

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026284.D
 Acq On : 05 Jul 2023 09:52
 Operator : MA/JU
 Sample : 03353-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 11:12:11 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	6586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	20506	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	10981	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	18994	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	11695	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	12722	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	6539	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1699	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	2646	0.059	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	6456	0.110	ng/ul#	96
7) 2-Methylnaphthalene	12.420	142	3076	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.635	142	1901	0.049	ng/ul	100
10) Acenaphthylene	14.307	152	8318	0.162	ng/ul	96
11) Acenaphthene	14.650	153	1455	0.035	ng/ul	95
12) Fluorene	15.635	166	1600	0.033	ng/ul#	92
15) Phenanthrene	17.377	178	44897	0.716	ng/ul	100
16) Anthracene	17.470	178	9892	0.177	ng/ul#	95
19) Fluoranthene	19.397	202	127684	2.044	ng/ul	96
20) Pyrene	19.759	202	111909	1.722	ng/ul	96
21) Benzo(a)anthracene	21.515	228	58650	1.216	ng/ul	97
22) Chrysene	21.571	228	73600	1.466	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	99791m	1.838	ng/ul	
25) Benzo(k)fluoranthene	23.287	252	29526m	0.541	ng/ul	
26) Benzo(a)pyrene	23.886	252	69843	1.481	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.572	276	50322	0.977	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.575	278	13475	0.346	ng/ul#	84
29) Benzo(g,h,i)perylene	27.363	276	51470	1.123	ng/ul	96

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

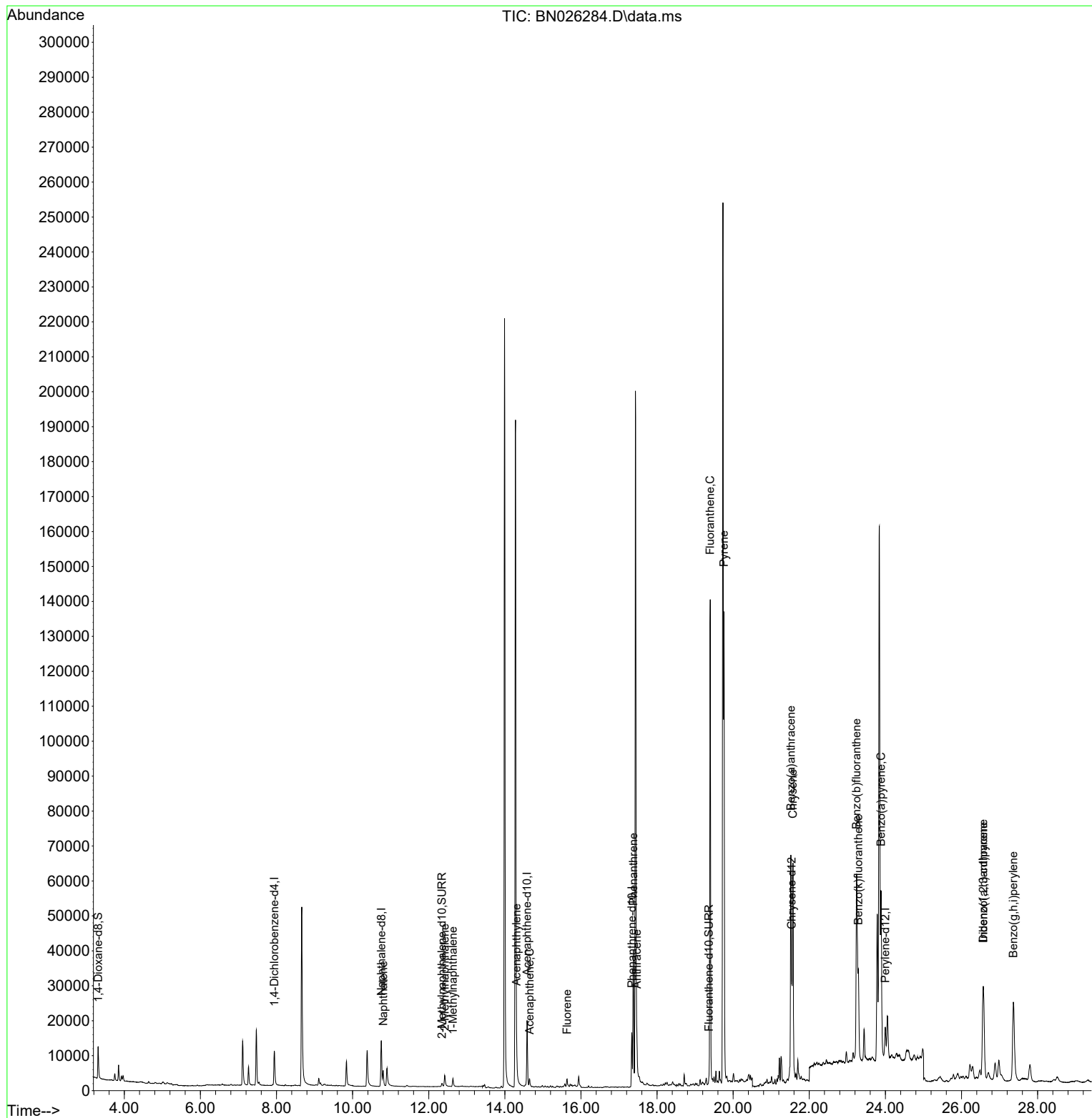
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026284.D
Acq On : 05 Jul 2023 09:52
Operator : MA/JU
Sample : 03353-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

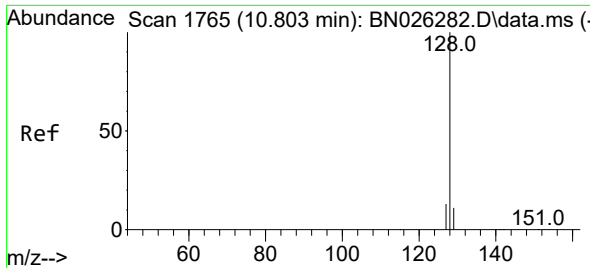
Instrument :
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ClientSampleId :
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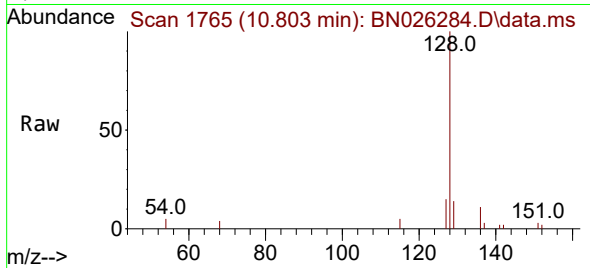
Quant Time: Jul 05 11:12:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

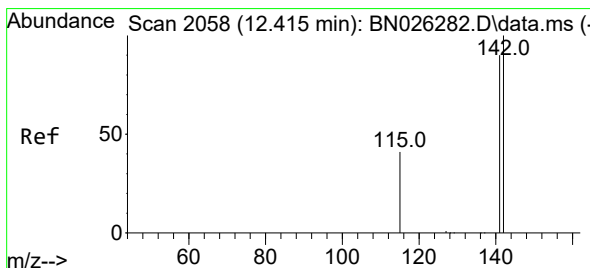
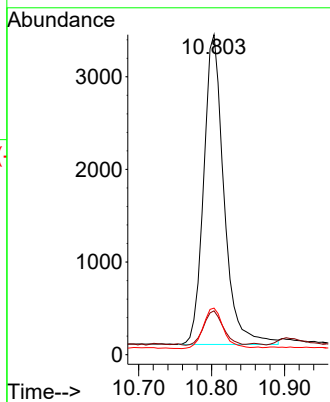
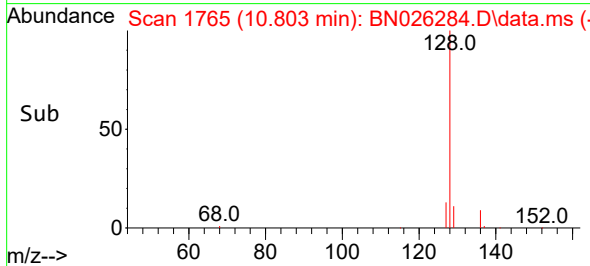
Instrument :
BNA_N
ClientSampleId :
DCGK3DL



Tgt Ion:128 Resp: 6450
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7
127 14.6 10.7 16.1

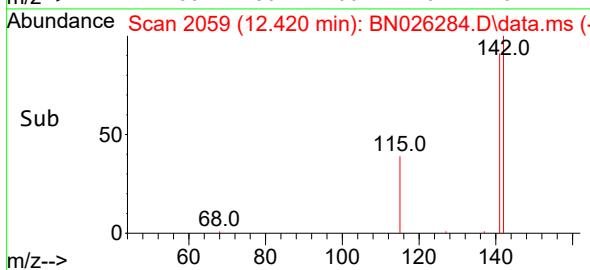
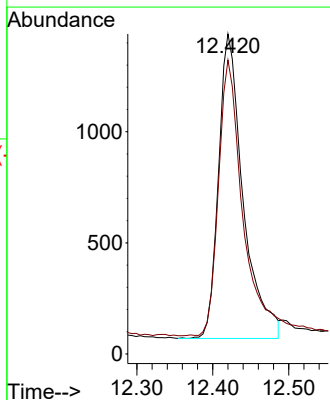
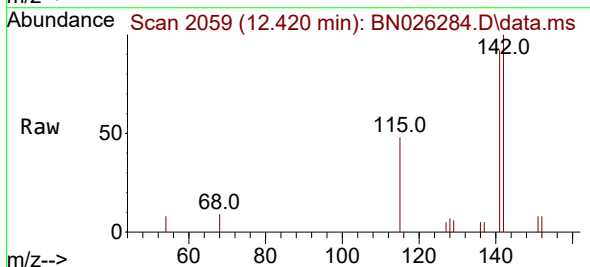
Manual Integrations
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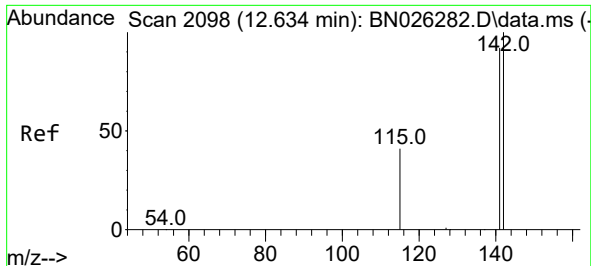
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

Tgt Ion:142 Resp: 3076
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





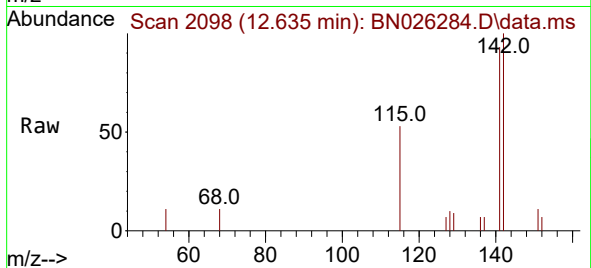
#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.635 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

Instrument :

BNA_N

ClientSampleId :

DCGK3DL

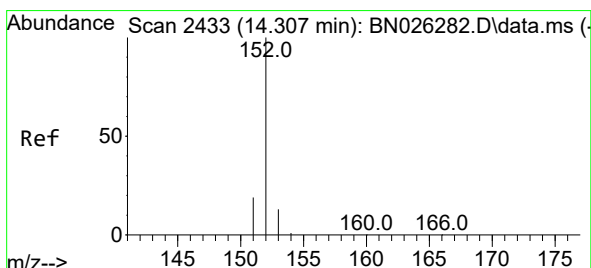
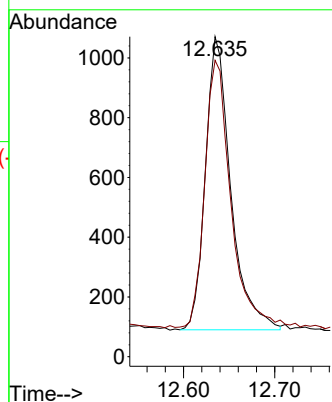
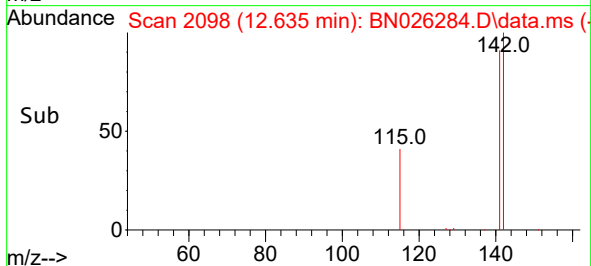


Tgt Ion:142 Resp: 190
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4

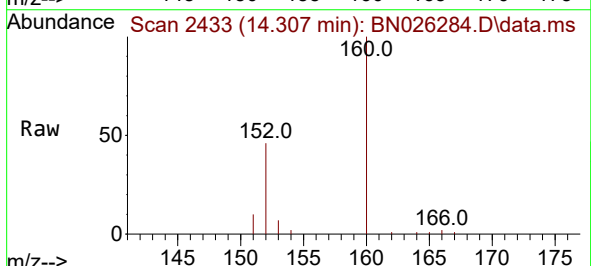
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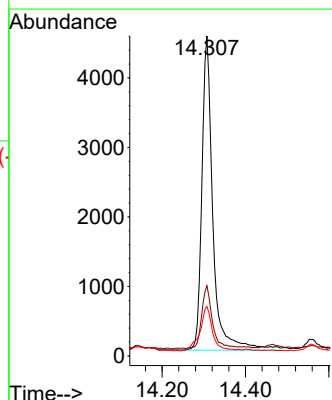
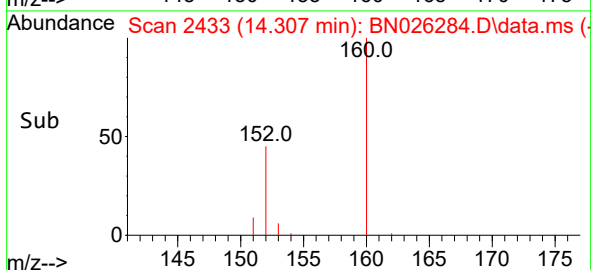
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

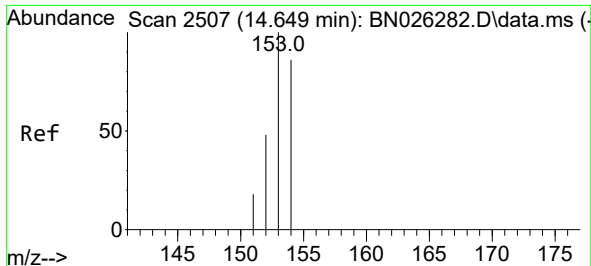


#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52



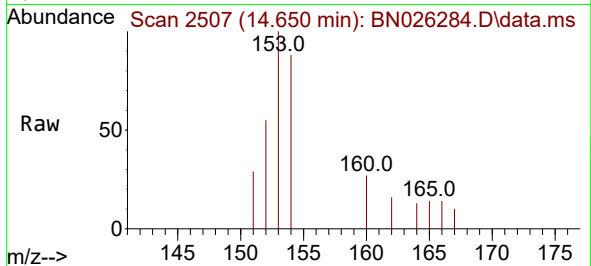
Tgt Ion:152 Resp: 8318
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.035 ng/uI
RT: 14.650 min Scan# 2507
Delta R.T. -0.004 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

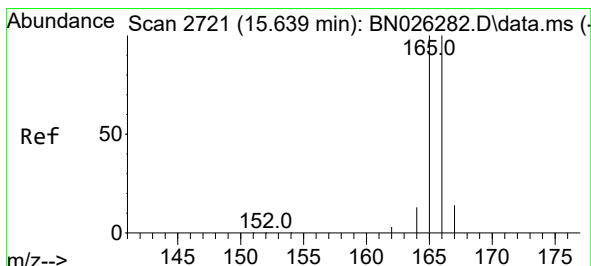
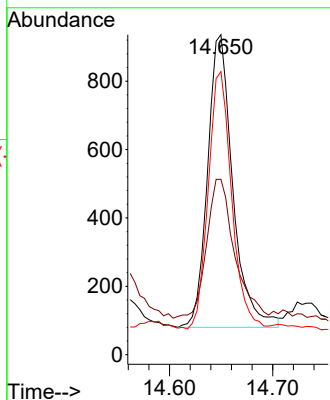
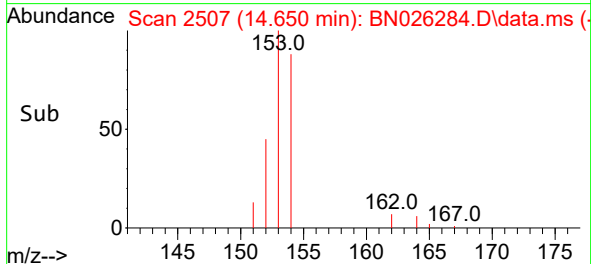
Instrument :
BNA_N
ClientSampleId :
DCGK3DL



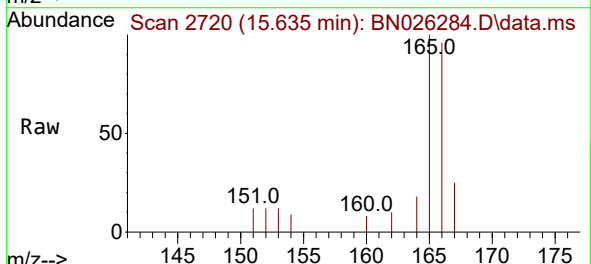
Tgt Ion:153 Resp: 145
Ion Ratio Lower Upper
153 100
152 54.8 39.4 59.0
154 88.5 68.9 103.3

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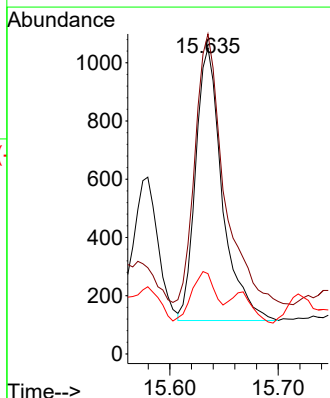
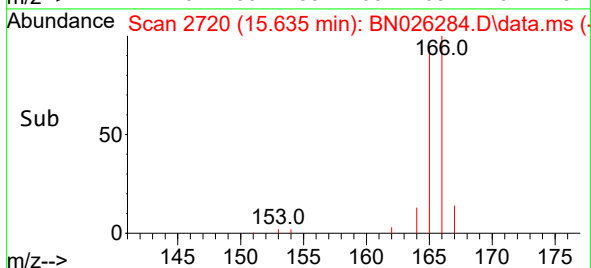
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

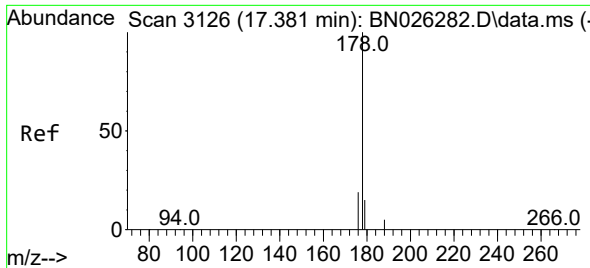


#12
Fluorene
Concen: 0.033 ng/uI
RT: 15.635 min Scan# 2720
Delta R.T. -0.009 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52



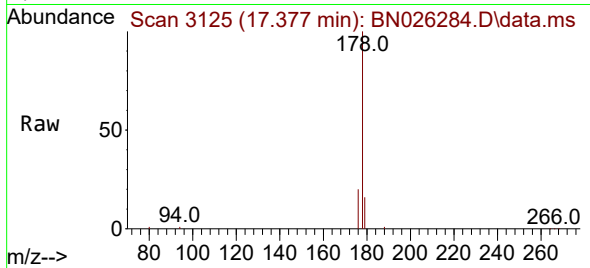
Tgt Ion:166 Resp: 1600
Ion Ratio Lower Upper
166 100
165 104.6 79.9 119.9
167 26.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.716 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

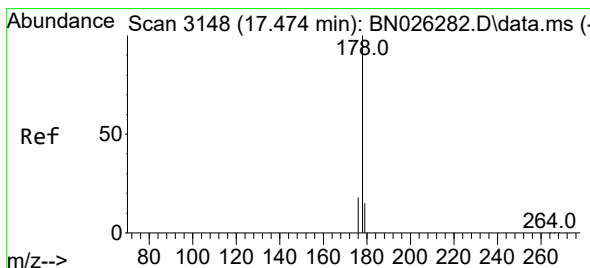
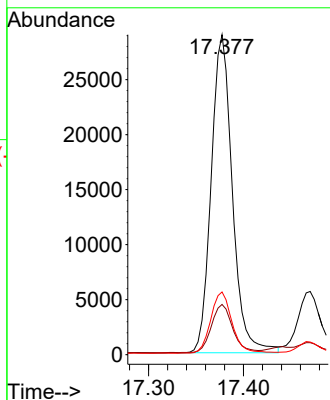
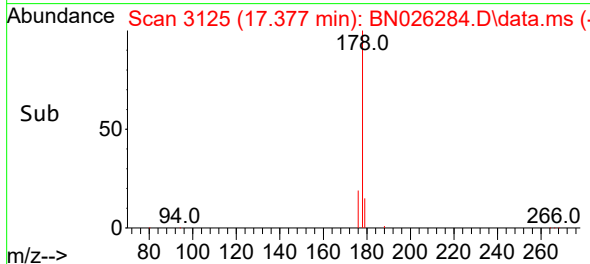
Instrument :
BNA_N
ClientSampleId :
DCGK3DL



Tgt Ion:178 Resp: 4489
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6

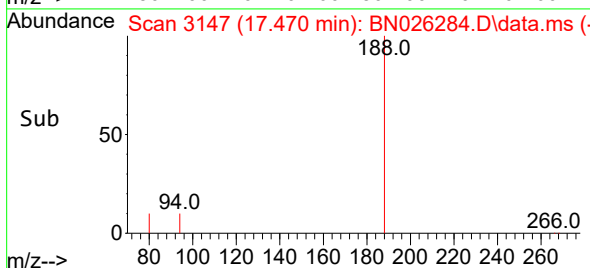
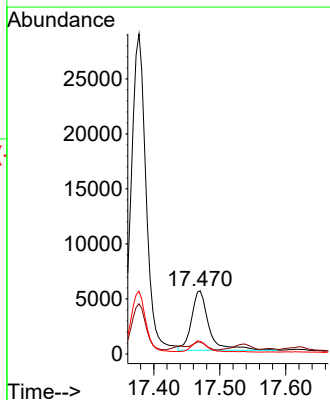
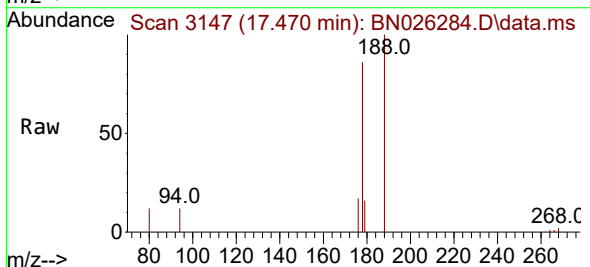
Manual Integrations
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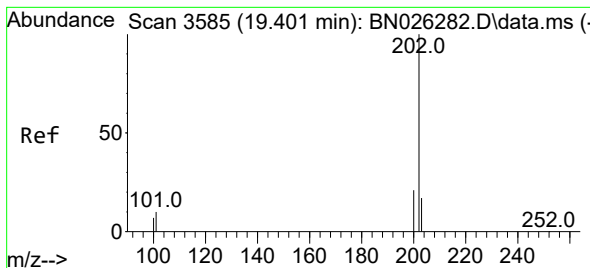
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

Tgt Ion:178 Resp: 9892
Ion Ratio Lower Upper
178 100
179 19.0 12.6 18.8#
176 20.0 15.1 22.7





#19

Fluoranthene

Concen: 2.044 ng/ul

RT: 19.397 min Scan# 3585

Delta R.T. -0.005 min

Lab File: BN026284.D

Acq: 05 Jul 2023 09:52

Instrument :

BNA_N

ClientSampleId :

DCGK3DL

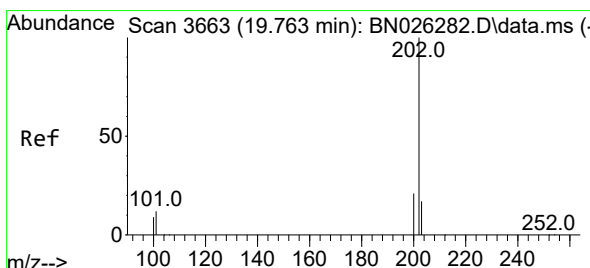
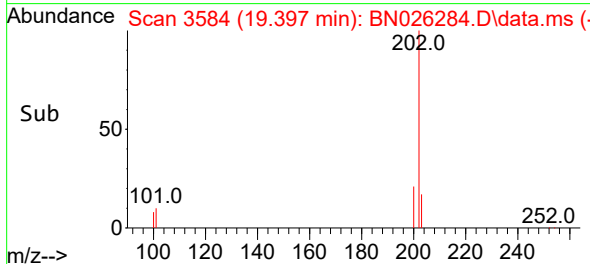
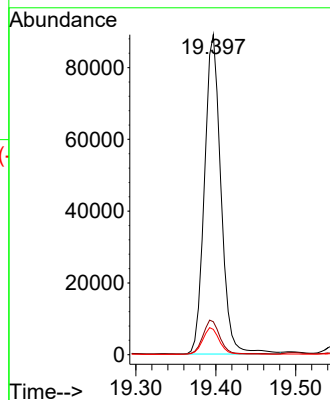
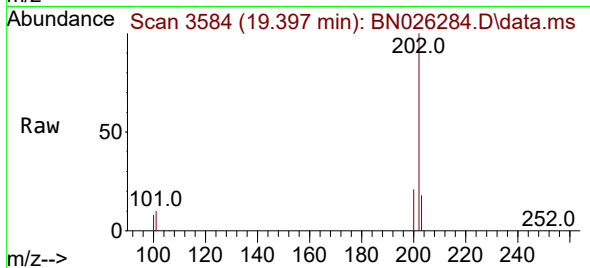
Tgt Ion:202 Resp: 127684

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.5	14.3
100	7.9	7.3	10.9

Manual Integrations

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#20

Pyrene

Concen: 1.722 ng/ul

RT: 19.759 min Scan# 3662

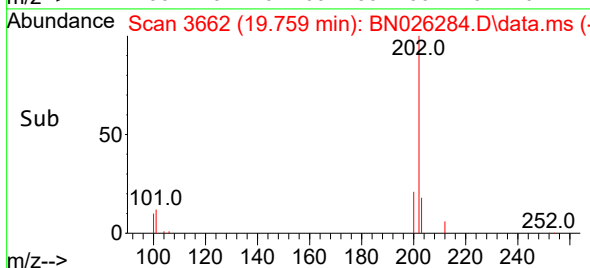
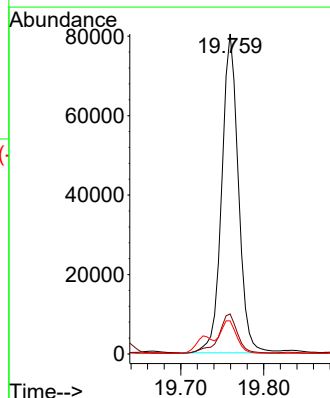
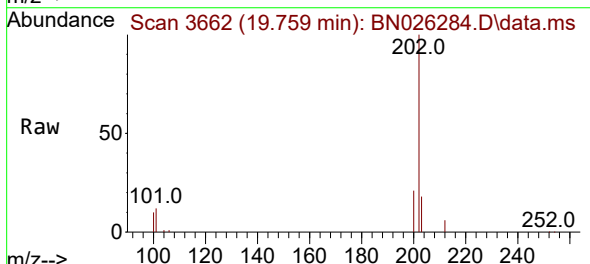
Delta R.T. -0.005 min

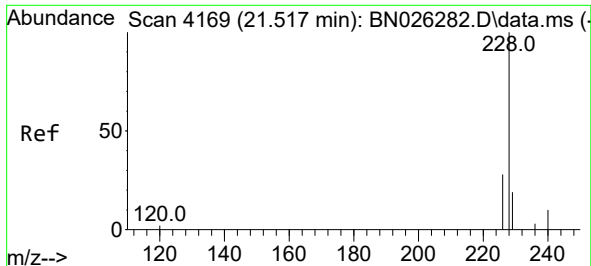
Lab File: BN026284.D

Acq: 05 Jul 2023 09:52

Tgt Ion:202 Resp: 111909

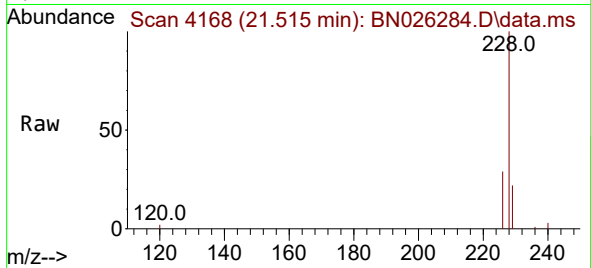
Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.4	17.0
100	10.3	9.1	13.7





#21
Benzo(a)anthracene
Concen: 1.216 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

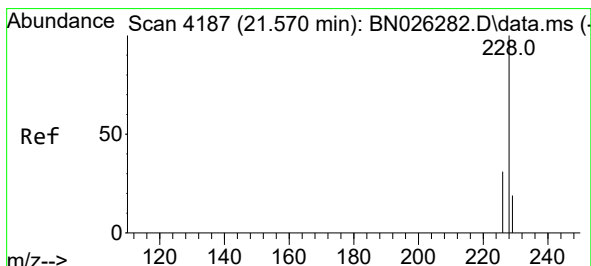
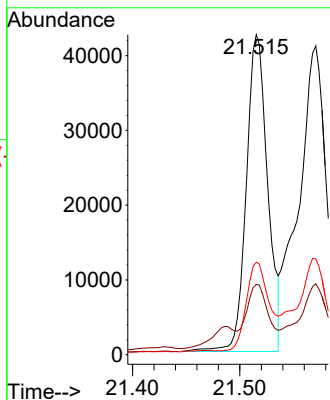
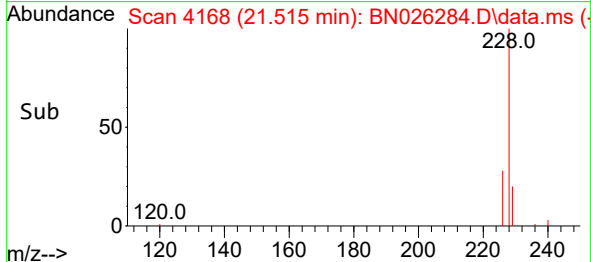
Instrument :
BNA_N
ClientSampleId :
DCGK3DL



Tgt Ion:228 Resp: 58650
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.9 22.5 33.7

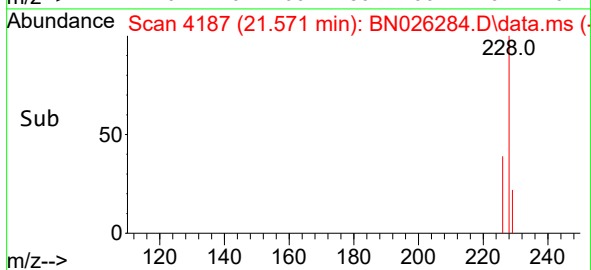
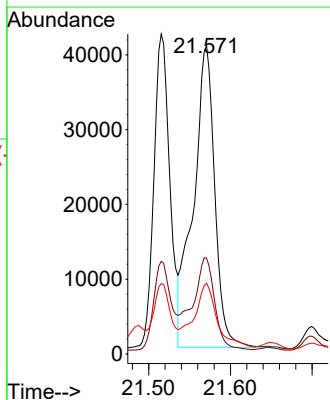
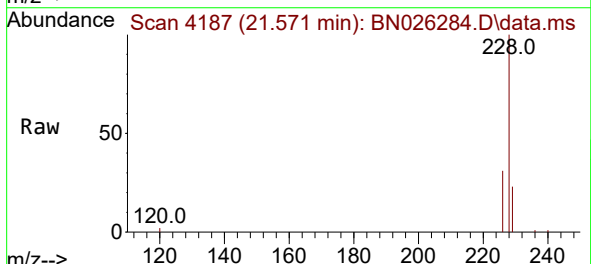
Manual Integrations
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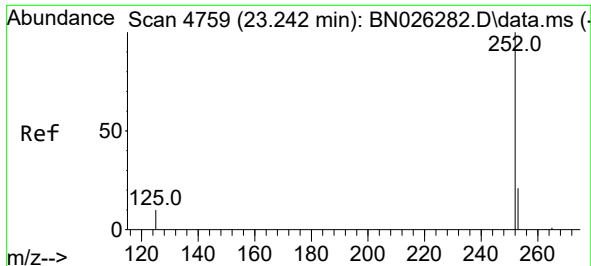
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 1.466 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

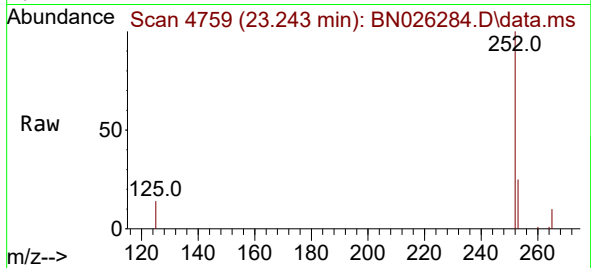
Tgt Ion:228 Resp: 73600
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 23.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.838 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

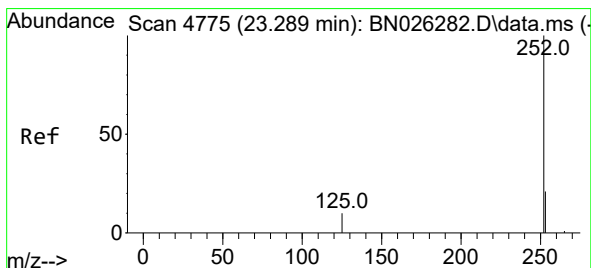
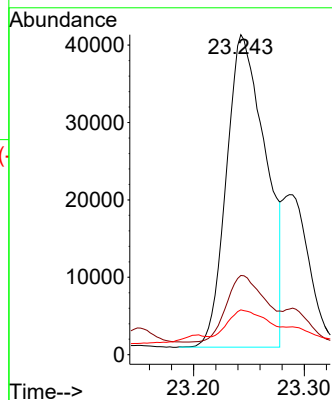
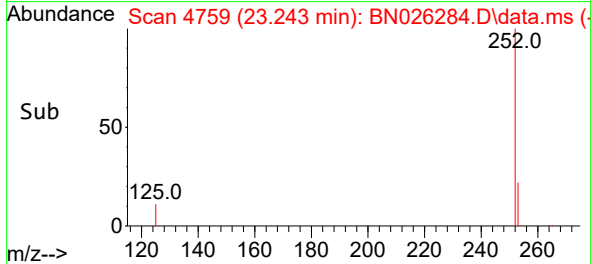
Instrument :
BNA_N
ClientSampleId :
DCGK3DL



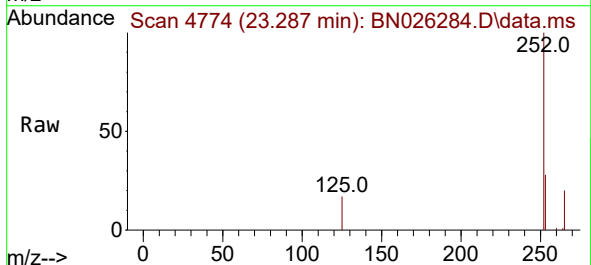
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Ion Ratio Lower Upper
252 100
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125 14.0 0.0 35.8

Manual Integrations
APPROVED

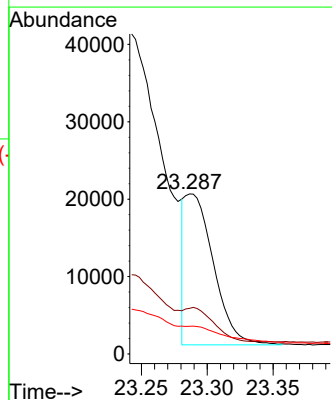
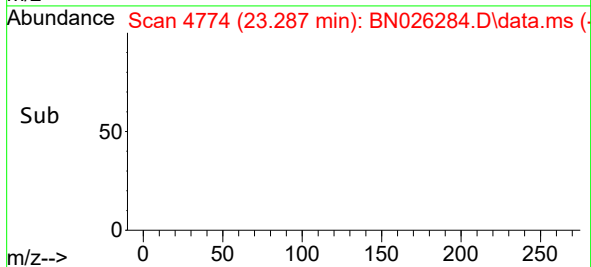
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

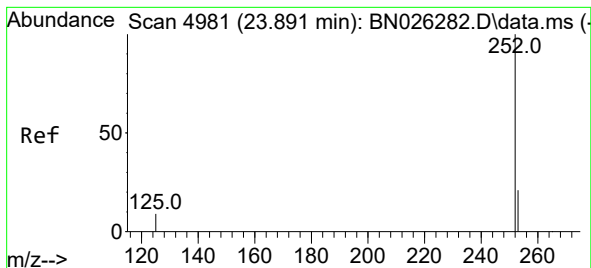


#25
Benzo(k)fluoranthene
Concen: 0.541 ng/ul m
RT: 23.287 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52



Tgt Ion:252 Resp: 29526
Ion Ratio Lower Upper
252 100
253 28.5 23.2 34.8
125 17.3 15.0 22.4





#26

Benzo(a)pyrene

Concen: 1.481 ng/ul

RT: 23.886 min Scan# 4981

Delta R.T. -0.003 min

Lab File: BN026284.D

Acq: 05 Jul 2023 09:52

Instrument :

BNA_N

ClientSampleId :

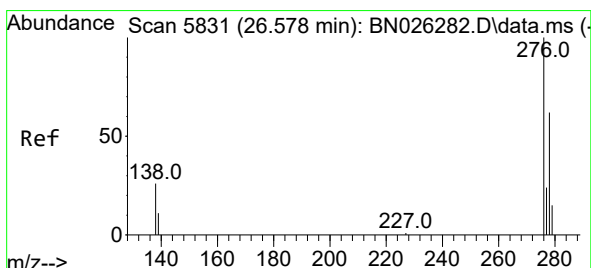
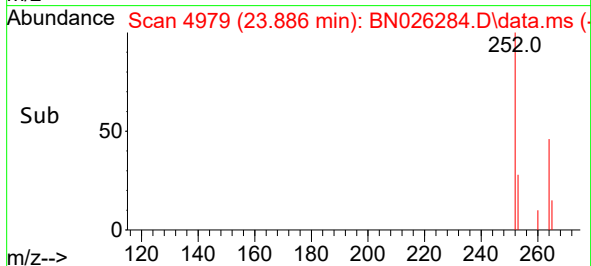
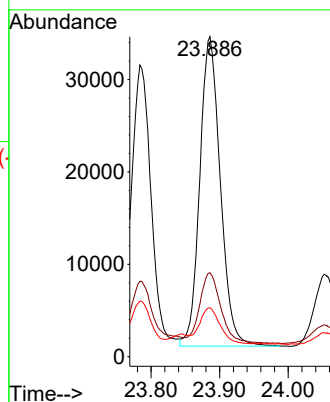
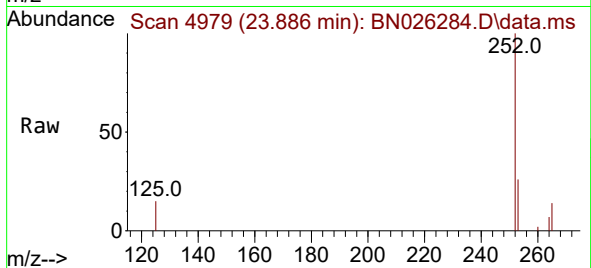
DCGK3DL

Tgt Ion:	252	Resp:	6984
Ion Ratio	Lower	Upper	
252	100		
253	26.3	26.0	39.0
125	15.2	17.3	25.9

Manual Integrations

APPROVED

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.977 ng/ul

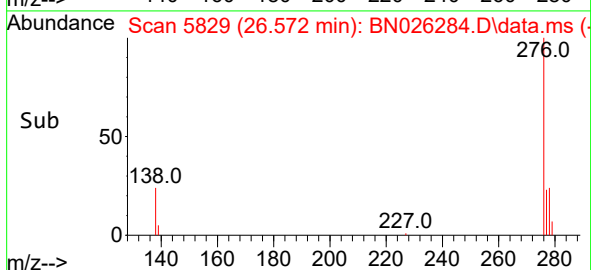
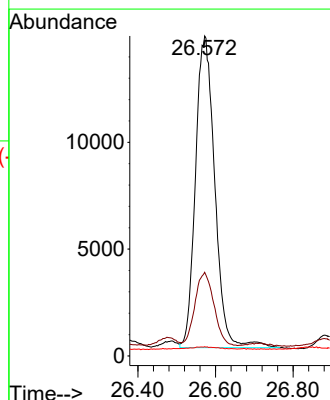
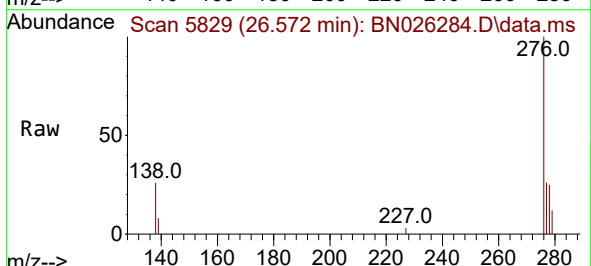
RT: 26.572 min Scan# 5829

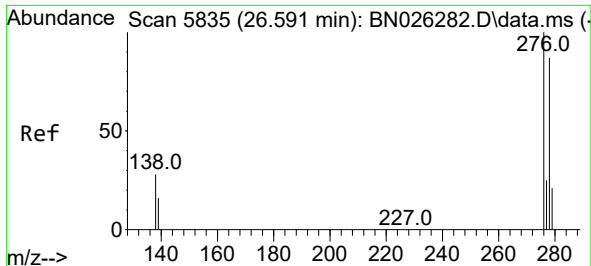
Delta R.T. -0.010 min

Lab File: BN026284.D

Acq: 05 Jul 2023 09:52

Tgt Ion:	276	Resp:	50322
Ion Ratio	Lower	Upper	
276	100		
138	22.9	24.5	36.7#
227	0.9	0.0	0.0#





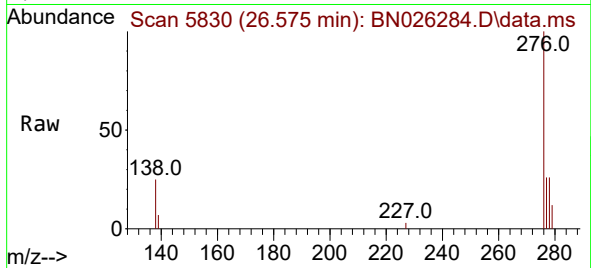
#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. -0.020 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52

Instrument :

BNA_N

ClientSampleId :

DCGK3DL

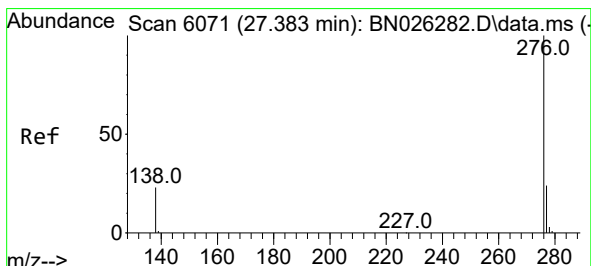
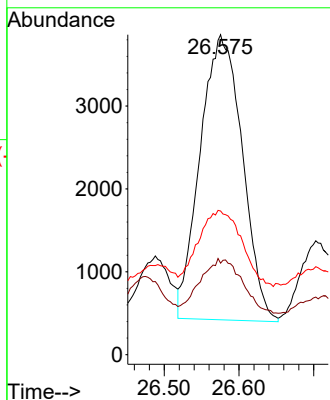
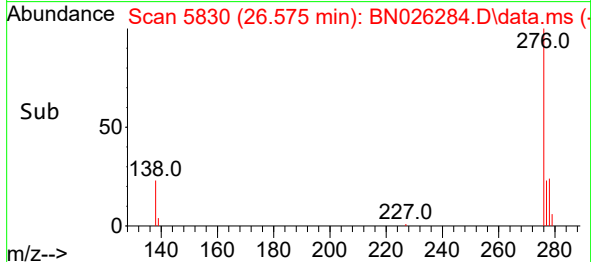


Tgt Ion:278 Resp: 13475
Ion Ratio Lower Upper
278 100
139 28.6 19.0 28.4
279 44.9 26.7 40.1

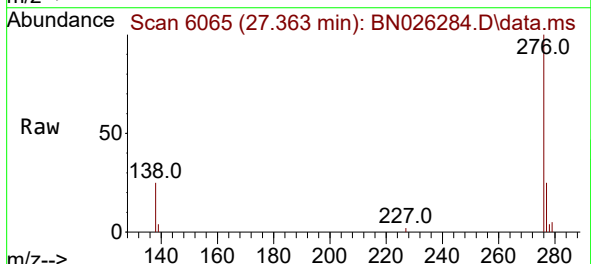
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.123 ng/ul
RT: 27.363 min Scan# 6065
Delta R.T. -0.017 min
Lab File: BN026284.D
Acq: 05 Jul 2023 09:52



Tgt Ion:276 Resp: 51470
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 25.3 20.0 30.0

