

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026314.D
 Acq On : 06 Jul 2023 04:34
 Operator : MA/JU
 Sample : 03248-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP2

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 06:51:12 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	7.938	152	7369	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	23239	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.584	164	13239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	25664	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	14018	0.400	ng/ul	#-0.01
23) Perylene-d12	23.986	264	16289	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	18920	2.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	6507	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	11626	0.218	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.796	128	3753	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.413	142	2507	0.059	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	1851	0.042	ng/ul	98
10) Acenaphthylene	14.301	152	3759	0.061	ng/ul#	88
11) Acenaphthene	14.644	153	1255	0.025	ng/ul#	93
15) Phenanthrene	17.372	178	30254	0.357	ng/ul	99
16) Anthracene	17.465	178	4416	0.059	ng/ul#	87
19) Fluoranthene	19.390	202	85998	1.149	ng/ul	100
20) Pyrene	19.753	202	71011	0.912	ng/ul	99
21) Benzo(a)anthracene	21.508	228	31898	0.552	ng/ul#	92
22) Chrysene	21.560	228	42406	0.705	ng/ul#	93
24) Benzo(b)fluoranthene	23.235	252	67349m	0.969	ng/ul	
25) Benzo(k)fluoranthene	23.276	252	23087m	0.331	ng/ul	
26) Benzo(a)pyrene	23.881	252	38713	0.641	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.573	276	35173	0.533	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.580	278	8220	0.165	ng/ul#	48
29) Benzo(g,h,i)perylene	27.372	276	29240	0.498	ng/ul	92

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

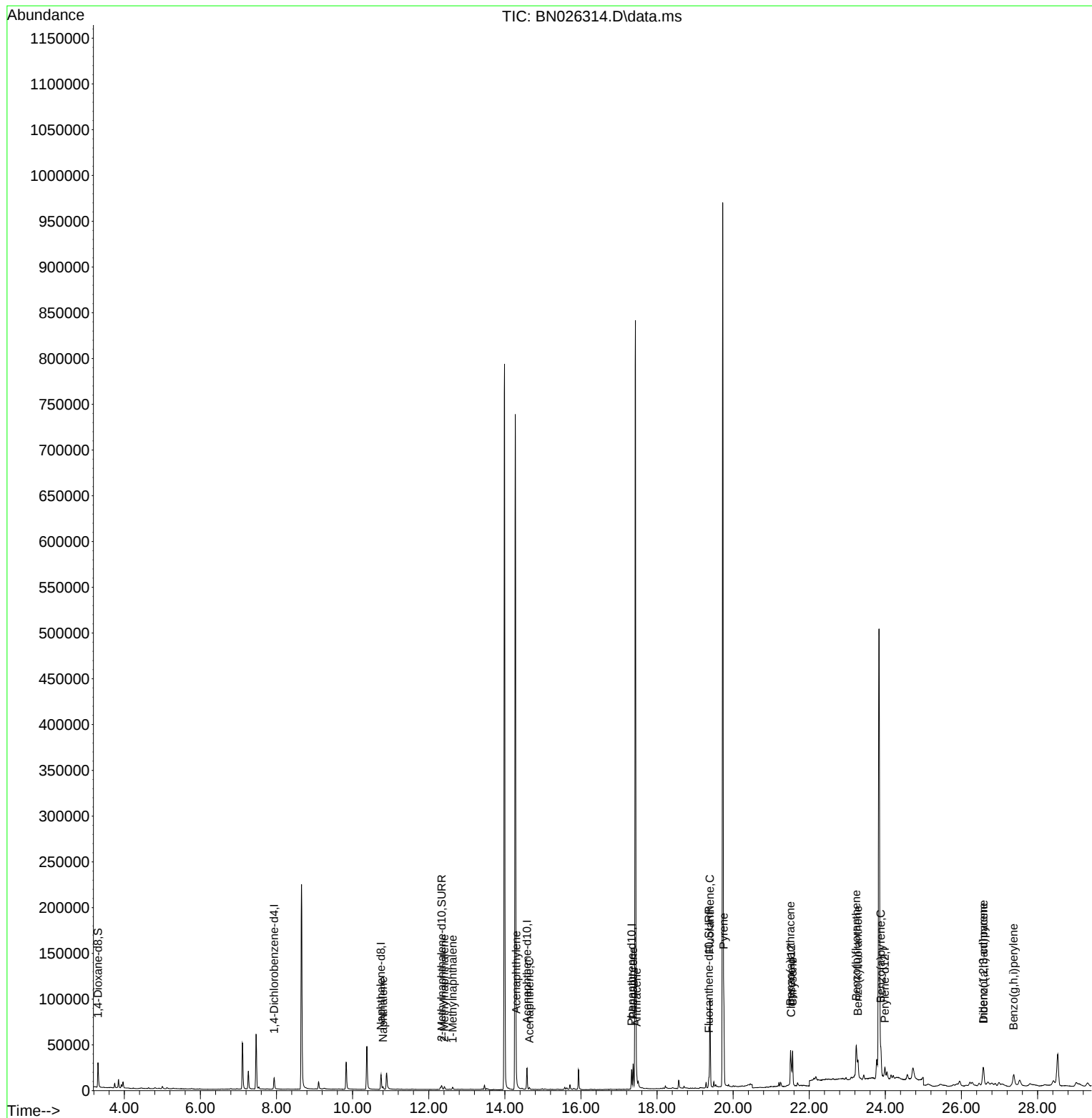
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026314.D
Acq On : 06 Jul 2023 04:34
Operator : MA/JU
Sample : 03248-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

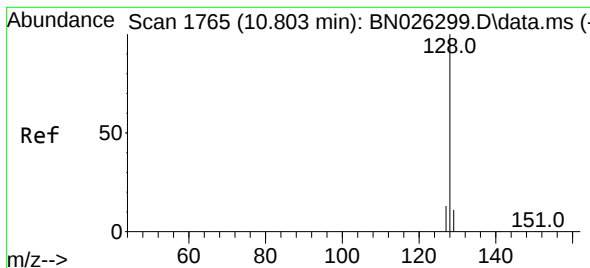
Instrument :
BNA_N
ClientSampleId :
DCGP2

Manual Integrations
APPROVED

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

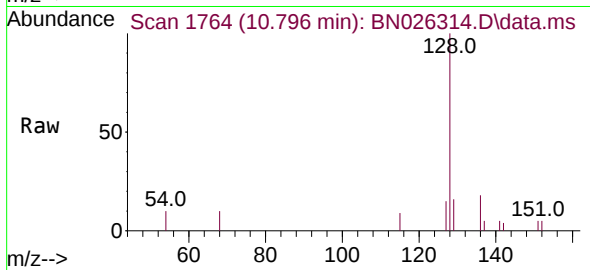
Quant Time: Jul 06 06:51:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

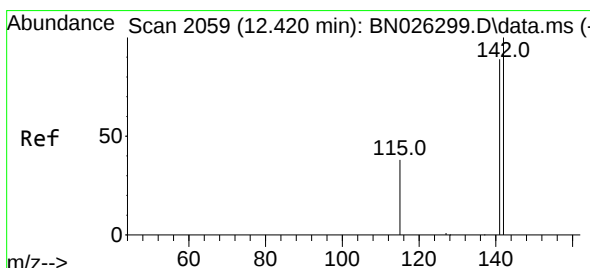
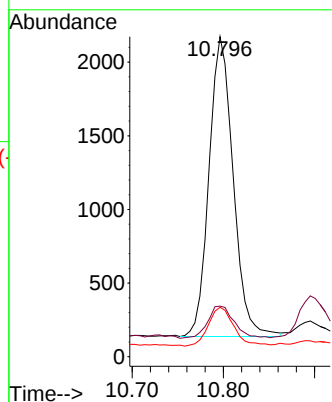
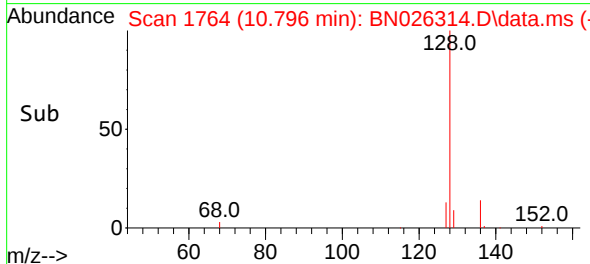
Instrument :
BNA_N
ClientSampleId :
DCGP2



Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
129 15.8 9.1 13.7
127 15.5 10.7 16.1

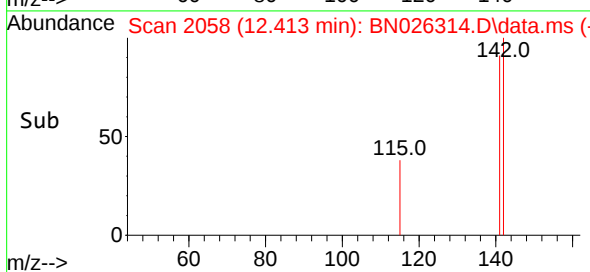
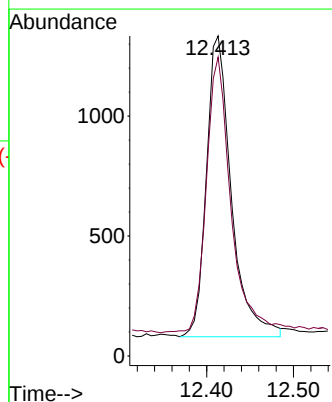
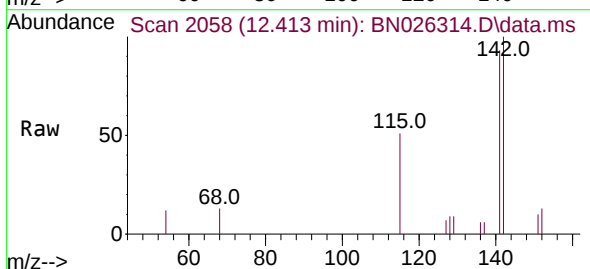
Manual Integrations
APPROVED

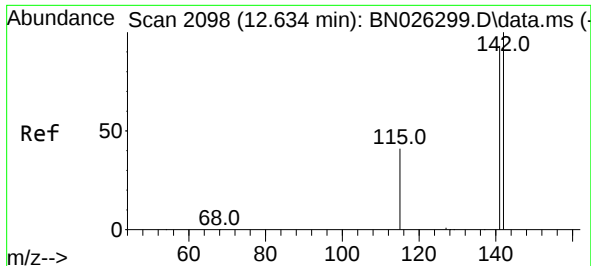
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

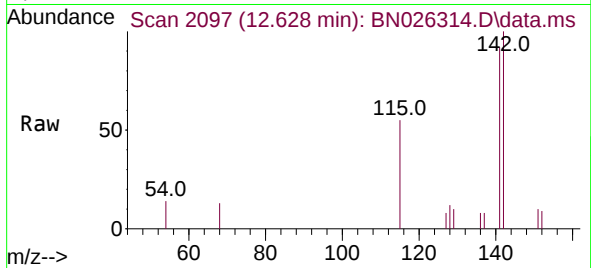
Tgt Ion:142 Resp: 2507
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

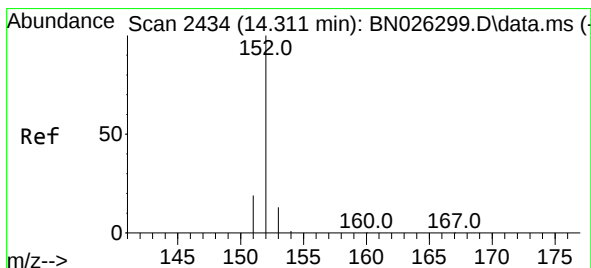
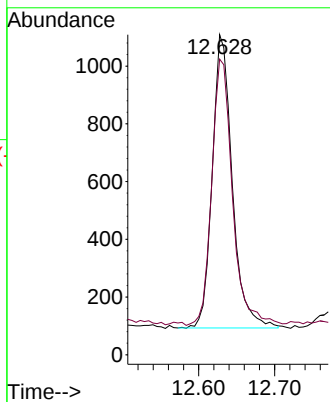
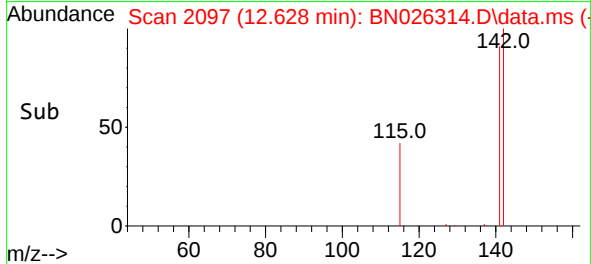
Instrument :
BNA_N
ClientSampleId :
DCGP2



Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.4

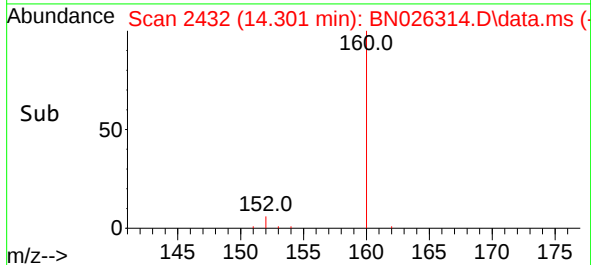
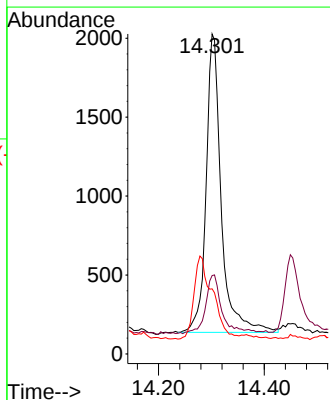
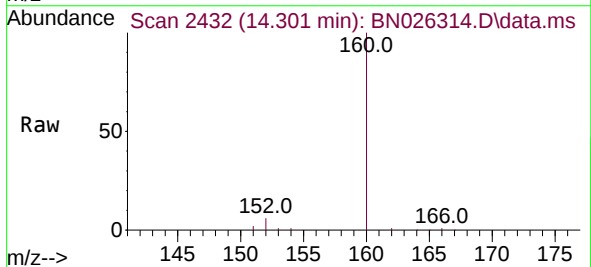
Manual Integrations
APPROVED

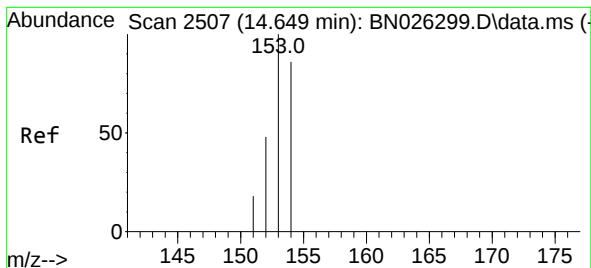
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

Tgt Ion:152 Resp: 3759
Ion Ratio Lower Upper
152 100
151 24.5 16.2 24.4#
153 20.3 10.9 16.3#





#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.644 min Scan# 2507

Delta R.T. -0.011 min

Lab File: BN026314.D

Acq: 06 Jul 2023 04:34

Instrument :

BNA_N

ClientSampleId :

DCGP2

Tgt Ion:153 Resp: 1258

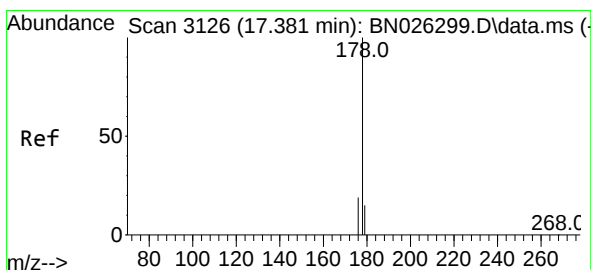
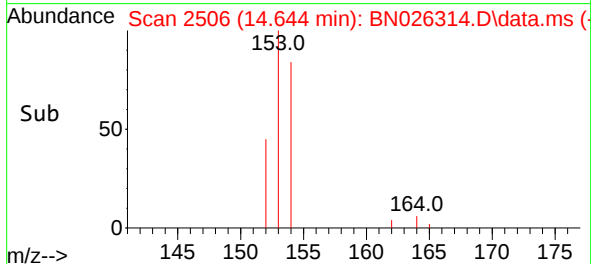
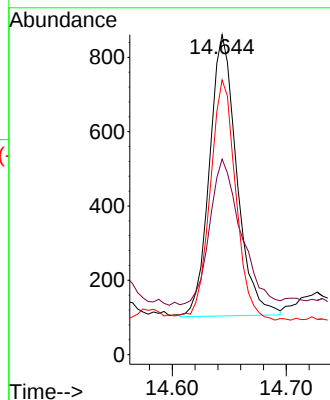
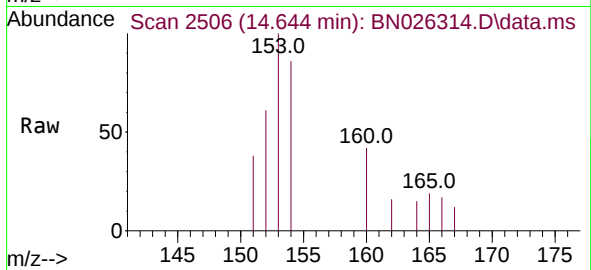
Ion	Ratio	Lower	Upper
153	100		
152	61.1	39.4	59.0
154	85.8	68.9	103.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#15

Phenanthrene

Concen: 0.357 ng/ul

RT: 17.372 min Scan# 3124

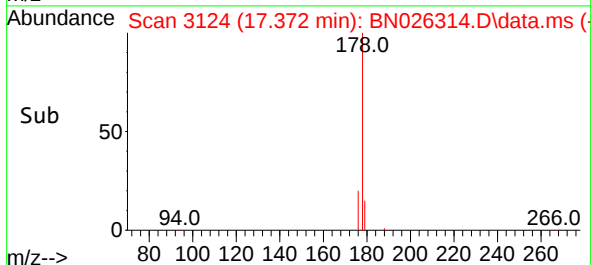
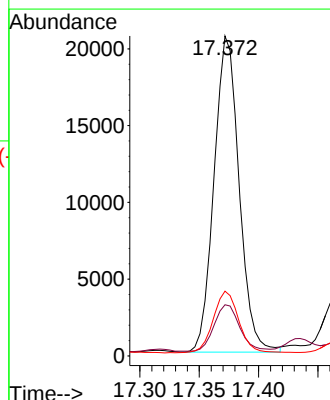
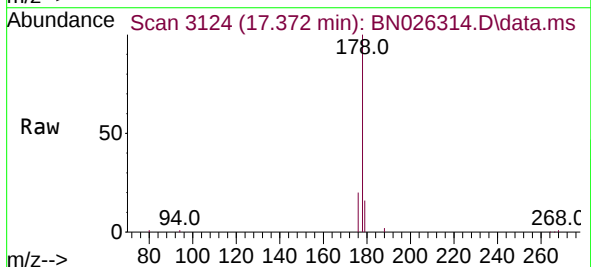
Delta R.T. -0.014 min

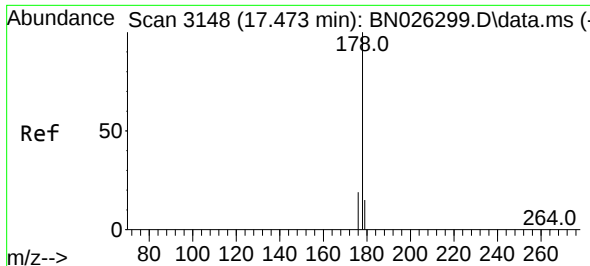
Lab File: BN026314.D

Acq: 06 Jul 2023 04:34

Tgt Ion:178 Resp: 30254

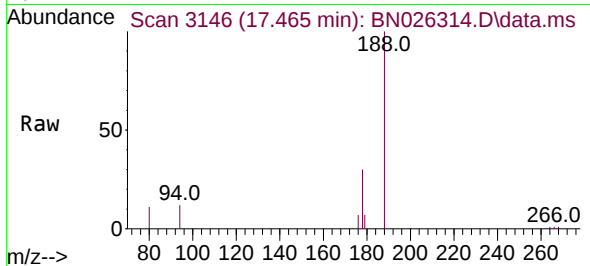
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.2	15.8	23.6





#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.014 min
 Lab File: BN026314.D
 Acq: 06 Jul 2023 04:34

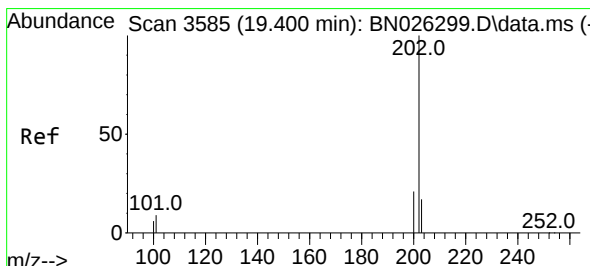
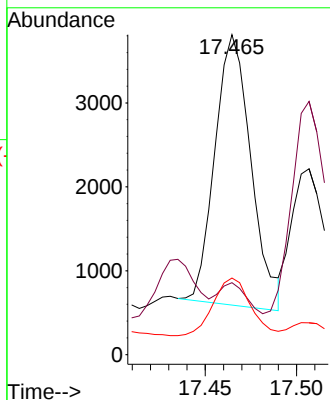
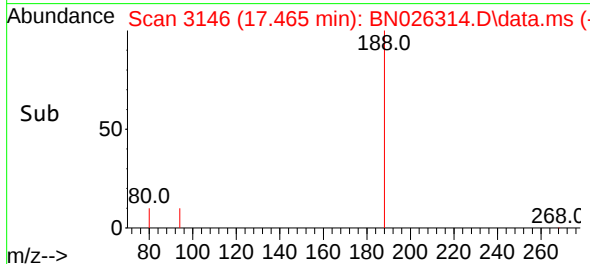
Instrument :
 BNA_N
 ClientSampleId :
 DCGP2



Tgt Ion:178 Resp: 4410
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.6 18.8
 176 24.0 15.1 22.7

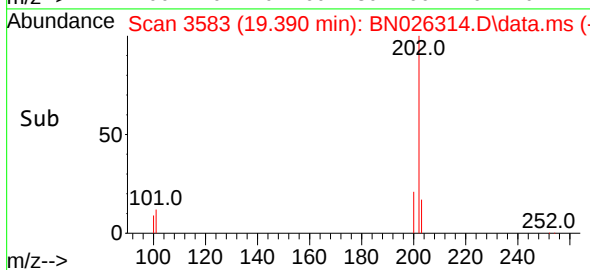
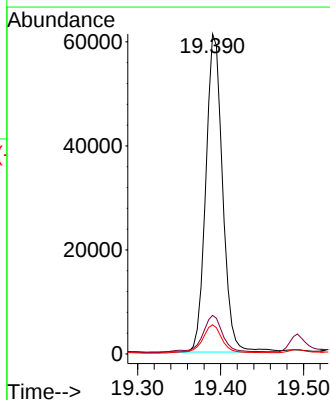
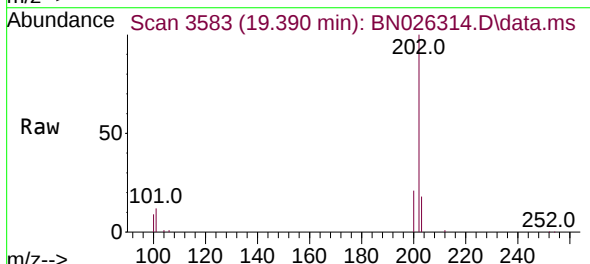
Manual Integrations
 APPROVED

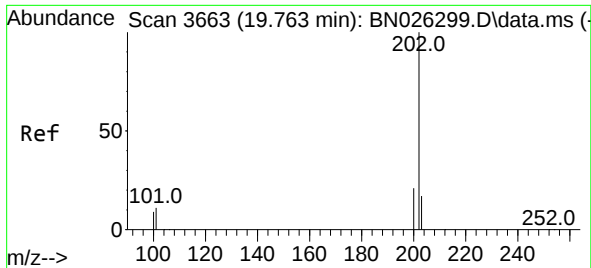
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 1.149 ng/ul
 RT: 19.390 min Scan# 3583
 Delta R.T. -0.011 min
 Lab File: BN026314.D
 Acq: 06 Jul 2023 04:34

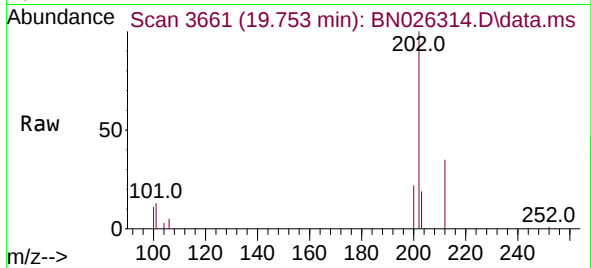
Tgt Ion:202 Resp: 85998
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.5 14.3
 100 9.1 7.3 10.9





#20
Pyrene
Concen: 0.912 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.011 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

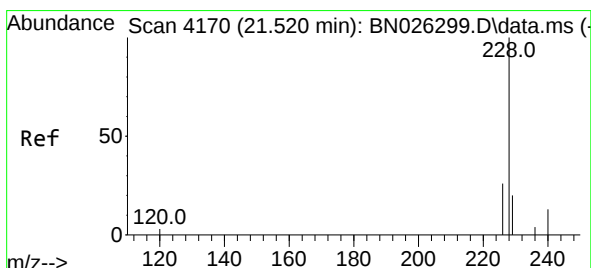
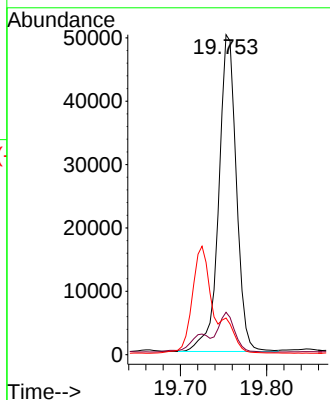
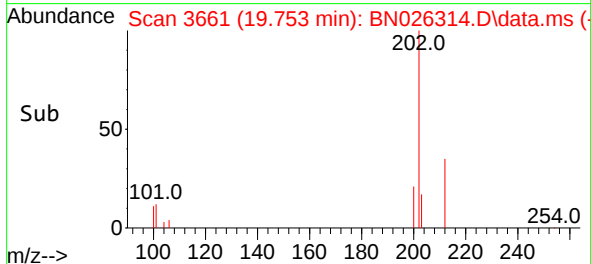
Instrument :
BNA_N
ClientSampleId :
DCGP2



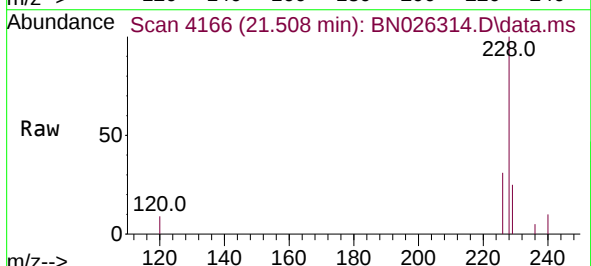
Tgt Ion:202 Resp: 71011
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.5 9.1 13.7

Manual Integrations
APPROVED

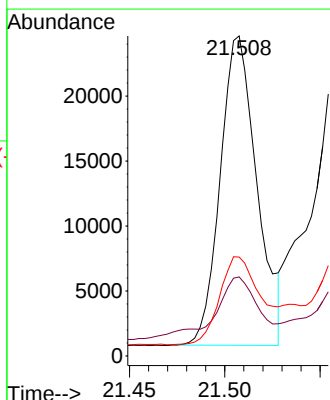
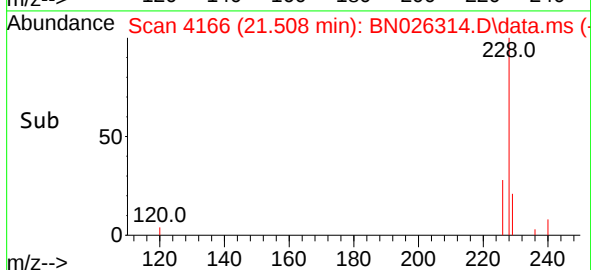
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

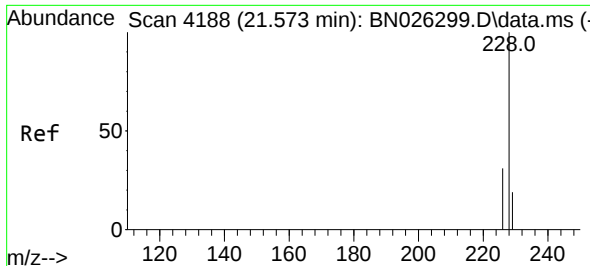


#21
Benzo(a)anthracene
Concen: 0.552 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.008 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34



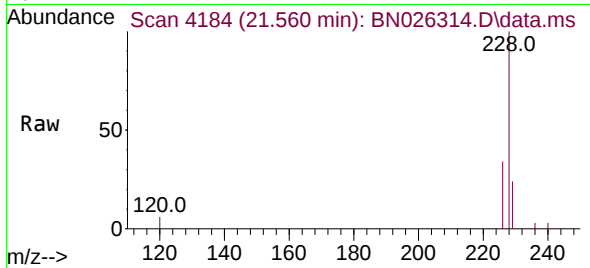
Tgt Ion:228 Resp: 31898
Ion Ratio Lower Upper
228 100
229 24.7 15.8 23.6#
226 30.9 22.5 33.7





#22
Chrysene
Concen: 0.705 ng/ul
RT: 21.560 min Scan# 4188
Delta R.T. -0.011 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

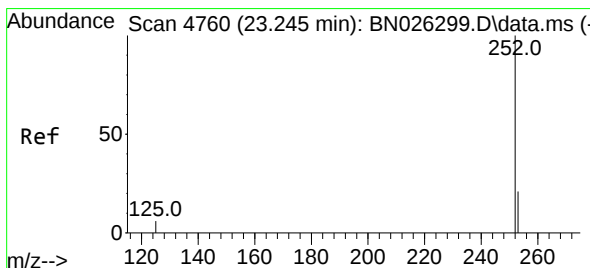
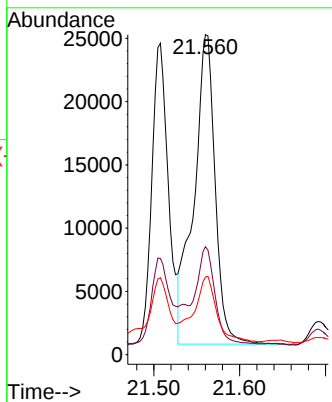
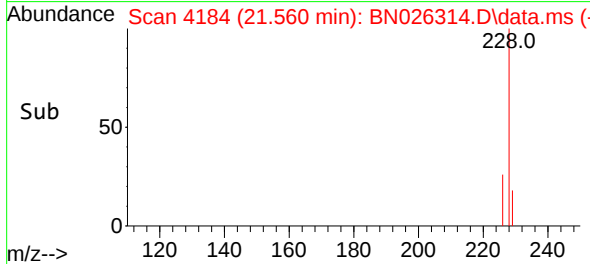
Instrument :
BNA_N
ClientSampleId :
DCGP2



Tgt Ion:228 Resp: 42400
Ion Ratio Lower Upper
228 100
226 33.7 24.8 37.2
229 24.3 15.7 23.5

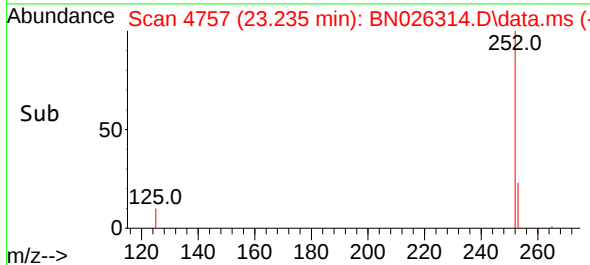
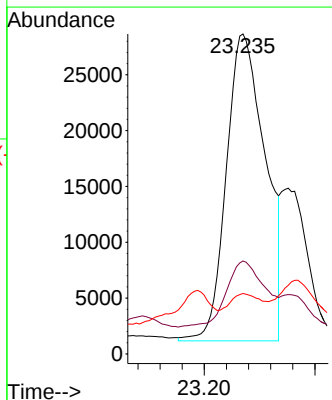
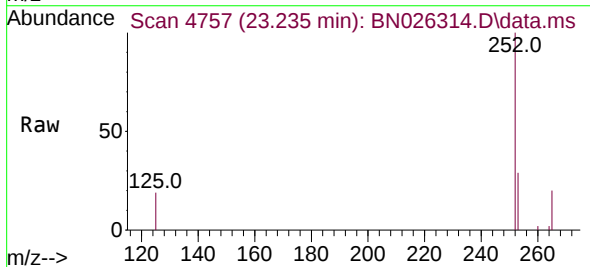
Manual Integrations
APPROVED

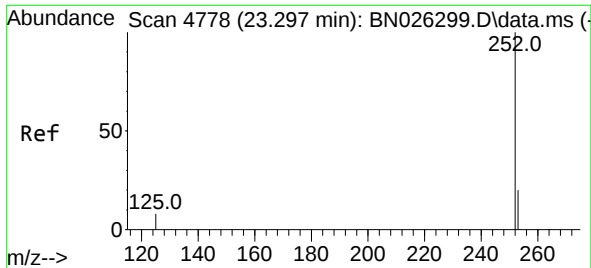
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#24
Benzo(b)fluoranthene
Concen: 0.969 ng/ul m
RT: 23.235 min Scan# 4757
Delta R.T. -0.011 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

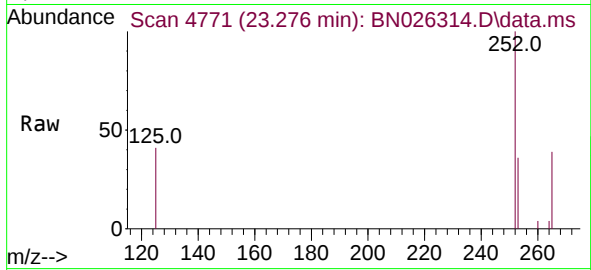
Tgt Ion:252 Resp: 67349
Ion Ratio Lower Upper
252 100
253 29.0 0.0 55.6
125 18.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul m
RT: 23.276 min Scan# 4778
Delta R.T. -0.016 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

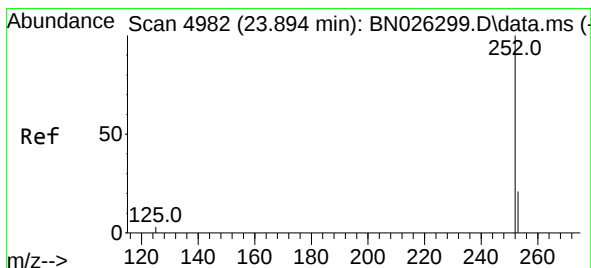
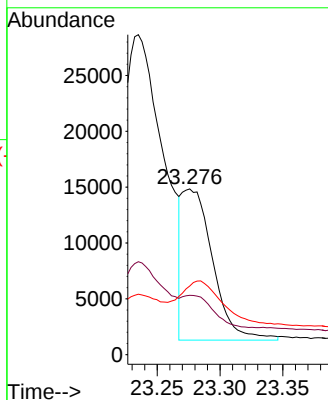
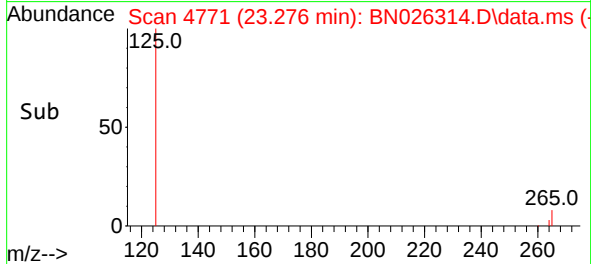
Instrument :
BNA_N
ClientSampleId :
DCGP2



Tgt Ion:252 Resp: 2308
Ion Ratio Lower Upper
252 100
253 35.8 23.2 34.8
125 41.4 15.0 22.4

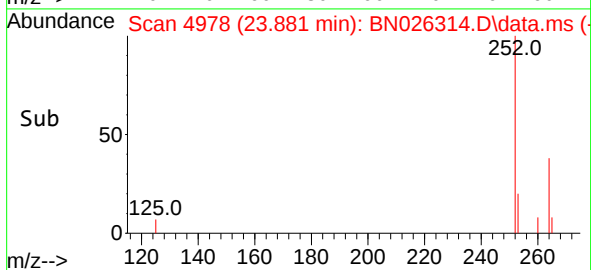
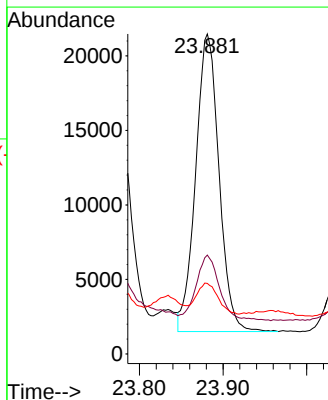
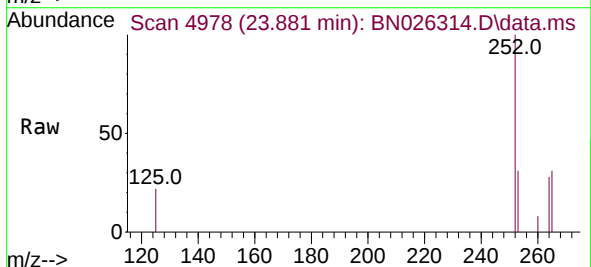
Manual Integrations
APPROVED

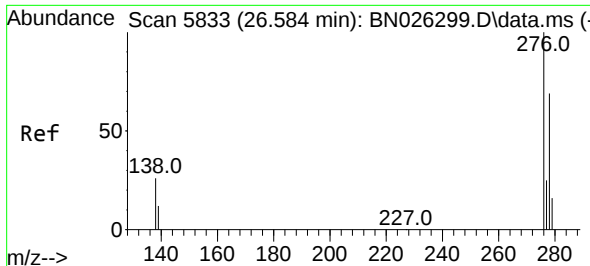
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#26
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. -0.008 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

Tgt Ion:252 Resp: 38713
Ion Ratio Lower Upper
252 100
253 30.9 26.0 39.0
125 22.1 17.3 25.9





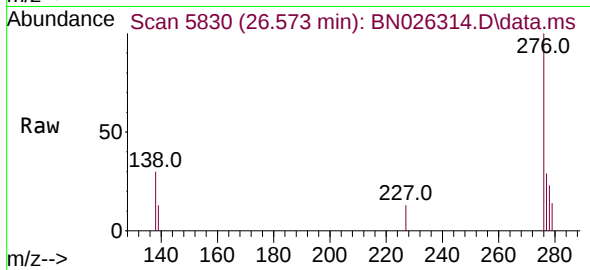
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.533 ng/ul
RT: 26.573 min Scan# 5830
Delta R.T. -0.008 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34

Instrument :

BNA_N

ClientSampleId :

DCGP2

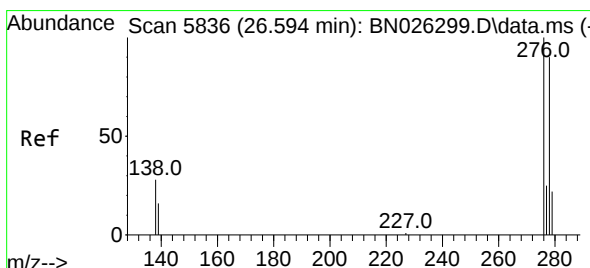
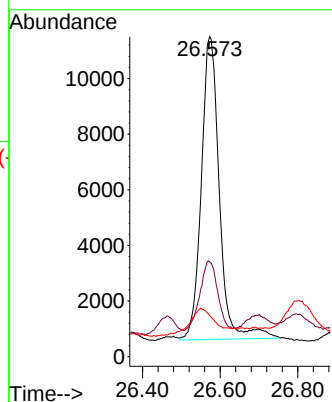
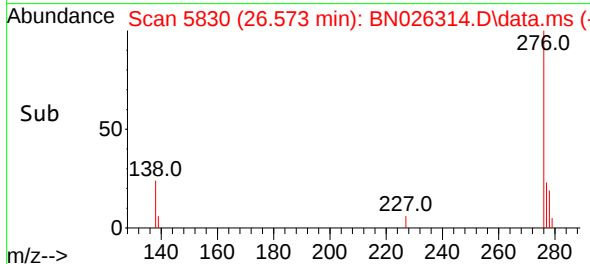


Tgt Ion:276 Resp: 3517
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0

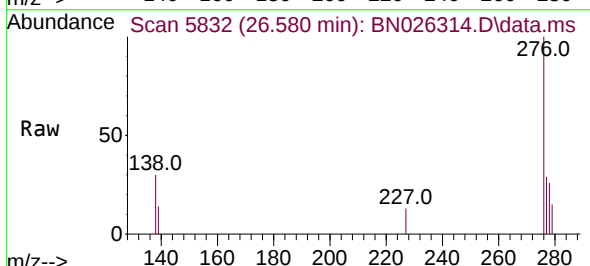
Manual Integrations

APPROVED

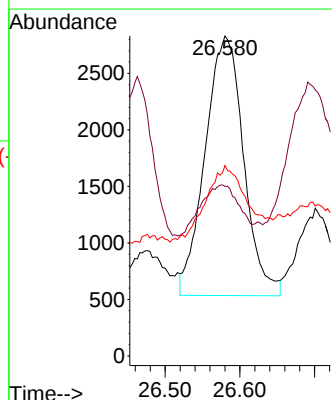
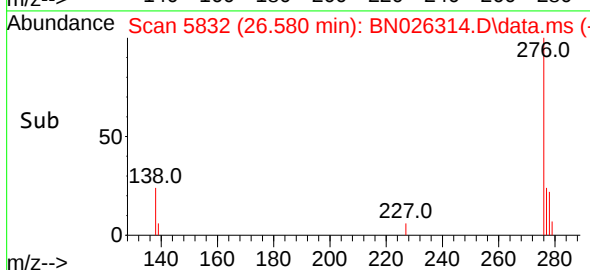
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

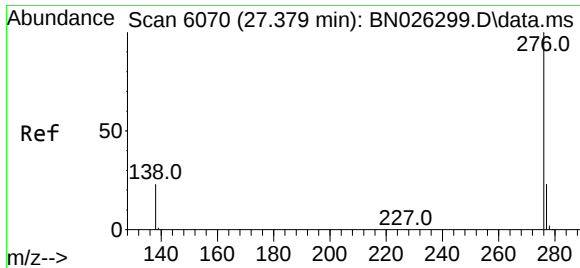


#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.015 min
Lab File: BN026314.D
Acq: 06 Jul 2023 04:34



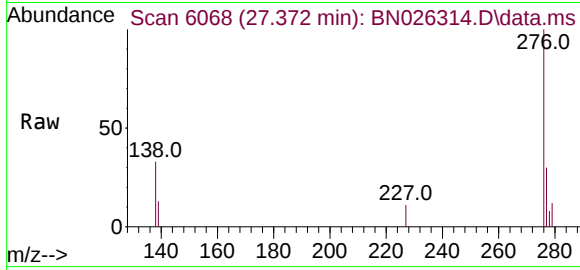
Tgt Ion:278 Resp: 8220
Ion Ratio Lower Upper
278 100
139 53.0 19.0 28.4#
279 59.5 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.498 ng/ul
 RT: 27.372 min Scan# 6068
 Delta R.T. -0.008 min
 Lab File: BN026314.D
 Acq: 06 Jul 2023 04:34

Instrument :
 BNA_N
 ClientSampleId :
 DCGP2



Tgt Ion: 276 Resp: 29240

Ion	Ratio	Lower	Upper
276	100		
138	33.0	23.4	35.0
277	29.6	20.0	30.0

Manual Integrations
 APPROVED

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

