

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025956.D
 Acq On : 23 Jun 2023 02:24
 Operator : MA/JU
 Sample : 03083-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:28:55 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26953	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15735	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	31292	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	16772	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	16033	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5057	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	1726	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	3605	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	5230	0.068	ng/ul	95
7) 2-Methylnaphthalene	12.459	142	2911	0.059	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	1838	0.036	ng/ul	99
10) Acenaphthylene	14.335	152	3861	0.052	ng/ul#	93
15) Phenanthrene	17.403	178	34418	0.333	ng/ul	100
16) Anthracene	17.496	178	5342	0.058	ng/ul#	92
19) Fluoranthene	19.415	202	84369	0.942	ng/ul	99
20) Pyrene	19.778	202	69018	0.741	ng/ul	98
21) Benzo(a)anthracene	21.527	228	31219	0.451	ng/ul	96
22) Chrysene	21.579	228	39340	0.546	ng/ul	98
24) Benzo(b)fluoranthene	23.246	252	51016m	0.746	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	16872m	0.246	ng/ul	
26) Benzo(a)pyrene	23.883	252	29578	0.498	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.555	276	24687	0.380	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.562	278	6141	0.125	ng/ul#	76
29) Benzo(g,h,i)perylene	27.350	276	25541	0.442	ng/ul	98

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

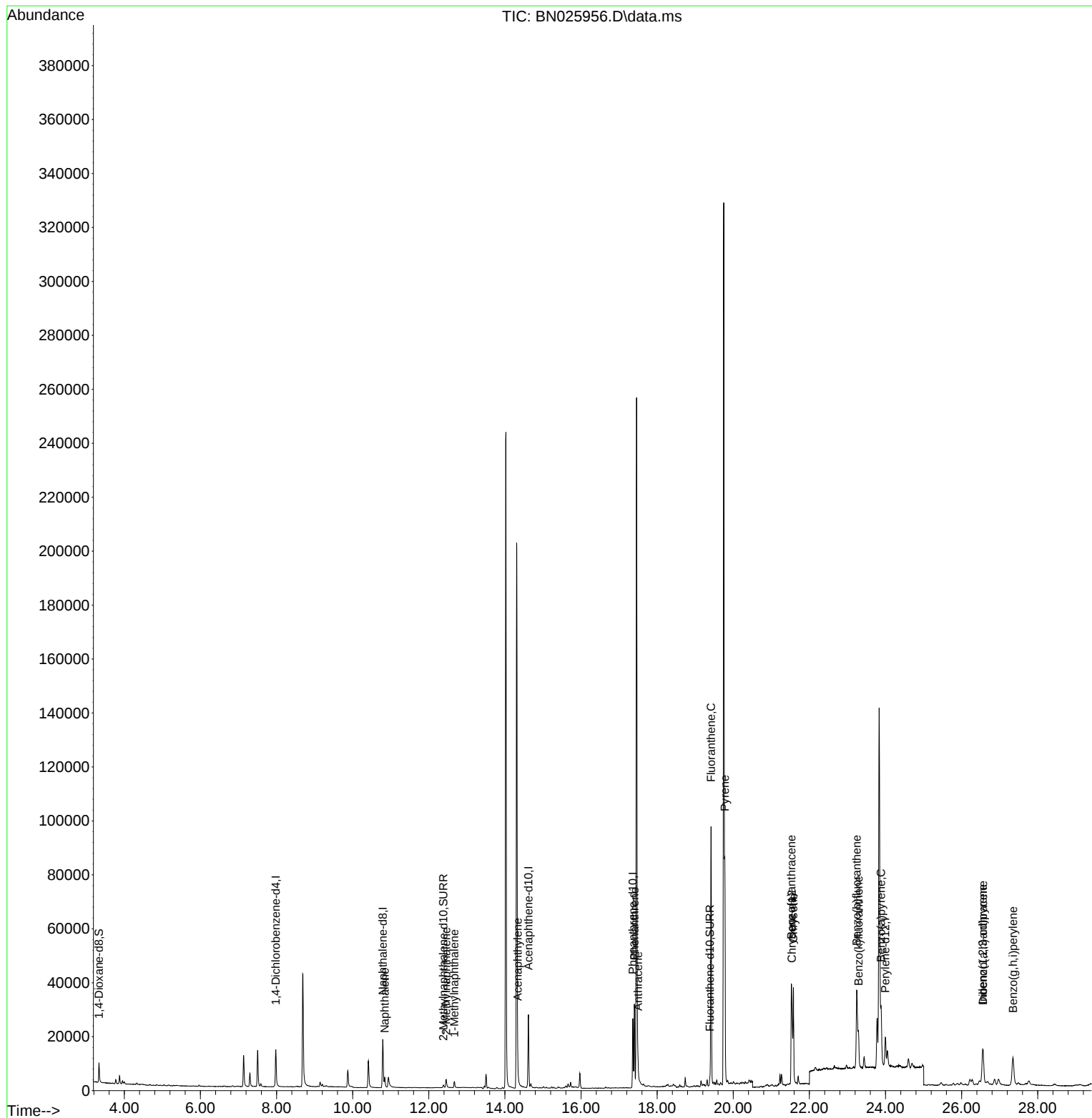
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025956.D
Acq On : 23 Jun 2023 02:24
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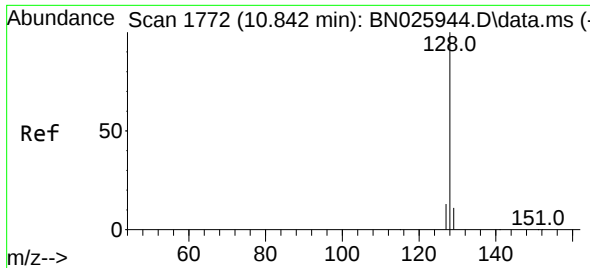
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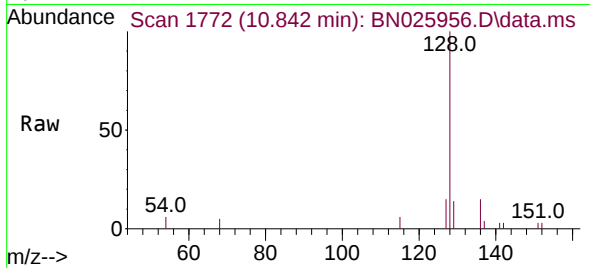
Quant Time: Jun 23 03:28:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

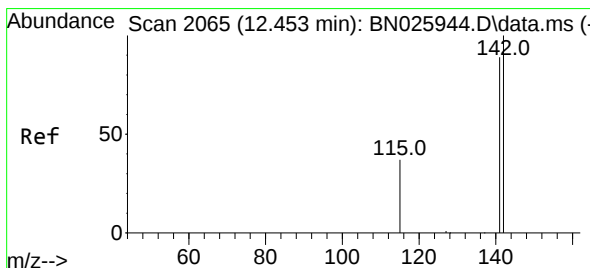
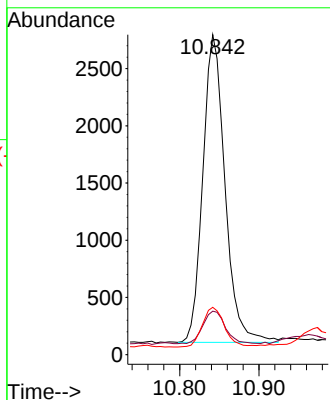
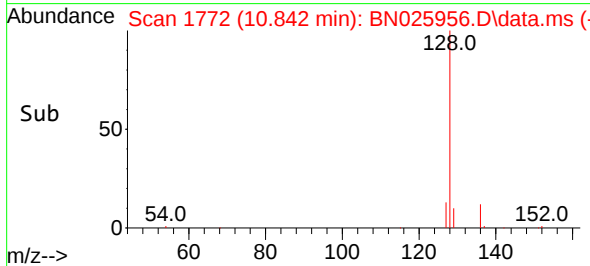
Instrument :
BNA_N
ClientSampleId :
DCFL7DL



Tgt Ion:128 Resp: 5230
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.8 10.7 16.1

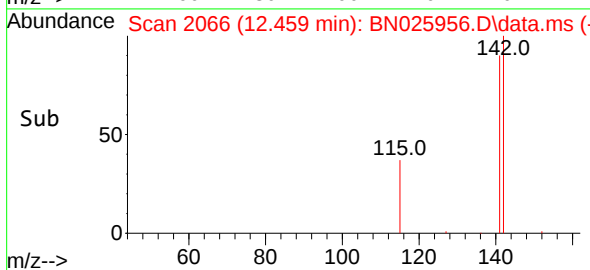
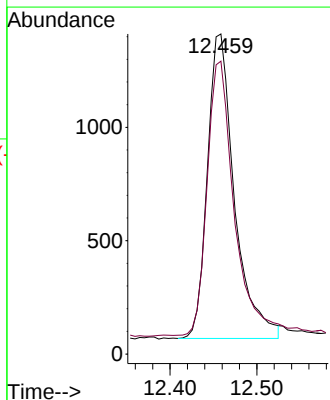
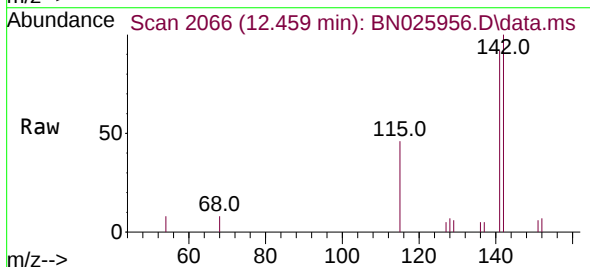
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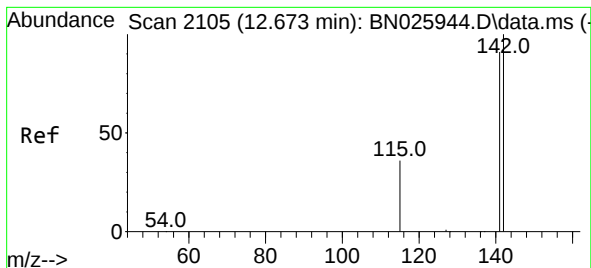
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.459 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

Tgt Ion:142 Resp: 2911
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.036 ng/u1

RT: 12.673 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BN025956.D

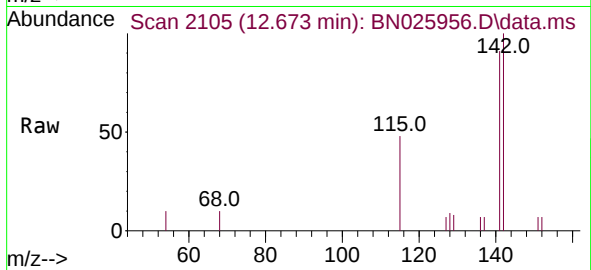
Acq: 23 Jun 2023 02:24

Instrument :

BNA_N

ClientSampleId :

DCFL7DL



Tgt Ion:142 Resp: 1838

Ion Ratio Lower Upper

142 100

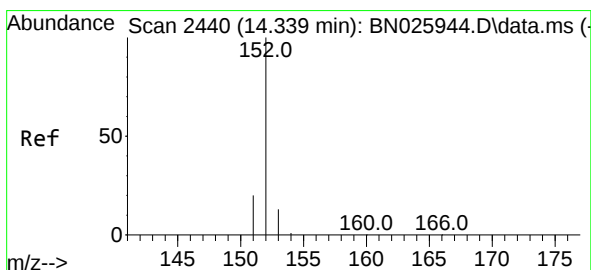
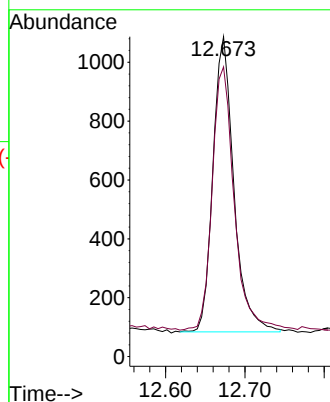
141 93.4 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.052 ng/u1

RT: 14.335 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BN025956.D

Acq: 23 Jun 2023 02:24

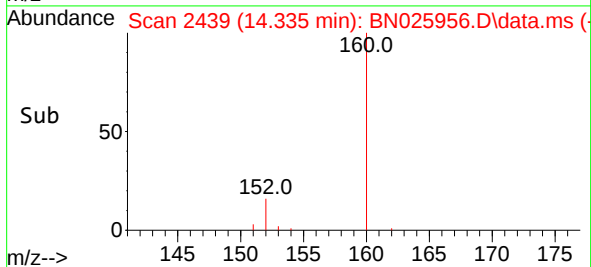
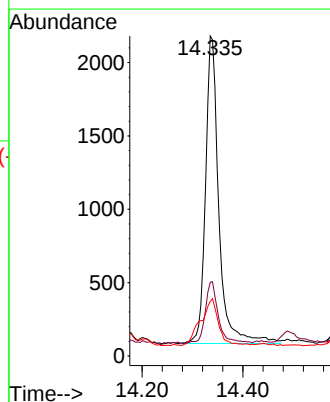
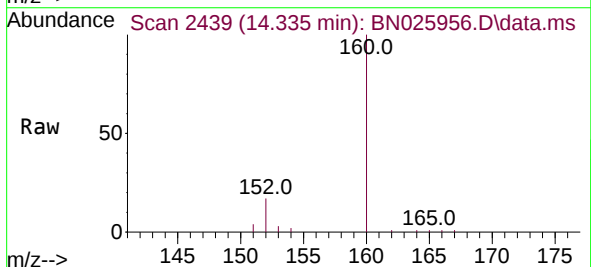
Tgt Ion:152 Resp: 3861

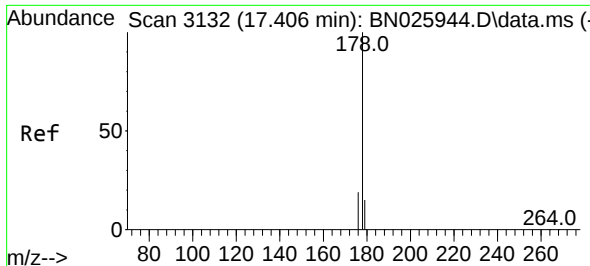
Ion Ratio Lower Upper

152 100

151 23.1 16.2 24.4

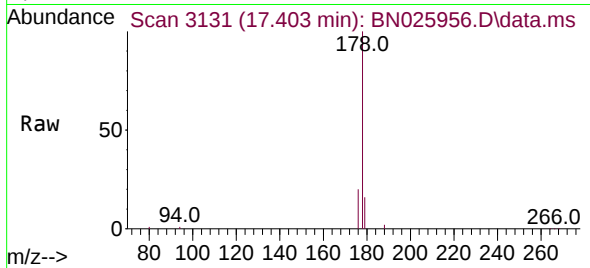
153 17.1 10.9 16.3#





#15
Phenanthrene
Concen: 0.333 ng/u1
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

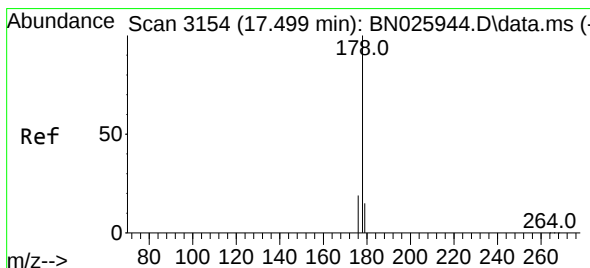
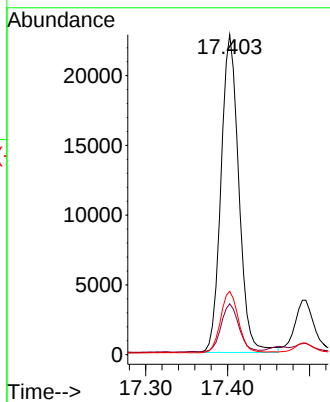
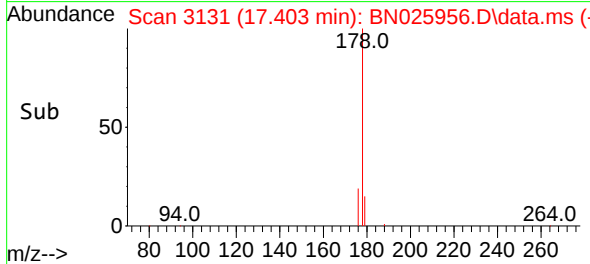
Instrument :
BNA_N
ClientSampleId :
DCFL7DL



Tgt Ion:178 Resp: 34418
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 15.8 23.6

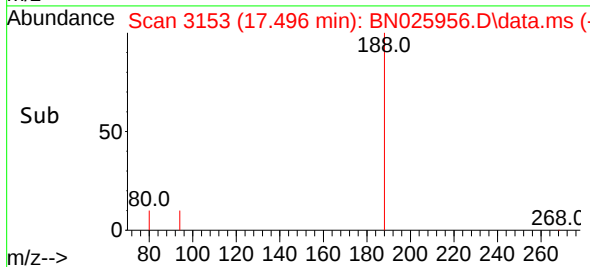
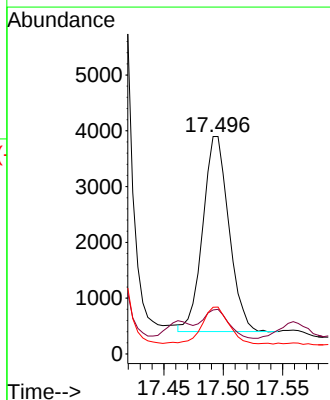
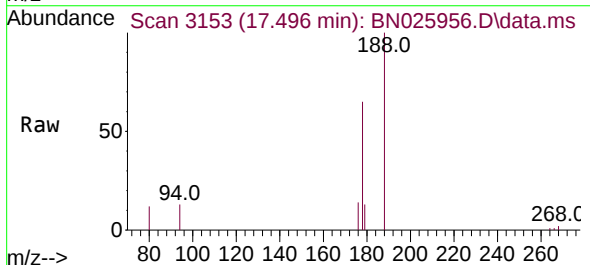
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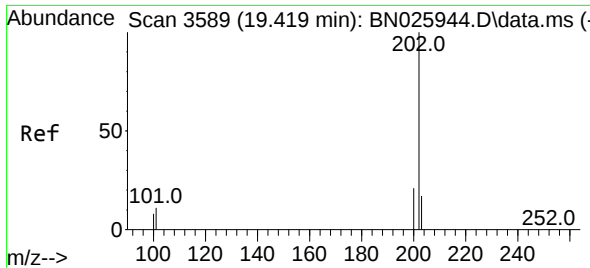
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Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.058 ng/u1
RT: 17.496 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

Tgt Ion:178 Resp: 5342
Ion Ratio Lower Upper
178 100
179 20.5 12.6 18.8#
176 21.6 15.1 22.7





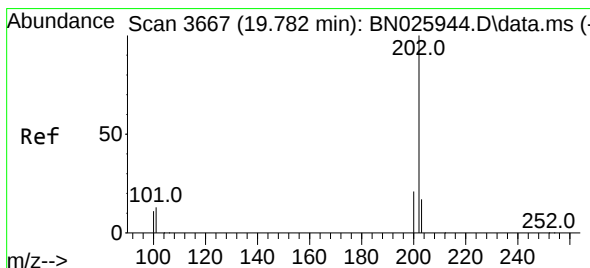
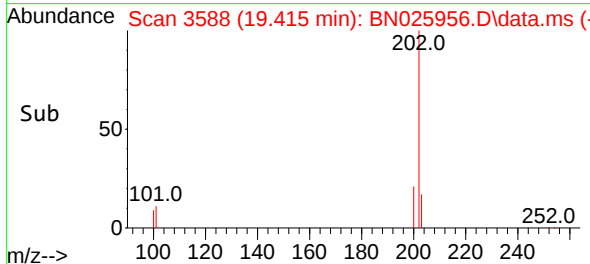
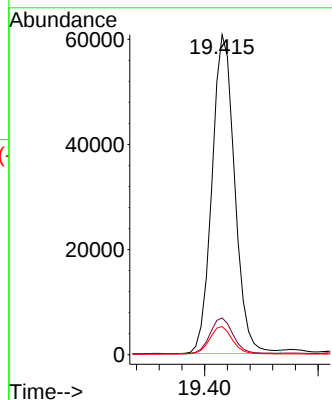
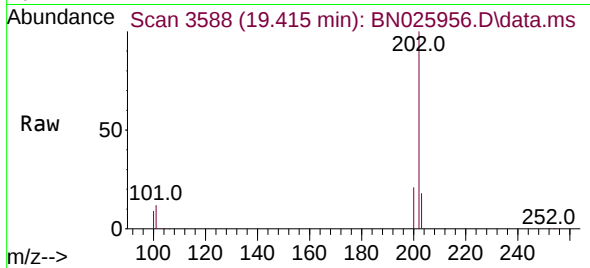
#19
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.415 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

Instrument :
BNA_N
ClientSampleId :
DCFL7DL

Tgt Ion:202 Resp: 84369
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.8 7.3 10.9

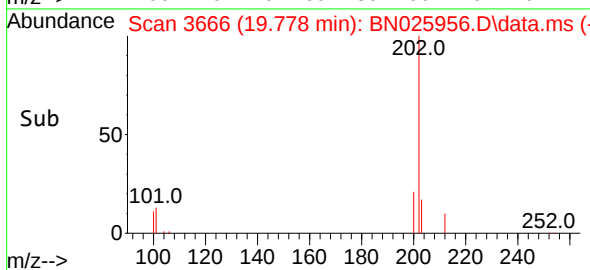
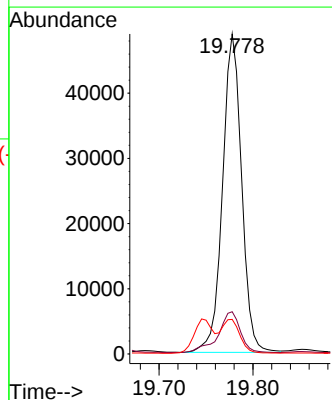
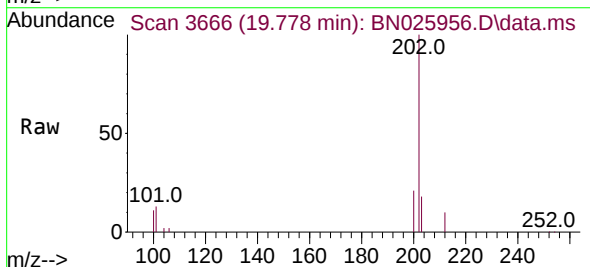
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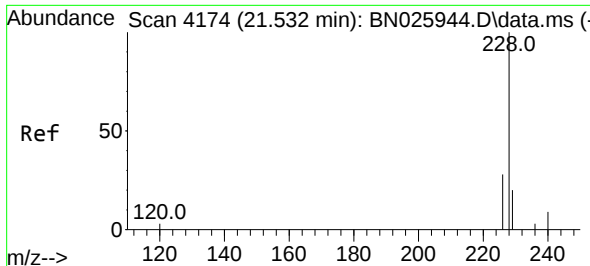
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 0.741 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

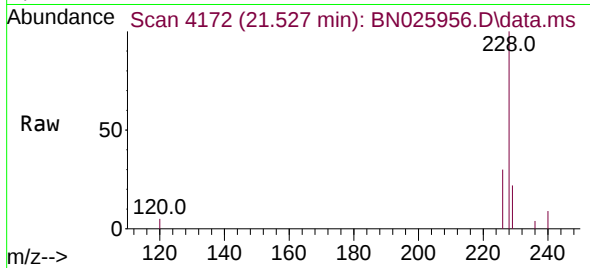
Tgt Ion:202 Resp: 69018
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.451 ng/u1
RT: 21.527 min Scan# 4172
Delta R.T. -0.005 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

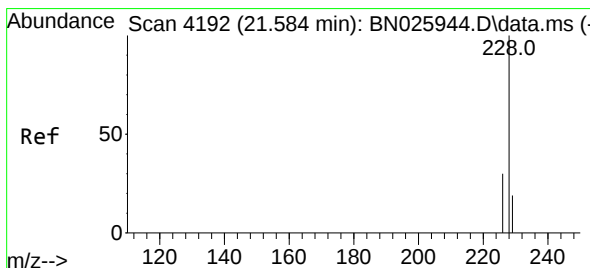
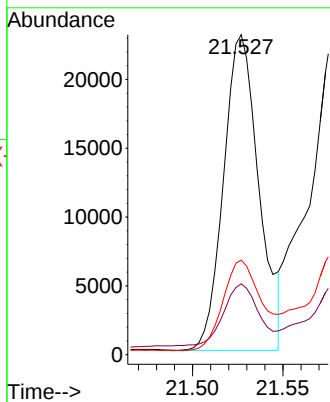
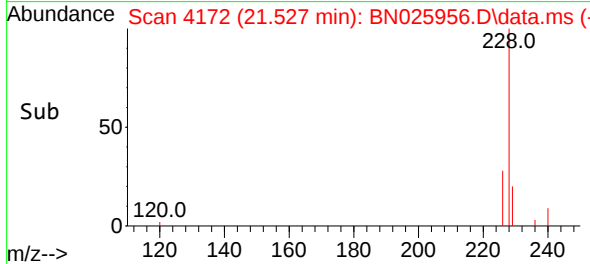
Instrument :
BNA_N
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DCFL7DL



Tgt Ion:228 Resp: 31219
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.6 22.5 33.7

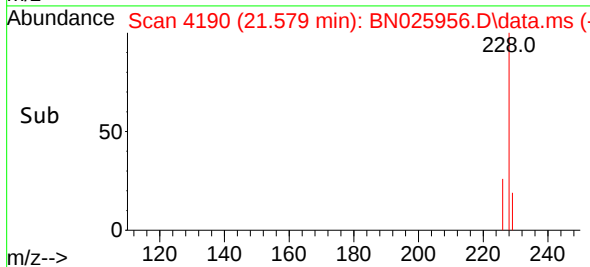
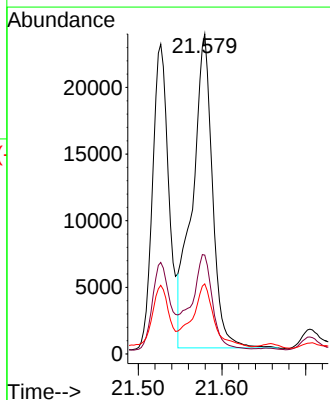
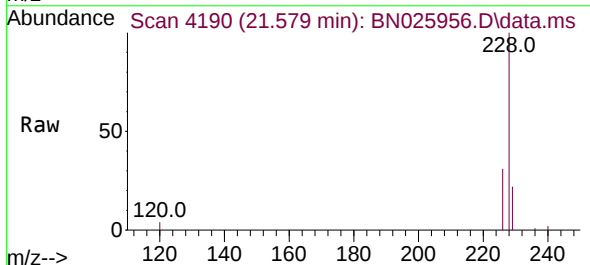
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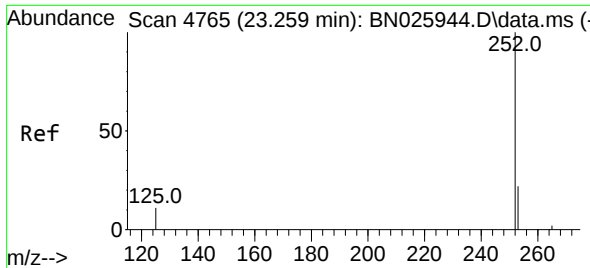
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 0.546 ng/u1
RT: 21.579 min Scan# 4190
Delta R.T. -0.005 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

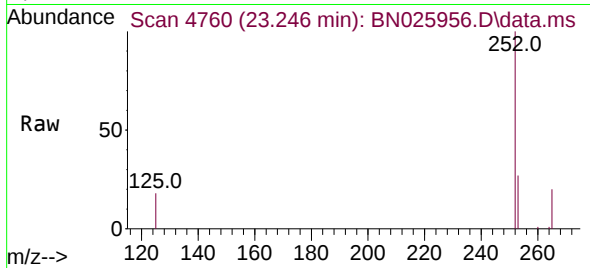
Tgt Ion:228 Resp: 39340
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.746 ng/ul m
RT: 23.246 min Scan# 4765
Delta R.T. -0.011 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

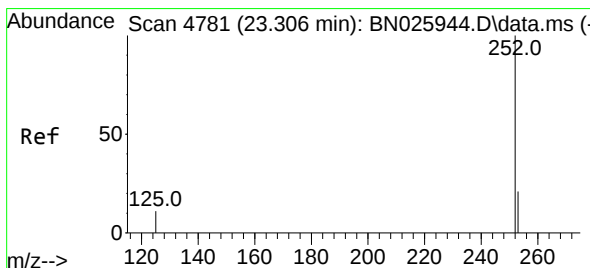
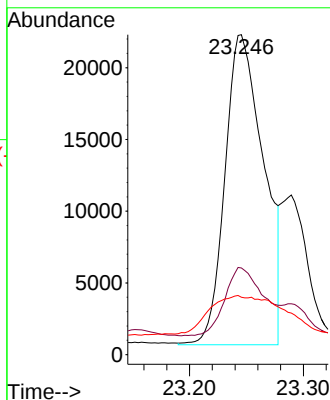
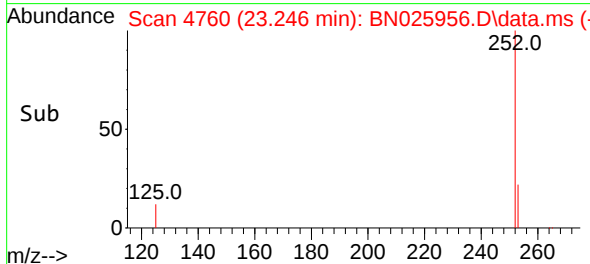
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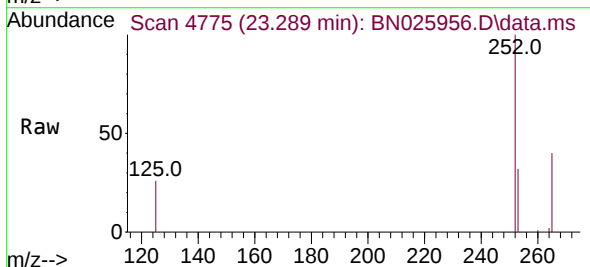
Tgt Ion:252 Resp: 51010
Ion Ratio Lower Upper
252 100
253 27.1 0.0 55.6
125 17.9 0.0 35.8

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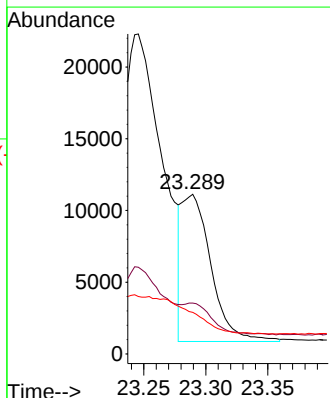
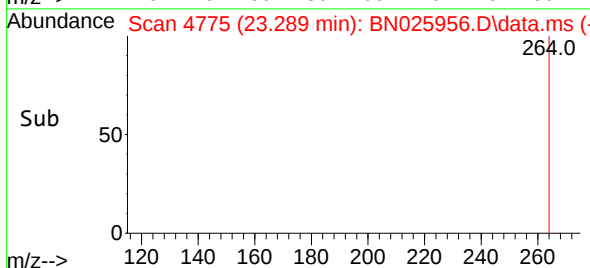
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

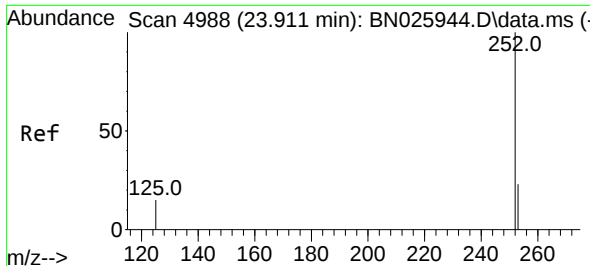


#25
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.020 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24



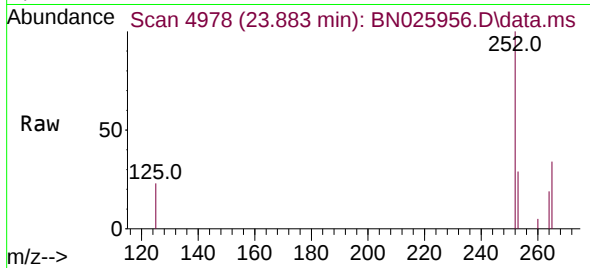
Tgt Ion:252 Resp: 16872
Ion Ratio Lower Upper
252 100
253 31.9 23.2 34.8
125 26.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.883 min Scan# 4988
Delta R.T. -0.025 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

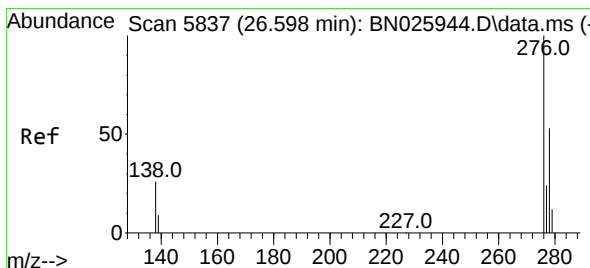
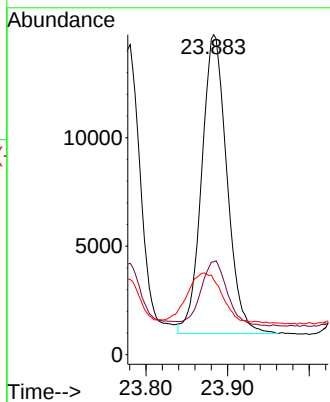
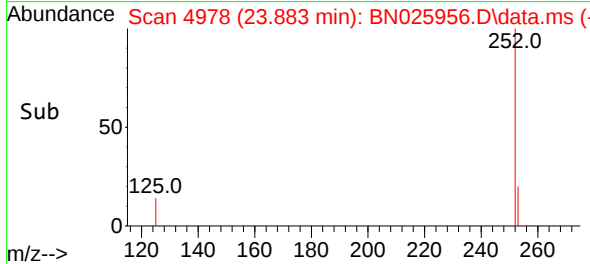
Instrument :
BNA_N
ClientSampleId :
DCFL7DL



Tgt Ion:252 Resp: 29578
Ion Ratio Lower Upper
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125 23.4 17.3 25.9

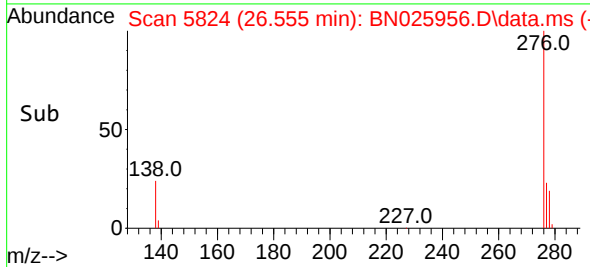
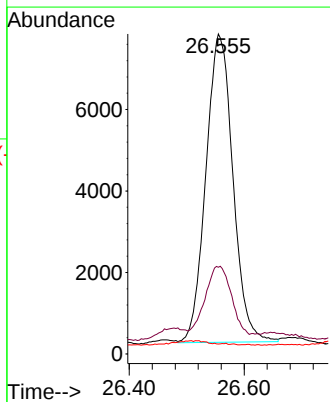
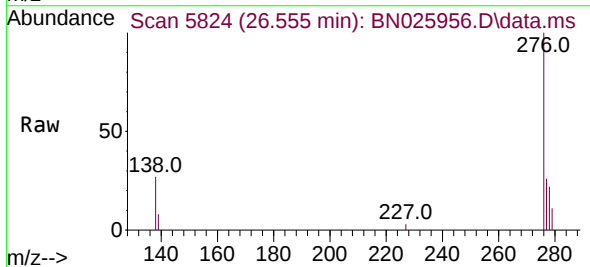
Manual Integrations
APPROVED

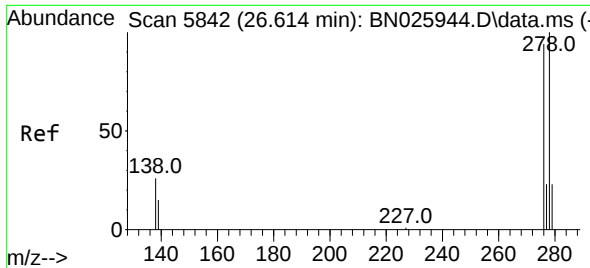
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.555 min Scan# 5824
Delta R.T. -0.039 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

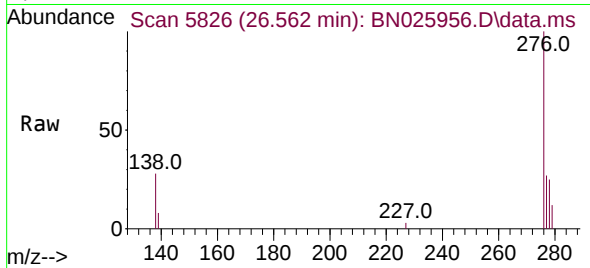
Tgt Ion:276 Resp: 24687
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.562 min Scan# 5826
Delta R.T. -0.060 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

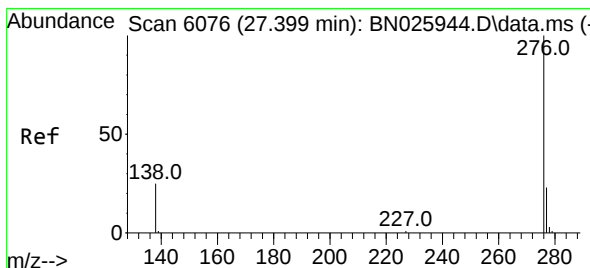
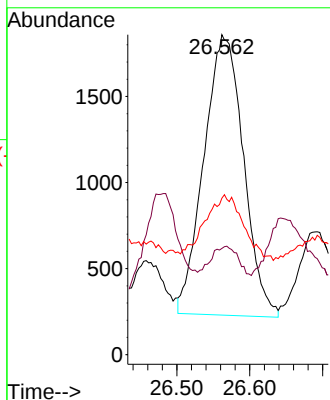
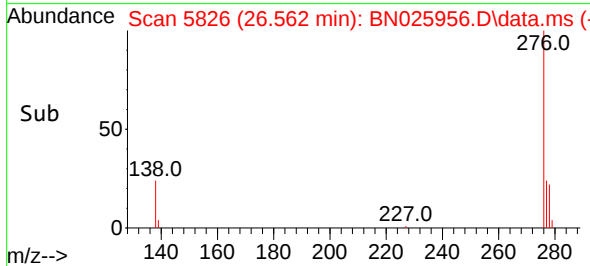
Instrument :
BNA_N
ClientSampleId :
DCFL7DL



Tgt Ion:278 Resp: 614
Ion Ratio Lower Upper
278 100
139 33.2 19.0 28.4
279 48.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 27.350 min Scan# 6061
Delta R.T. -0.036 min
Lab File: BN025956.D
Acq: 23 Jun 2023 02:24

Tgt Ion:276 Resp: 25541
Ion Ratio Lower Upper
276 100
138 28.4 23.4 35.0
277 26.3 20.0 30.0

