

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026294.D
 Acq On : 05 Jul 2023 16:10
 Operator : MA/JU
 Sample : 03247-16DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM2DL

Quant Time: Jul 05 16:45:44 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	6027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	17259	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	10945	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	20162	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	11831	0.400	ng/ul	# 0.00
23) Perylene-d12	24.004	264	11686	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3157	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	893	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	1497	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	3066	0.062	ng/ul#	90
7) 2-Methylnaphthalene	12.420	142	1776	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	1232	0.038	ng/ul	96
10) Acenaphthylene	14.307	152	6051	0.118	ng/ul	95
11) Acenaphthene	14.650	153	1173	0.028	ng/ul	95
12) Fluorene	15.635	166	1436	0.030	ng/ul#	96
15) Phenanthrene	17.377	178	35345	0.531	ng/ul	100
16) Anthracene	17.470	178	10297	0.174	ng/ul	96
19) Fluoranthene	19.397	202	92389	1.462	ng/ul	98
20) Pyrene	19.759	202	79177	1.205	ng/ul	97
21) Benzo(a)anthracene	21.519	228	40431	0.828	ng/ul	96
22) Chrysene	21.572	228	44786	0.882	ng/ul	96
24) Benzo(b)fluoranthene	23.256	252	59532m	1.194	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	19349m	0.386	ng/ul	
26) Benzo(a)pyrene	23.896	252	36083	0.833	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.580	276	33944	0.717	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.580	278	7956	0.222	ng/ul#	73
29) Benzo(g,h,i)perylene	27.382	276	32869	0.781	ng/ul	96

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

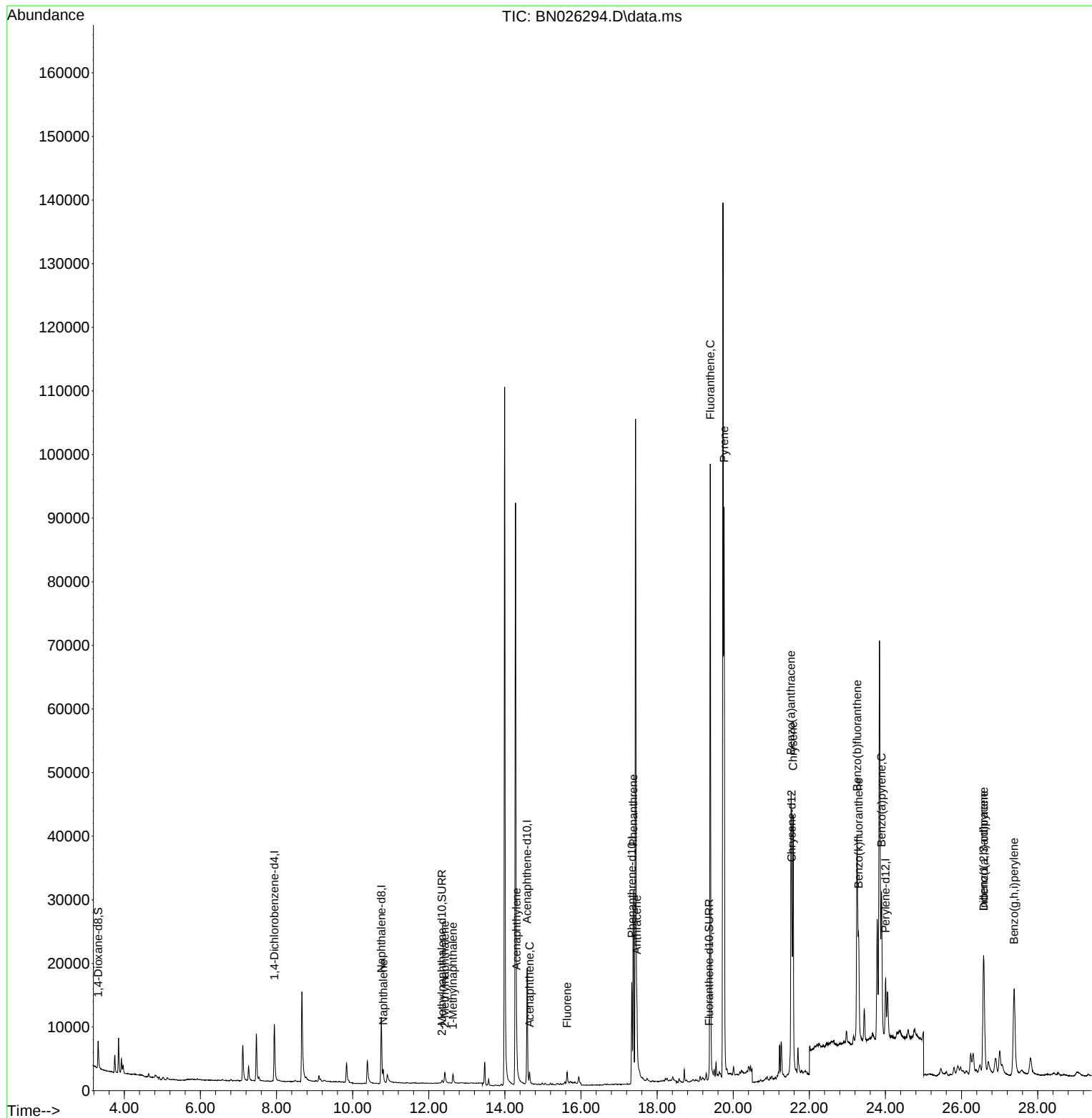
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026294.D
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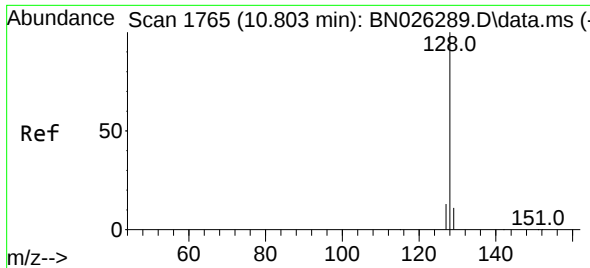
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Quant Time: Jul 05 16:45:44 2023
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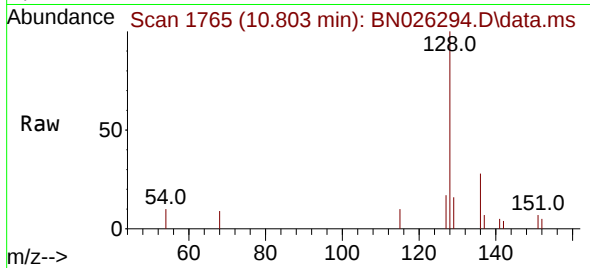
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

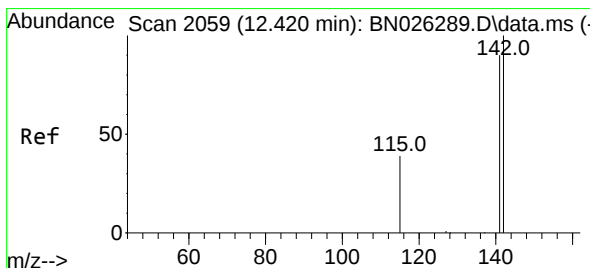
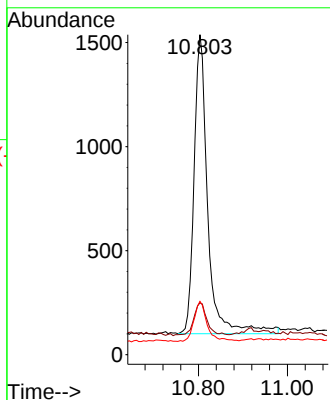
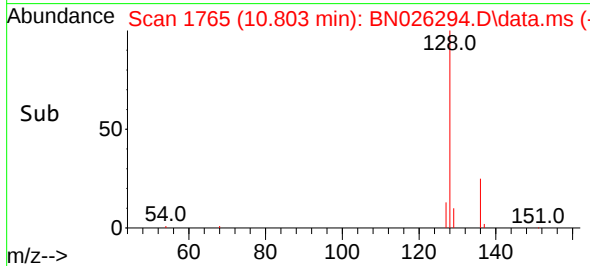
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



Tgt Ion:128 Resp: 3060
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7
127 16.6 10.7 16.1

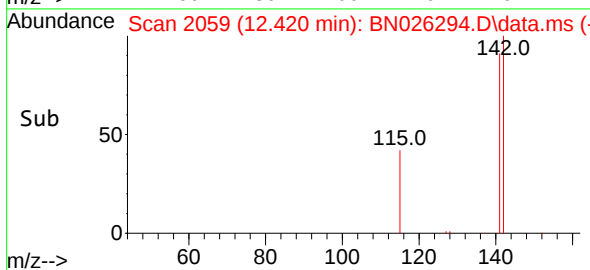
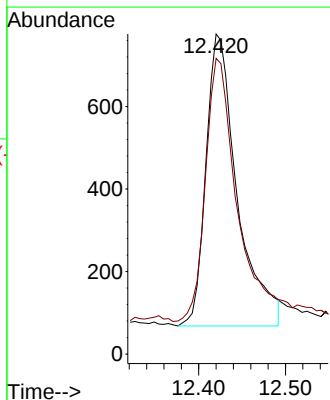
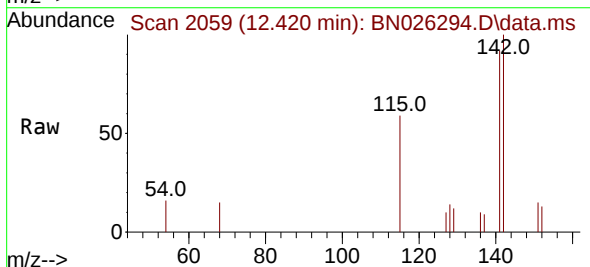
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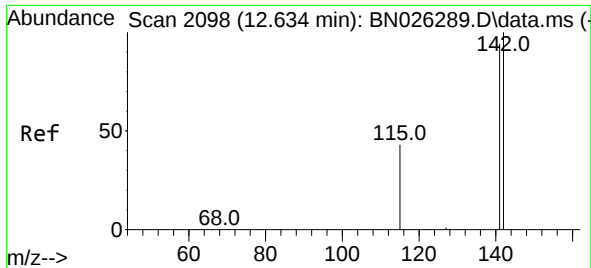
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

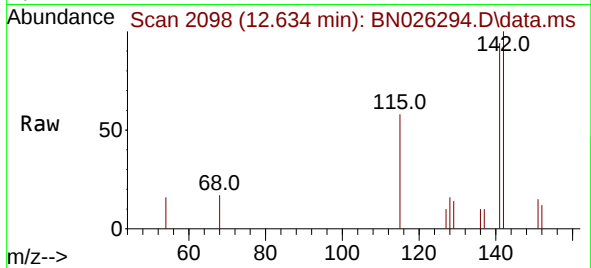
Tgt Ion:142 Resp: 1776
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

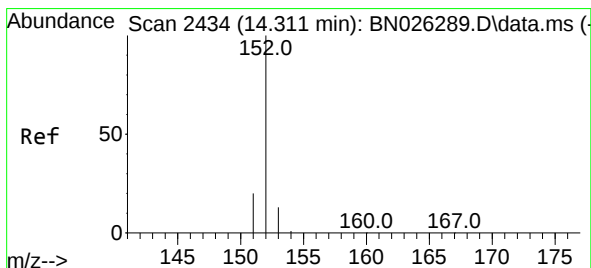
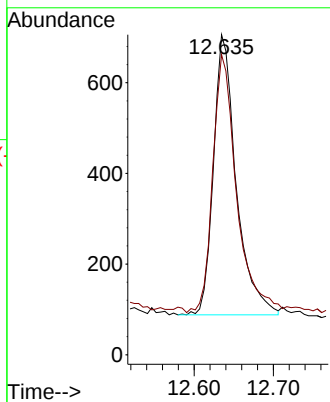
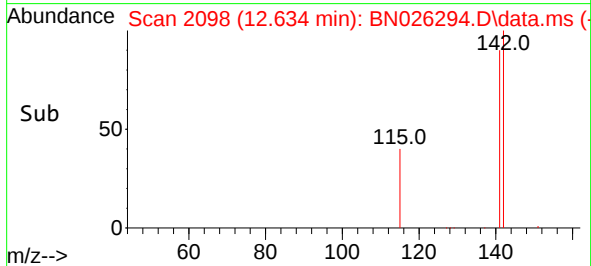
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
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141 96.3 74.2 111.4

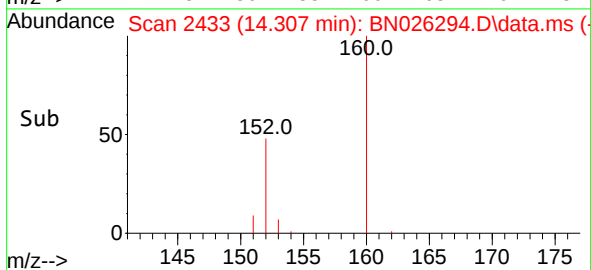
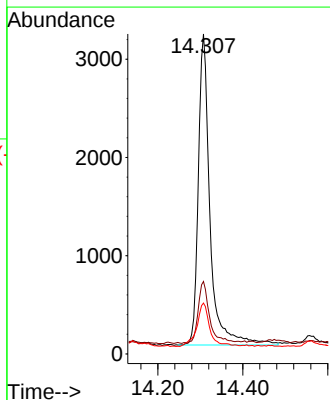
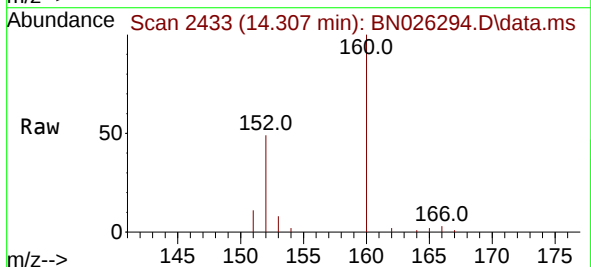
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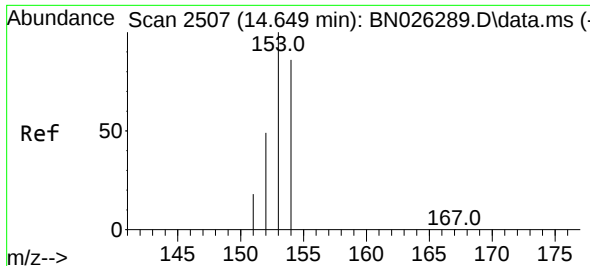
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

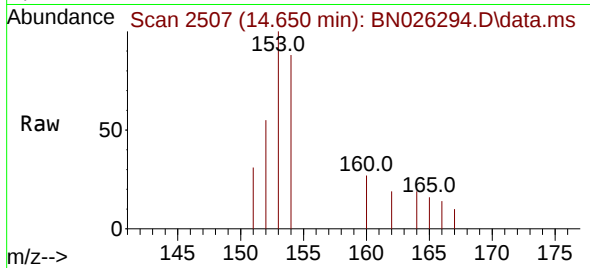
Tgt Ion:152 Resp: 6051
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.4
153 15.9 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.650 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

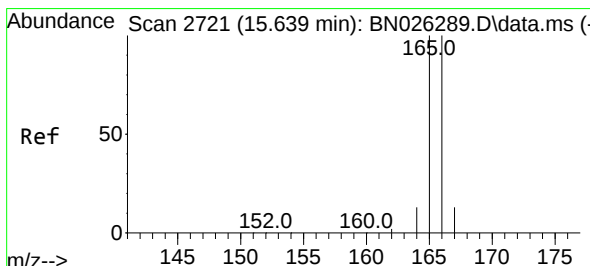
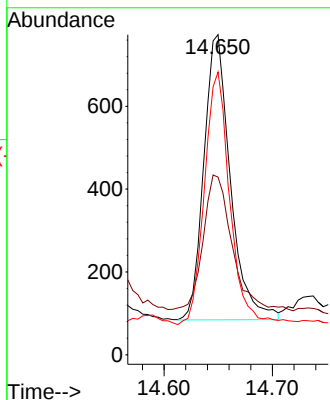
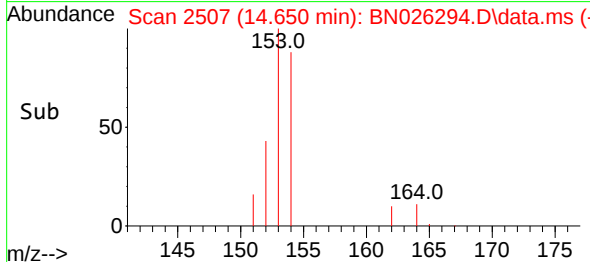
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



Tgt Ion:153 Resp: 117
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 88.4 68.9 103.3

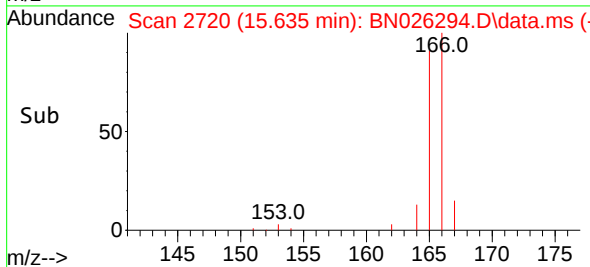
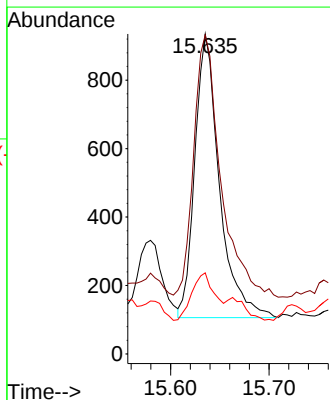
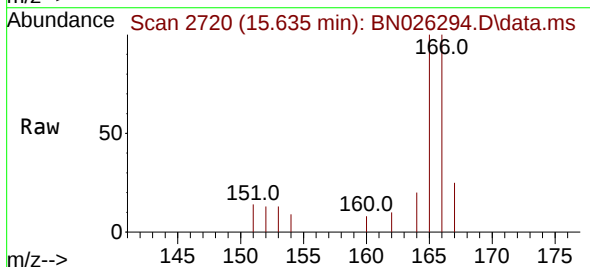
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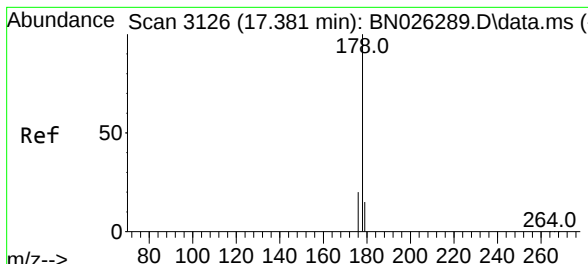
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.635 min Scan# 2720
Delta R.T. -0.009 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

Tgt Ion:166 Resp: 1436
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 25.3 10.8 16.2#





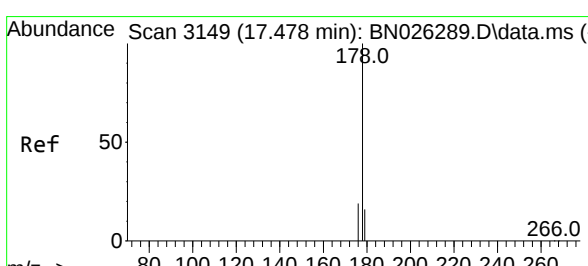
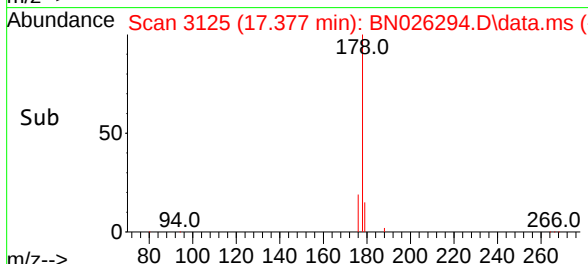
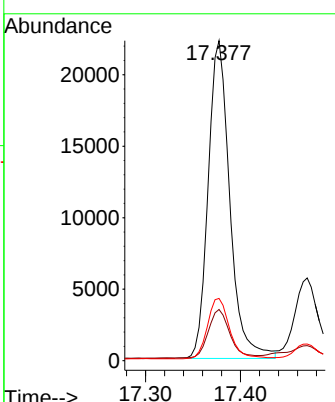
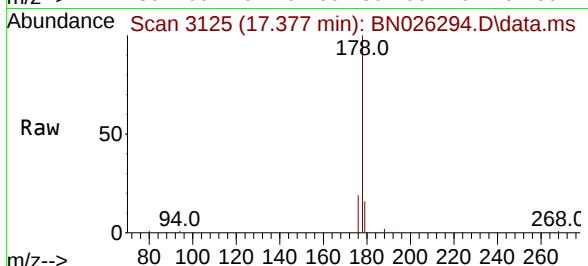
#15
 Phenanthrene
 Concen: 0.531 ng/ul
 RT: 17.377 min Scan# 3125
 Delta R.T. -0.008 min
 Lab File: BN026294.D
 Acq: 05 Jul 2023 16:10

Instrument : BNA_N
 ClientSampleId : DCGM2DL

Tgt Ion:178 Resp: 3534

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.5	15.8	23.6

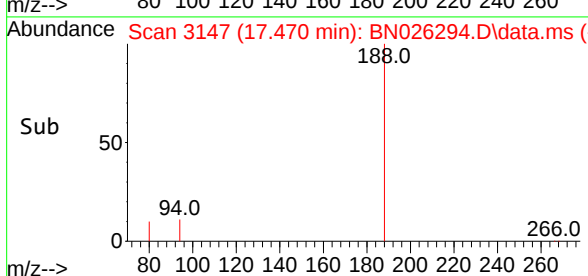
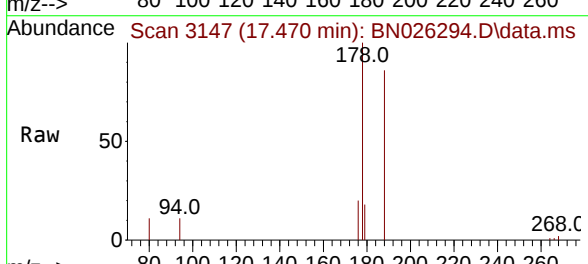
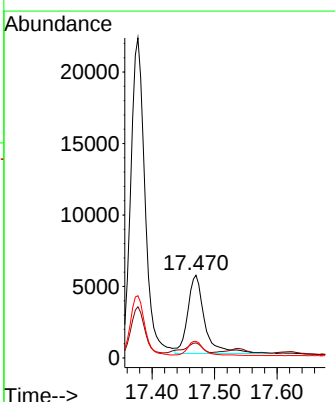
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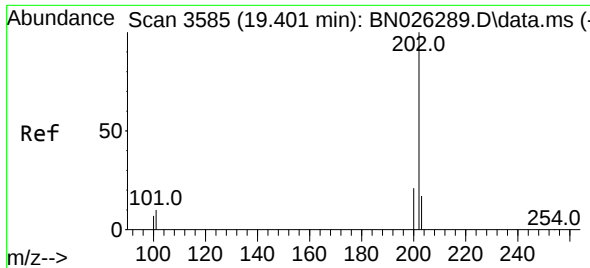


#16
 Anthracene
 Concen: 0.174 ng/ul
 RT: 17.470 min Scan# 3147
 Delta R.T. -0.008 min
 Lab File: BN026294.D
 Acq: 05 Jul 2023 16:10

Tgt Ion:178 Resp: 10297

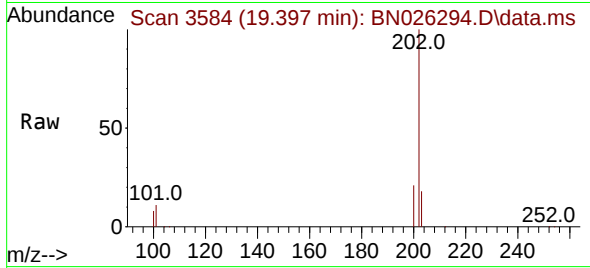
Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.6	18.8
176	20.0	15.1	22.7





#19
Fluoranthene
Concen: 1.462 ng/ul
RT: 19.397 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

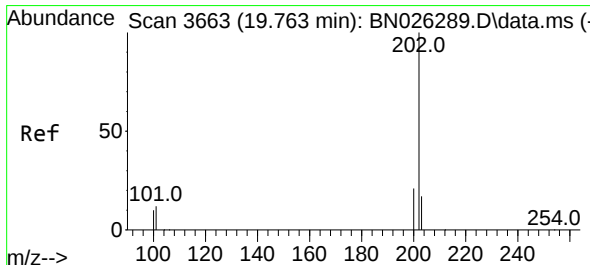
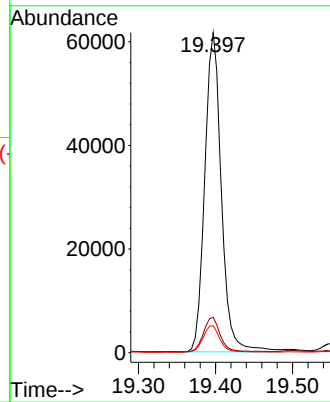
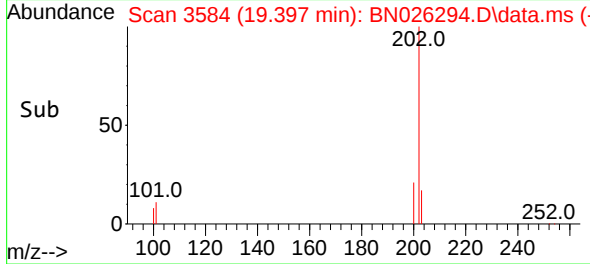
Instrument :
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ClientSampleId :
DCGM2DL



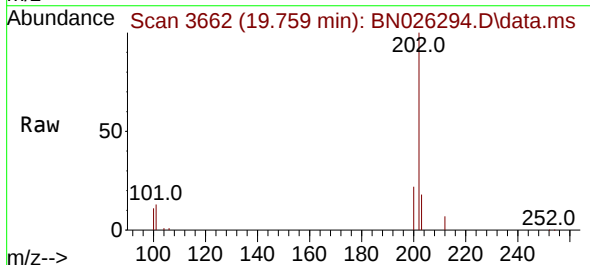
Tgt Ion:202 Resp: 92389
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9

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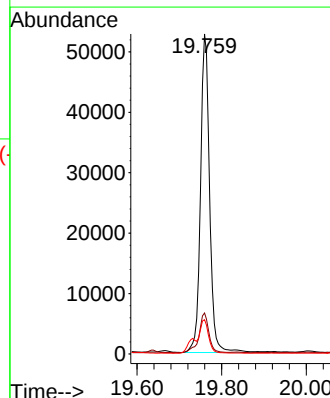
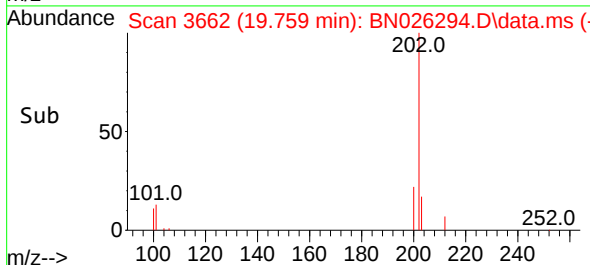
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

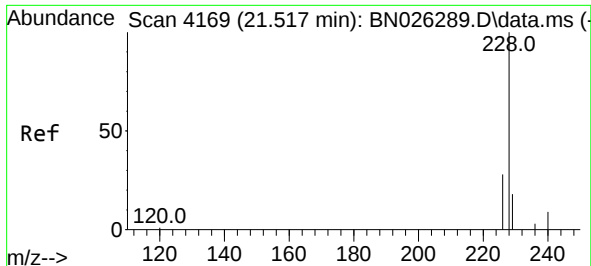


#20
Pyrene
Concen: 1.205 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10



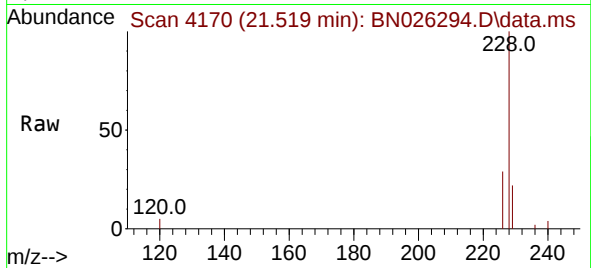
Tgt Ion:202 Resp: 79177
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.828 ng/u1
RT: 21.519 min Scan# 4169
Delta R.T. 0.004 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

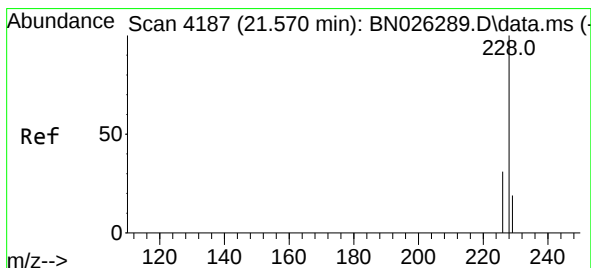
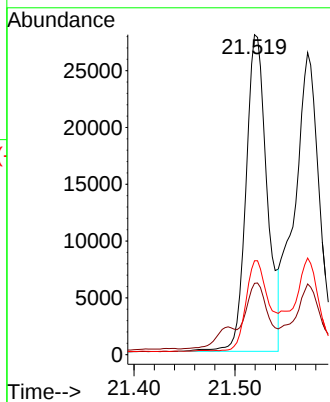
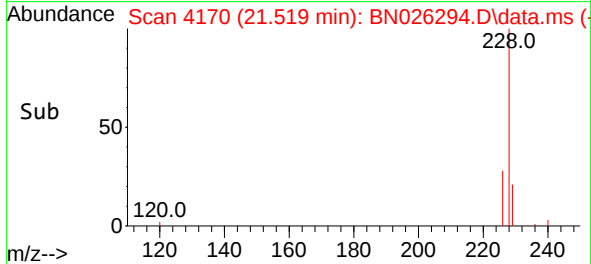
Instrument :
BNA_N
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DCGM2DL



Tgt Ion:228 Resp: 4043
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 29.3 22.5 33.7

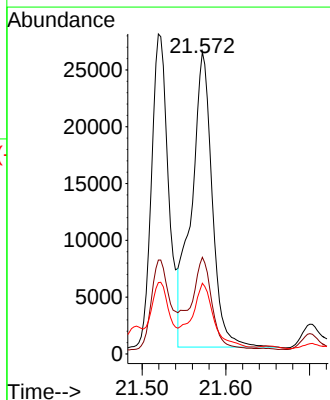
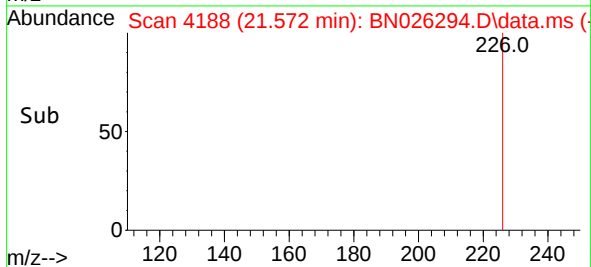
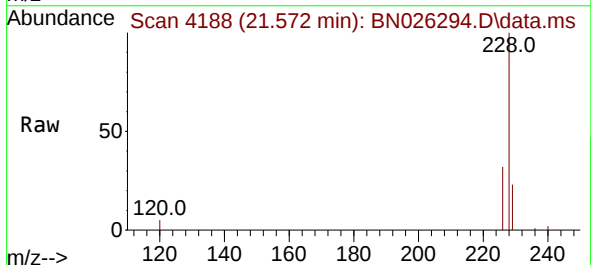
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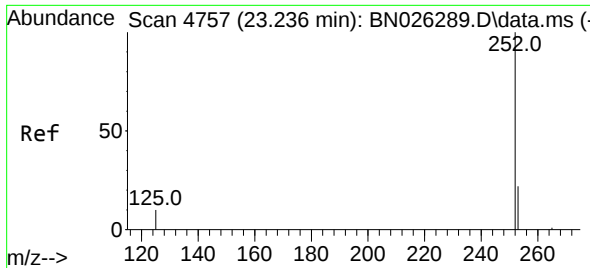
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 0.882 ng/u1
RT: 21.572 min Scan# 4188
Delta R.T. 0.001 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

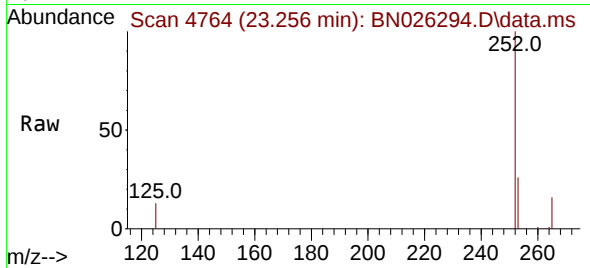
Tgt Ion:228 Resp: 44786
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.194 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.010 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

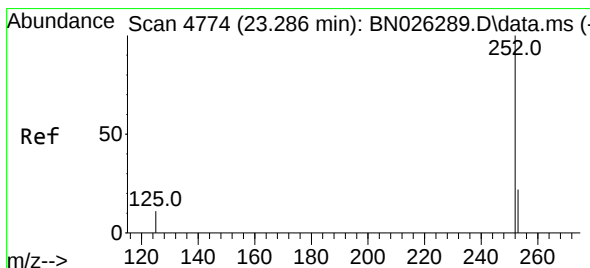
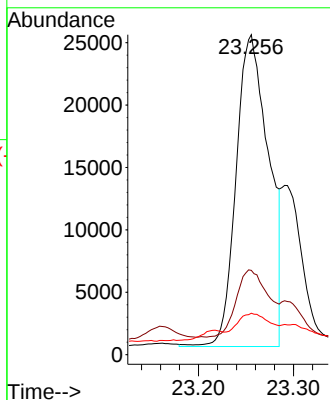
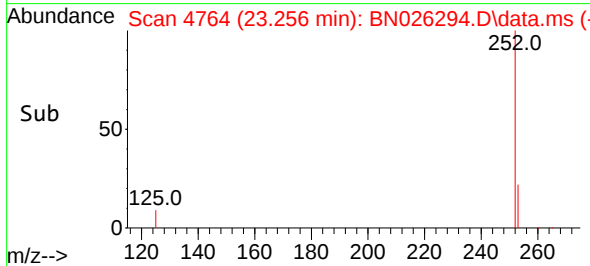
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



Tgt Ion:252 Resp: 59532
Ion Ratio Lower Upper
252 100
253 26.3 0.0 55.6
125 12.9 0.0 35.8

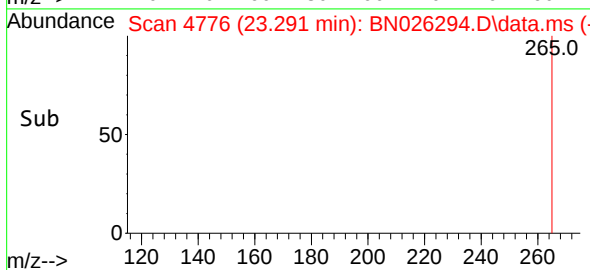
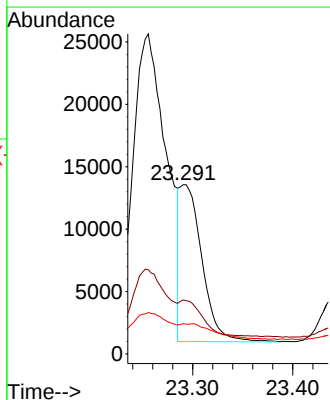
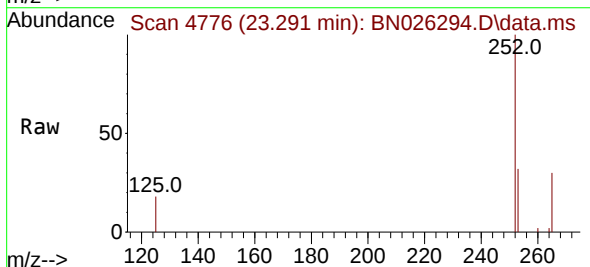
Manual Integrations
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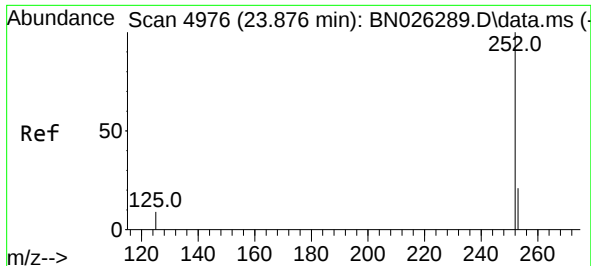
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.002 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

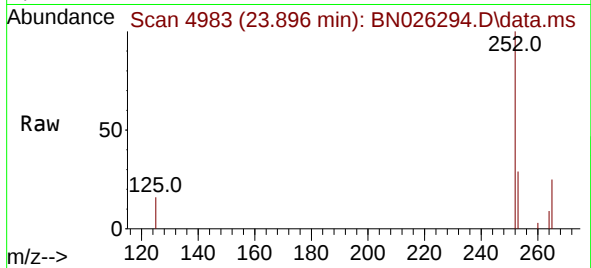
Tgt Ion:252 Resp: 19349
Ion Ratio Lower Upper
252 100
253 31.8 23.2 34.8
125 17.9 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.833 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.007 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

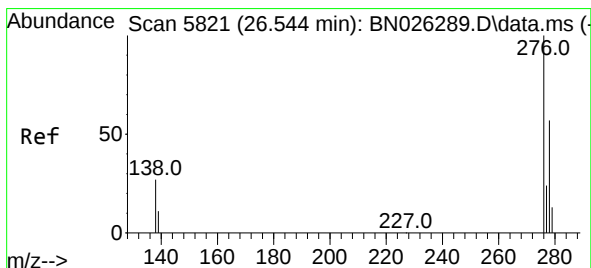
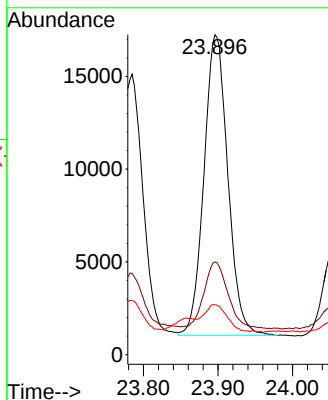
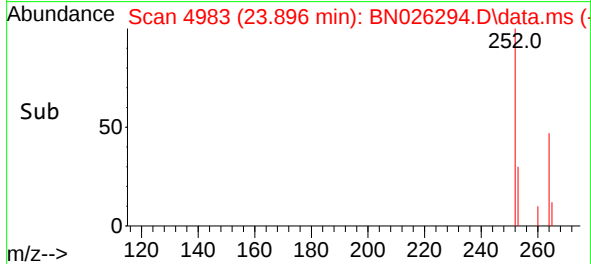
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



Tgt Ion:252 Resp: 3608
Ion Ratio Lower Upper
252 100
253 29.0 26.0 39.0
125 15.6 17.3 25.9

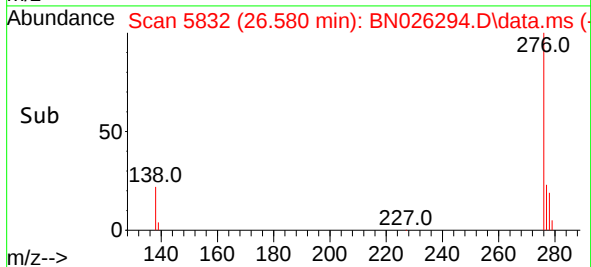
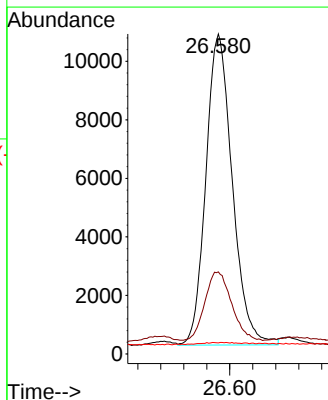
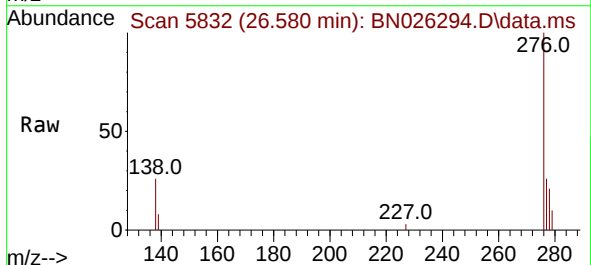
Manual Integrations
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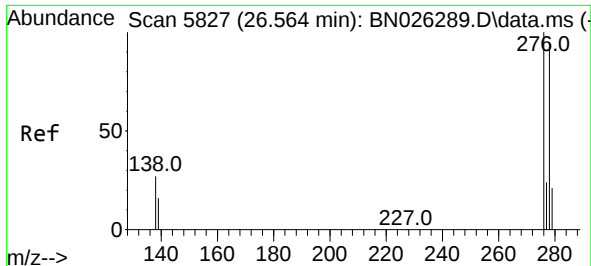
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.002 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

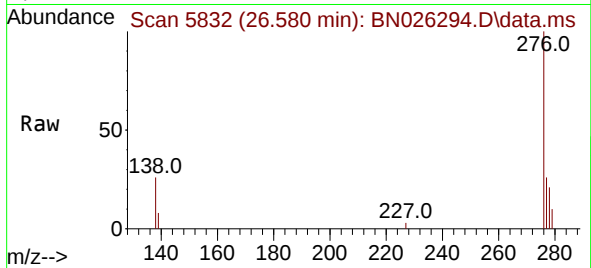
Tgt Ion:276 Resp: 33944
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.015 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10

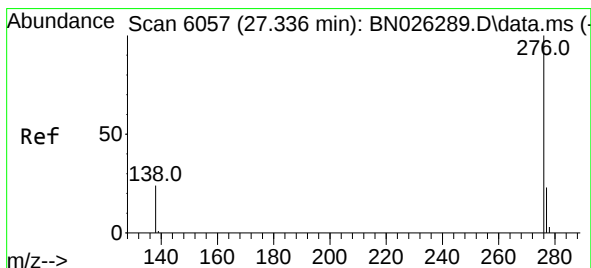
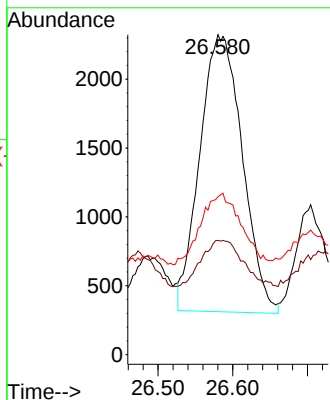
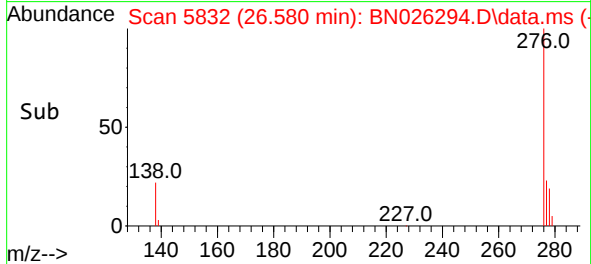
Instrument :
BNA_N
ClientSampleId :
DCGM2DL



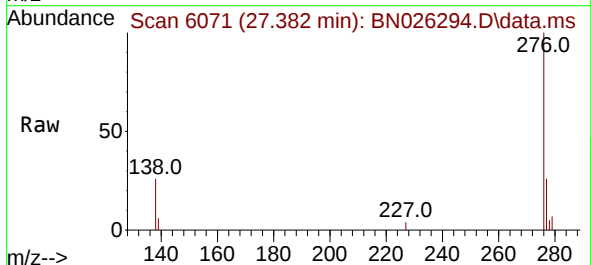
Tgt Ion:278 Resp: 7950
Ion Ratio Lower Upper
278 100
139 35.7 19.0 28.4
279 49.3 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.781 ng/ul
RT: 27.382 min Scan# 6071
Delta R.T. 0.002 min
Lab File: BN026294.D
Acq: 05 Jul 2023 16:10



Tgt Ion:276 Resp: 32869
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 26.0 20.0 30.0

