

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026329.D
 Acq On : 06 Jul 2023 14:25
 Operator : MA/JU
 Sample : 03248-13DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 18:17:56 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	24369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	14069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	27803	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	15943	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	15737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	7307	0.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	2688	0.072	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	5289	0.087	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.798	128	23084	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.414	142	8123	0.183	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	6510	0.141	ng/ul	100
10) Acenaphthylene	14.303	152	22374	0.340	ng/ul	99
11) Acenaphthene	14.640	153	14221	0.264	ng/ul	100
12) Fluorene	15.630	166	11781	0.191	ng/ul#	99
15) Phenanthrene	17.369	178	279955	3.048	ng/ul	100
16) Anthracene	17.462	178	58536	0.717	ng/ul	99
19) Fluoranthene	19.392	202	654031	7.681	ng/ul	96
20) Pyrene	19.755	202	500888	5.655	ng/ul	96
21) Benzo(a)anthracene	21.512	228	224164	3.408	ng/ul	99
22) Chrysene	21.568	228	248090	3.625	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	355406m	5.291	ng/ul	
25) Benzo(k)fluoranthene	23.284	252	119043m	1.765	ng/ul	
26) Benzo(a)pyrene	23.892	252	221234	3.792	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.582	276	174383	2.737	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.585	278	42070	0.872	ng/ul	97
29) Benzo(g,h,i)perylene	27.380	276	149481	2.637	ng/ul	94

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

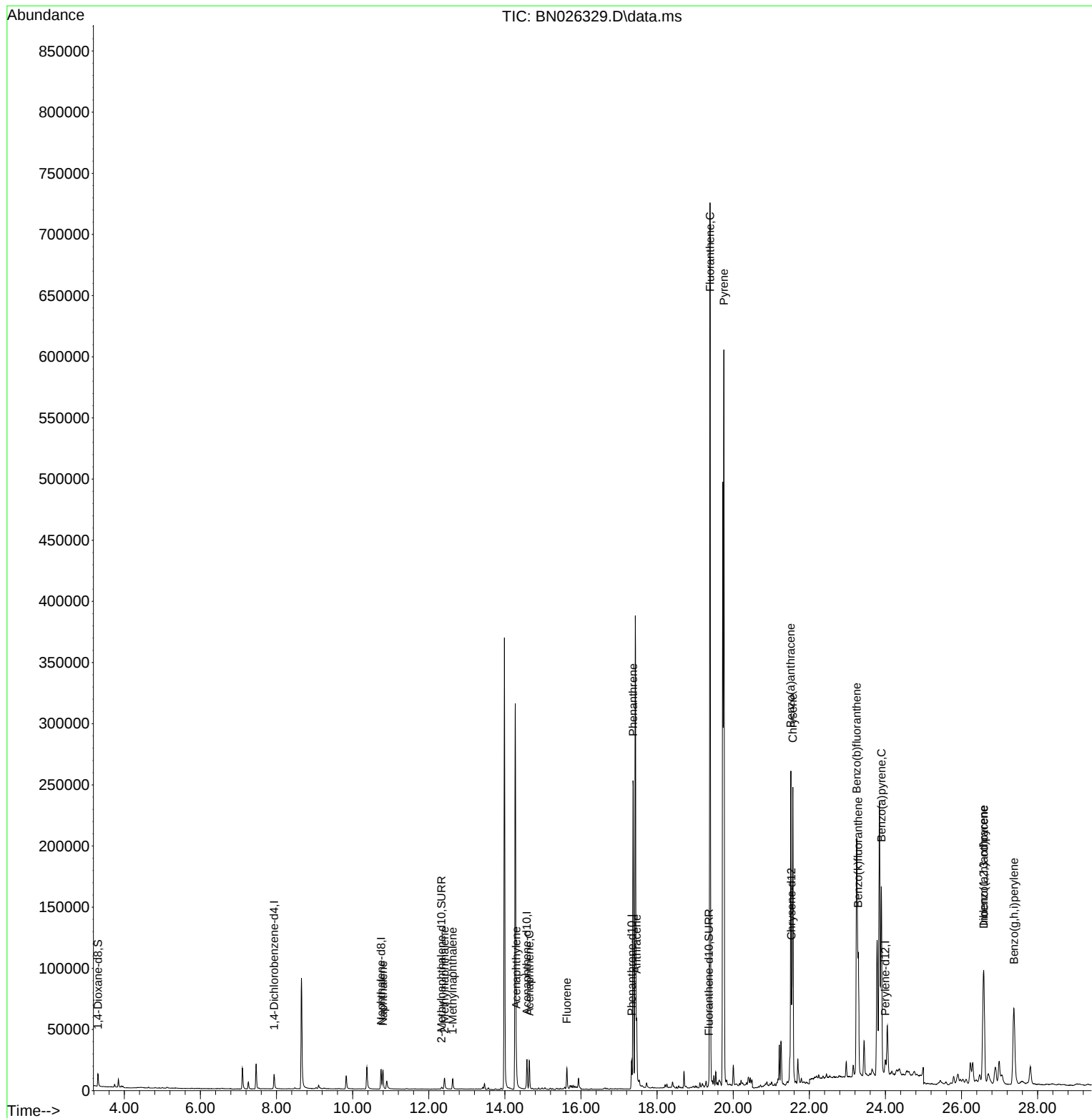
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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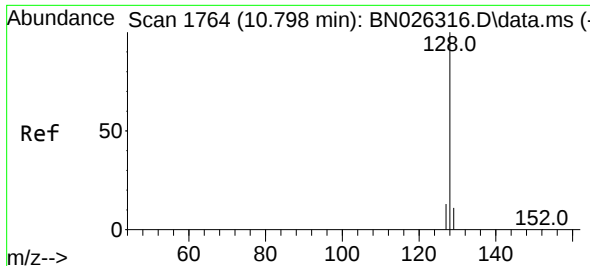
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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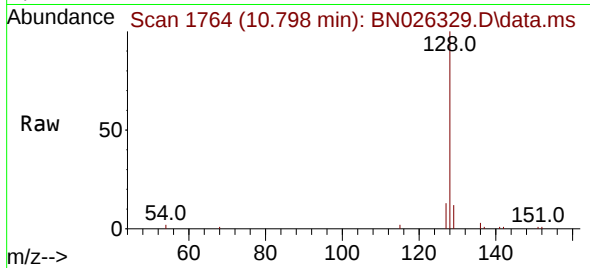
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

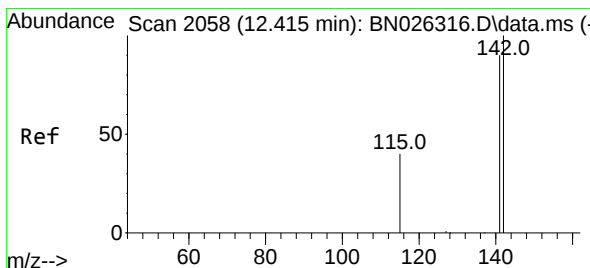
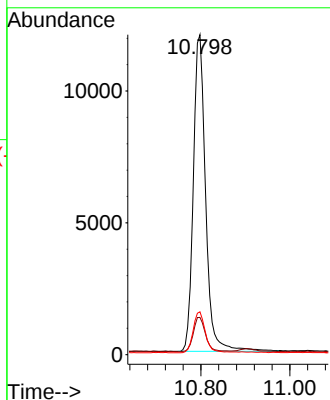
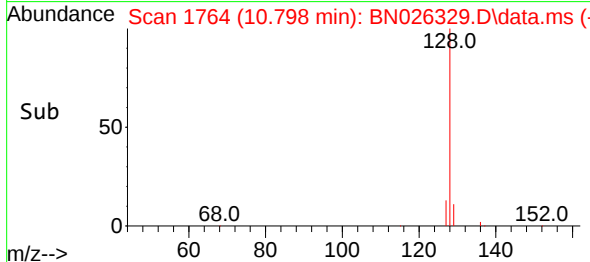
Instrument :
BNA_N
ClientSampleId :
DCGP1DL



Tgt Ion:128 Resp: 23084
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.7 16.1

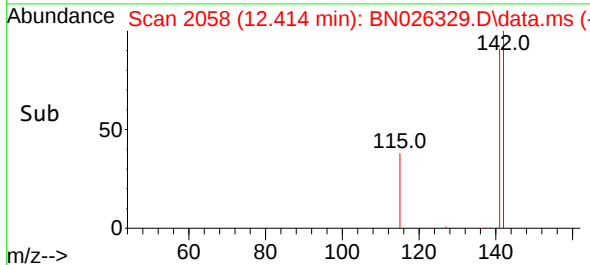
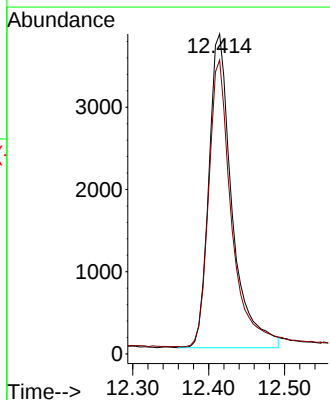
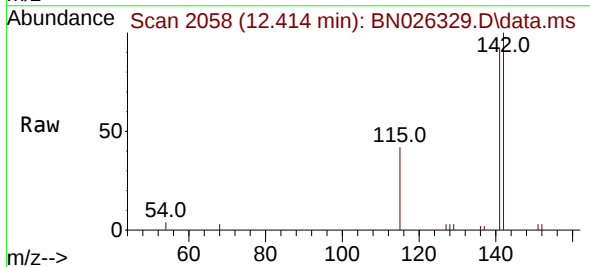
Manual Integrations
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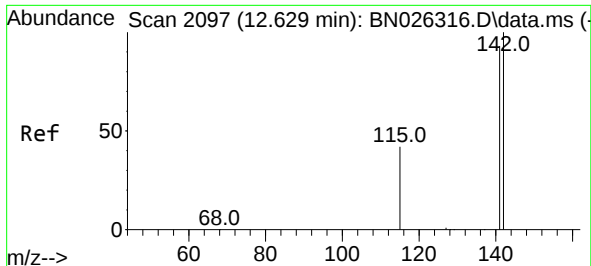
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

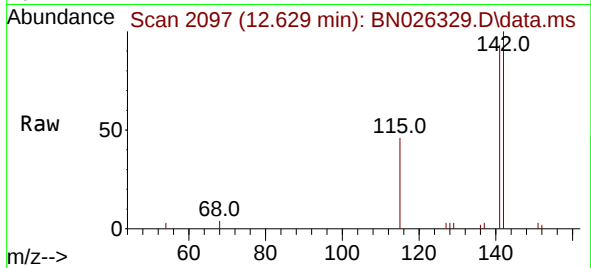
Tgt Ion:142 Resp: 8123
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

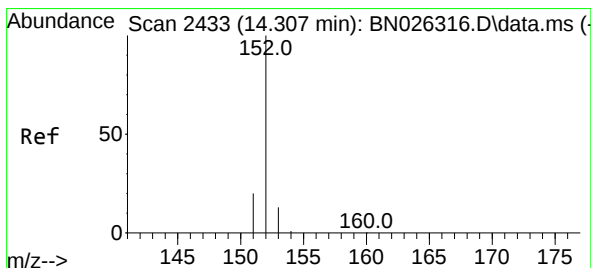
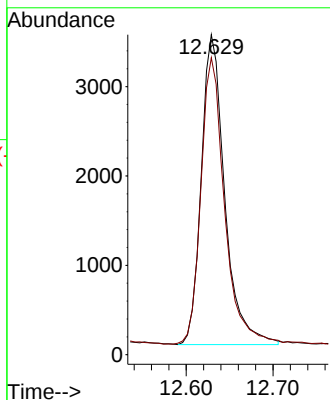
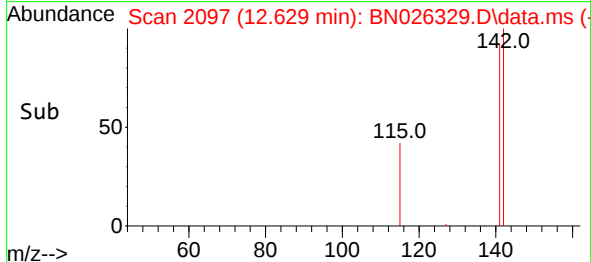
Instrument :
BNA_N
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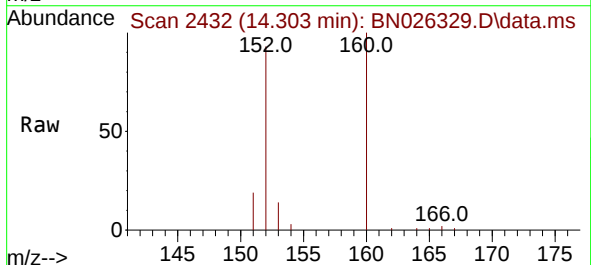
Tgt Ion:142 Resp: 6510
Ion Ratio Lower Upper
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141 93.0 74.2 111.4

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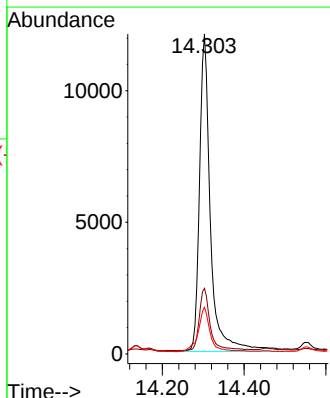
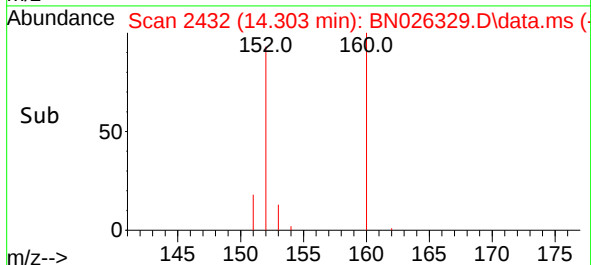
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

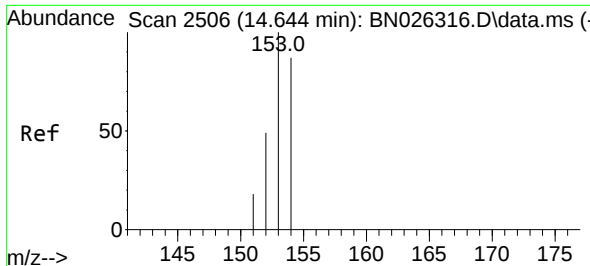


#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.303 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25



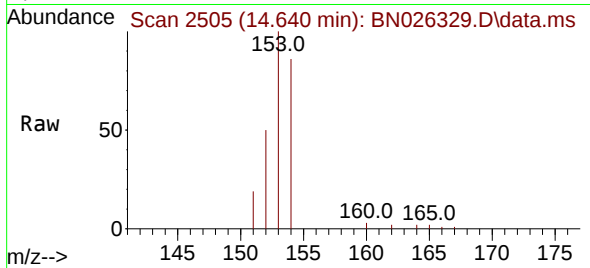
Tgt Ion:152 Resp: 22374
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.264 ng/ul
RT: 14.640 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

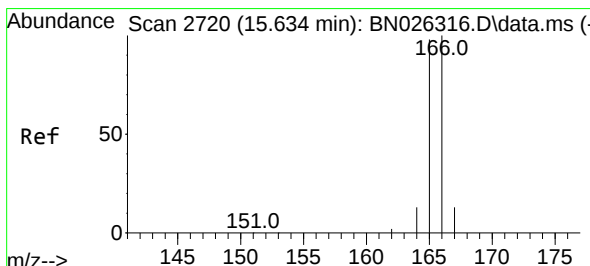
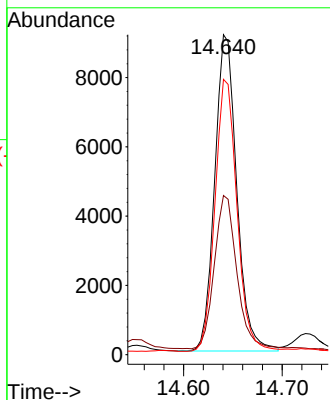
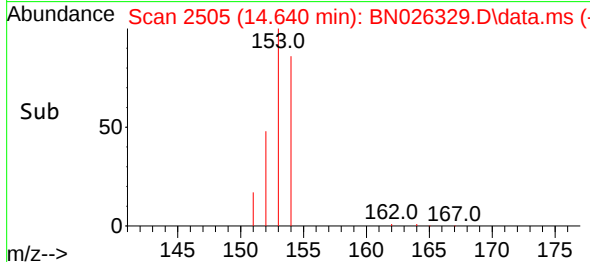
Instrument :
BNA_N
ClientSampleId :
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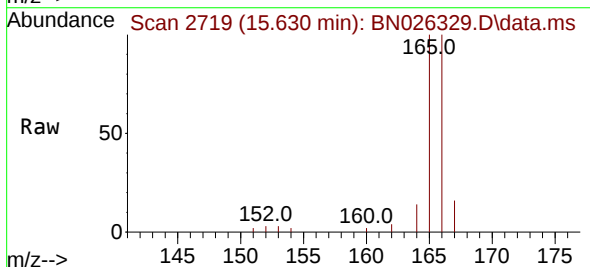
Tgt Ion:153 Resp: 1422
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 86.1 68.9 103.3

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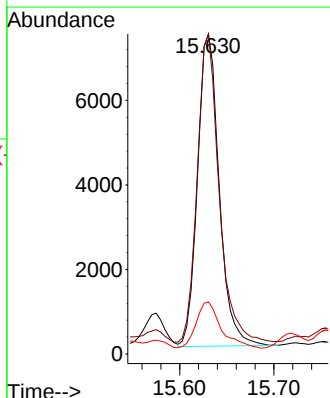
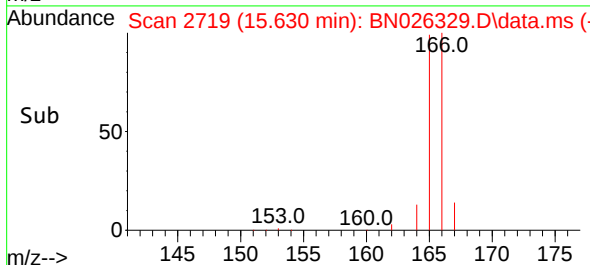
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

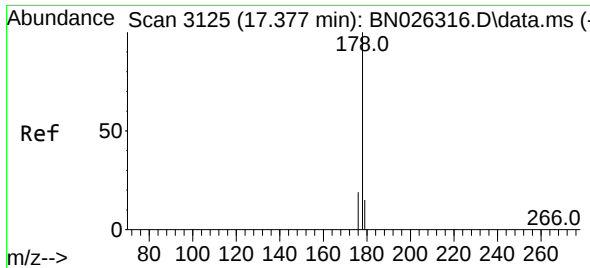


#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. -0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25



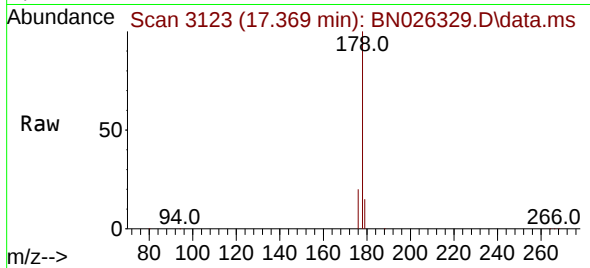
Tgt Ion:166 Resp: 11781
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 16.2 10.8 16.2#





#15
Phenanthrene
Concen: 3.048 ng/ul
RT: 17.369 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

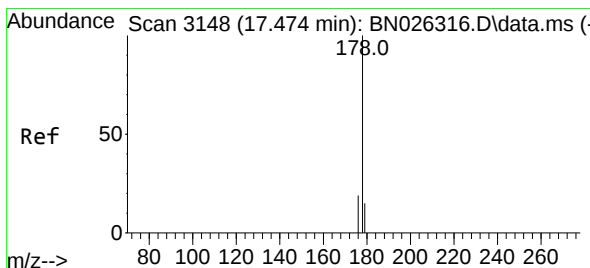
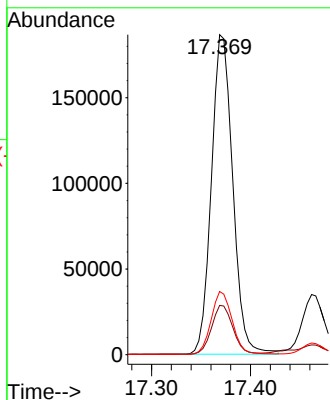
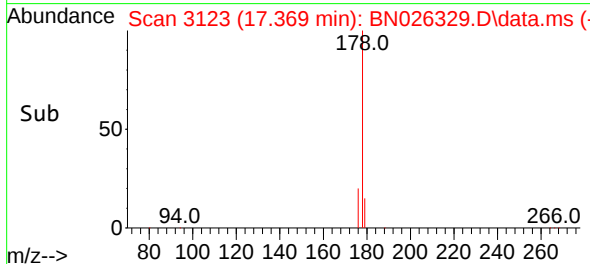
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ClientSampleId :
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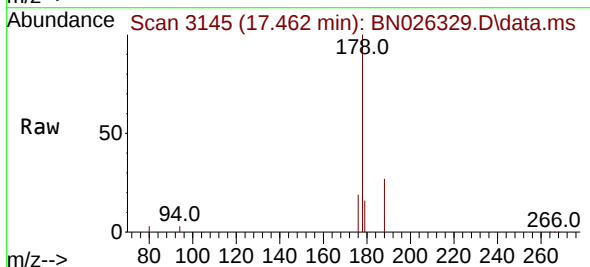
Tgt Ion:178 Resp: 279955
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.8 23.6

Manual Integrations
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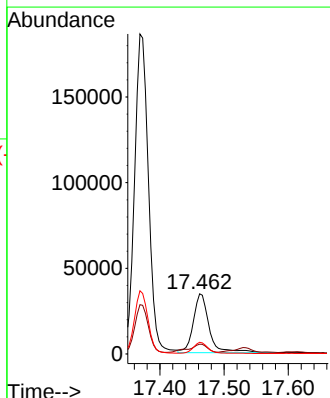
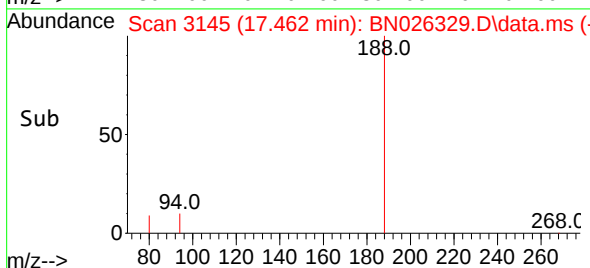
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

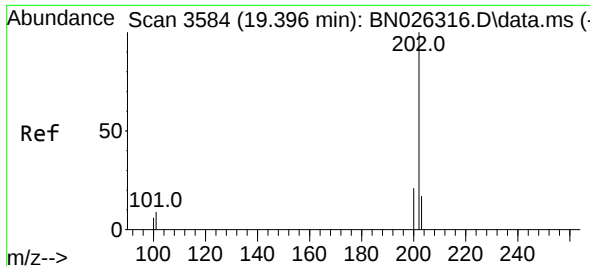


#16
Anthracene
Concen: 0.717 ng/ul
RT: 17.462 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25



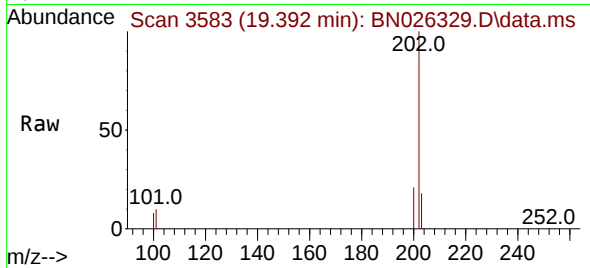
Tgt Ion:178 Resp: 58536
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 7.681 ng/ul
RT: 19.392 min Scan# 3583
Delta R.T. -0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

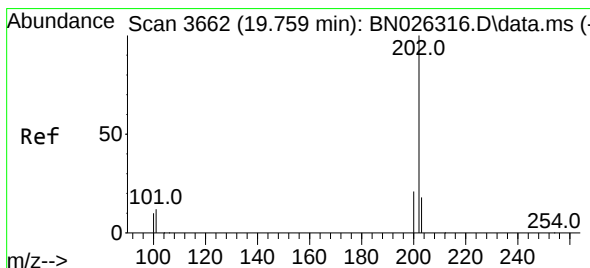
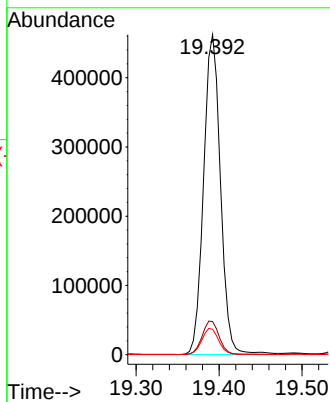
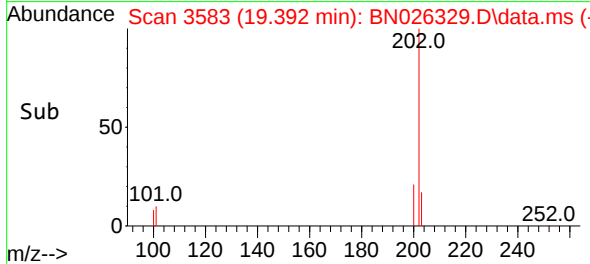
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ClientSampleId :
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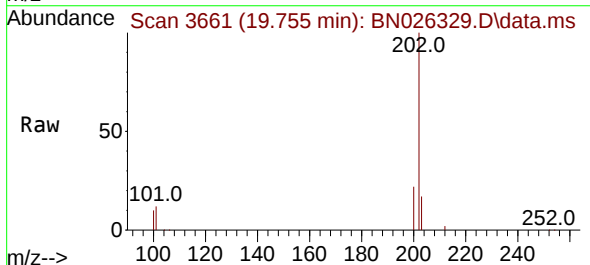
Tgt Ion:202 Resp: 65403
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.0 7.3 10.9

Manual Integrations
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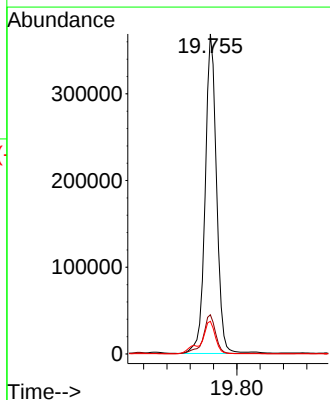
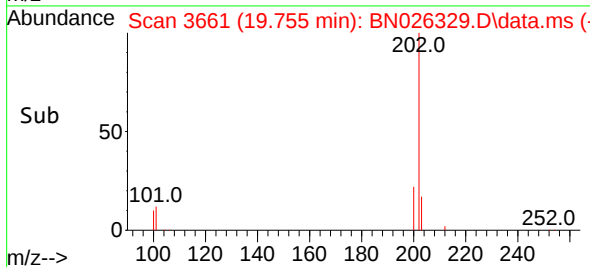
Reviewed By :Yogesh Patel 07/06/2023
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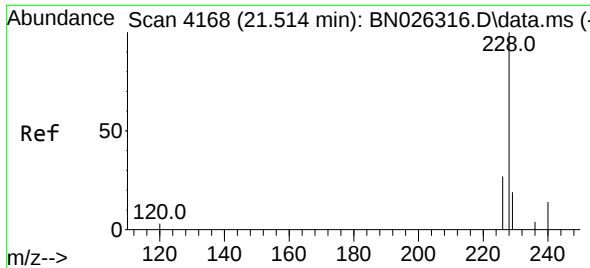


#20
Pyrene
Concen: 5.655 ng/ul
RT: 19.755 min Scan# 3661
Delta R.T. -0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25



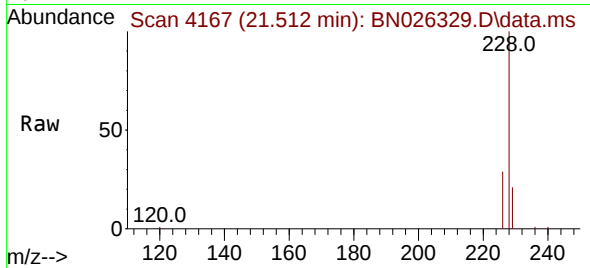
Tgt Ion:202 Resp: 500888
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.408 ng/u1
RT: 21.512 min Scan# 4167
Delta R.T. -0.002 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

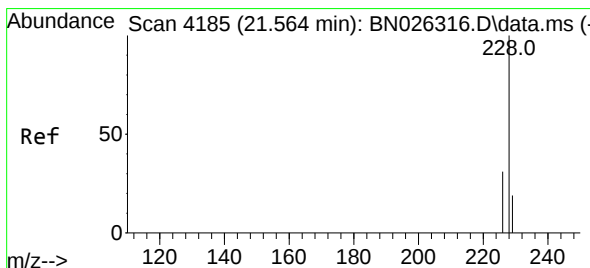
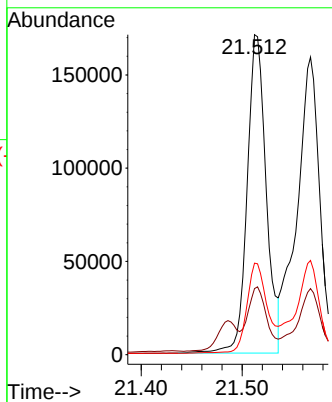
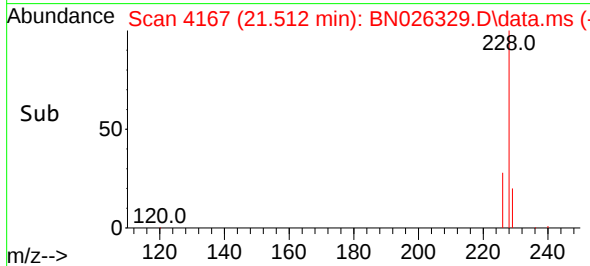
Instrument :
BNA_N
ClientSampleId :
DCGP1DL



Tgt Ion:228 Resp: 224164
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.6 22.5 33.7

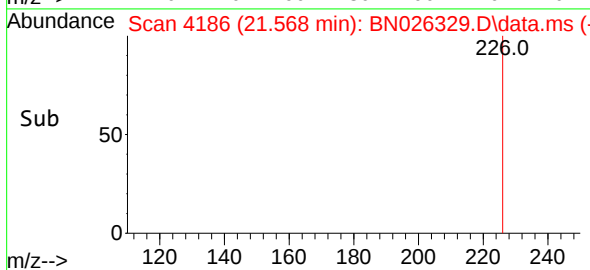
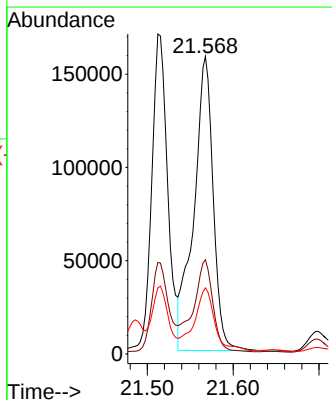
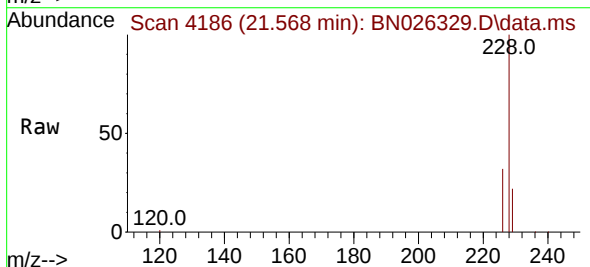
Manual Integrations
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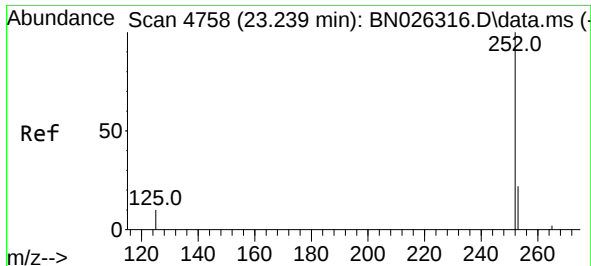
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 3.625 ng/u1
RT: 21.568 min Scan# 4186
Delta R.T. 0.004 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

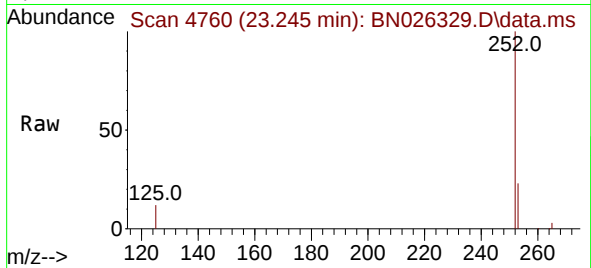
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Ion Ratio Lower Upper
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226 31.7 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.291 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. 0.007 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

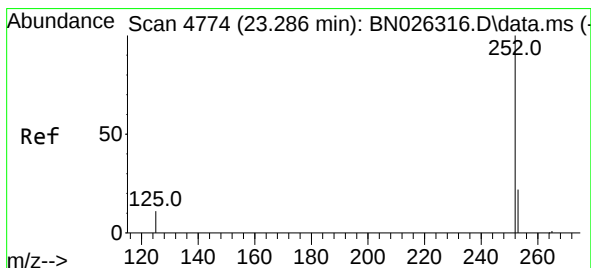
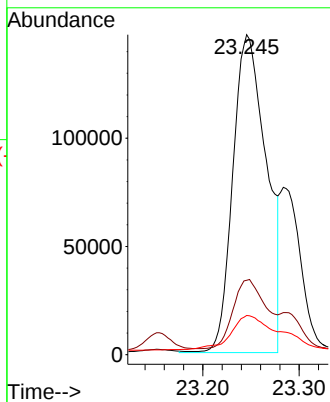
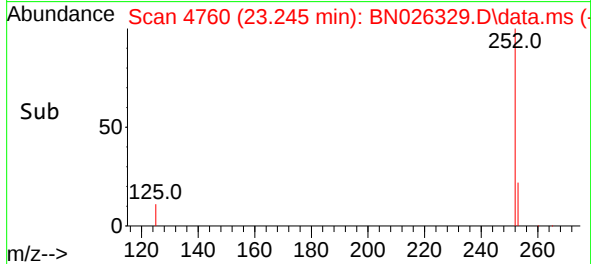
Instrument :
BNA_N
ClientSampleId :
DCGP1DL



Tgt Ion:252 Resp: 355400
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 12.2 0.0 35.8

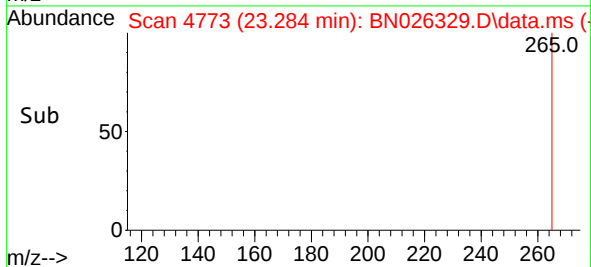
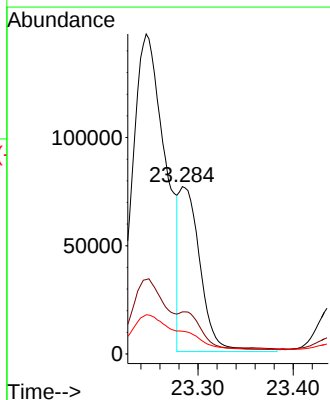
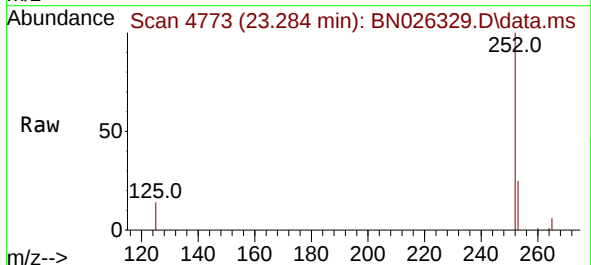
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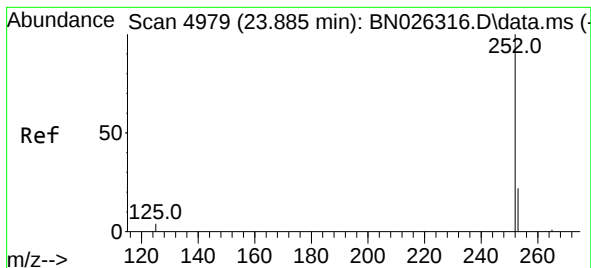
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 1.765 ng/ul m
RT: 23.284 min Scan# 4773
Delta R.T. -0.002 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

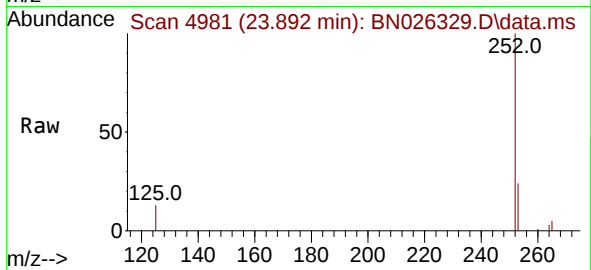
Tgt Ion:252 Resp: 119043
Ion Ratio Lower Upper
252 100
253 25.1 23.2 34.8
125 13.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 3.792 ng/ul
RT: 23.892 min Scan# 4981
Delta R.T. 0.007 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

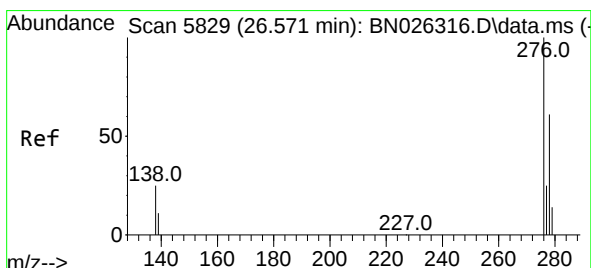
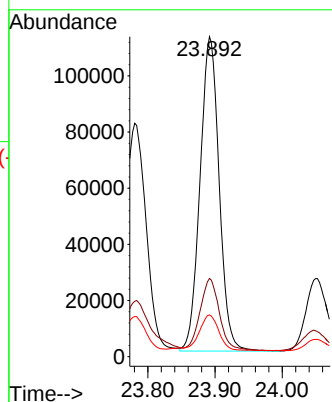
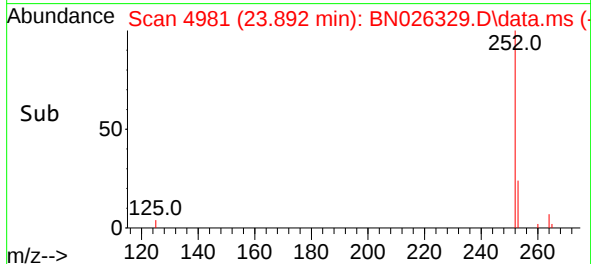
Instrument :
BNA_N
ClientSampleId :
DCGP1DL



Tgt Ion:252 Resp: 221234
Ion Ratio Lower Upper
252 100
253 24.5 26.0 39.0#
125 13.1 17.3 25.9#

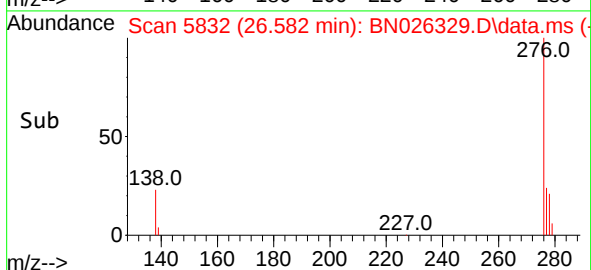
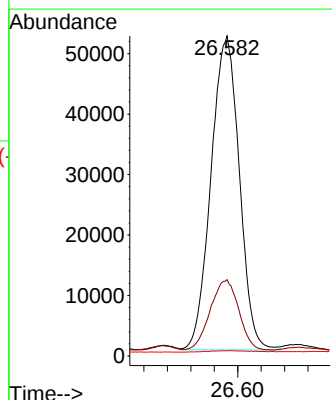
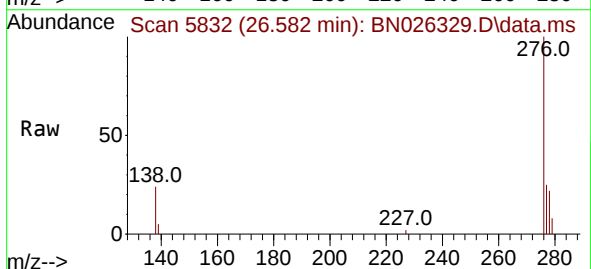
Manual Integrations
APPROVED

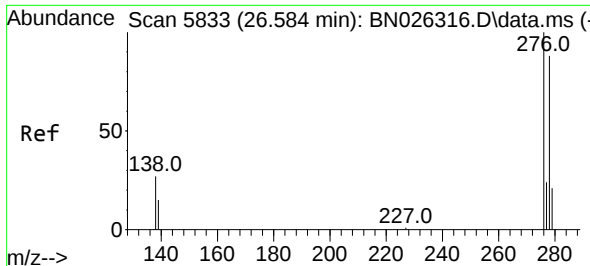
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.737 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. 0.011 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

Tgt Ion:276 Resp: 174383
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.8 0.0 0.0#





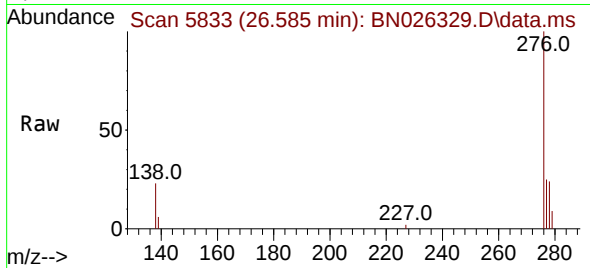
#28
Dibenzo(a,h)anthracene
Concen: 0.872 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. 0.001 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25

Instrument :

BNA_N

ClientSampleId :

DCGP1DL

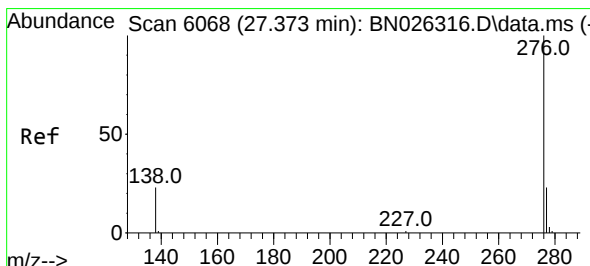
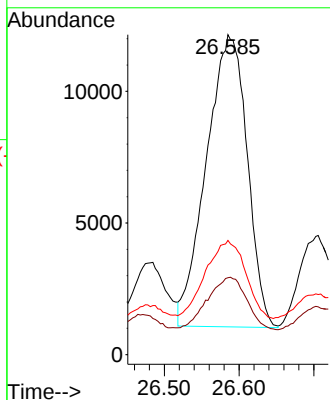
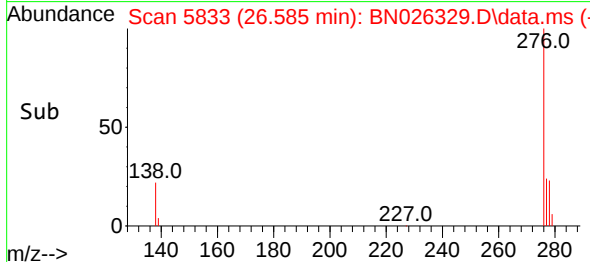


Tgt Ion:278 Resp: 42070
Ion Ratio Lower Upper
278 100
139 24.1 19.0 28.4
279 35.7 26.7 40.1

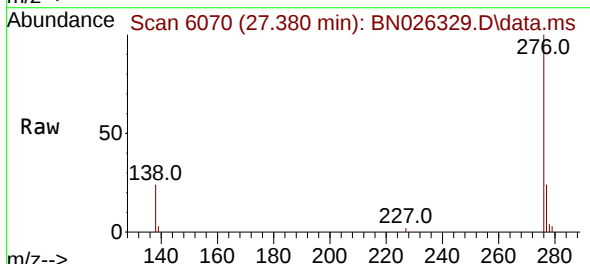
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 2.637 ng/ul
RT: 27.380 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BN026329.D
Acq: 06 Jul 2023 14:25



Tgt Ion:276 Resp: 149481
Ion Ratio Lower Upper
276 100
138 23.8 23.4 35.0
277 24.5 20.0 30.0

