

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026285.D
 Acq On : 05 Jul 2023 10:33
 Operator : MA/JU
 Sample : 03353-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 11:19:36 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	6831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	21891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	12148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	22876	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	13483	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	13953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	5611	0.729	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1587	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	2833	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	5735	0.091	ng/ul#	94
7) 2-Methylnaphthalene	12.420	142	2706	0.068	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	1829	0.044	ng/ul	97
10) Acenaphthylene	14.306	152	9586	0.169	ng/ul	97
11) Acenaphthene	14.649	153	3223	0.069	ng/ul	98
12) Fluorene	15.634	166	2919	0.055	ng/ul#	96
15) Phenanthrene	17.376	178	98426	1.303	ng/ul	99
16) Anthracene	17.469	178	13501	0.201	ng/ul	97
19) Fluoranthene	19.396	202	265933	3.693	ng/ul	97
20) Pyrene	19.758	202	207324	2.768	ng/ul	97
21) Benzo(a)anthracene	21.511	228	94357	1.696	ng/ul	98
22) Chrysene	21.567	228	112026	1.936	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	165605m	2.781	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	53231m	0.890	ng/ul	
26) Benzo(a)pyrene	23.882	252	96340	1.863	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.567	276	74068	1.311	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.574	278	17574	0.411	ng/ul	95
29) Benzo(g,h,i)perylene	27.366	276	62617	1.246	ng/ul	95

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

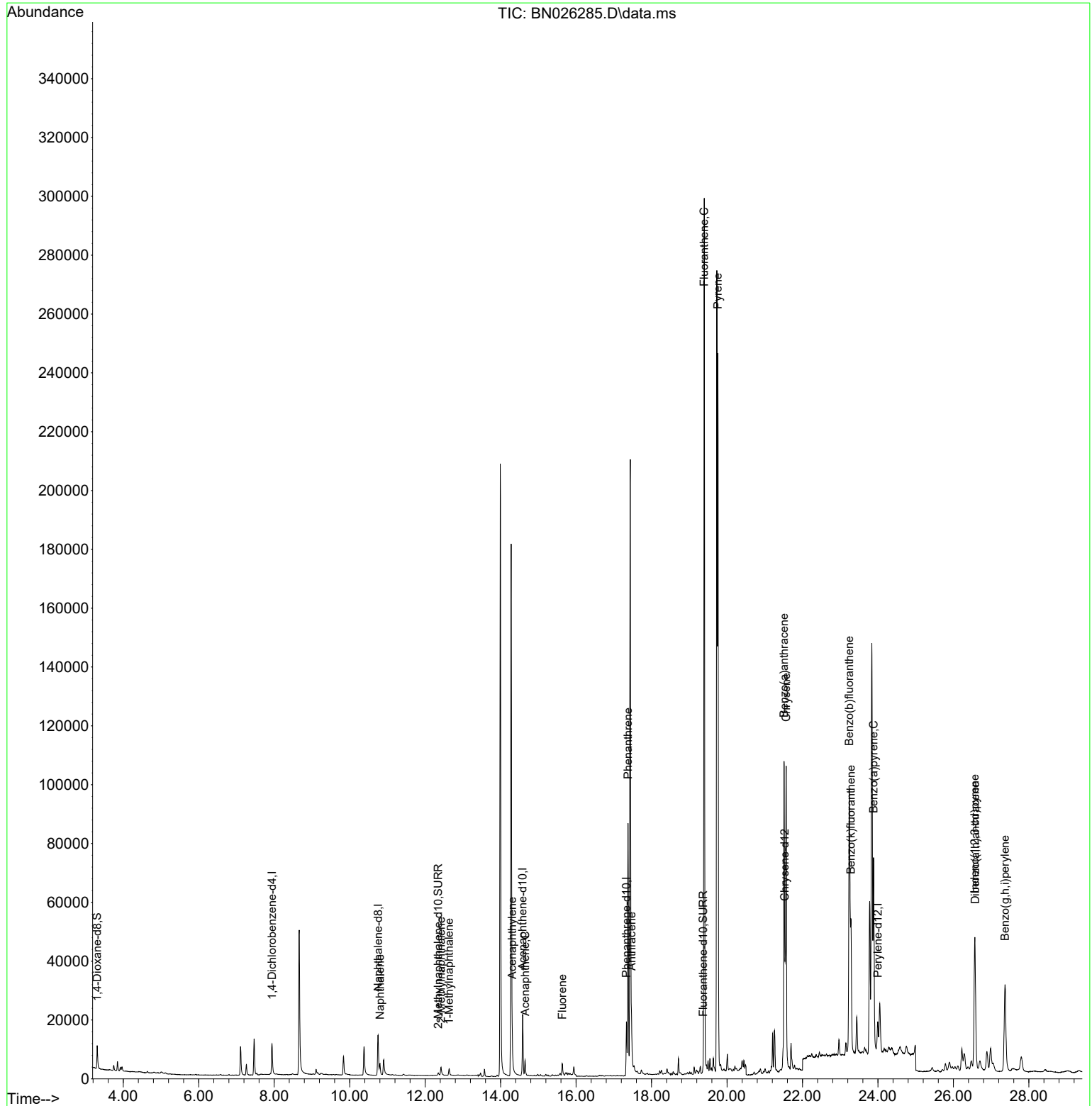
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026285.D
Acq On : 05 Jul 2023 10:33
Operator : MA/JU
Sample : 03353-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

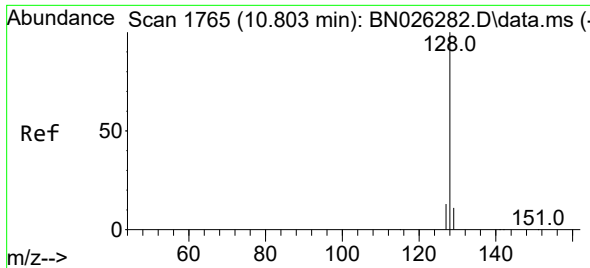
Instrument :
BNA_N
ClientSampleId :
DCGK4DL

Manual Integrations
APPROVED

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

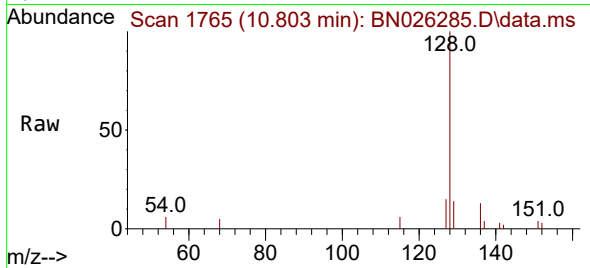
Quant Time: Jul 05 11:19:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

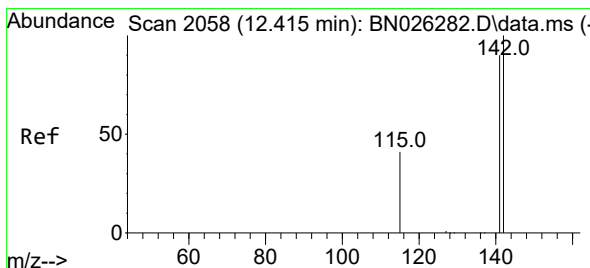
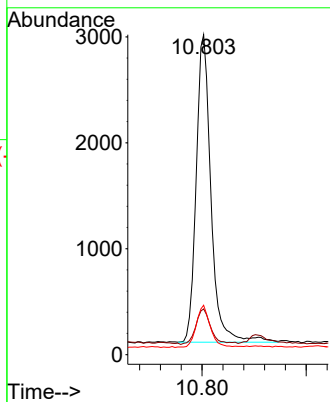
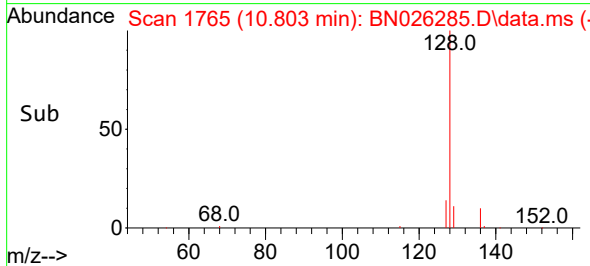
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



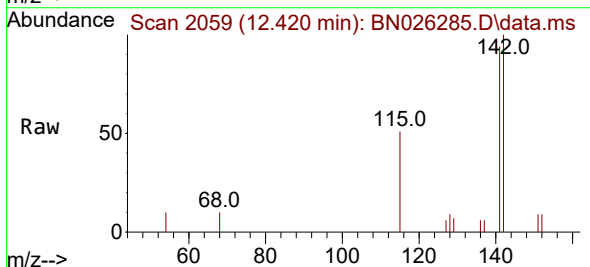
Tgt Ion:128 Resp: 5735
Ion Ratio Lower Upper
128 100
129 14.3 9.1 13.7
127 15.5 10.7 16.1

Manual Integrations
APPROVED

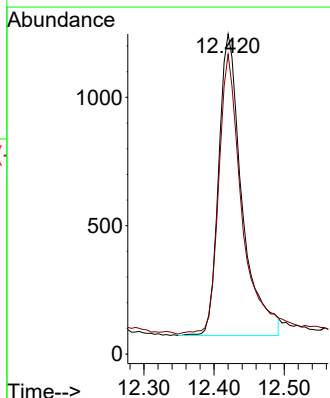
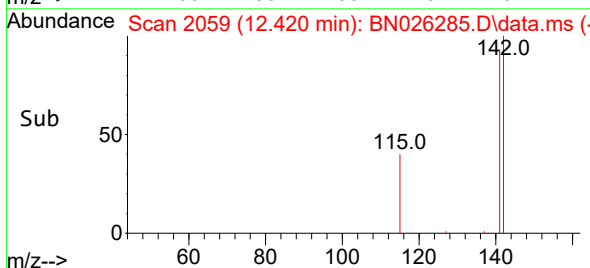
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

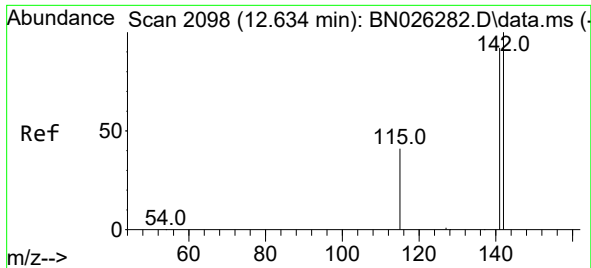


#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33



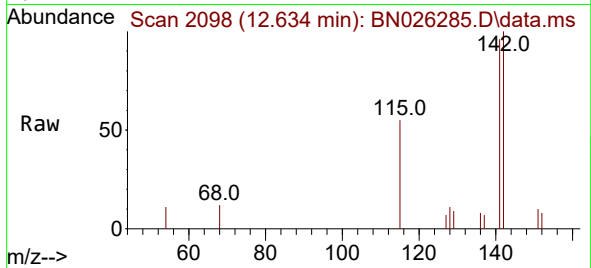
Tgt Ion:142 Resp: 2706
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

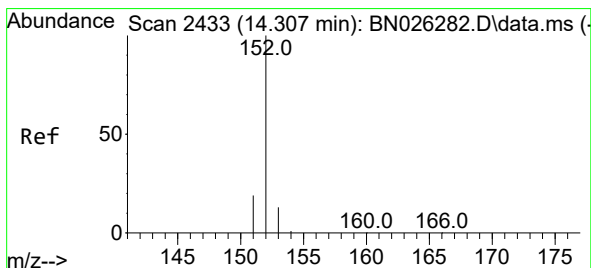
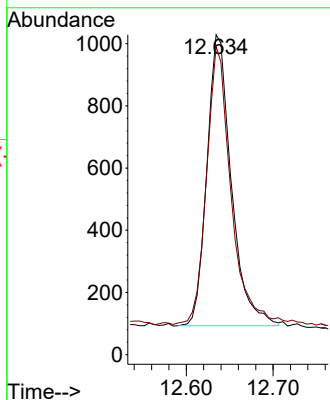
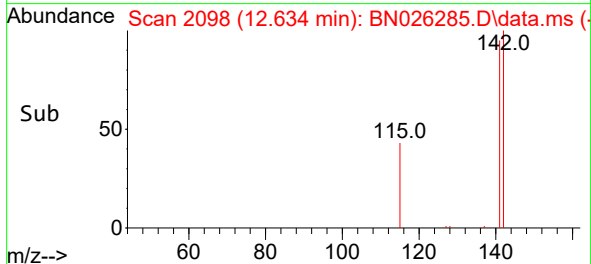
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



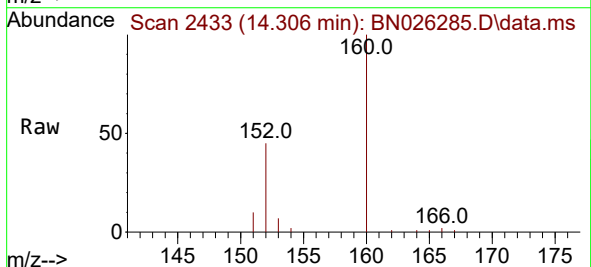
Tgt Ion:142 Resp: 1829
Ion Ratio Lower Upper
142 100
141 95.2 74.2 111.4

Manual Integrations
APPROVED

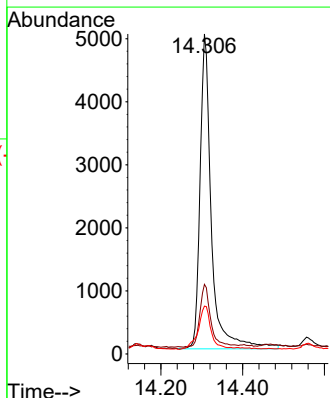
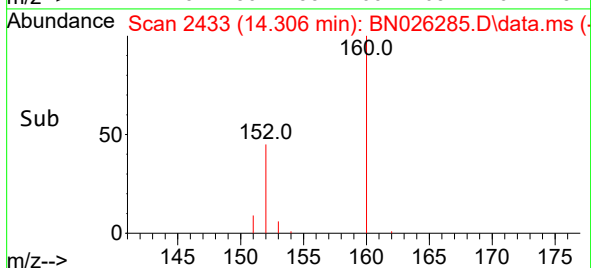
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

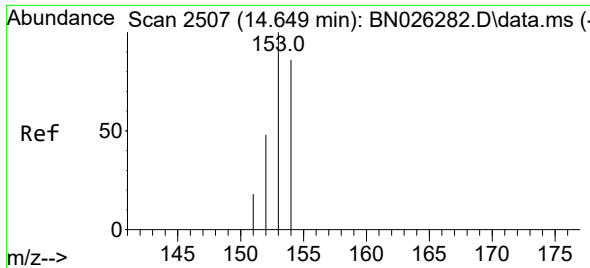


#10
Acenaphthylene
Concen: 0.169 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33



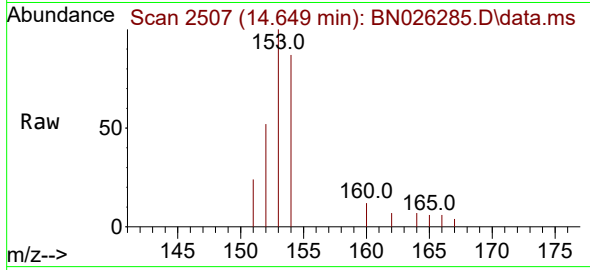
Tgt Ion:152 Resp: 9586
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.4
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

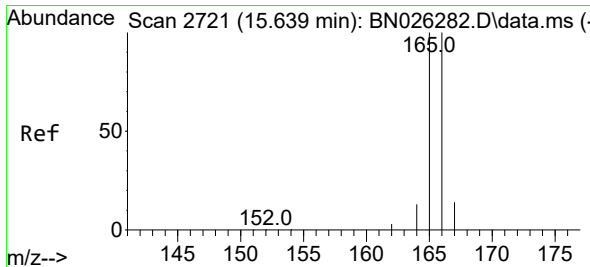
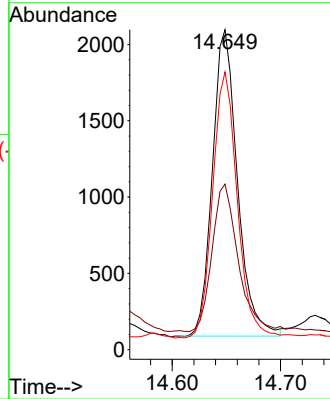
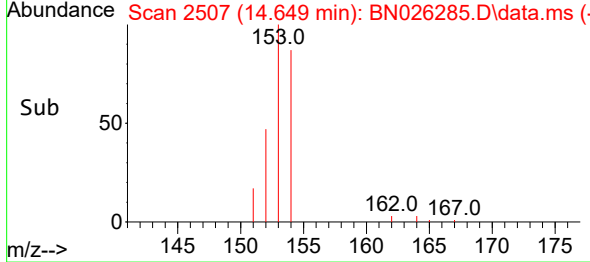
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



Tgt Ion:153 Resp: 322
Ion Ratio Lower Upper
153 100
152 51.7 39.4 59.0
154 86.8 68.9 103.3

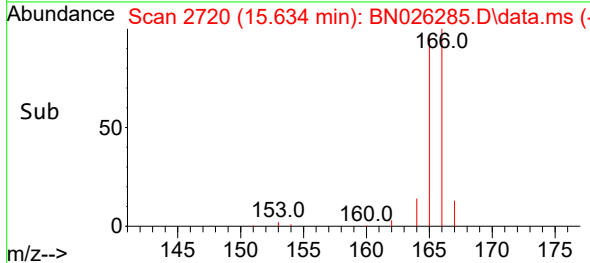
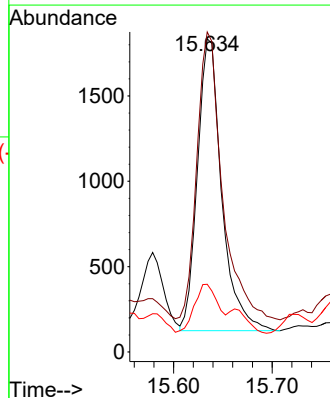
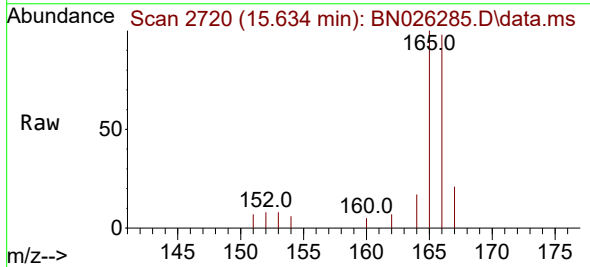
Manual Integrations
APPROVED

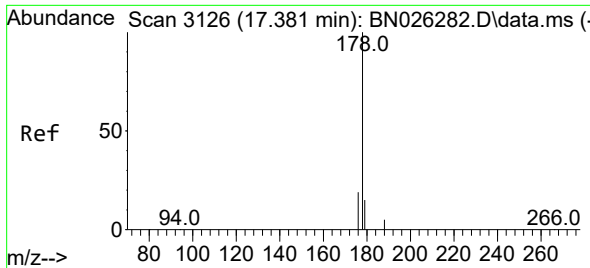
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

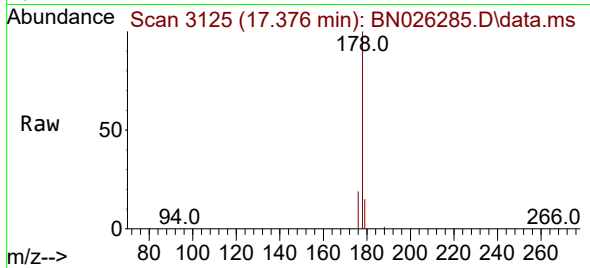
Tgt Ion:166 Resp: 2919
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 21.6 10.8 16.2#





#15
Phenanthrene
Concen: 1.303 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

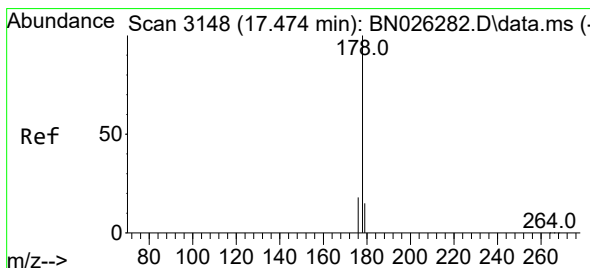
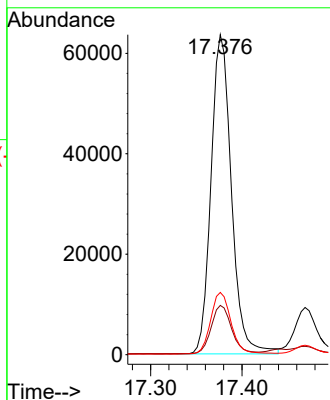
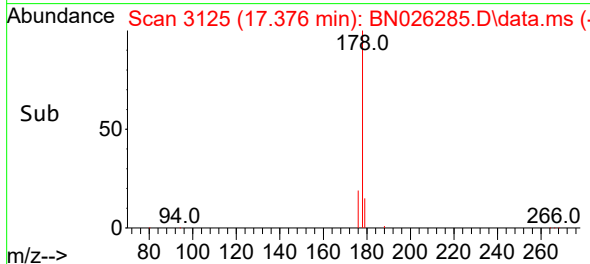
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



Tgt Ion:178 Resp: 98420
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

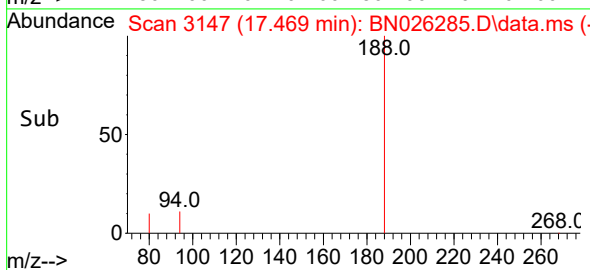
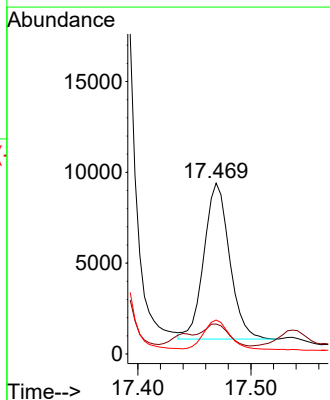
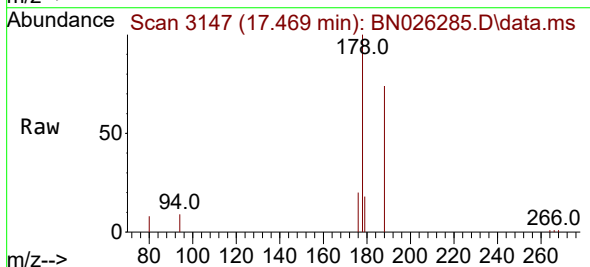
Manual Integrations
APPROVED

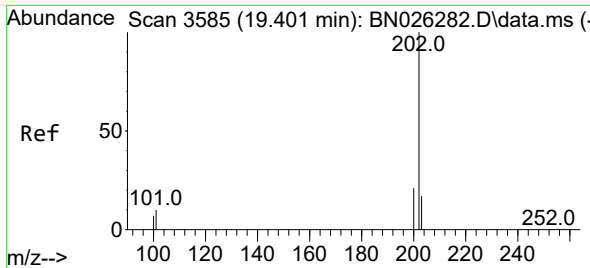
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.201 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

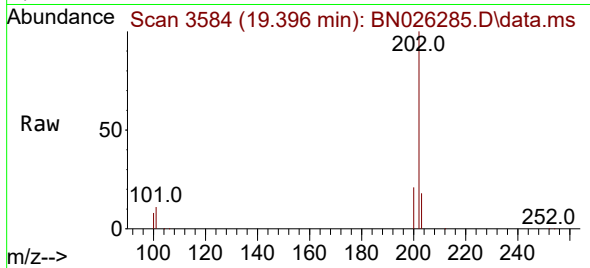
Tgt Ion:178 Resp: 13501
Ion Ratio Lower Upper
178 100
179 17.5 12.6 18.8
176 19.8 15.1 22.7





#19
Fluoranthene
Concen: 3.693 ng/ul
RT: 19.396 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

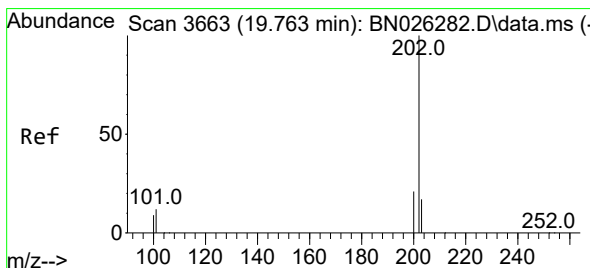
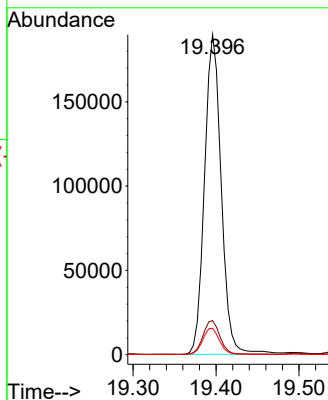
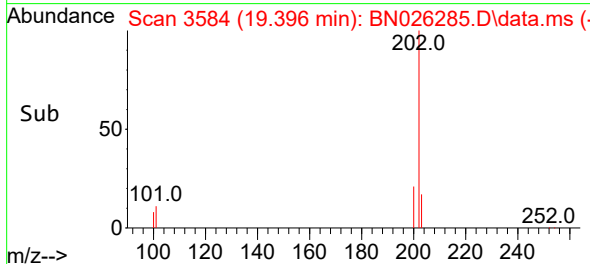
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



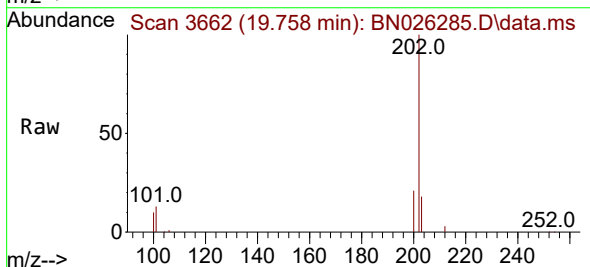
Tgt Ion:202 Resp: 265933
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.2 7.3 10.9

Manual Integrations
APPROVED

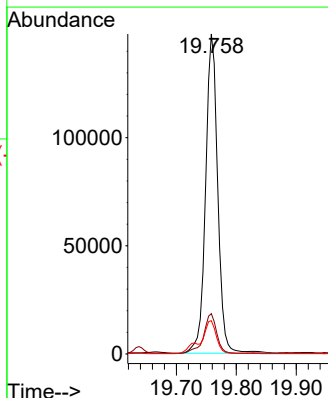
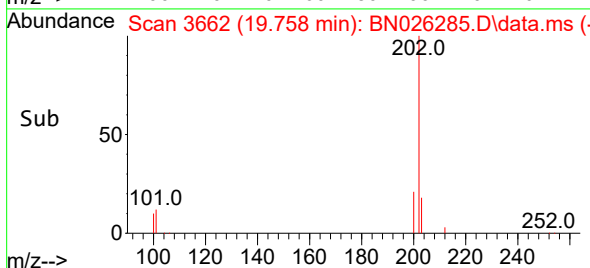
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

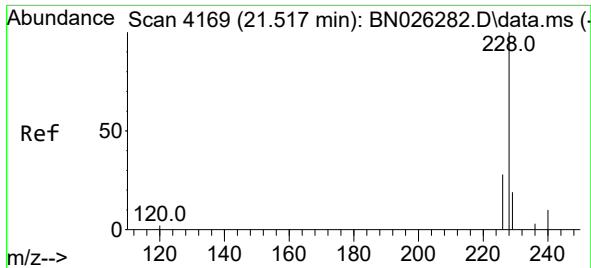


#20
Pyrene
Concen: 2.768 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33



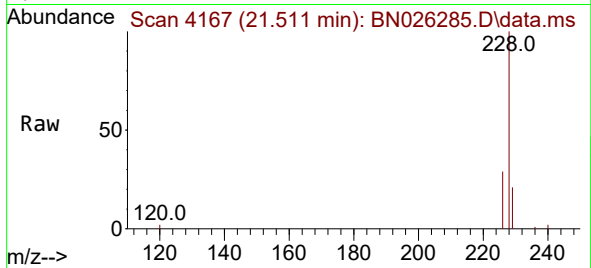
Tgt Ion:202 Resp: 207324
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.696 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

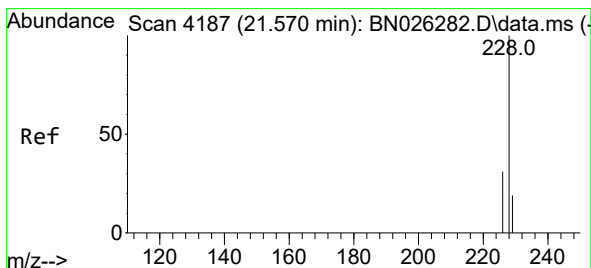
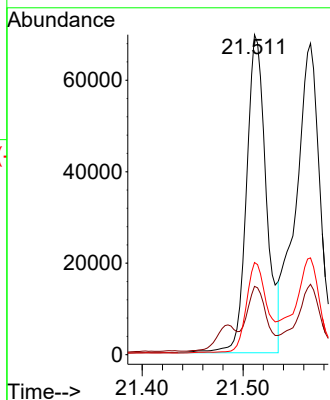
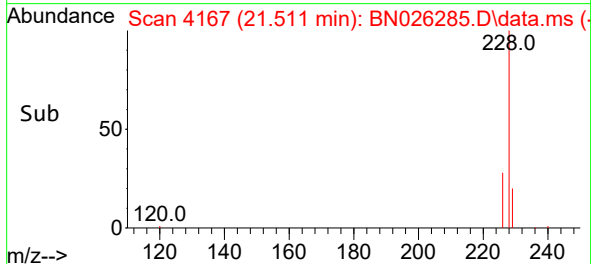
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



Tgt Ion:228 Resp: 9435
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 28.8 22.5 33.7

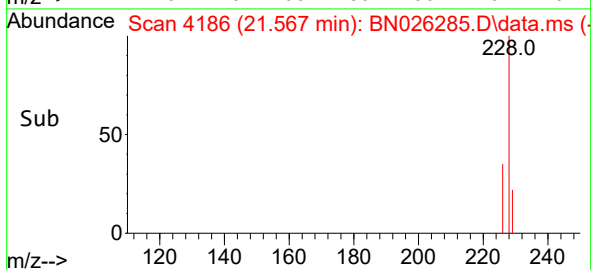
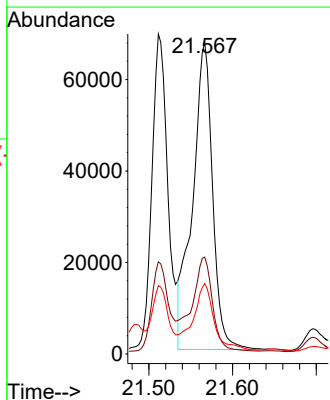
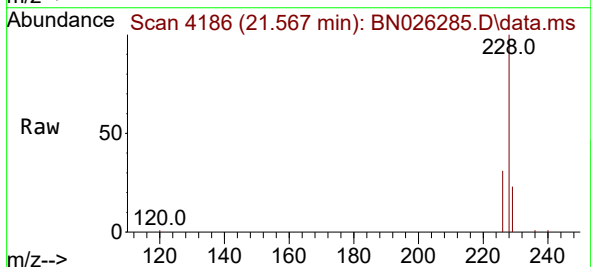
Manual Integrations
APPROVED

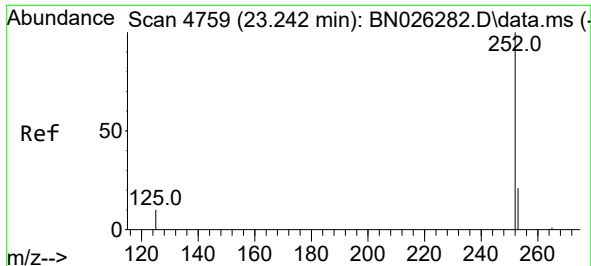
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 1.936 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

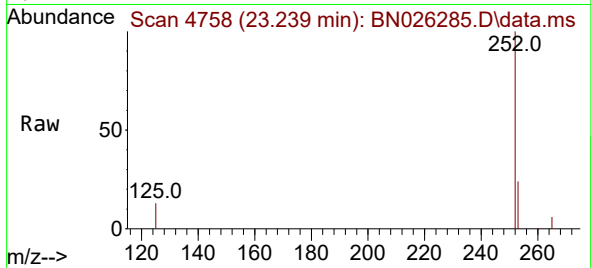
Tgt Ion:228 Resp: 112026
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.781 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.007 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

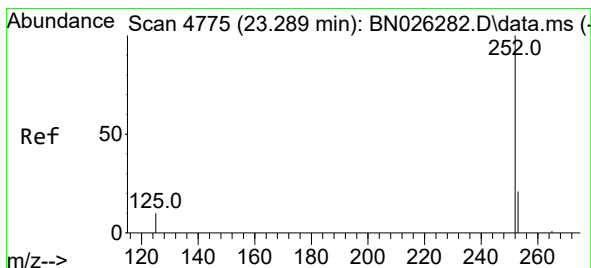
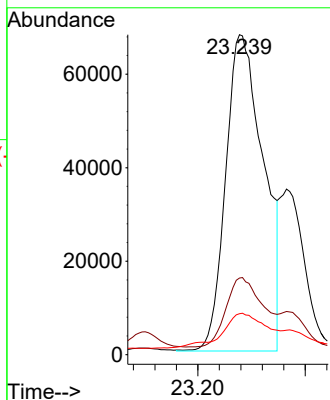
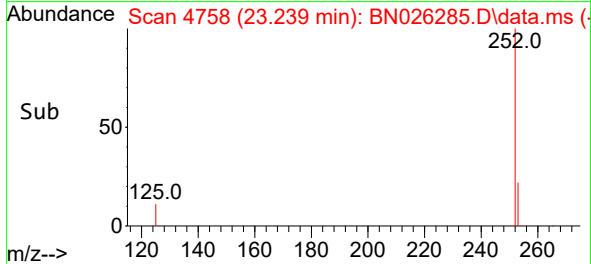
Instrument :
BNA_N
ClientSampleId :
DCGK4DL



Tgt Ion:252 Resp: 16560
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 12.8 0.0 35.8

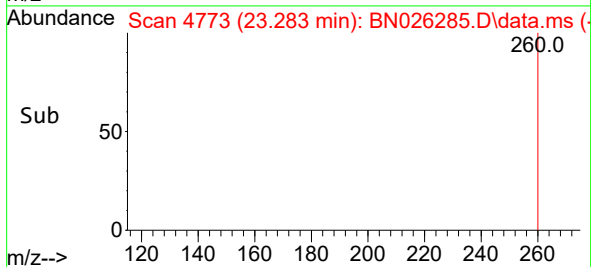
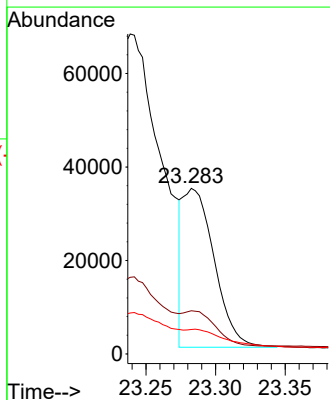
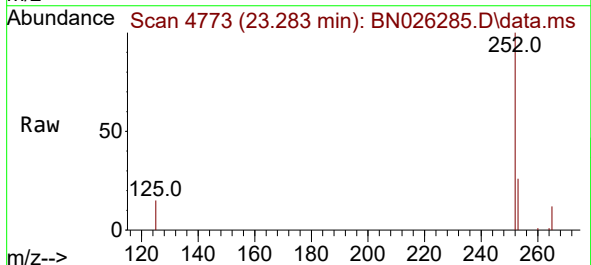
Manual Integrations
APPROVED

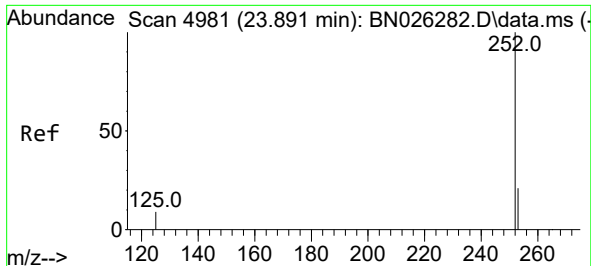
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.890 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

Tgt Ion:252 Resp: 53231
Ion Ratio Lower Upper
252 100
253 26.1 23.2 34.8
125 14.8 15.0 22.4#





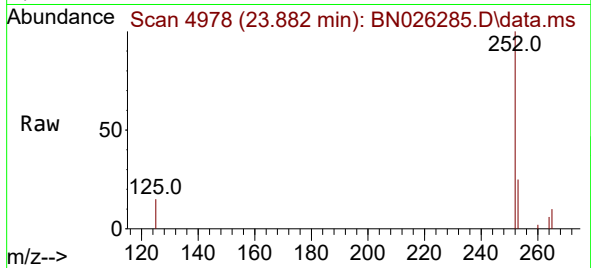
#26
Benzo(a)pyrene
Concen: 1.863 ng/ul
RT: 23.882 min Scan# 4978
Delta R.T. -0.007 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

Instrument :

BNA_N

ClientSampleId :

DCGK4DL

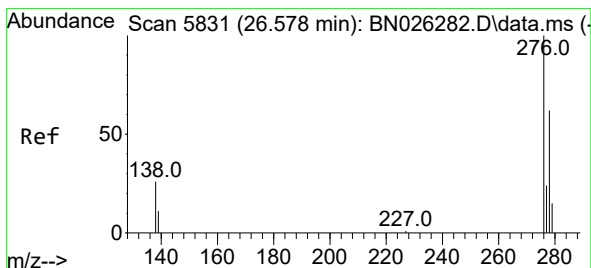
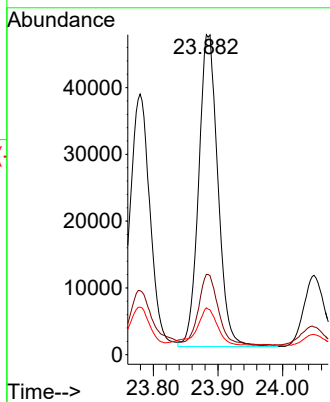
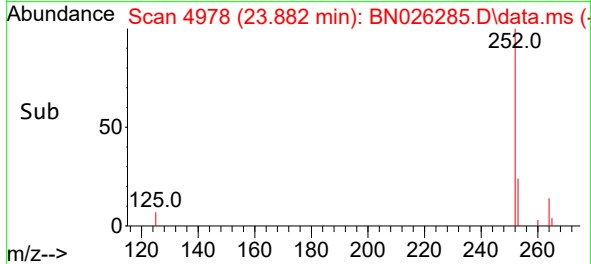


Tgt Ion:252 Resp: 96340
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 14.6 17.3 25.9#

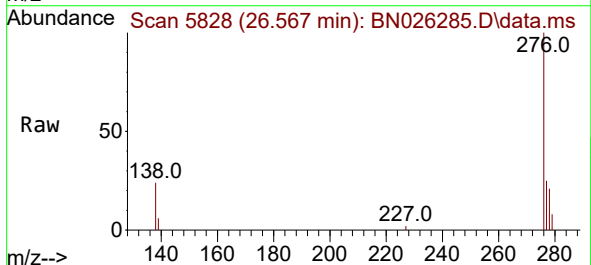
Manual Integrations

APPROVED

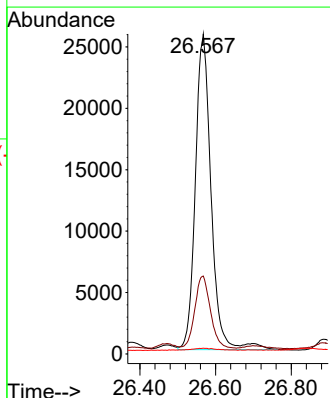
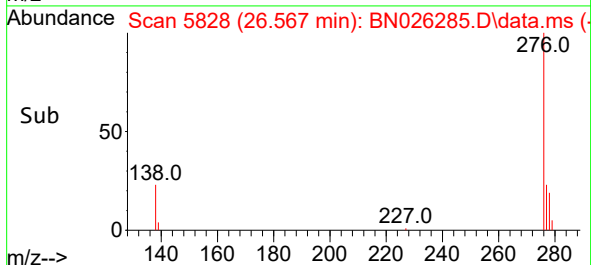
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

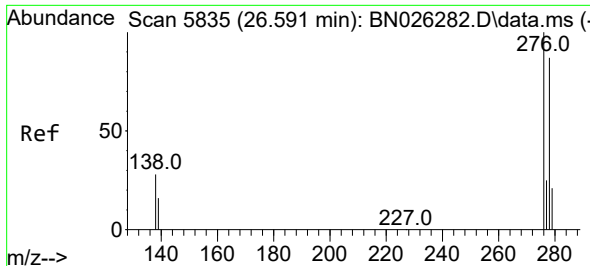


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.311 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.014 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33



Tgt Ion:276 Resp: 74068
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.9 0.0 0.0#





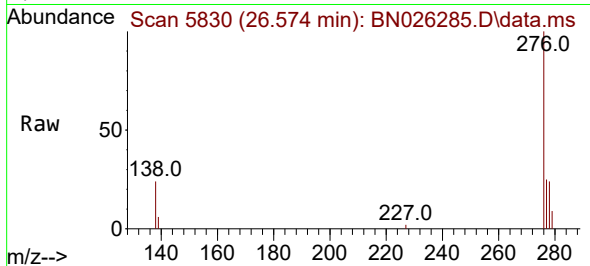
#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.021 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33

Instrument :

BNA_N

ClientSampleId :

DCGK4DL

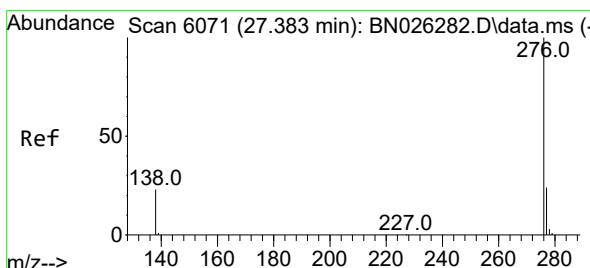
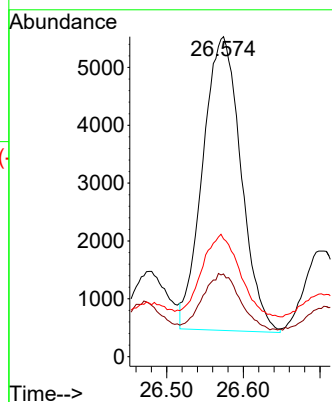
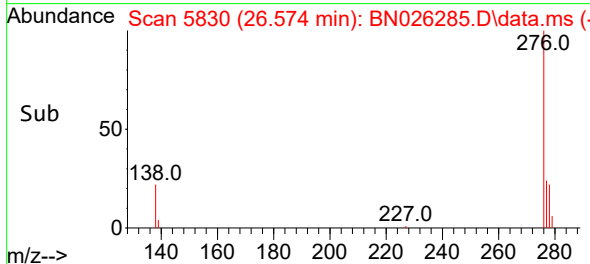


Tgt Ion:278 Resp: 17574
Ion Ratio Lower Upper
278 100
139 25.8 19.0 28.4
279 36.8 26.7 40.1

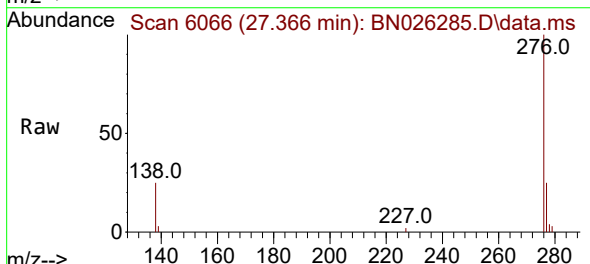
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.246 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.014 min
Lab File: BN026285.D
Acq: 05 Jul 2023 10:33



Tgt Ion:276 Resp: 62617
Ion Ratio Lower Upper
276 100
138 24.8 23.4 35.0
277 24.7 20.0 30.0

