

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026296.D
 Acq On : 05 Jul 2023 17:24
 Operator : MA/JU
 Sample : 03247-18DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM4DL

Quant Time: Jul 05 18:38:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	20703	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	11467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	20733	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	12392	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	13394	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2601	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	727	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	1263	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	274	0.042	ng/ul#	42
5) Naphthalene	10.803	128	2392	0.040	ng/ul#	86
7) 2-Methylnaphthalene	12.425	142	1117	0.030	ng/ul	99
10) Acenaphthylene	14.306	152	8653	0.161	ng/ul	96
12) Fluorene	15.634	166	1030	0.020	ng/ul#	90
15) Phenanthrene	17.380	178	17485	0.255	ng/ul	98
16) Anthracene	17.469	178	6154	0.101	ng/ul#	91
19) Fluoranthene	19.396	202	50676	0.766	ng/ul	98
20) Pyrene	19.758	202	44785	0.651	ng/ul	98
21) Benzo(a)anthracene	21.517	228	21811	0.427	ng/ul	94
22) Chrysene	21.573	228	29110	0.547	ng/ul	95
24) Benzo(b)fluoranthene	23.247	252	48177m	0.843	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	13911m	0.242	ng/ul	
26) Benzo(a)pyrene	23.888	252	27157	0.547	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.574	276	23738	0.438	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	5469	0.133	ng/ul#	54
29) Benzo(g,h,i)perylene	27.369	276	21852	0.453	ng/ul	96

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

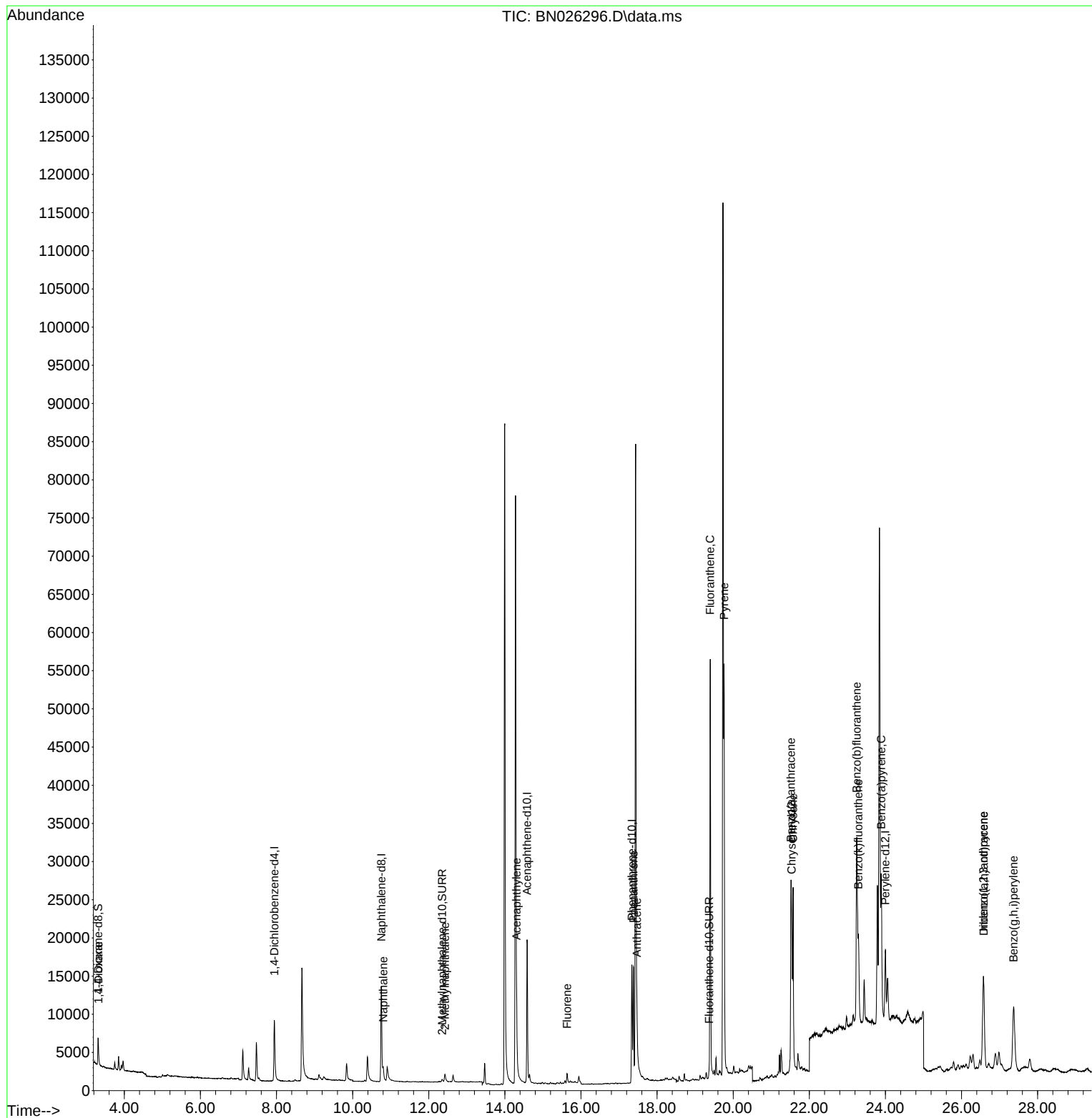
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026296.D
Acq On : 05 Jul 2023 17:24
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ALS Vial : 15 Sample Multiplier: 1

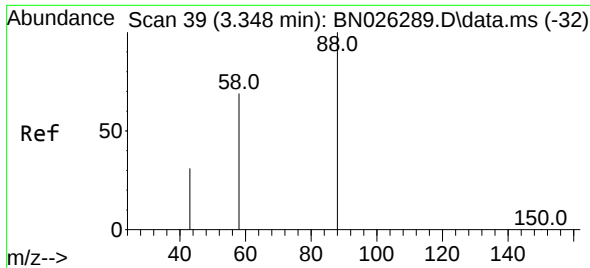
Instrument :
BNA_N
ClientSampleId :
DCGM4DL

Quant Time: Jul 05 18:38:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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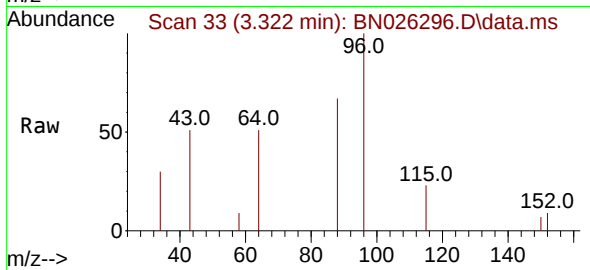
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#2
1,4-Dioxane
Concen: 0.042 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. -0.030 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

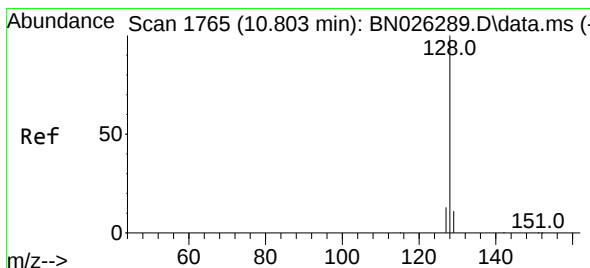
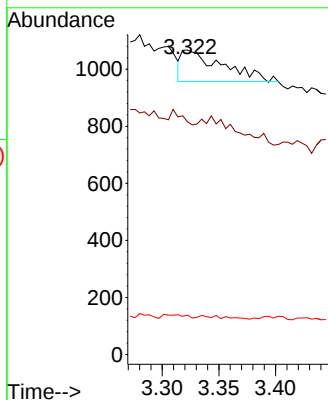
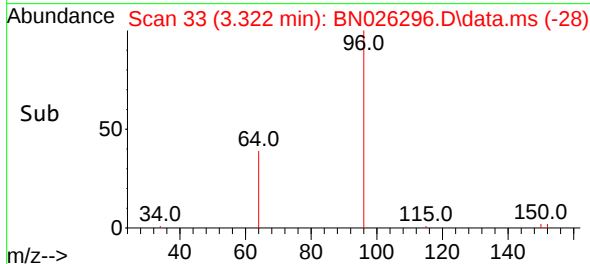
Instrument :
BNA_N
ClientSampleId :
DCGM4DL



Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
43 76.5 29.5 44.3#
58 12.9 37.4 56.2#

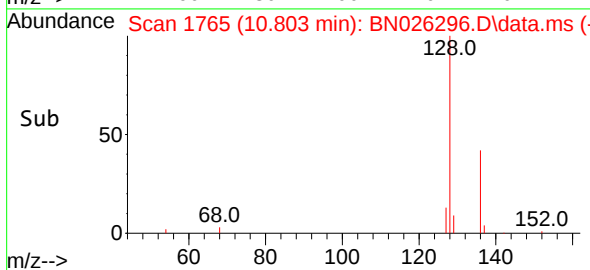
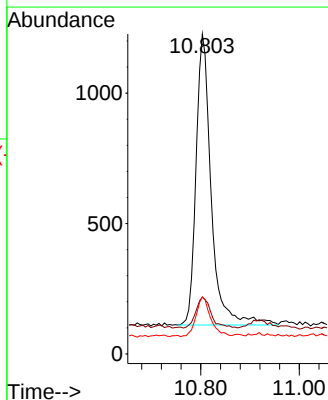
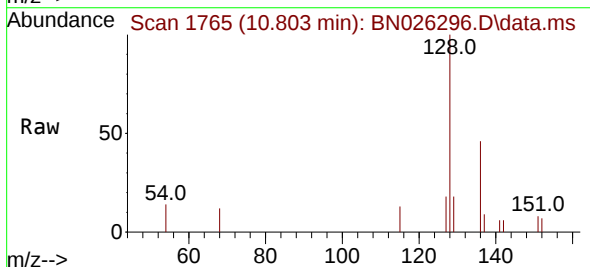
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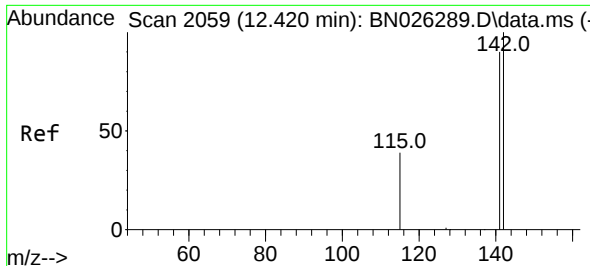
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

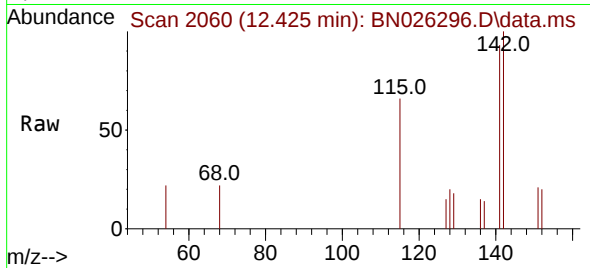
Tgt Ion:128 Resp: 2392
Ion Ratio Lower Upper
128 100
129 17.7 9.1 13.7#
127 17.8 10.7 16.1#





#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.425 min Scan# 2059
Delta R.T. 0.005 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

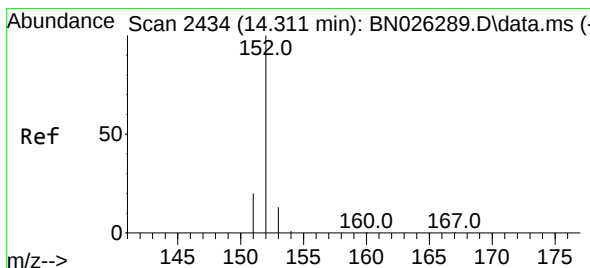
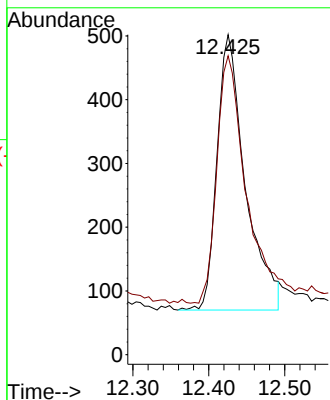
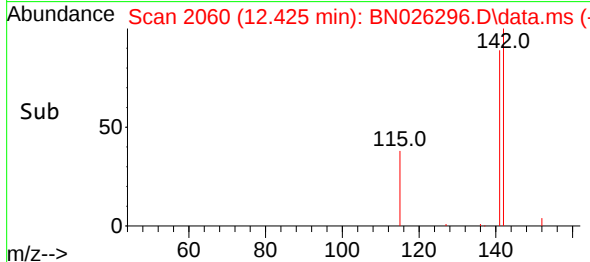
Instrument :
BNA_N
ClientSampleId :
DCGM4DL



Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9

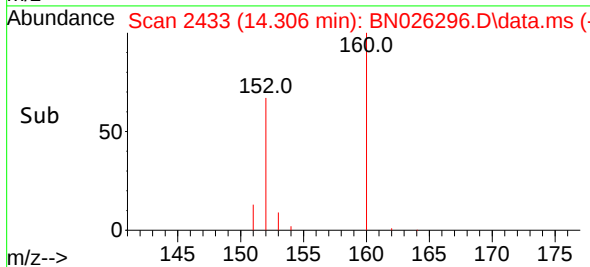
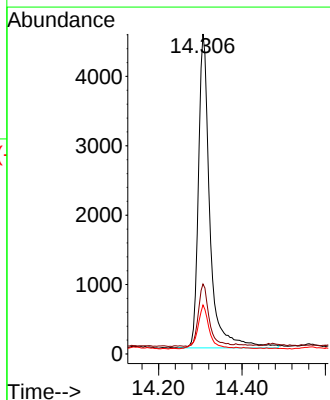
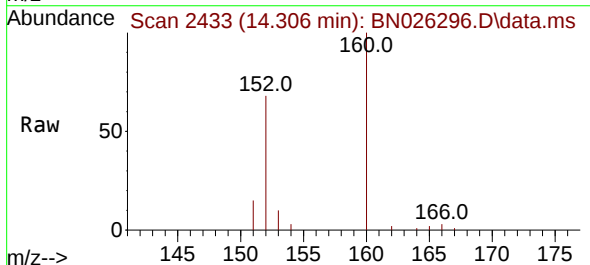
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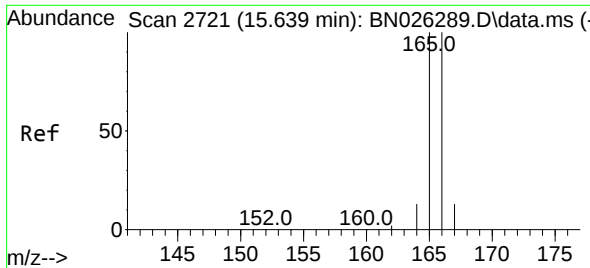
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.161 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

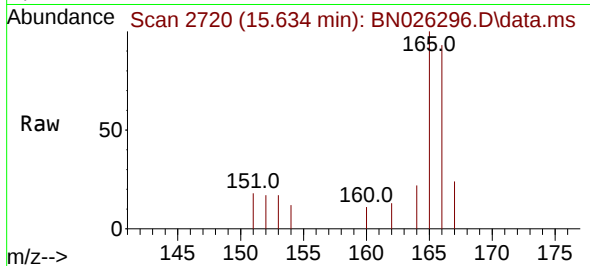
Tgt Ion:152 Resp: 8653
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 15.3 10.9 16.3





#12
Fluorene
Concen: 0.020 ng/u1
RT: 15.634 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

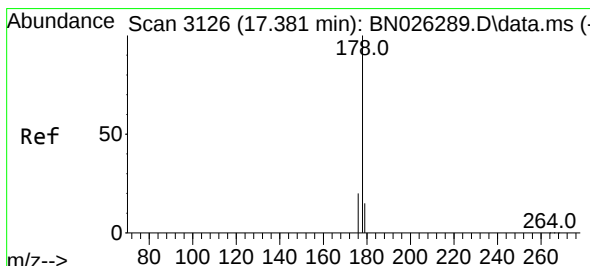
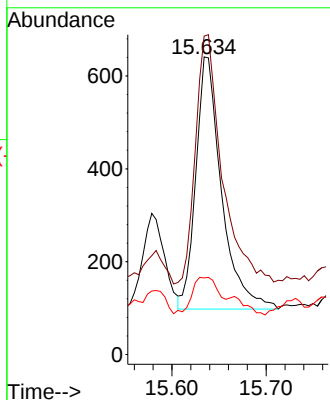
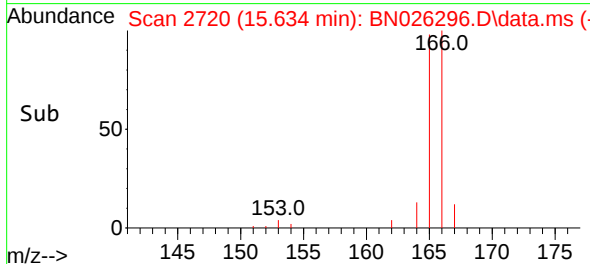
Instrument :
BNA_N
ClientSampleId :
DCGM4DL



Tgt Ion:166 Resp: 1030
Ion Ratio Lower Upper
166 100
165 107.0 79.9 119.9
167 25.7 10.8 16.2

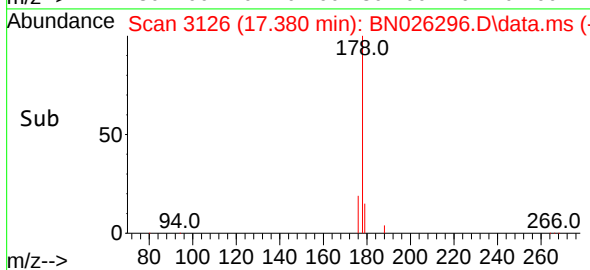
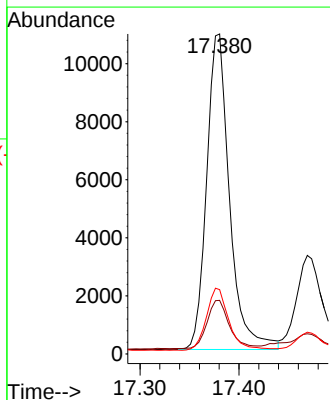
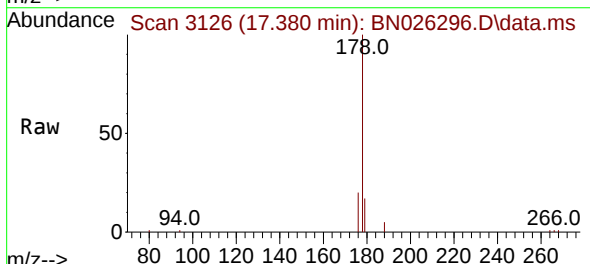
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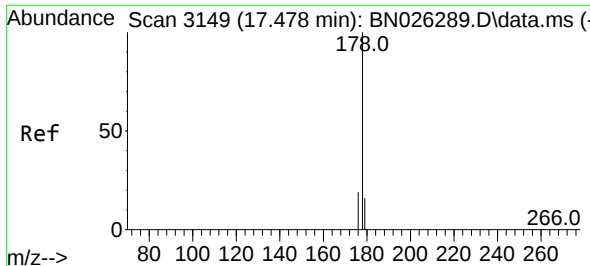
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#15
Phenanthrene
Concen: 0.255 ng/u1
RT: 17.380 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

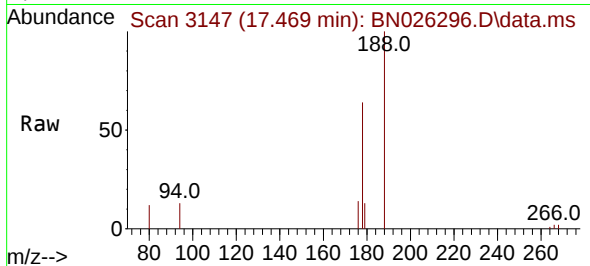
Tgt Ion:178 Resp: 17485
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.1 15.8 23.6





#16
 Anthracene
 Concen: 0.101 ng/ul
 RT: 17.469 min Scan# 3147
 Delta R.T. -0.009 min
 Lab File: BN026296.D
 Acq: 05 Jul 2023 17:24

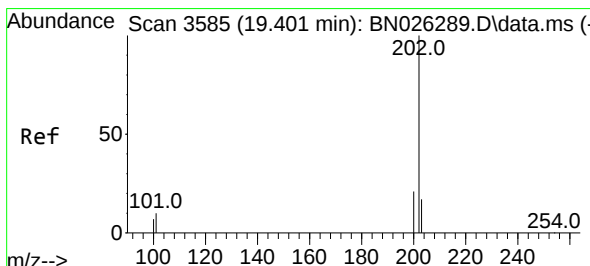
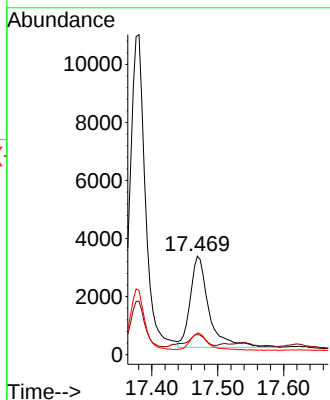
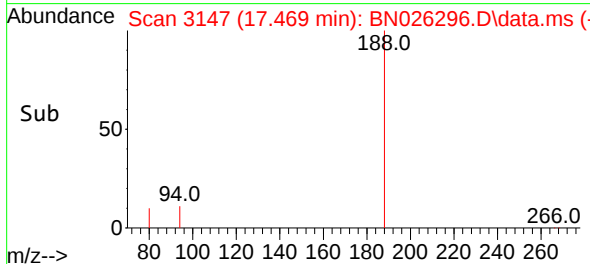
Instrument :
 BNA_N
 ClientSampleId :
 DCGM4DL



Tgt Ion:178 Resp: 6154
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.6 18.8
 176 22.0 15.1 22.7

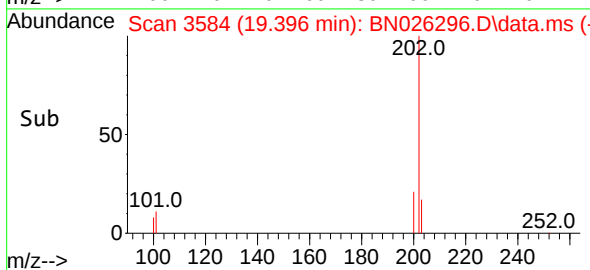
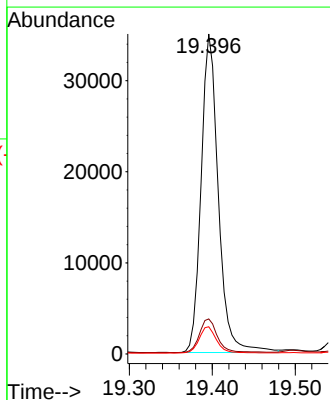
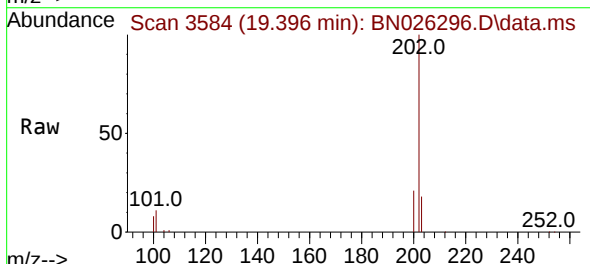
Manual Integrations
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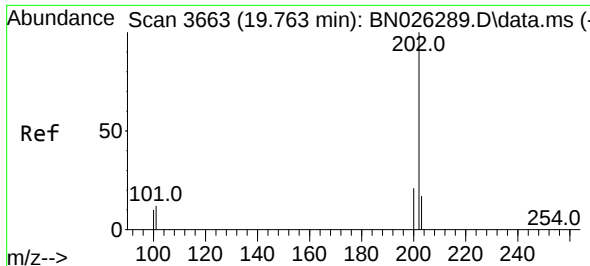
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



#19
 Fluoranthene
 Concen: 0.766 ng/ul
 RT: 19.396 min Scan# 3584
 Delta R.T. -0.006 min
 Lab File: BN026296.D
 Acq: 05 Jul 2023 17:24

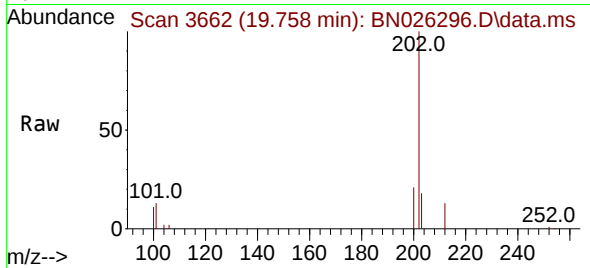
Tgt Ion:202 Resp: 50676
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.5 14.3
 100 8.5 7.3 10.9





#20
Pyrene
Concen: 0.651 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

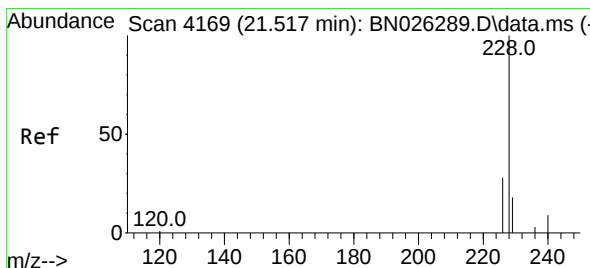
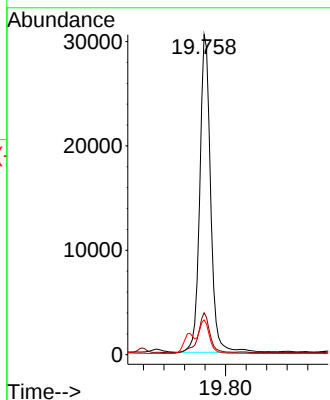
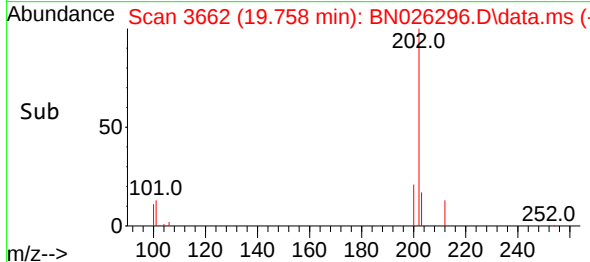
Instrument :
BNA_N
ClientSampleId :
DCGM4DL



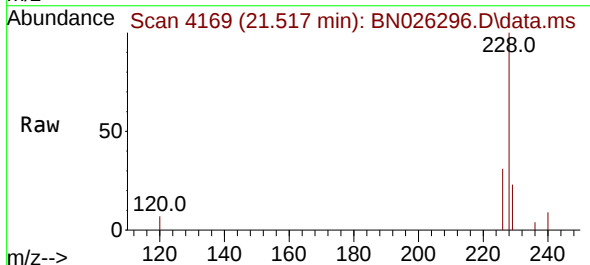
Tgt Ion:202 Resp: 44785
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.9 9.1 13.7

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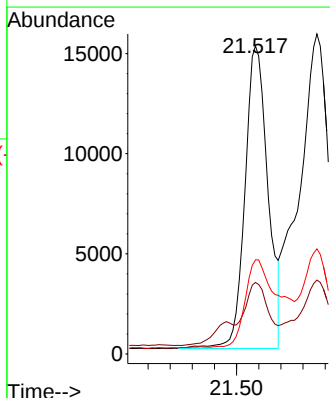
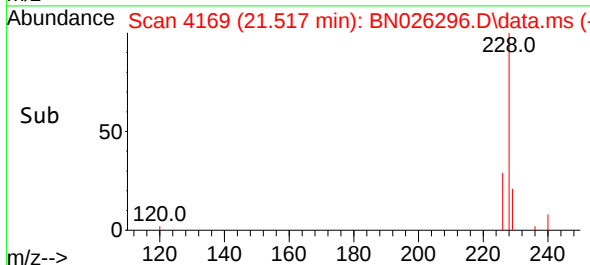
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

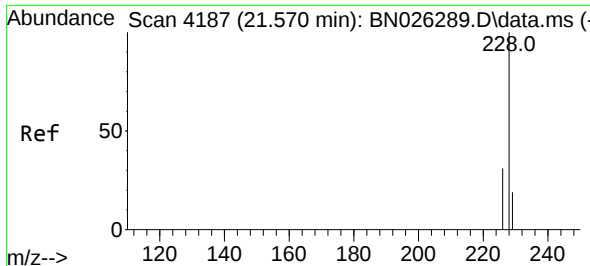


#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. 0.002 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24



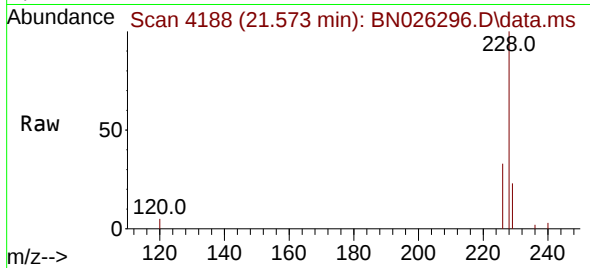
Tgt Ion:228 Resp: 21811
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 30.6 22.5 33.7





#22
Chrysene
Concen: 0.547 ng/ul
RT: 21.573 min Scan# 4187
Delta R.T. 0.002 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

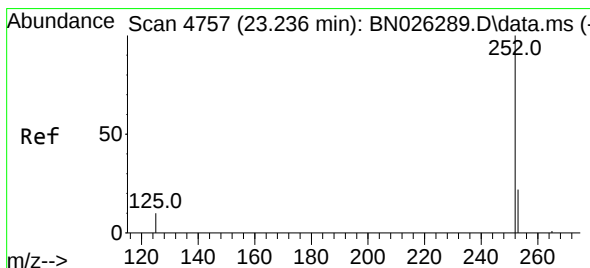
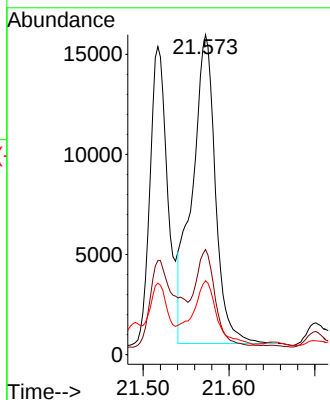
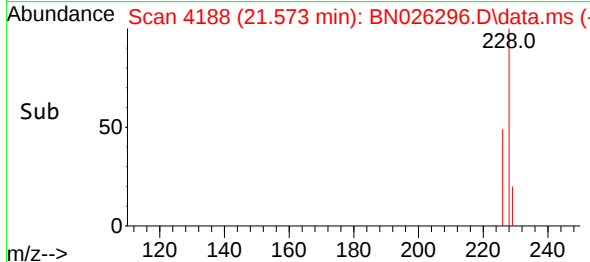
Instrument :
BNA_N
ClientSampleId :
DCGM4DL



Tgt Ion:228 Resp: 29110
Ion Ratio Lower Upper
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226 32.8 24.8 37.2
229 23.1 15.7 23.5

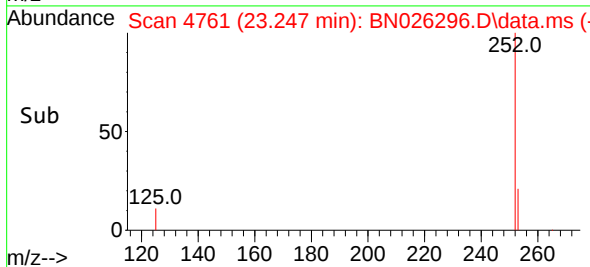
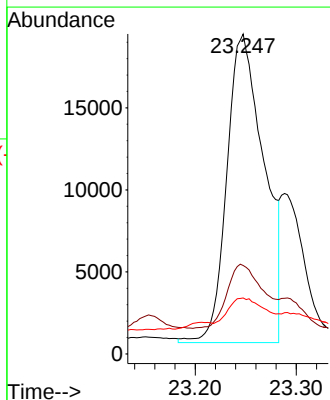
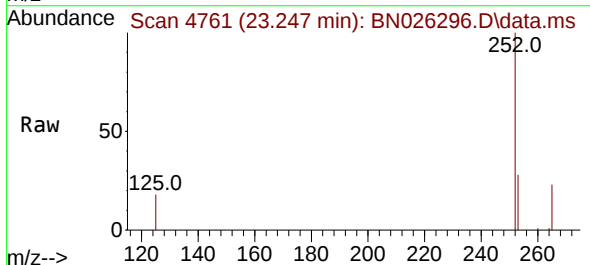
Manual Integrations
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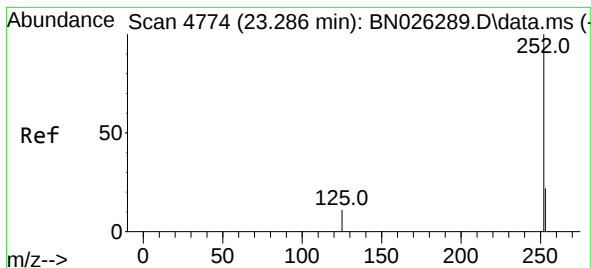
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.843 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

Tgt Ion:252 Resp: 48177
Ion Ratio Lower Upper
252 100
253 27.6 0.0 55.6
125 17.5 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.242 ng/ul m

RT: 23.288 min Scan# 4

Delta R.T. -0.004 min

Lab File: BN026296.D

Acq: 05 Jul 2023 17:24

Instrument :

BNA_N

ClientSampleId :

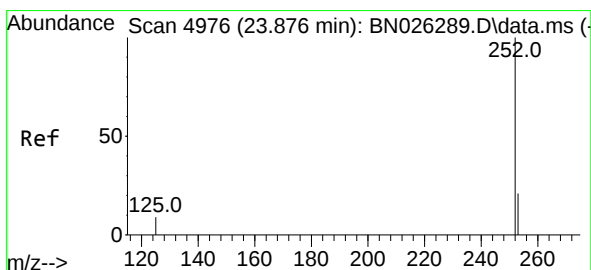
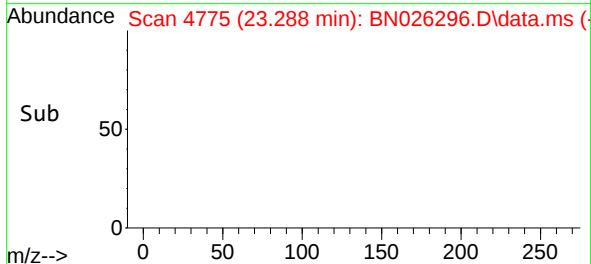
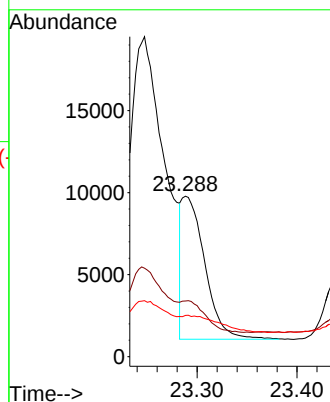
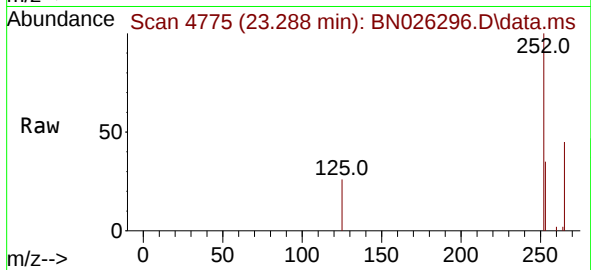
DCGM4DL

Tgt Ion:252	Resp:	1391
Ion Ratio	Lower	Upper
252	100	
253	34.7	23.2 34.8
125	25.7	15.0 22.4

Manual Integrations

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



#26

Benzo(a)pyrene

Concen: 0.547 ng/ul

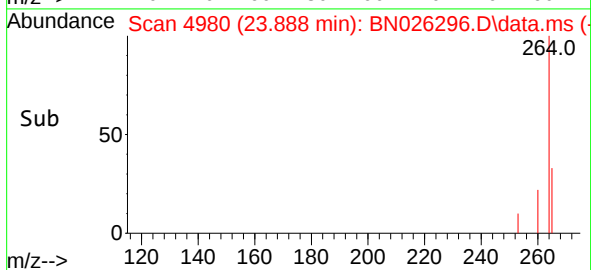
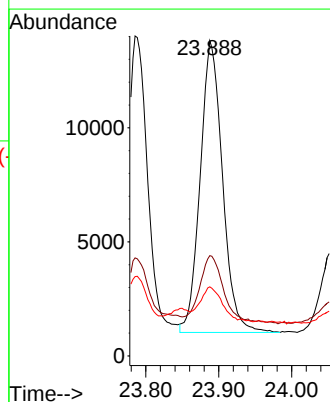
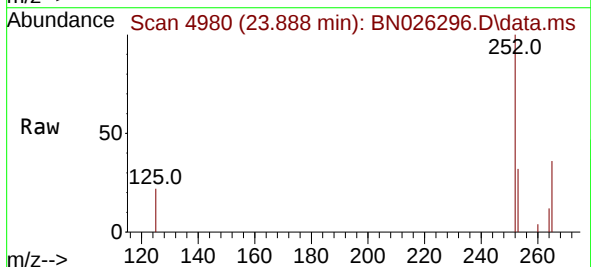
RT: 23.888 min Scan# 4980

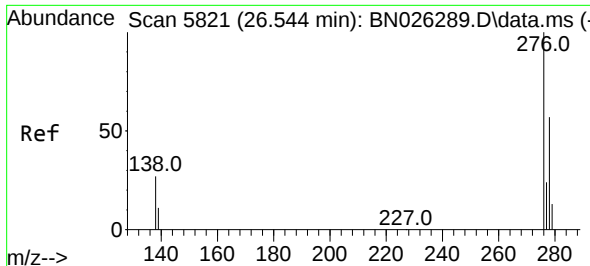
Delta R.T. -0.001 min

Lab File: BN026296.D

Acq: 05 Jul 2023 17:24

Tgt Ion:252	Resp:	27157
Ion Ratio	Lower	Upper
252	100	
253	31.8	26.0 39.0
125	21.9	17.3 25.9





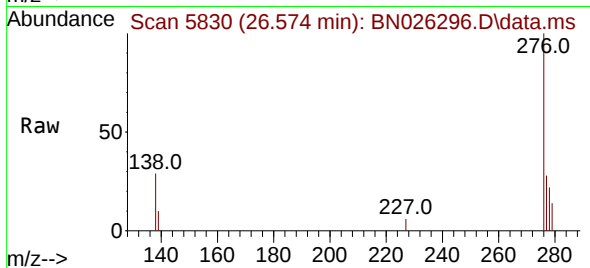
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.008 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

Instrument :

BNA_N

ClientSampleId :

DCGM4DL

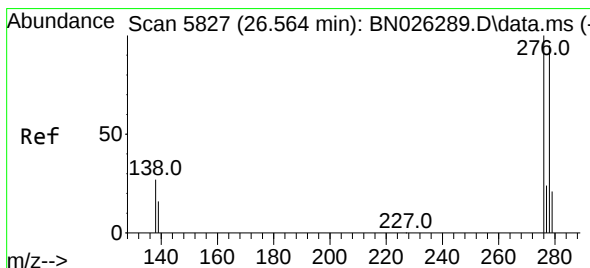
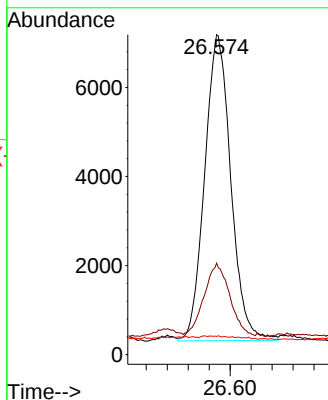
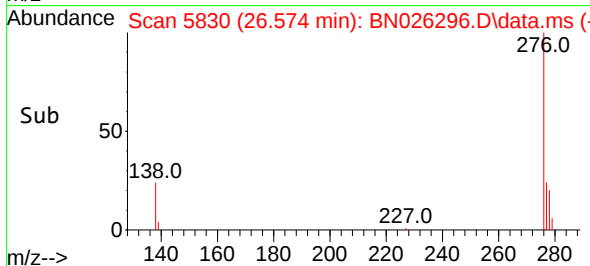


Tgt Ion:276 Resp: 23738
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0

Manual Integrations

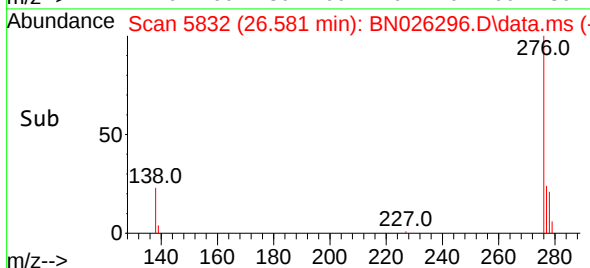
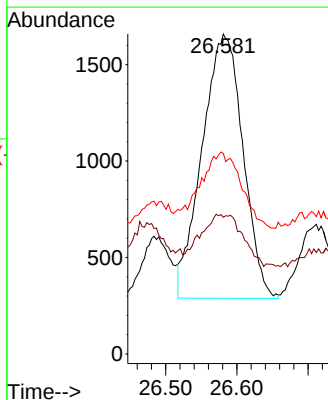
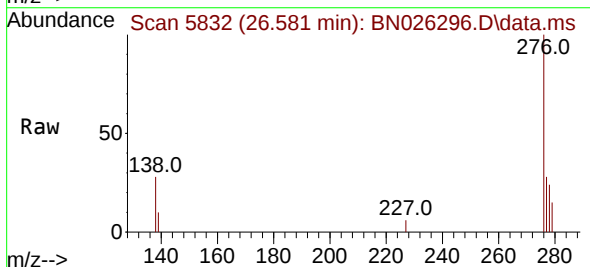
APPROVED

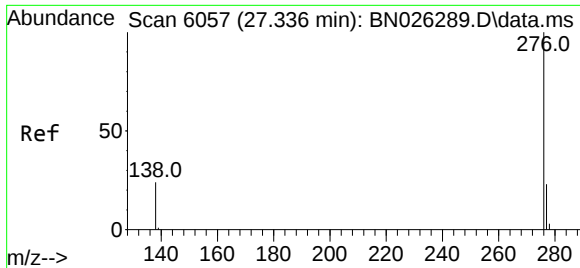
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.133 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

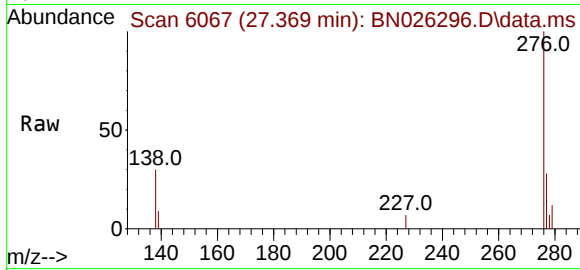
Tgt Ion:278 Resp: 5469
Ion Ratio Lower Upper
278 100
139 42.7 19.0 28.4#
279 62.7 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.369 min Scan# 6057
Delta R.T. -0.011 min
Lab File: BN026296.D
Acq: 05 Jul 2023 17:24

Instrument :
BNA_N
ClientSampleId :
DCGM4DL



Tgt Ion: 276 Resp: 2185

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.4	35.0
277	28.2	20.0	30.0

Manual Integrations
APPROVED

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

