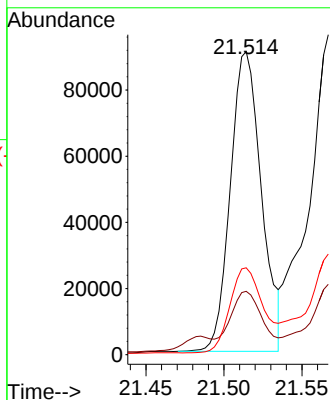
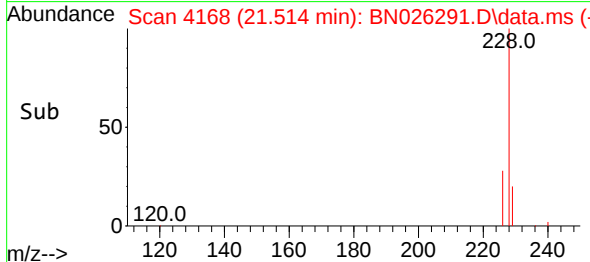
Instrument :
BNA_N
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DCGK8DL



Tgt Ion:228 Resp: 125600
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.7 22.5 33.7

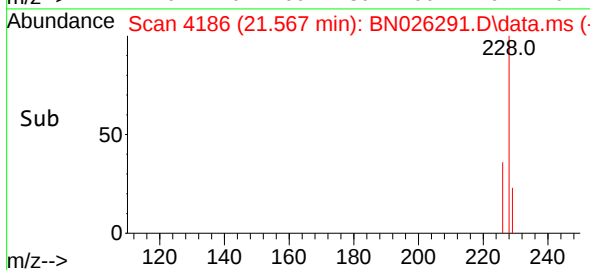
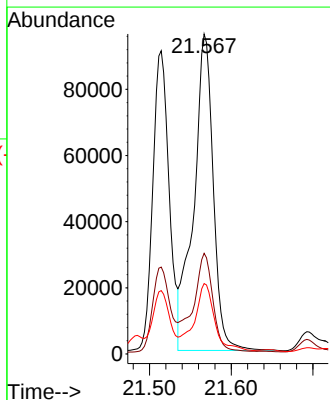
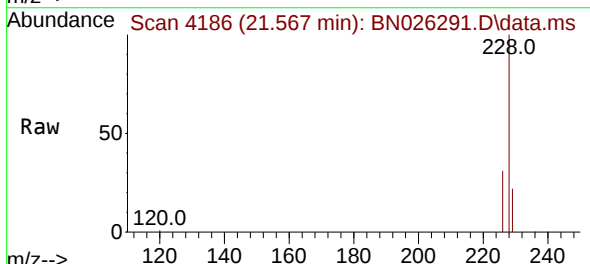
Manual Integrations
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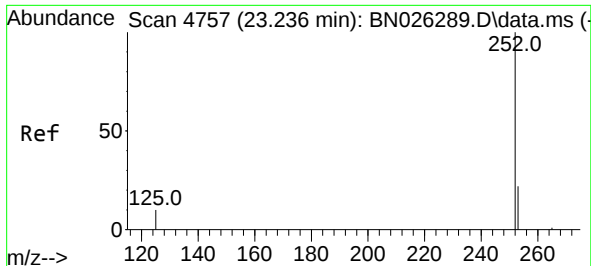
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 2.679 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

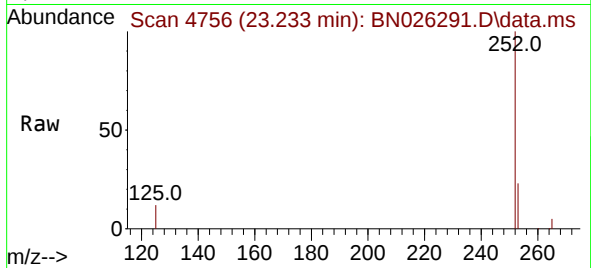
Tgt Ion:228 Resp: 159582
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.775 ng/ul m
RT: 23.233 min Scan# 4756
Delta R.T. -0.013 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

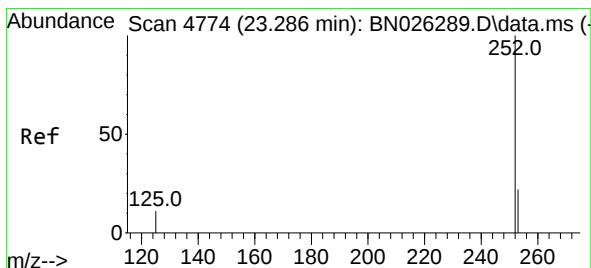
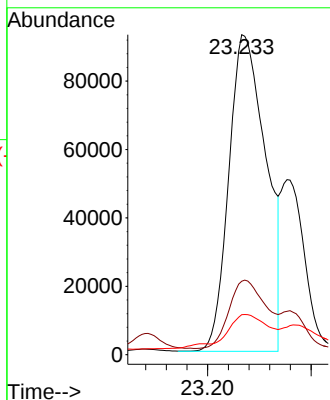
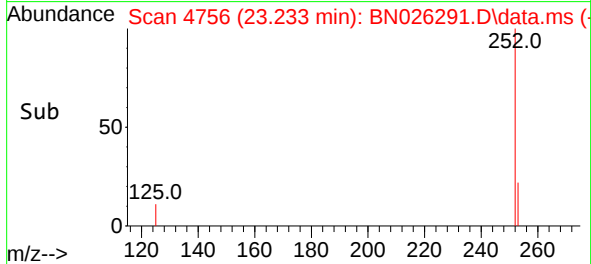
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



Tgt Ion:252 Resp: 230738
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 12.5 0.0 35.8

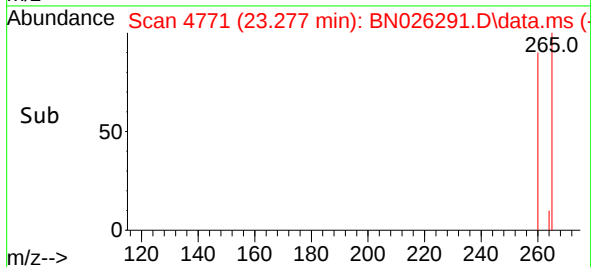
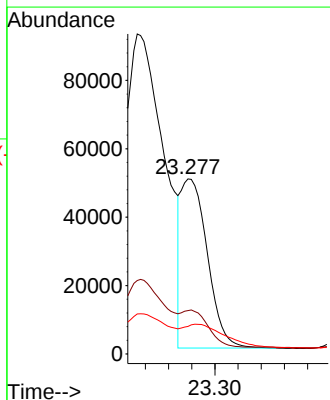
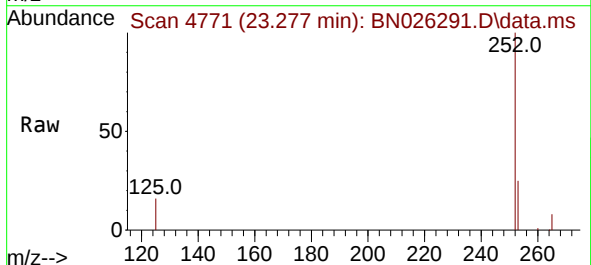
Manual Integrations
APPROVED

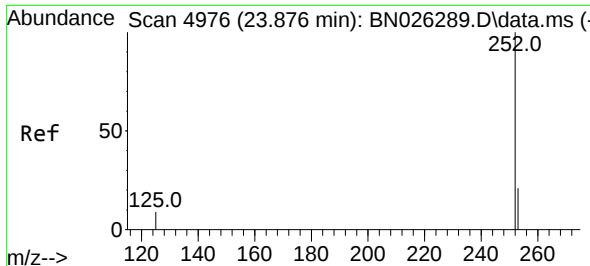
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 1.274 ng/ul m
RT: 23.277 min Scan# 4771
Delta R.T. -0.015 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

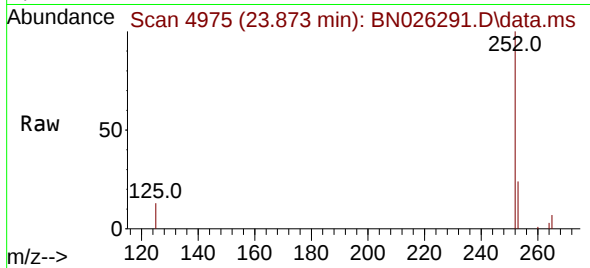
Tgt Ion:252 Resp: 78185
Ion Ratio Lower Upper
252 100
253 24.8 23.2 34.8
125 15.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.645 ng/ul
RT: 23.873 min Scan# 4976
Delta R.T. -0.015 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

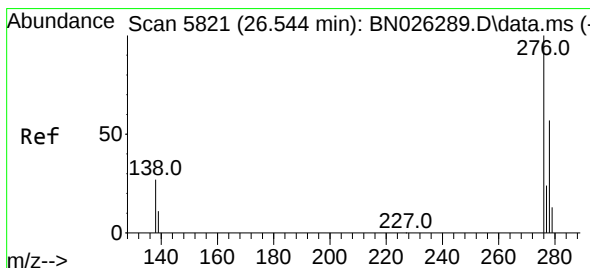
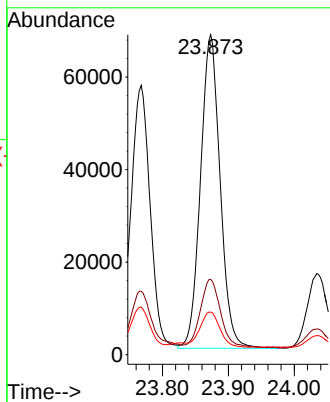
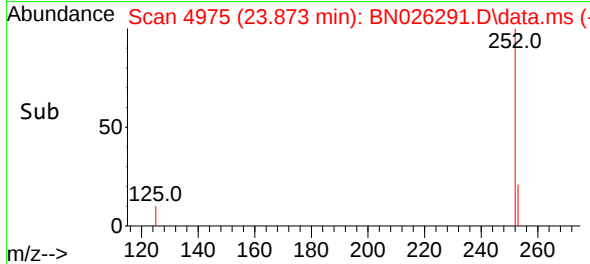
Instrument :
BNA_N
ClientSampleId :
DCGK8DL



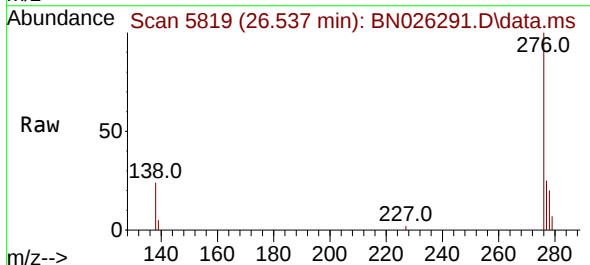
Tgt Ion:252 Resp: 14041
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 13.3 17.3 25.9#

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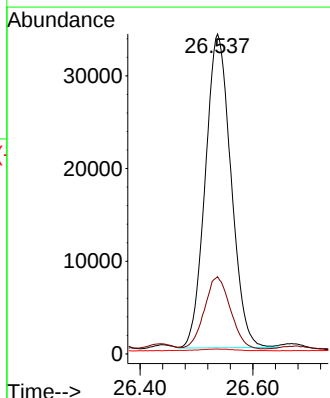
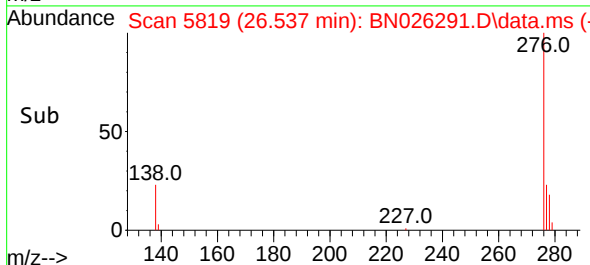
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

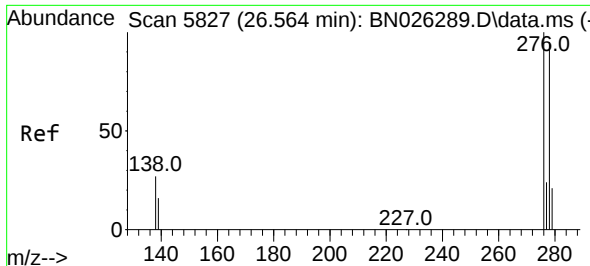


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.846 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.044 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18



Tgt Ion:276 Resp: 107004
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.7 0.0 0.0#





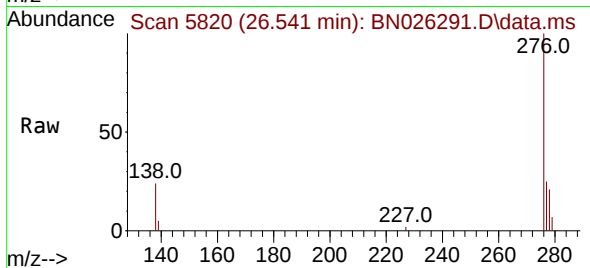
#28
Dibenzo(a,h)anthracene
Concen: 0.579 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.054 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18

Instrument :

BNA_N

ClientSampleId :

DCGK8DL

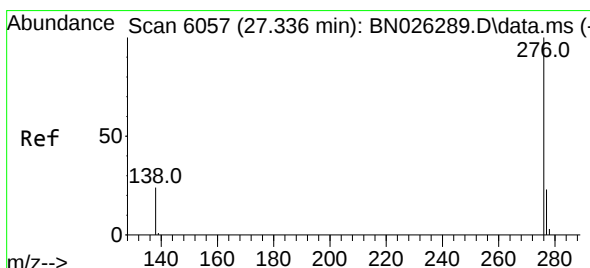
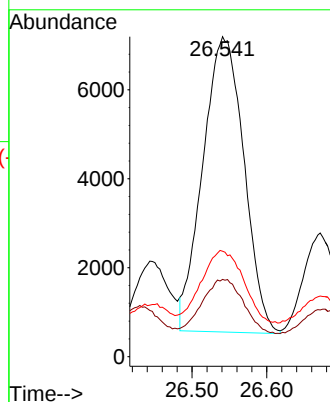
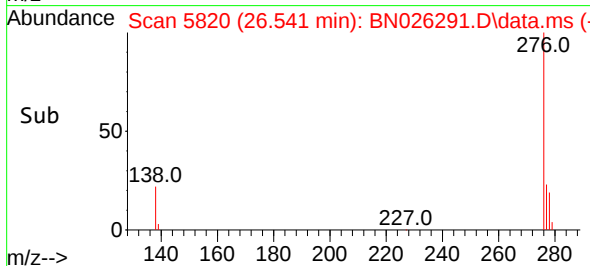


Tgt Ion:278 Resp: 2541
Ion Ratio Lower Upper
278 100
139 24.2 19.0 28.4
279 32.9 26.7 40.1

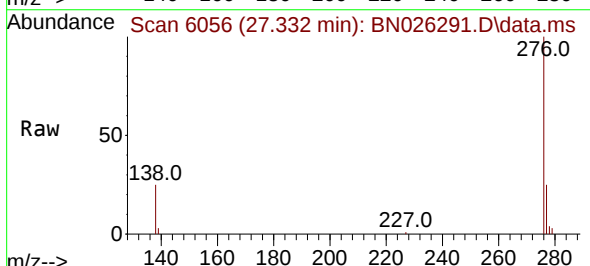
Manual Integrations

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



#29
Benzo(g,h,i)perylene
Concen: 1.858 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. -0.048 min
Lab File: BN026291.D
Acq: 05 Jul 2023 14:18



Tgt Ion:276 Resp: 95851
Ion Ratio Lower Upper
276 100
138 24.6 23.4 35.0
277 24.9 20.0 30.0

