

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026265.D
 Acq On : 04 Jul 2023 16:49
 Operator : MA/JU
 Sample : 03247-09DL 5X
 Misc :
 ALS Vial : 123 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:07:21 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	7.946	152	7717	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	24839	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	14167	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	27840	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16078	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	17366	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3204	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1001	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	1943	0.032	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.809	128	5715	0.080	ng/ul#	95
7) 2-Methylnaphthalene	12.420	142	2767	0.061	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	2795	0.060	ng/ul	96
10) Acenaphthylene	14.311	152	2673	0.040	ng/ul#	85
11) Acenaphthene	14.653	153	6356	0.117	ng/ul	99
12) Fluorene	15.639	166	6386	0.103	ng/ul	98
15) Phenanthrene	17.381	178	97701	1.062	ng/ul	99
16) Anthracene	17.474	178	19934	0.244	ng/ul	98
19) Fluoranthene	19.401	202	152763	1.779	ng/ul	97
20) Pyrene	19.758	202	119663	1.340	ng/ul	98
21) Benzo(a)anthracene	21.511	228	56386	0.850	ng/ul	98
22) Chrysene	21.570	228	56406	0.817	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	80250m	1.083	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	29205m	0.392	ng/ul	
26) Benzo(a)pyrene	23.879	252	51499	0.800	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.561	276	42134	0.599	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.568	278	9905	0.186	ng/ul#	80
29) Benzo(g,h,i)perylene	27.346	276	37975	0.607	ng/ul	96

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

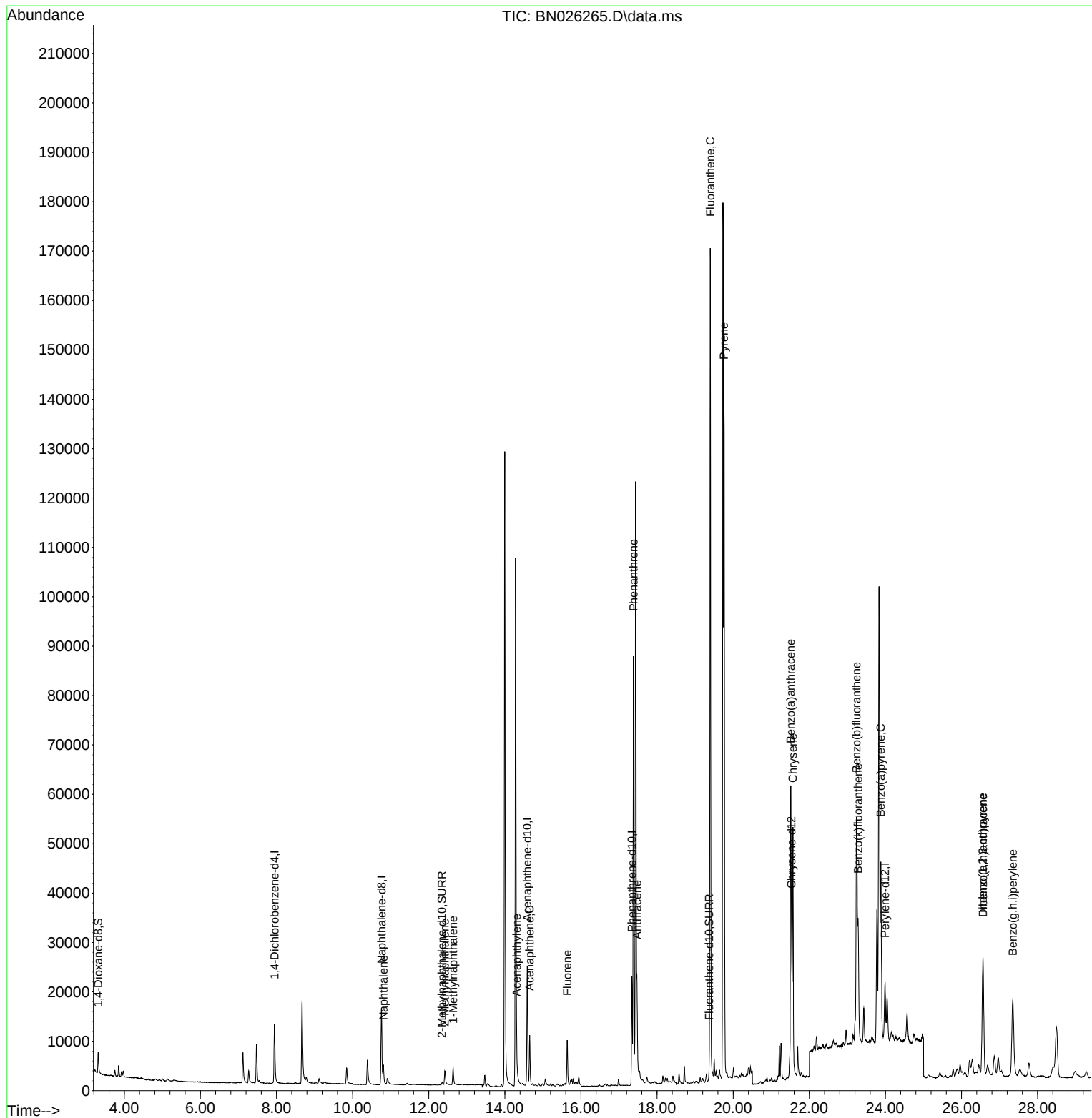
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026265.D
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ALS Vial : 123 Sample Multiplier: 1

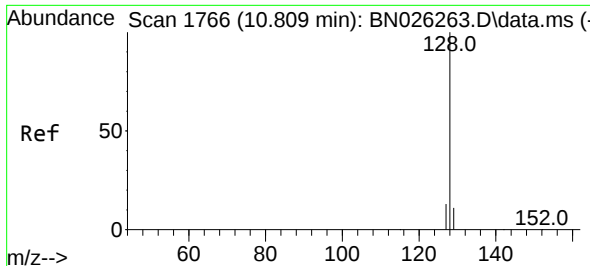
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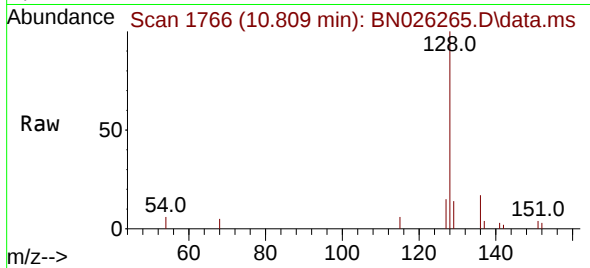
Quant Time: Jul 05 00:07:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
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#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

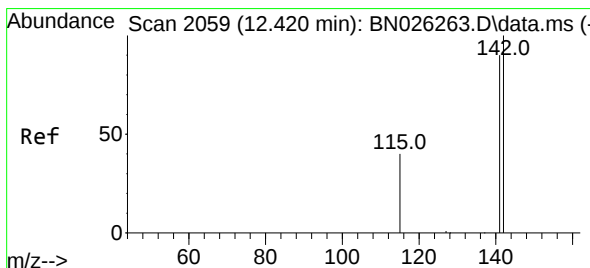
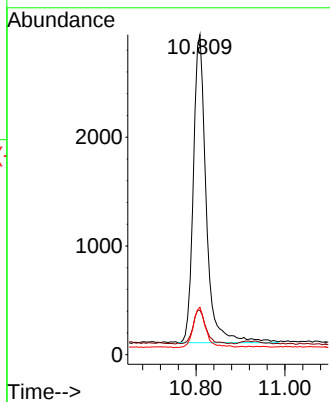
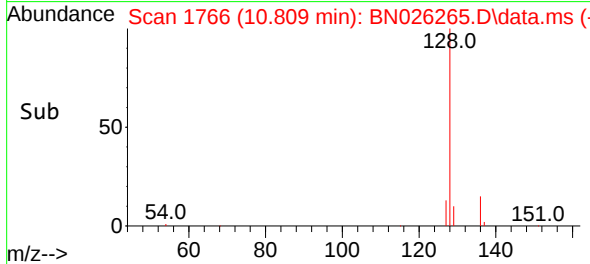
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



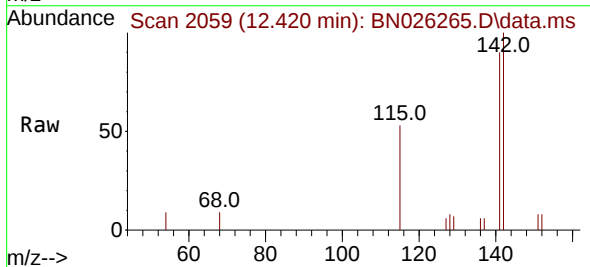
Tgt Ion:128 Resp: 5715
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7
127 14.8 10.7 16.1

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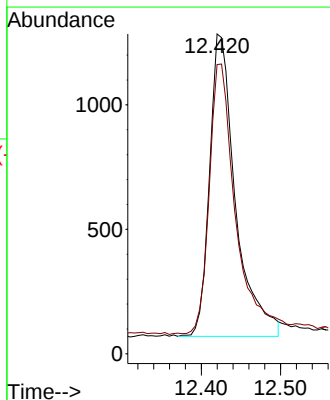
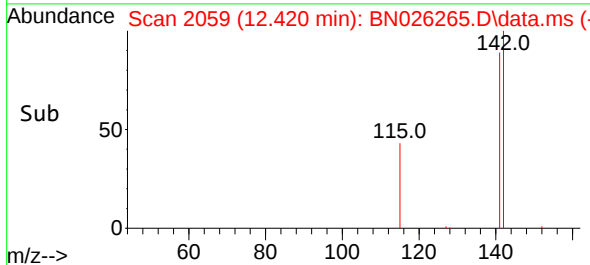
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

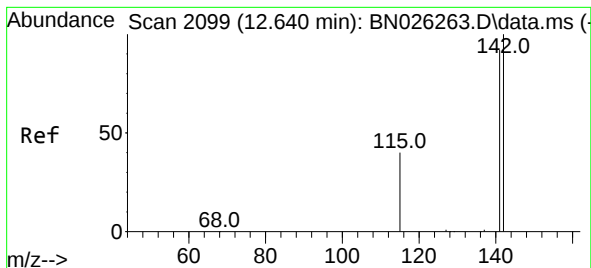


#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49



Tgt Ion:142 Resp: 2767
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.640 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BN026265.D

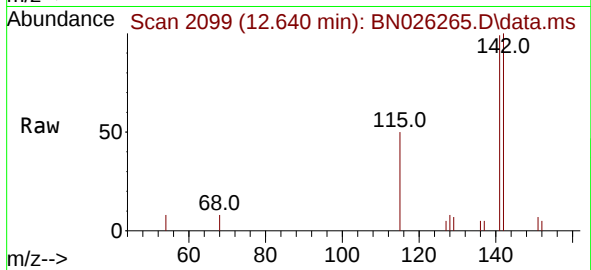
Acq: 04 Jul 2023 16:49

Instrument :

BNA_N

ClientSampleId :

DCGL5DL



Tgt Ion:142 Resp: 2798

Ion Ratio Lower Upper

142 100

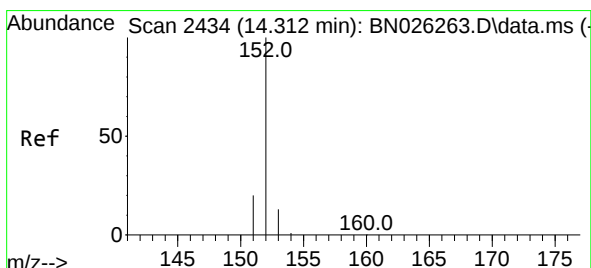
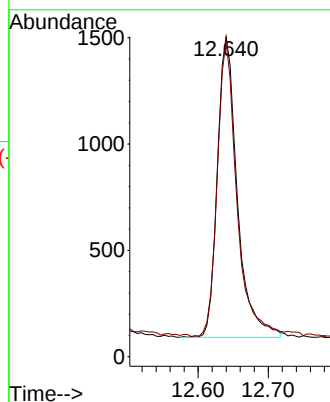
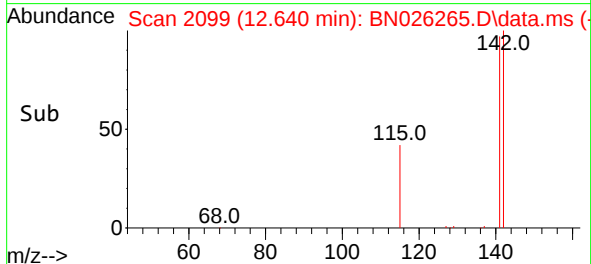
141 96.2 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.311 min Scan# 2434

Delta R.T. -0.001 min

Lab File: BN026265.D

Acq: 04 Jul 2023 16:49

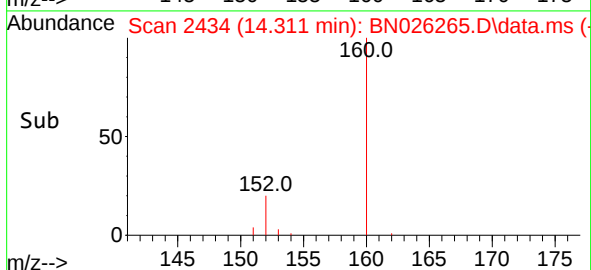
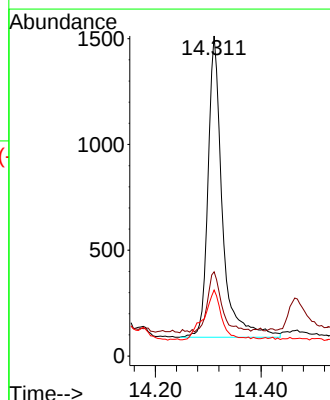
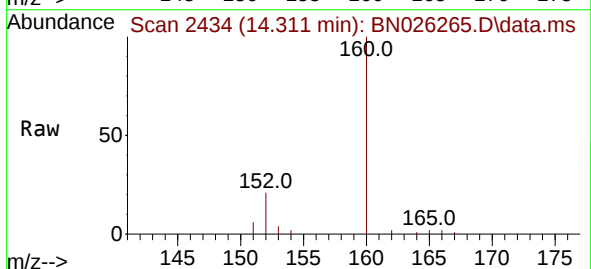
Tgt Ion:152 Resp: 2673

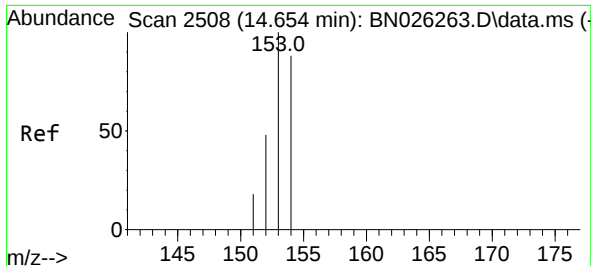
Ion Ratio Lower Upper

152 100

151 26.3 16.2 24.4#

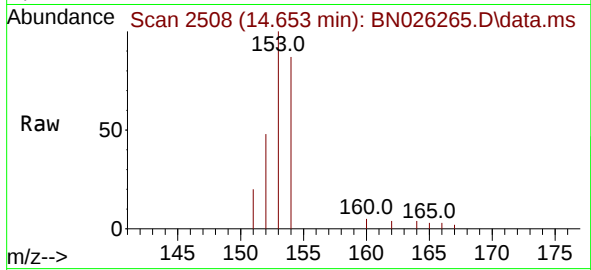
153 20.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.653 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

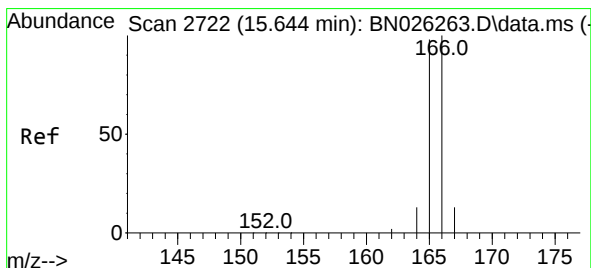
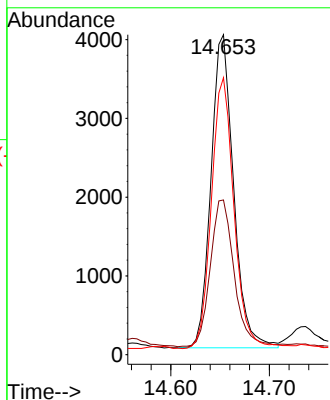
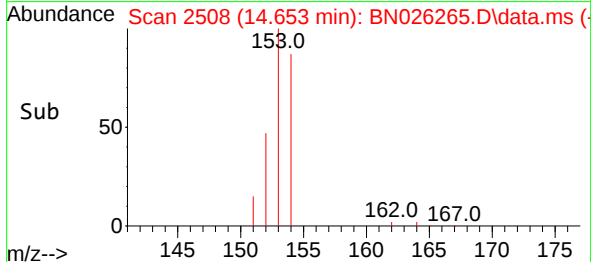
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



Tgt Ion:153 Resp: 6350
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.0
154 86.6 68.9 103.3

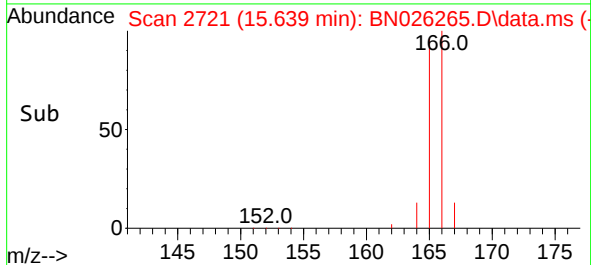
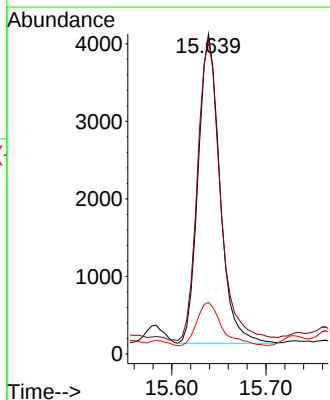
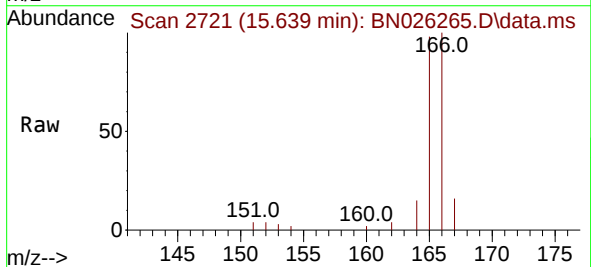
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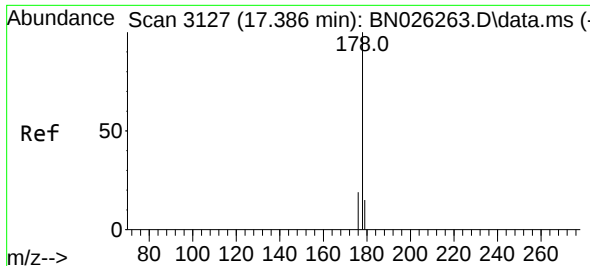
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.005 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

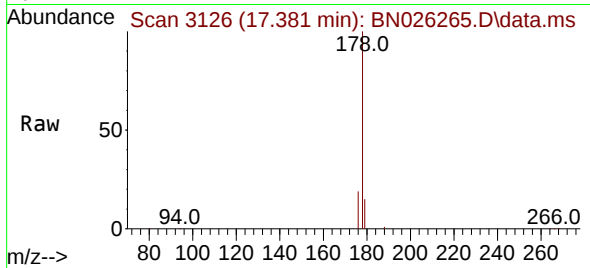
Tgt Ion:166 Resp: 6386
Ion Ratio Lower Upper
166 100
165 98.4 79.9 119.9
167 16.1 10.8 16.2





#15
Phenanthrene
Concen: 1.062 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

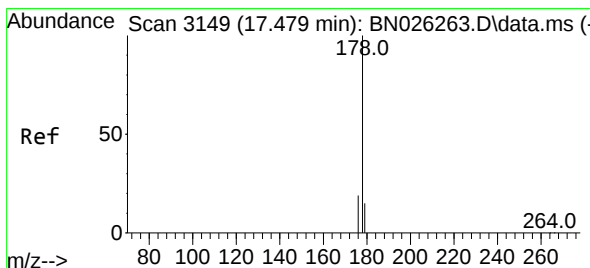
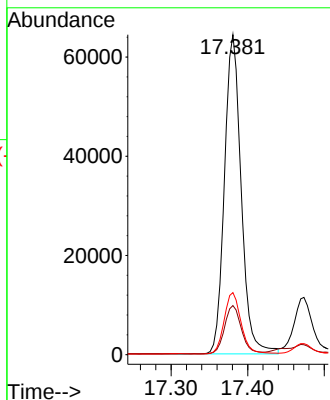
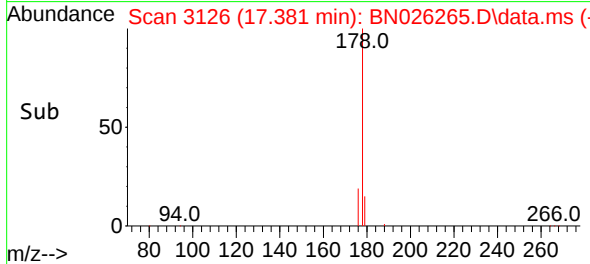
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



Tgt Ion:178 Resp: 9770
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

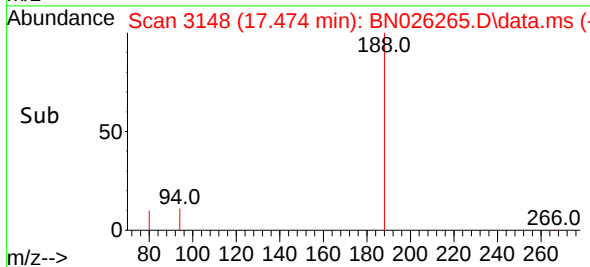
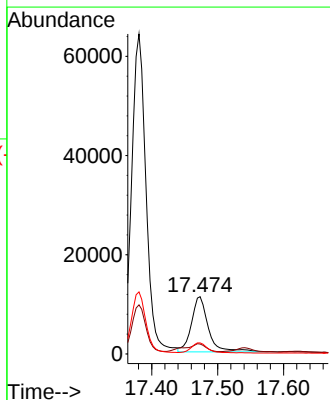
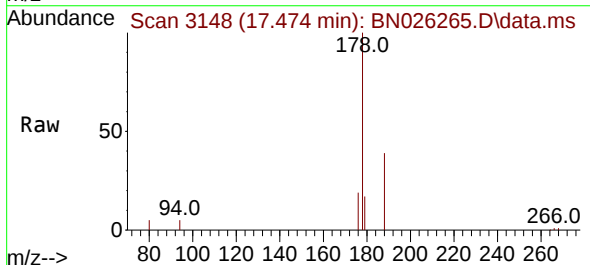
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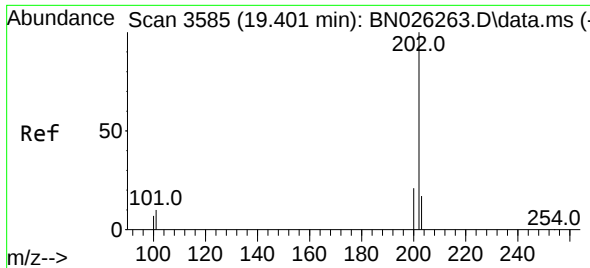
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

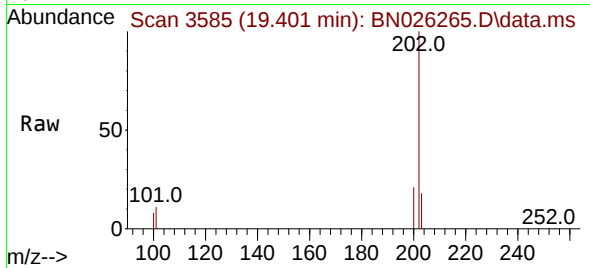
Tgt Ion:178 Resp: 19934
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 1.779 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

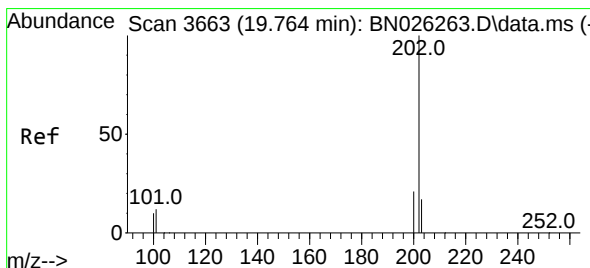
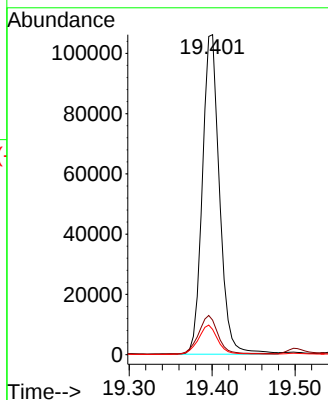
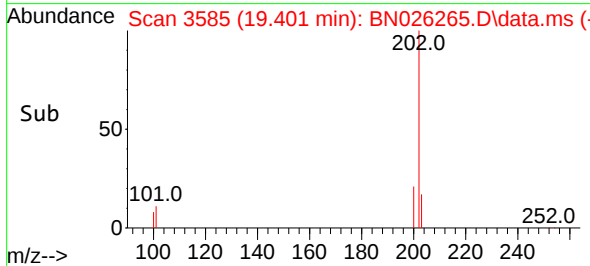
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



Tgt Ion:202 Resp: 152763
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 7.9 7.3 10.9

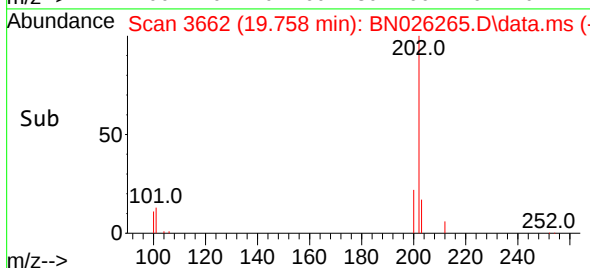
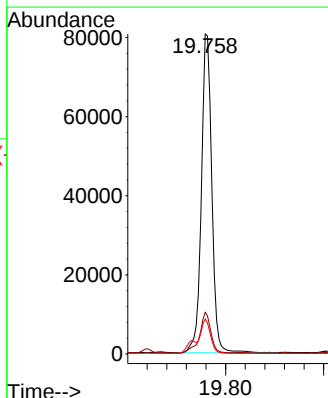
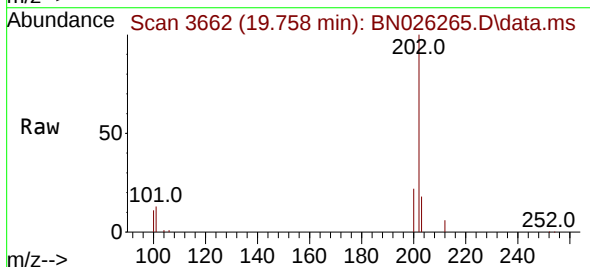
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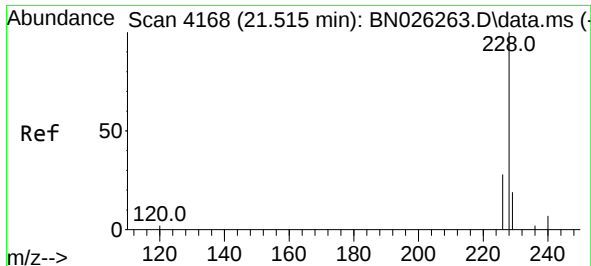
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 1.340 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

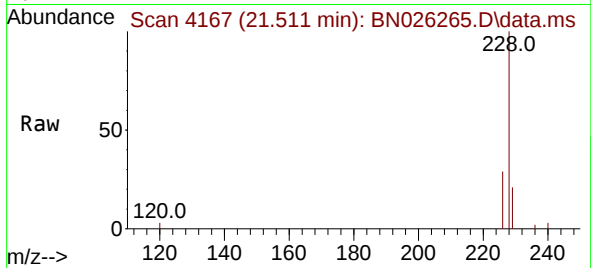
Tgt Ion:202 Resp: 119663
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.850 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

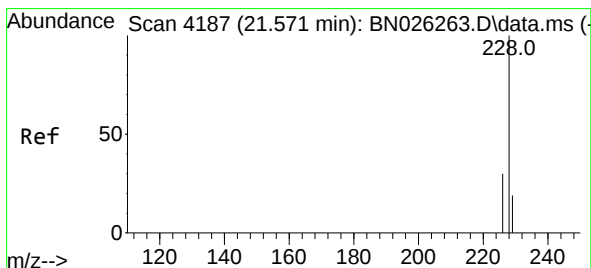
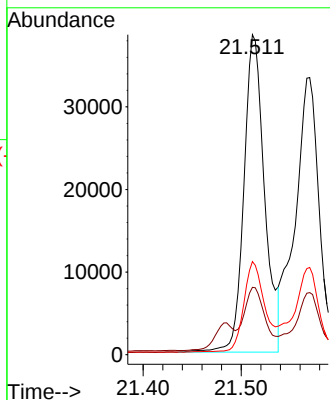
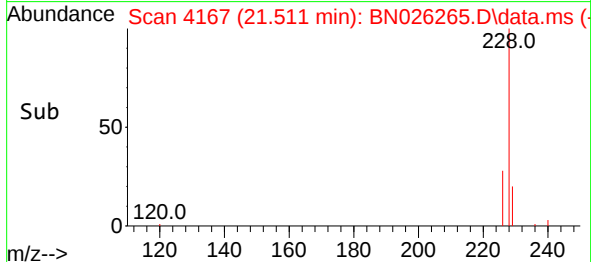
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



Tgt Ion:228 Resp: 56380
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.1 22.5 33.7

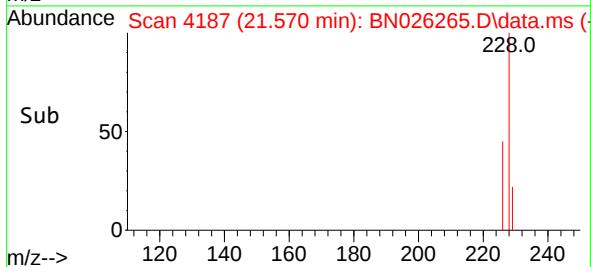
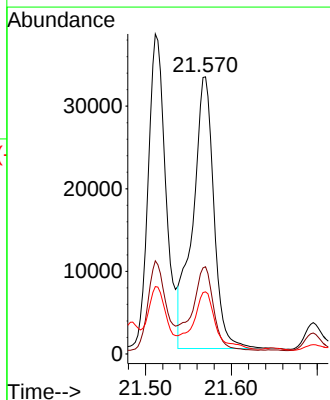
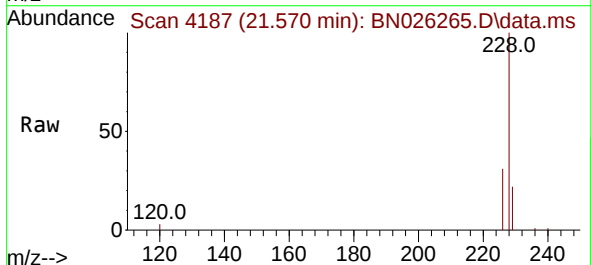
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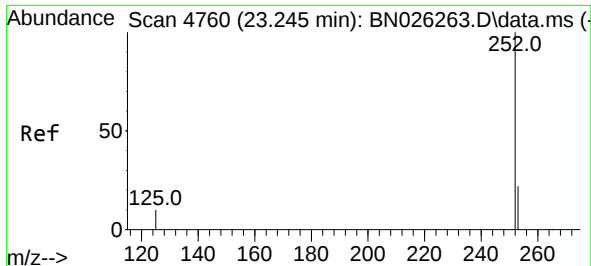
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.817 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

Tgt Ion:228 Resp: 56406
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.4 15.7 23.5





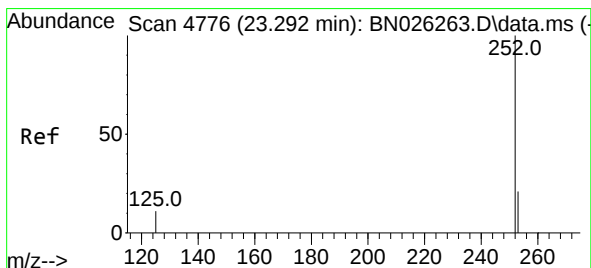
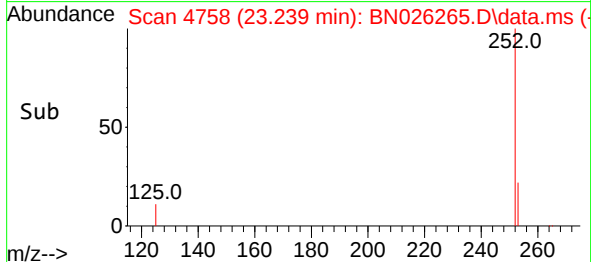
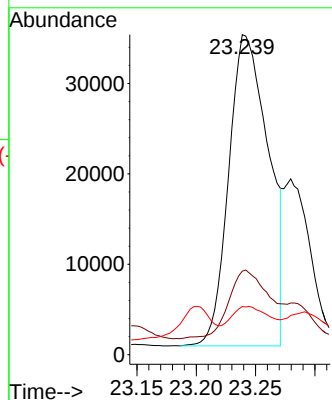
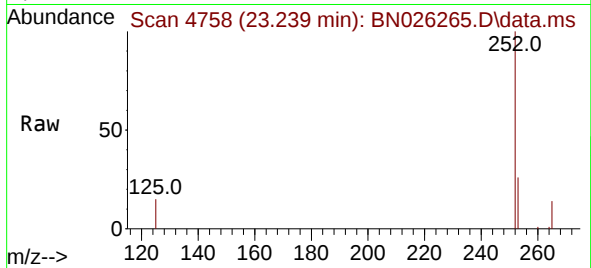
#24
Benzo(b)fluoranthene
Concen: 1.083 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.007 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

Instrument :
BNA_N
ClientSampleId :
DCGL5DL

Tgt Ion:252 Resp: 80250
Ion Ratio Lower Upper
252 100
253 26.1 0.0 55.6
125 15.1 0.0 35.8

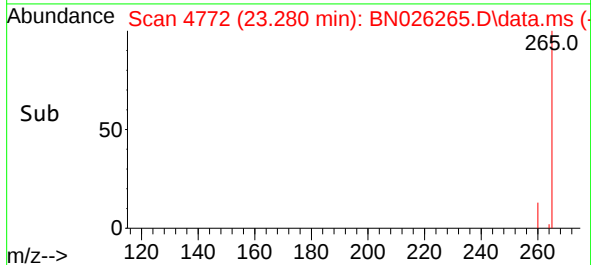
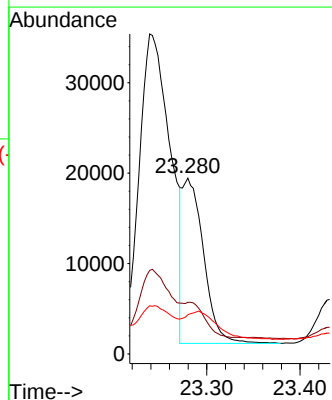
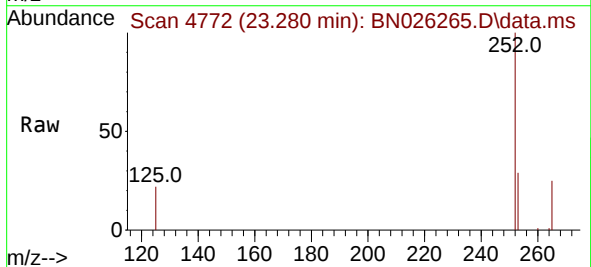
Manual Integrations
APPROVED

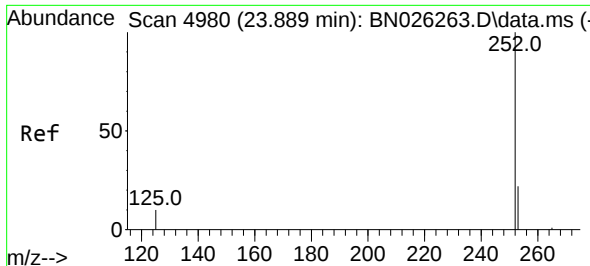
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.013 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

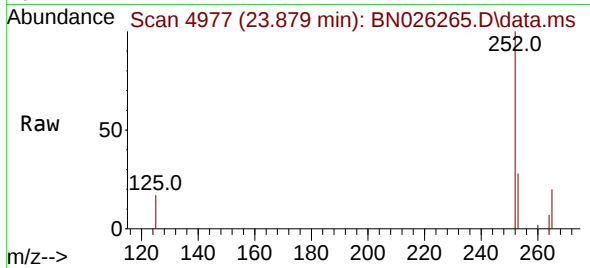
Tgt Ion:252 Resp: 29205
Ion Ratio Lower Upper
252 100
253 29.4 23.2 34.8
125 22.3 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.800 ng/ul
RT: 23.879 min Scan# 4980
Delta R.T. -0.010 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

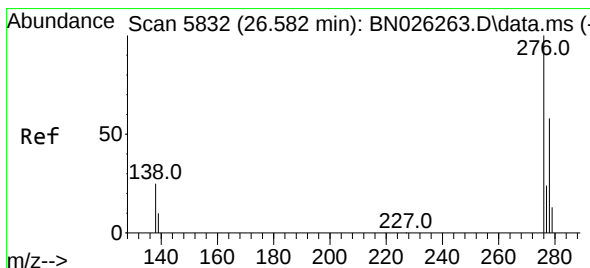
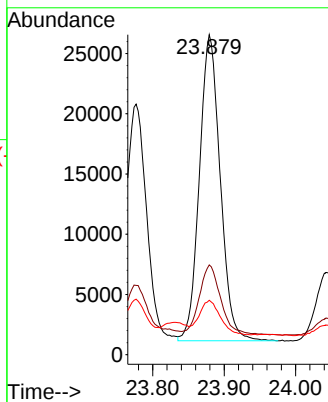
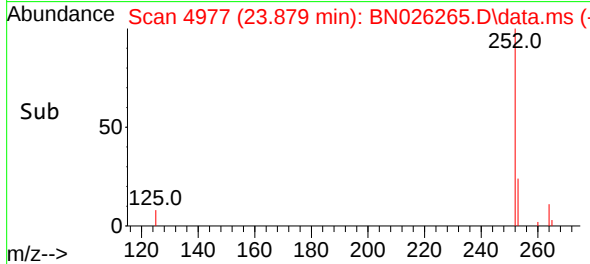
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



Tgt Ion:252 Resp: 51499
Ion Ratio Lower Upper
252 100
253 28.0 26.0 39.0
125 17.0 17.3 25.9

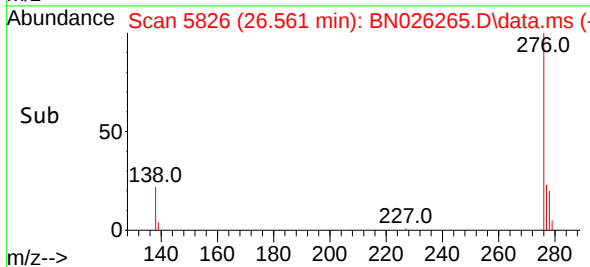
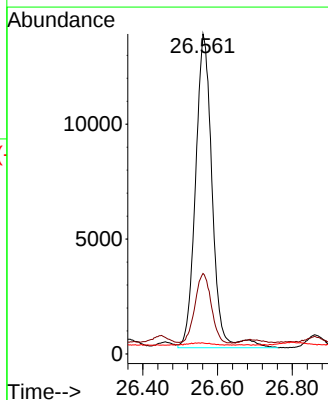
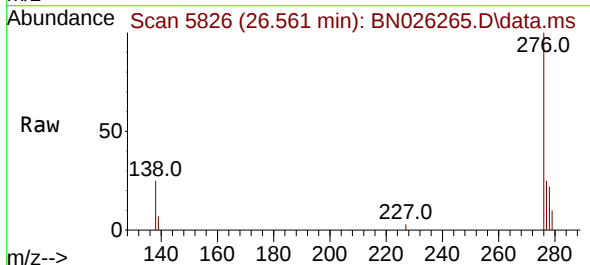
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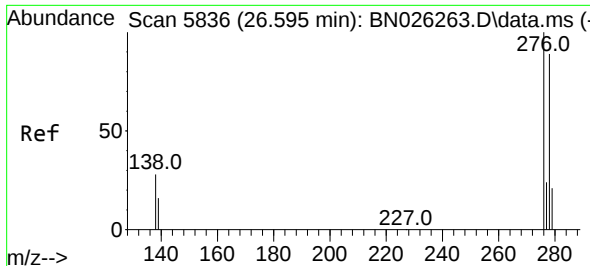
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.599 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.021 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

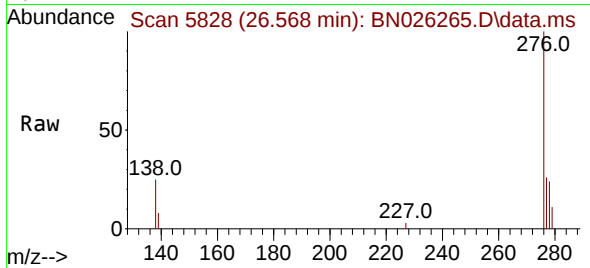
Tgt Ion:276 Resp: 42134
Ion Ratio Lower Upper
276 100
138 21.5 24.5 36.7#
227 0.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.028 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49

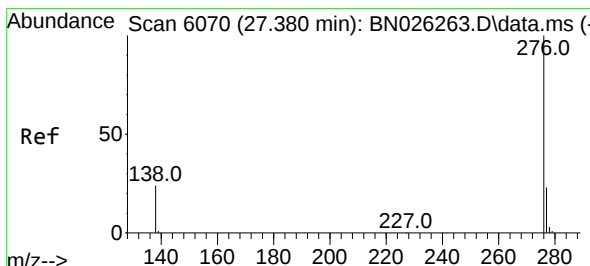
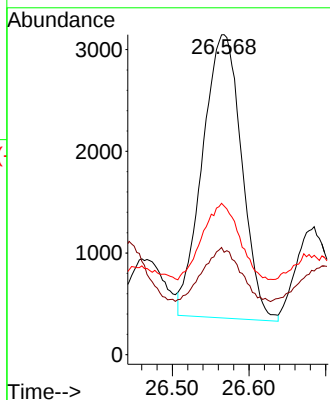
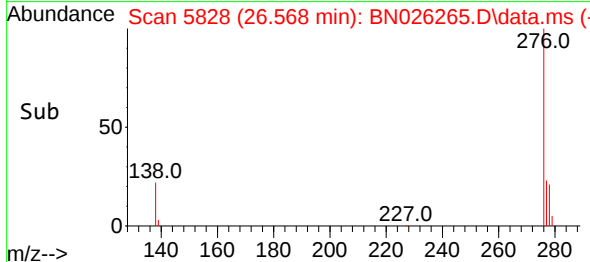
Instrument :
BNA_N
ClientSampleId :
DCGL5DL



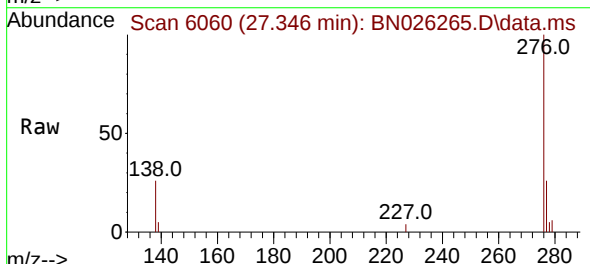
Tgt Ion:278 Resp: 990
Ion Ratio Lower Upper
278 100
139 32.0 19.0 28.4
279 46.5 26.7 40.1

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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.607 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.034 min
Lab File: BN026265.D
Acq: 04 Jul 2023 16:49



Tgt Ion:276 Resp: 37975
Ion Ratio Lower Upper
276 100
138 26.2 23.4 35.0
277 25.6 20.0 30.0

