

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026298.D
 Acq On : 05 Jul 2023 18:39
 Operator : MA/JU
 Sample : 03247-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM8

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 20:10:55 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	6232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	22618	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	13174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	26092	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	14610	0.400	ng/ul	# 0.00
23) Perylene-d12	24.002	264	15853	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	19581	2.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	5939	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	11177	0.201	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	1980	0.031	ng/ul#	81
7) 2-Methylnaphthalene	12.414	142	1264	0.031	ng/ul	96
8) 1-Methylnaphthalene	12.634	142	990	0.023	ng/ul#	80
10) Acenaphthylene	14.306	152	1706	0.028	ng/ul#	72
15) Phenanthrene	17.376	178	16102	0.187	ng/ul	97
16) Anthracene	17.469	178	2204	0.029	ng/ul#	77
19) Fluoranthene	19.396	202	43027	0.551	ng/ul	95
20) Pyrene	19.758	202	36881	0.454	ng/ul	99
21) Benzo(a)anthracene	21.517	228	18129	0.301	ng/ul#	90
22) Chrysene	21.570	228	23474	0.374	ng/ul#	91
24) Benzo(b)fluoranthene	23.245	252	36706m	0.542	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	11957m	0.176	ng/ul	
26) Benzo(a)pyrene	23.894	252	22401	0.381	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.578	276	20257	0.316	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.581	278	4733	0.097	ng/ul#	19
29) Benzo(g,h,i)perylene	27.376	276	17538	0.307	ng/ul	95

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

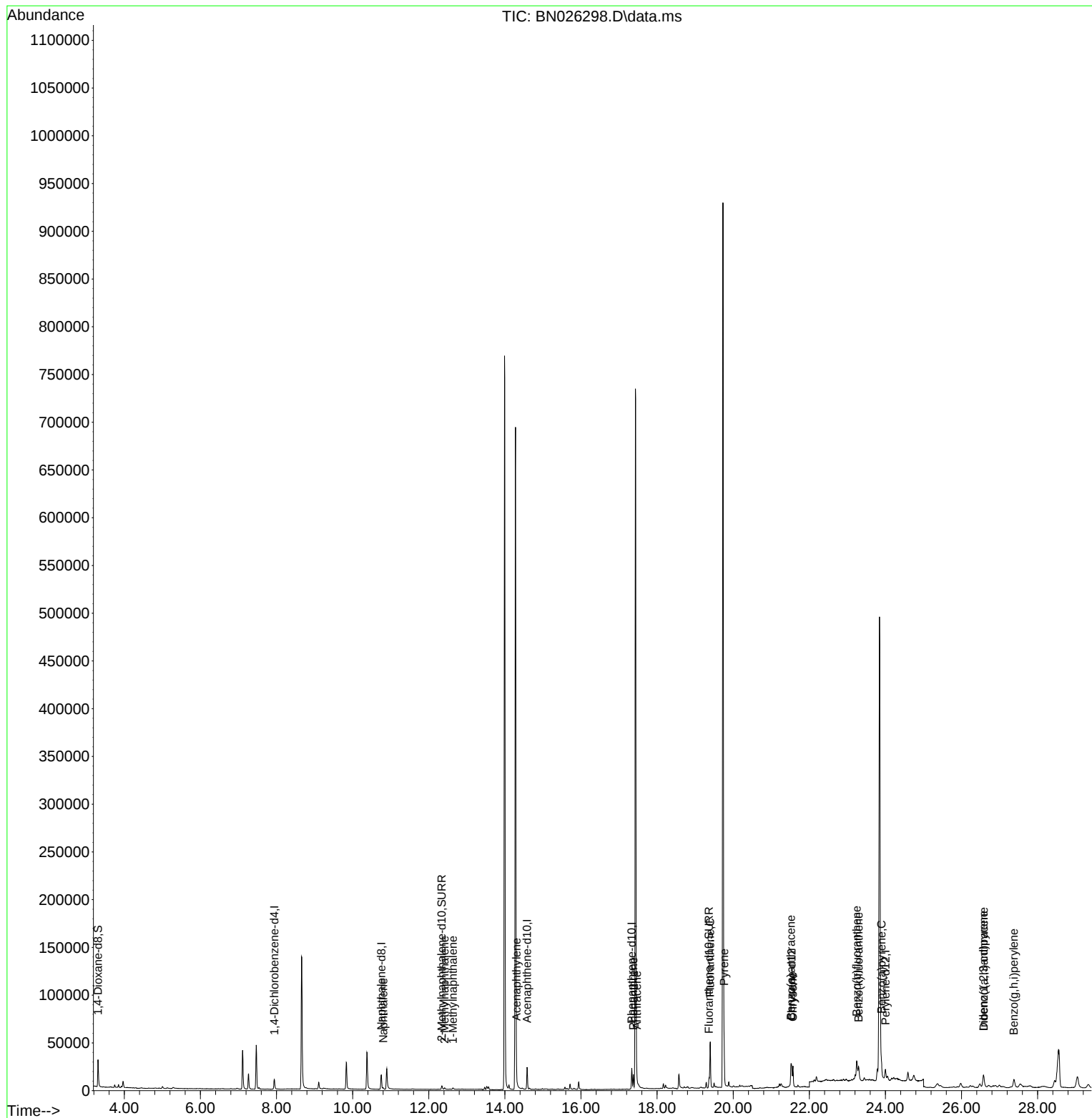
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026298.D
Acq On : 05 Jul 2023 18:39
Operator : MA/JU
Sample : 03247-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

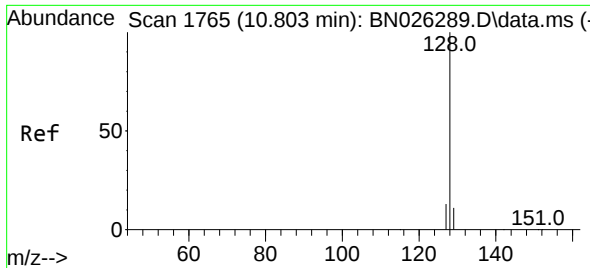
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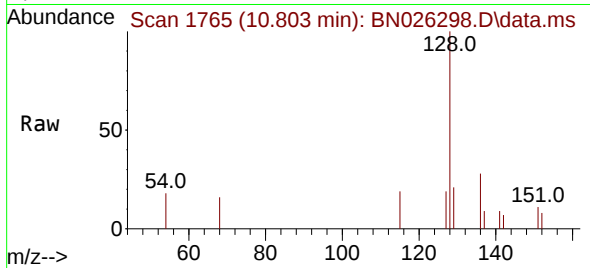
Quant Time: Jul 05 20:10:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

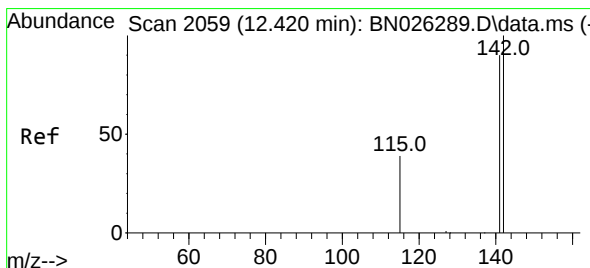
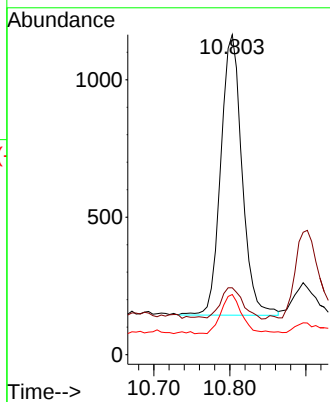
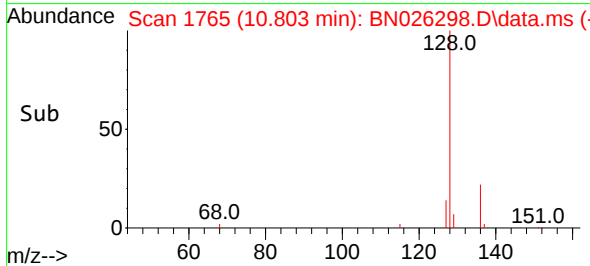
Instrument :
BNA_N
ClientSampleId :
DCGM8



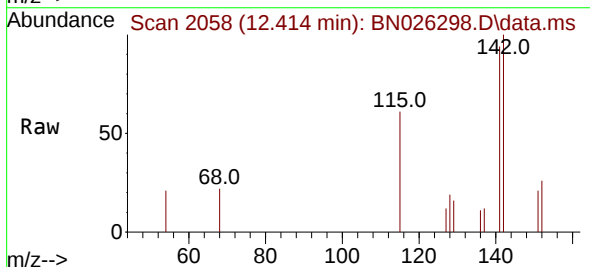
Tgt Ion:128 Resp: 1980
Ion Ratio Lower Upper
128 100
129 20.9 9.1 13.7
127 18.8 10.7 16.1

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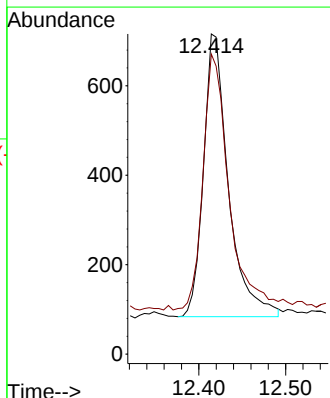
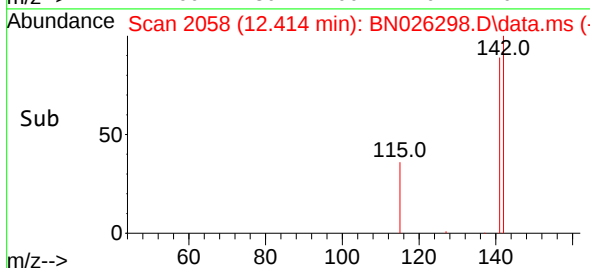
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

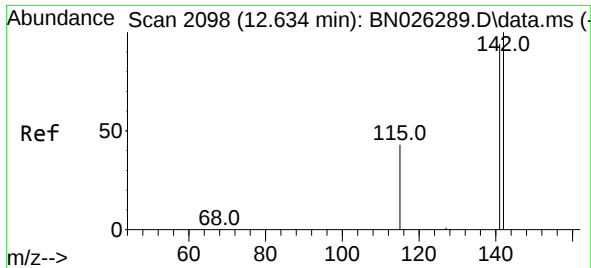


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39



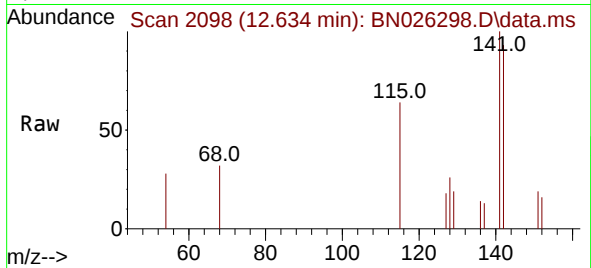
Tgt Ion:142 Resp: 1264
Ion Ratio Lower Upper
142 100
141 93.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

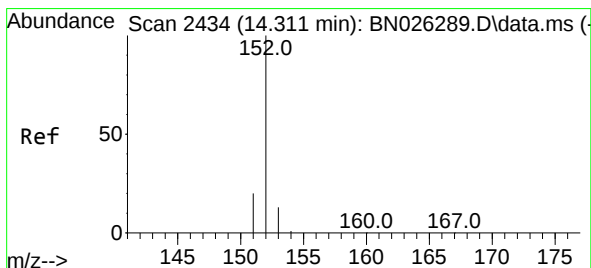
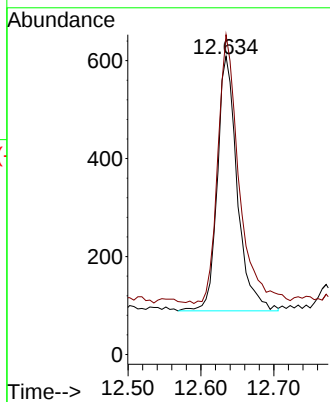
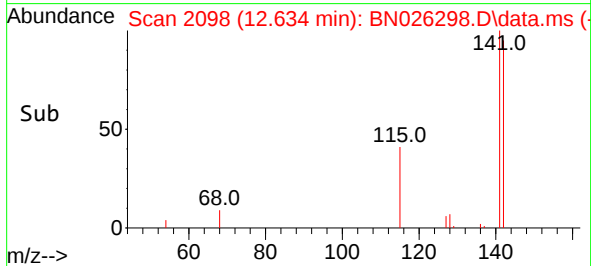
Instrument :
BNA_N
ClientSampleId :
DCGM8



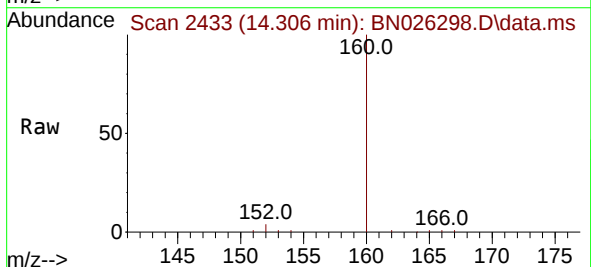
Tgt Ion:142 Resp: 990
Ion Ratio Lower Upper
142 100
141 112.2 74.2 111.4#

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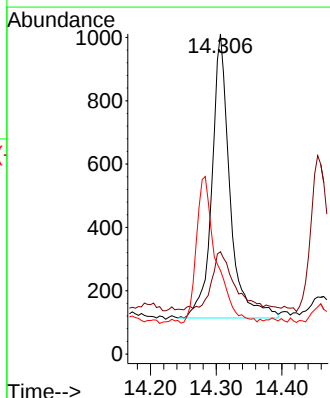
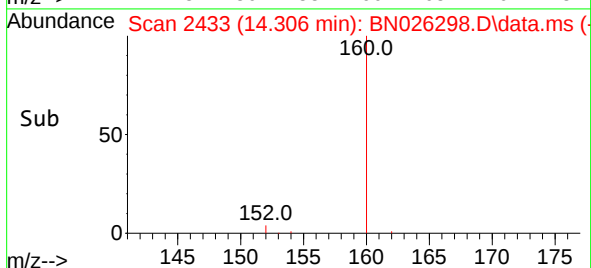
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

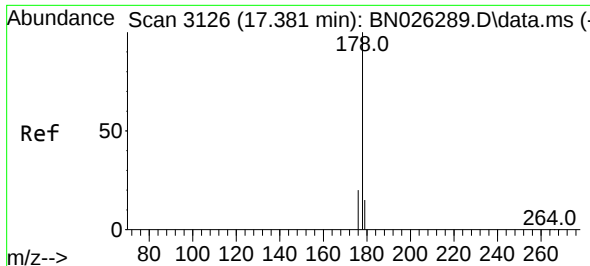


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39



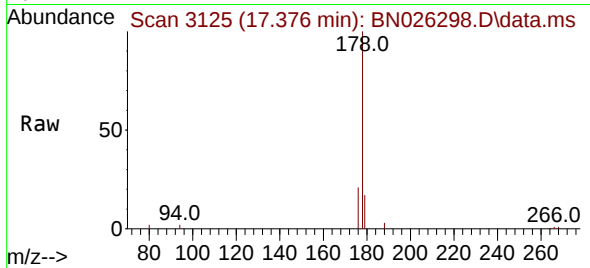
Tgt Ion:152 Resp: 1706
Ion Ratio Lower Upper
152 100
151 31.9 16.2 24.4#
153 26.1 10.9 16.3#





#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

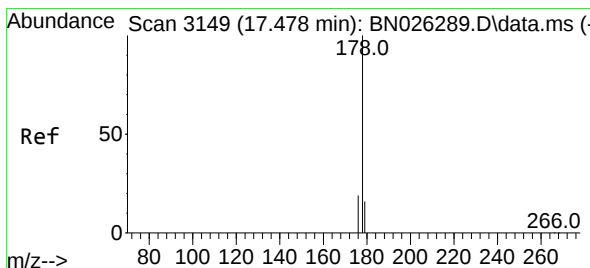
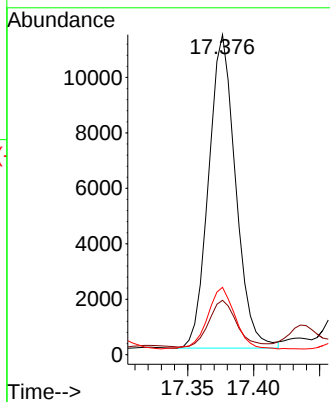
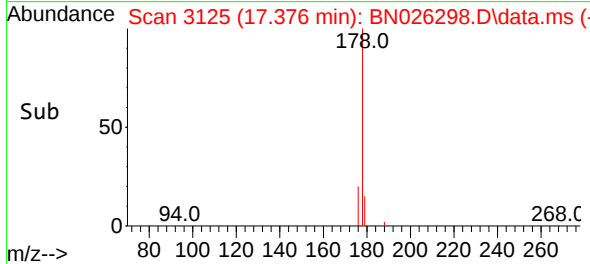
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:178 Resp: 1610
Ion Ratio Lower Upper
178 100
179 17.0 12.6 19.0
176 21.0 15.8 23.6

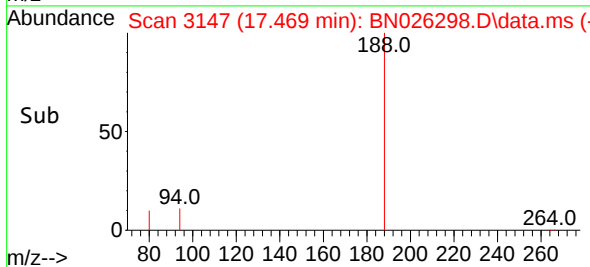
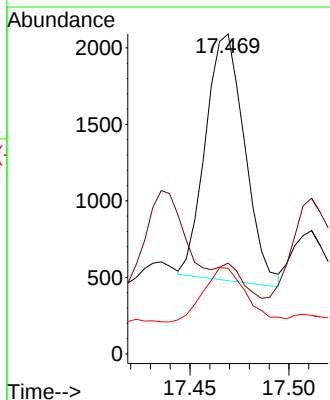
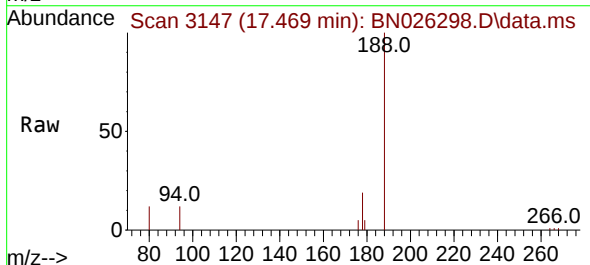
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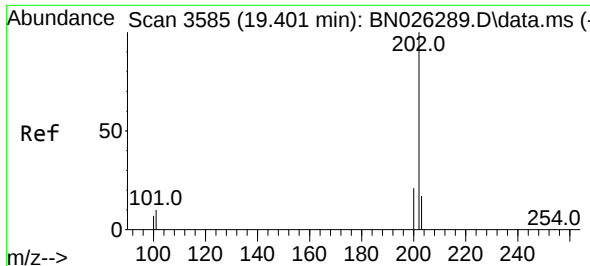
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

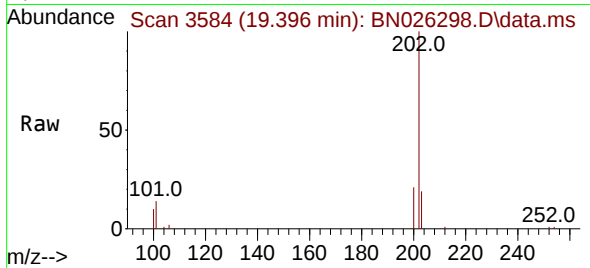
Tgt Ion:178 Resp: 2204
Ion Ratio Lower Upper
178 100
179 28.4 12.6 18.8#
176 26.8 15.1 22.7#





#19
Fluoranthene
Concen: 0.551 ng/ul
RT: 19.396 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

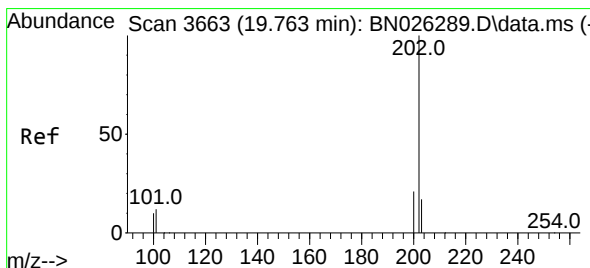
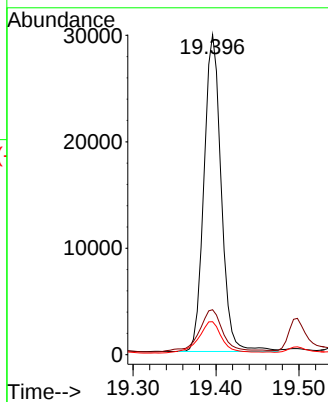
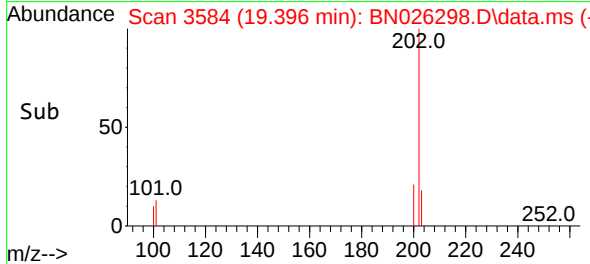
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:202 Resp: 43021
Ion Ratio Lower Upper
202 100
101 14.1 9.5 14.3
100 10.3 7.3 10.9

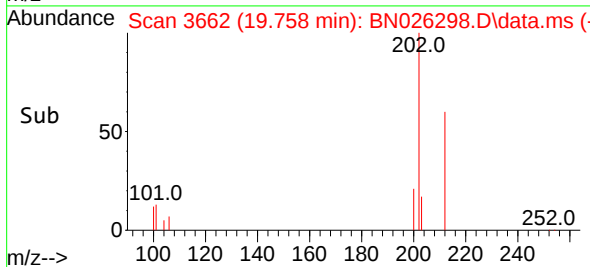
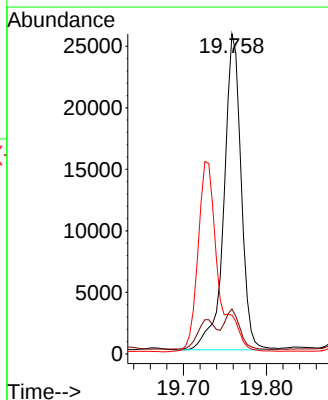
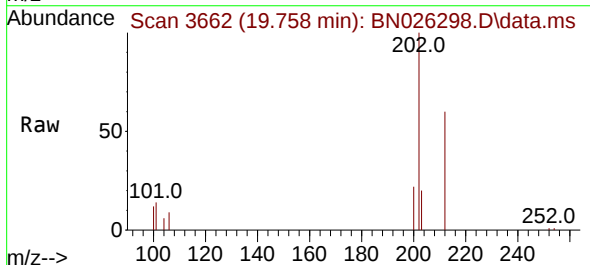
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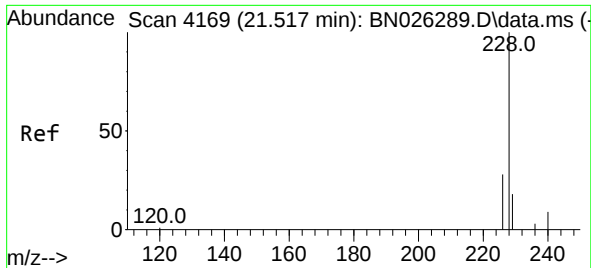
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

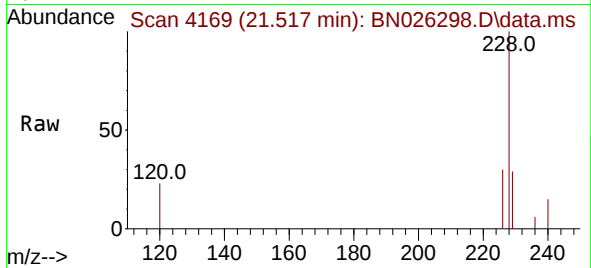
Tgt Ion:202 Resp: 36881
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 12.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. 0.002 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

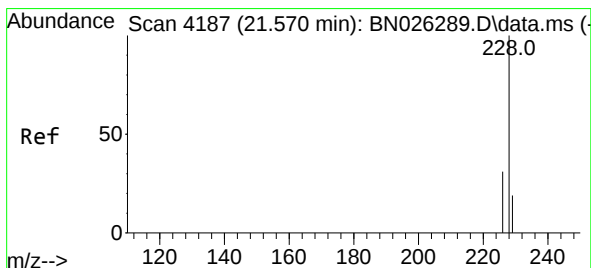
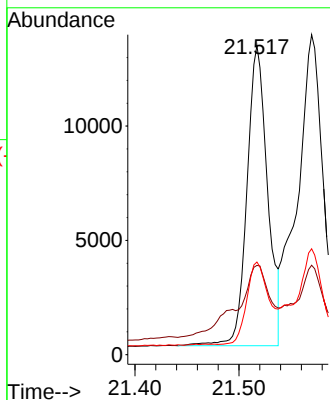
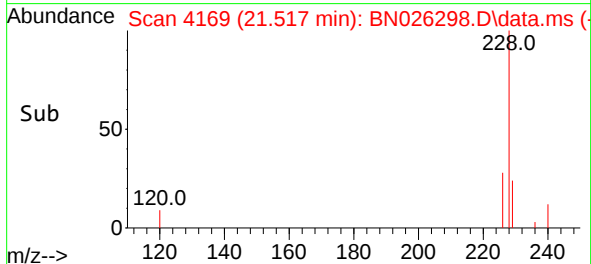
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:228 Resp: 18129
Ion Ratio Lower Upper
228 100
229 28.9 15.8 23.6
226 30.0 22.5 33.7

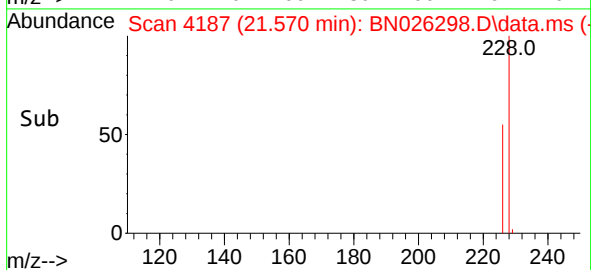
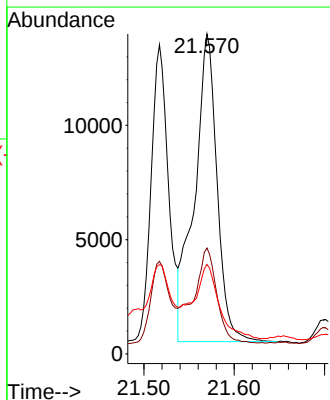
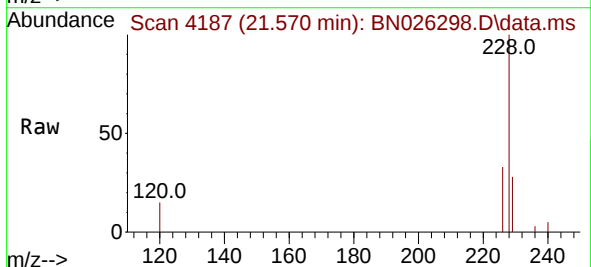
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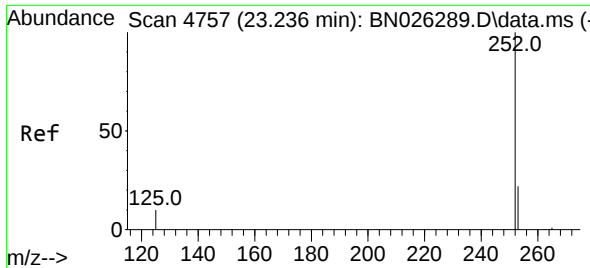
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

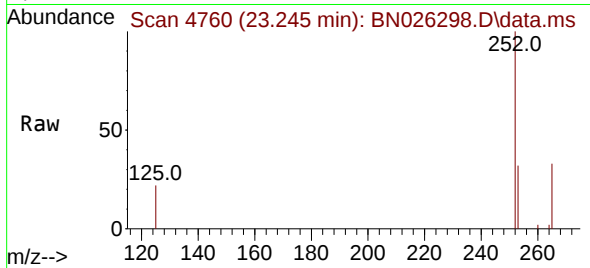
Tgt Ion:228 Resp: 23474
Ion Ratio Lower Upper
228 100
226 33.1 24.8 37.2
229 28.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.001 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

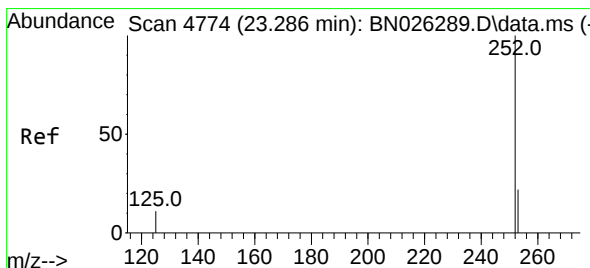
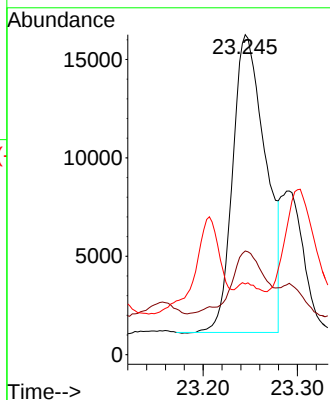
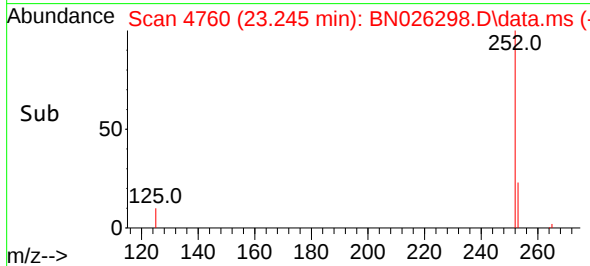
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:252 Resp: 36700
Ion Ratio Lower Upper
252 100
253 32.4 0.0 55.6
125 22.1 0.0 35.8

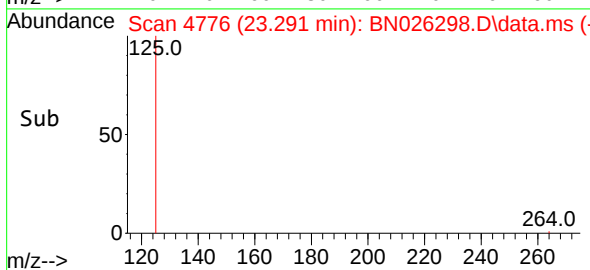
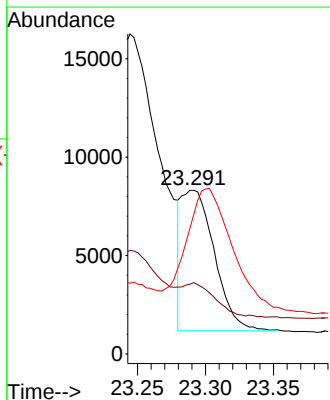
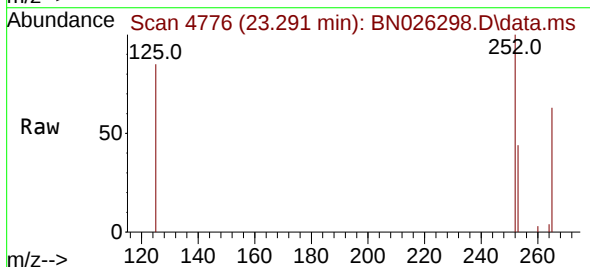
Manual Integrations
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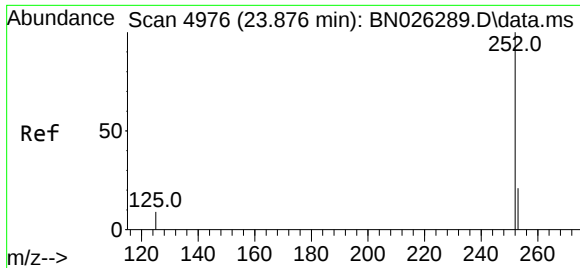
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.001 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

Tgt Ion:252 Resp: 11957
Ion Ratio Lower Upper
252 100
253 43.6 23.2 34.8#
125 85.2 15.0 22.4#





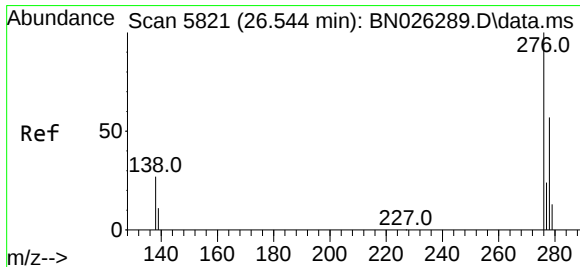
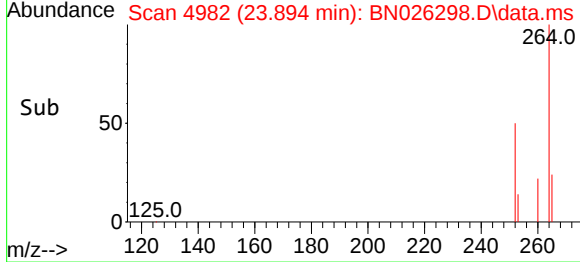
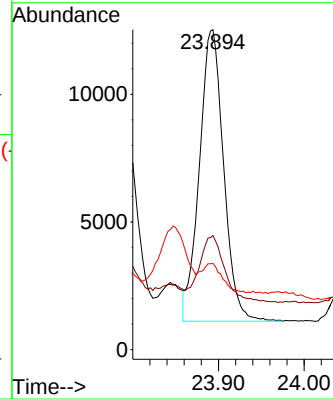
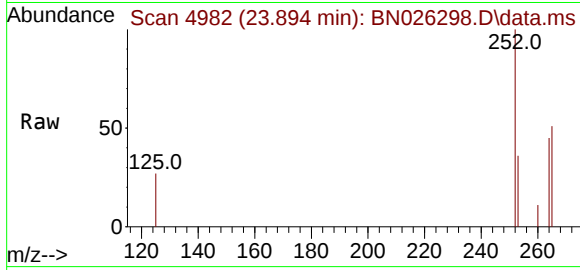
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.894 min Scan# 4976
Delta R.T. 0.005 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

Instrument :
BNA_N
ClientSampleId :
DCGM8

Tgt Ion:252 Resp: 2240
Ion Ratio Lower Upper
252 100
253 35.7 26.0 39.0
125 27.0 17.3 25.9

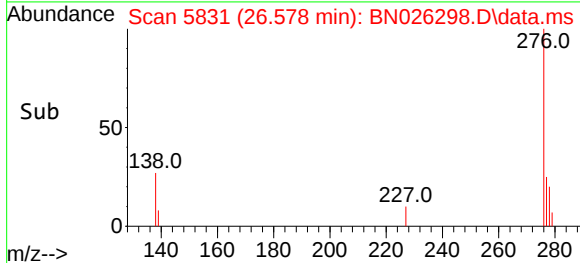
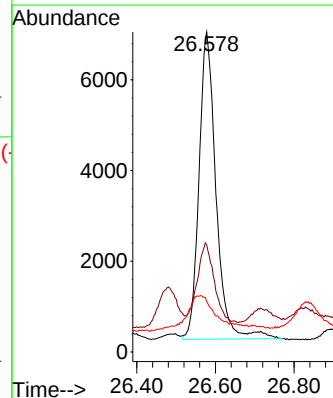
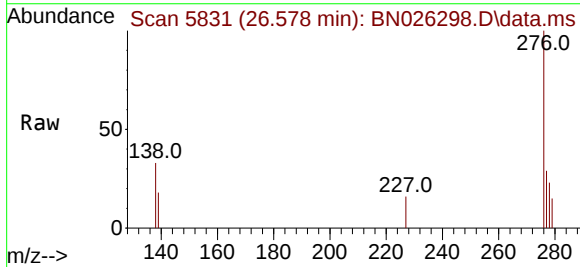
Manual Integrations
APPROVED

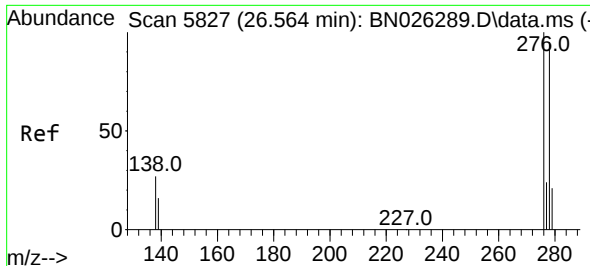
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

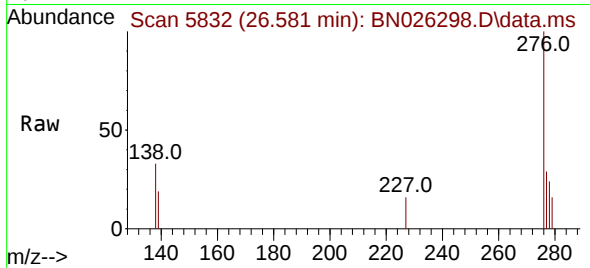
Tgt Ion:276 Resp: 20257
Ion Ratio Lower Upper
276 100
138 26.6 24.5 36.7
227 23.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39

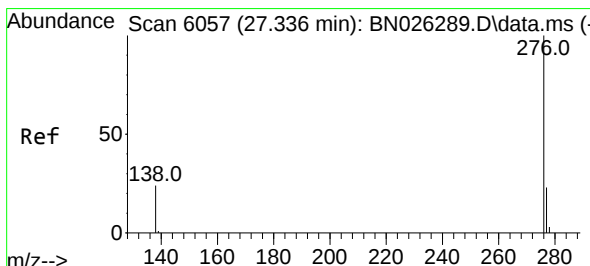
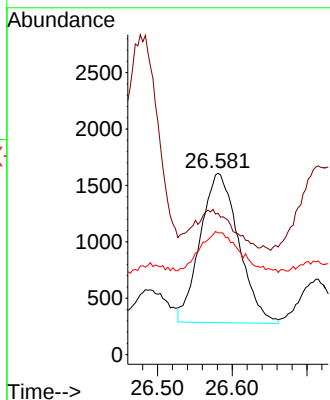
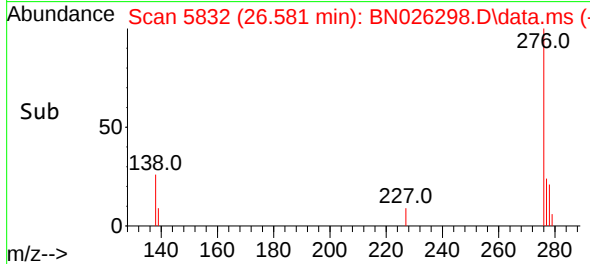
Instrument :
BNA_N
ClientSampleId :
DCGM8



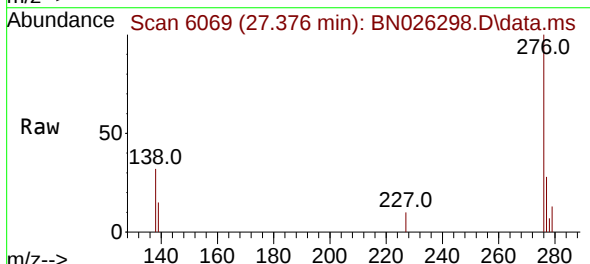
Tgt Ion:278 Resp: 473
Ion Ratio Lower Upper
278 100
139 77.9 19.0 28.4
279 67.1 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.307 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.004 min
Lab File: BN026298.D
Acq: 05 Jul 2023 18:39



Tgt Ion:276 Resp: 17538
Ion Ratio Lower Upper
276 100
138 31.5 23.4 35.0
277 28.0 20.0 30.0

