

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026137.D
 Acq On : 30 Jun 2023 19:33
 Operator : MA/JU
 Sample : 03143-20DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 01:47:49 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	26015	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29154	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	15543	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	15327	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3744	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1055	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	1962	0.033	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.825	128	2140	0.029	ng/ul#	86
7) 2-Methylnaphthalene	12.442	142	1173	0.025	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	985	0.020	ng/ul	96
10) Acenaphthylene	14.325	152	3563	0.051	ng/ul#	93
11) Acenaphthene	14.667	153	1388	0.024	ng/ul	97
15) Phenanthrene	17.393	178	35330	0.367	ng/ul	100
16) Anthracene	17.486	178	6799	0.079	ng/ul#	93
19) Fluoranthene	19.410	202	94137	1.134	ng/ul	97
20) Pyrene	19.768	202	76888	0.890	ng/ul	98
21) Benzo(a)anthracene	21.520	228	31715	0.495	ng/ul	97
22) Chrysene	21.576	228	37512	0.562	ng/ul	97
24) Benzo(b)fluoranthene	23.251	252	57963m	0.886	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	18500m	0.282	ng/ul	
26) Benzo(a)pyrene	23.888	252	35893	0.632	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.581	276	29436	0.474	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.588	278	7026	0.150	ng/ul#	72
29) Benzo(g,h,i)perylene	27.376	276	27997	0.507	ng/ul	98

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

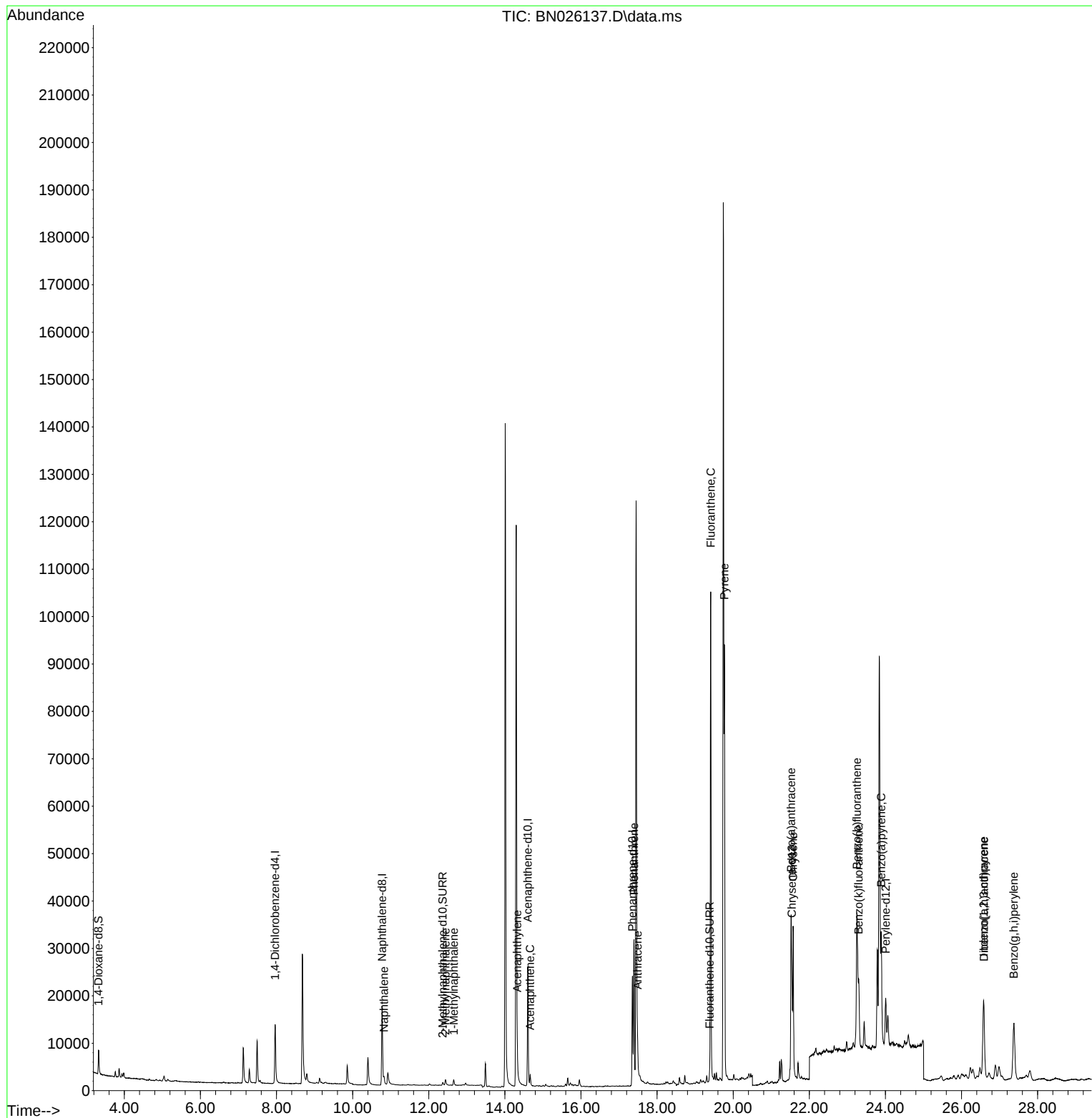
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026137.D
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ALS Vial : 18 Sample Multiplier: 1

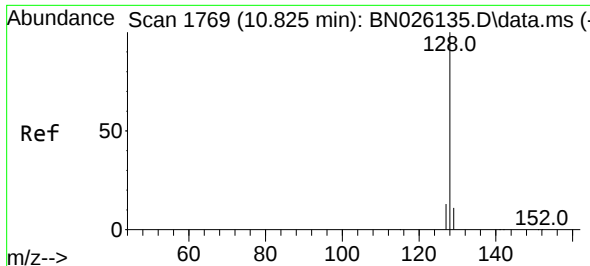
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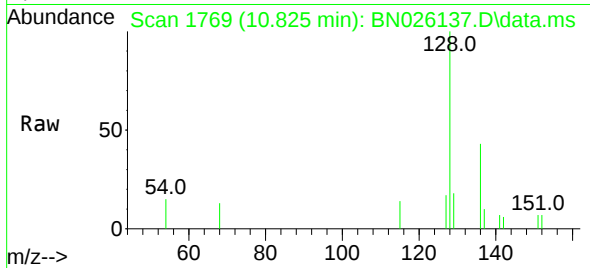
Quant Time: Jul 01 01:47:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

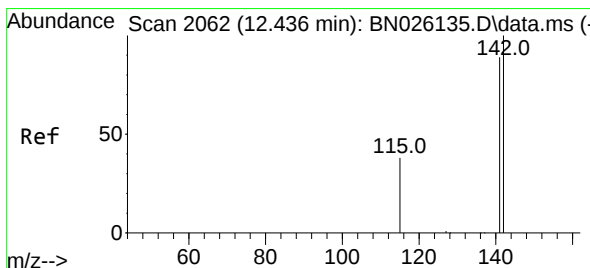
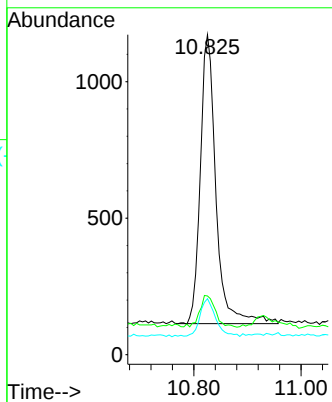
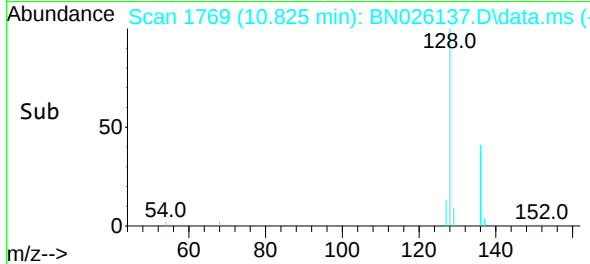
Instrument :
BNA_N
ClientSampleId :
DCFV7DL



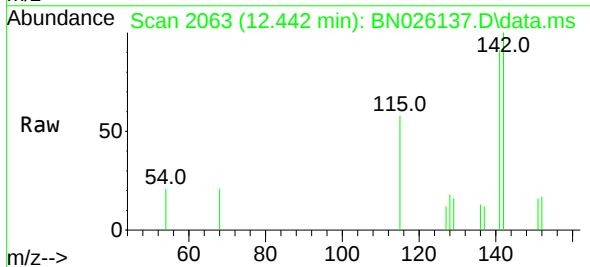
Tgt Ion:128 Resp: 2140
Ion Ratio Lower Upper
128 100
129 18.3 9.1 13.7
127 17.5 10.7 16.1

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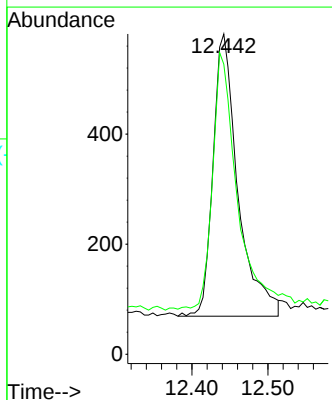
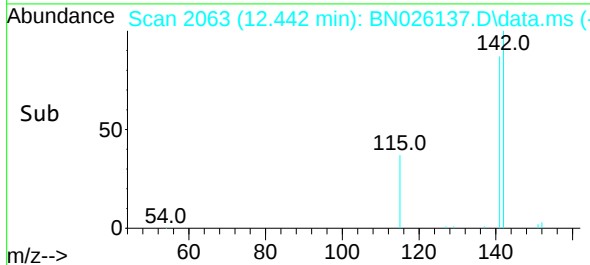
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

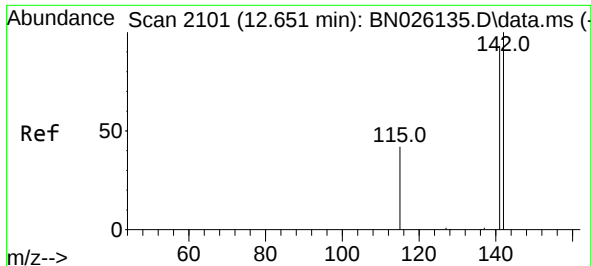


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33



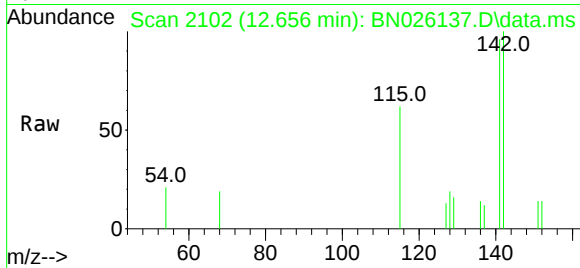
Tgt Ion:142 Resp: 1173
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.656 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

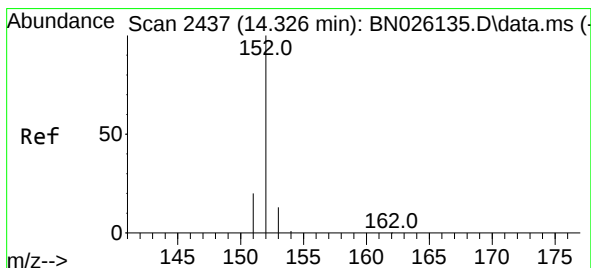
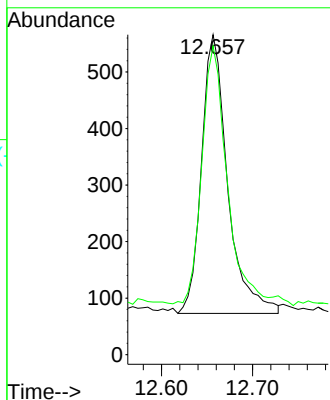
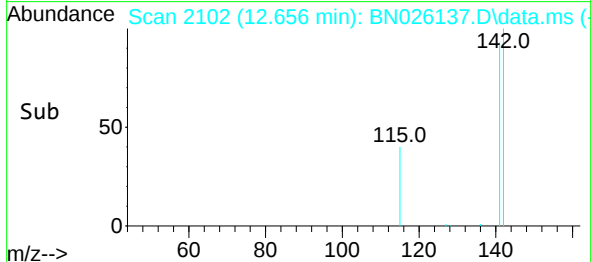
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 985
Ion Ratio Lower Upper
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141 88.6 74.2 111.4

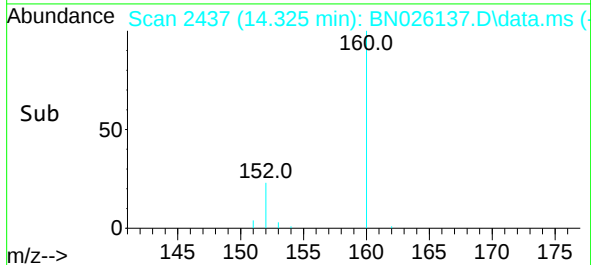
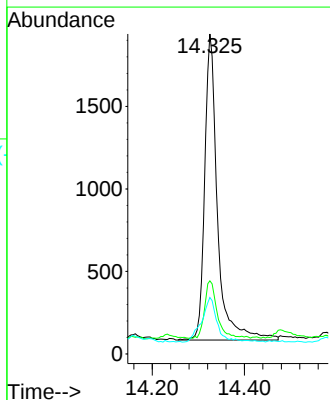
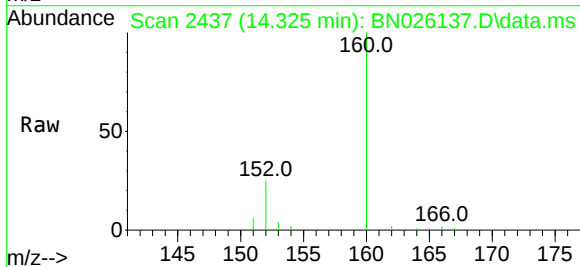
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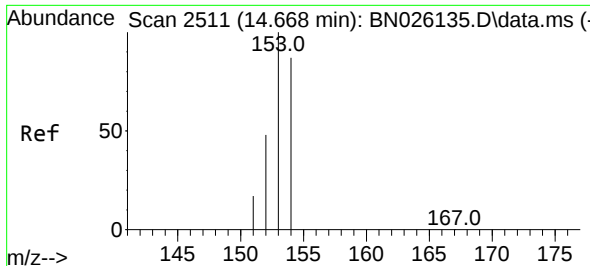
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

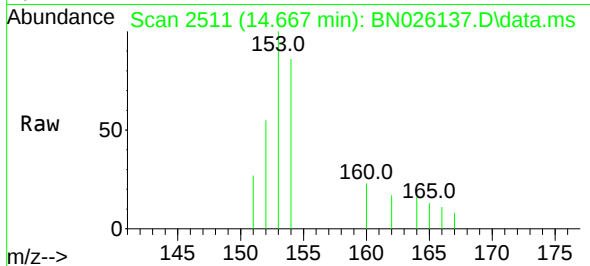
Tgt Ion:152 Resp: 3563
Ion Ratio Lower Upper
152 100
151 22.8 16.2 24.4
153 17.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

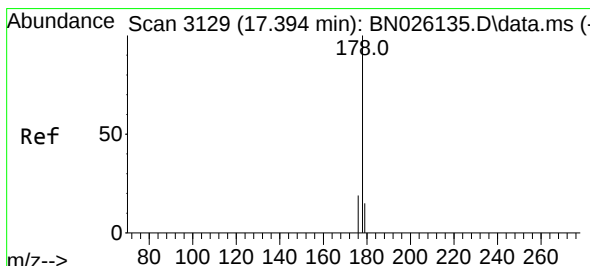
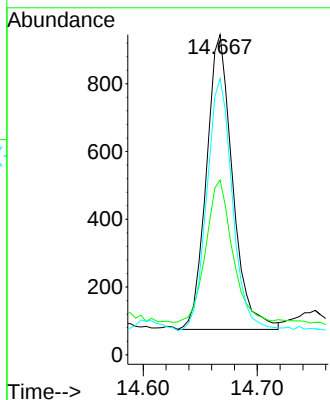
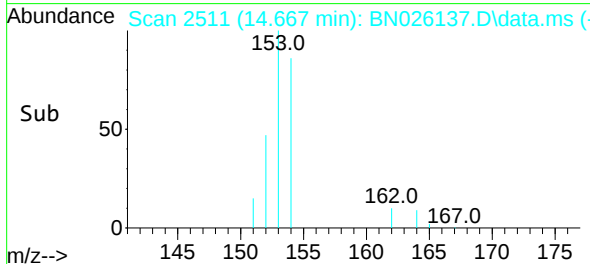
Instrument :
BNA_N
ClientSampleId :
DCFV7DL



Tgt Ion:153 Resp: 138
Ion Ratio Lower Upper
153 100
152 54.6 39.4 59.0
154 86.2 68.9 103.3

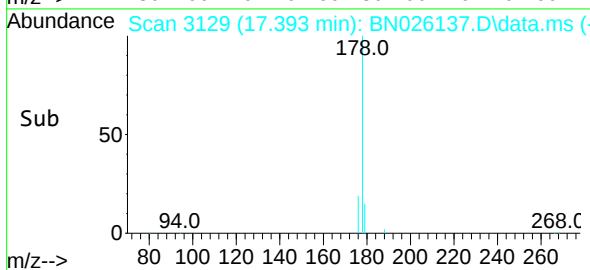
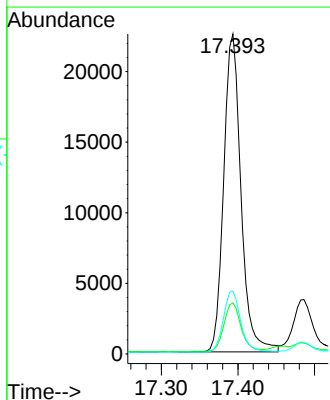
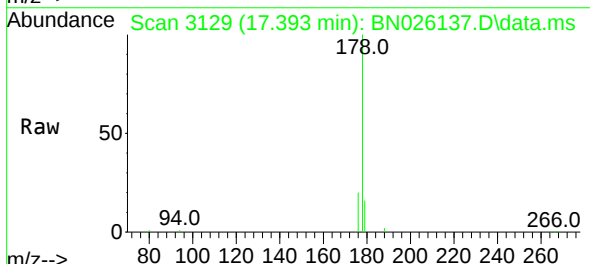
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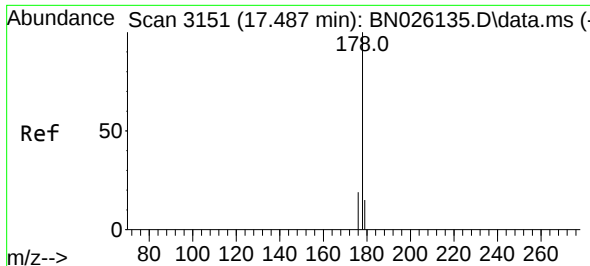
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

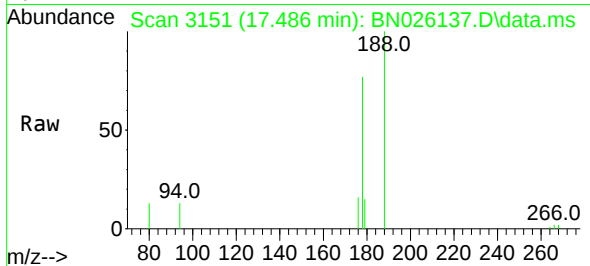
Tgt Ion:178 Resp: 35330
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.079 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.001 min
 Lab File: BN026137.D
 Acq: 30 Jun 2023 19:33

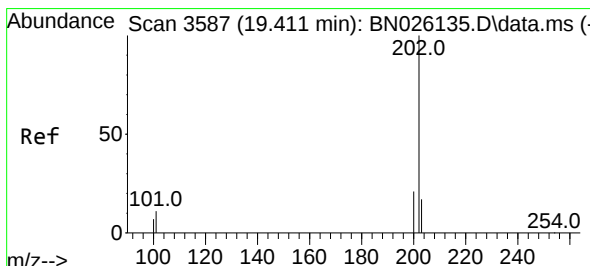
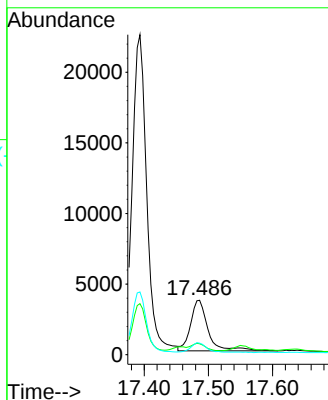
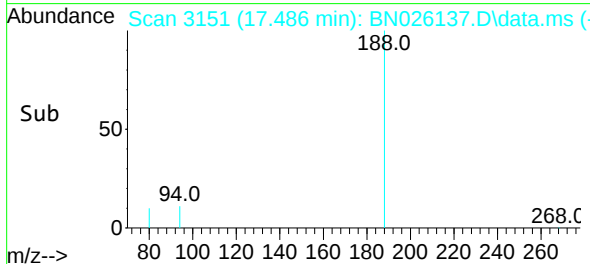
Instrument :
 BNA_N
 ClientSampleId :
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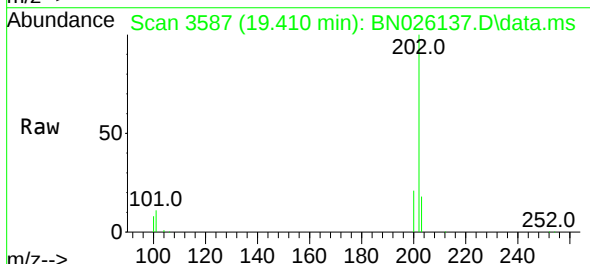
Tgt Ion:178 Resp: 6799
 Ion Ratio Lower Upper
 178 100
 179 19.9 12.6 18.8
 176 21.2 15.1 22.7

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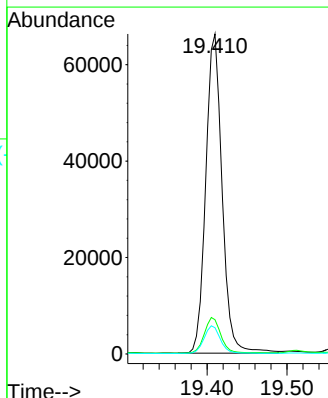
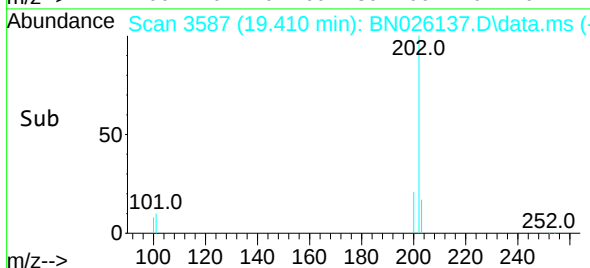
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 Supervised By :mohammad ahmed 07/01/2023

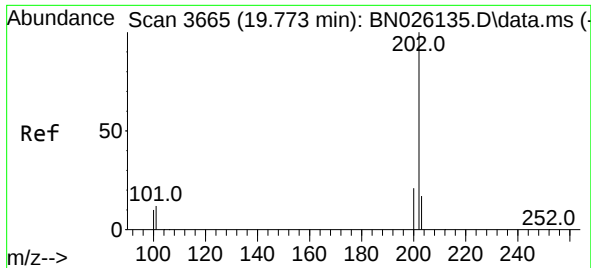


#19
 Fluoranthene
 Concen: 1.134 ng/ul
 RT: 19.410 min Scan# 3587
 Delta R.T. -0.001 min
 Lab File: BN026137.D
 Acq: 30 Jun 2023 19:33



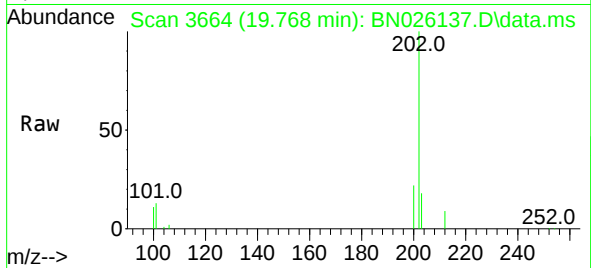
Tgt Ion:202 Resp: 94137
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.2 7.3 10.9





#20
Pyrene
Concen: 0.890 ng/ul
RT: 19.768 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

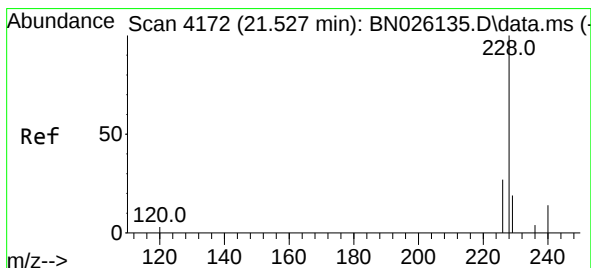
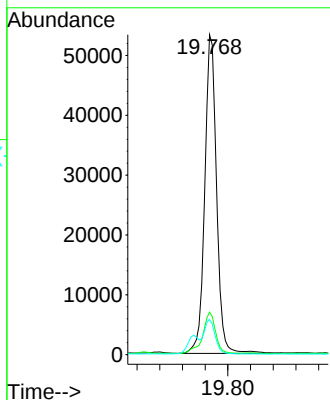
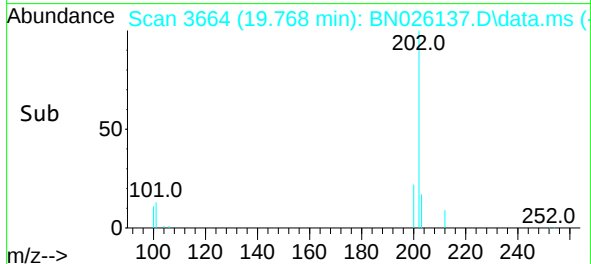
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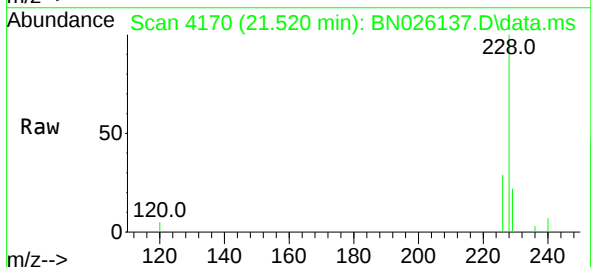
Tgt Ion:202 Resp: 7688
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.0 9.1 13.7

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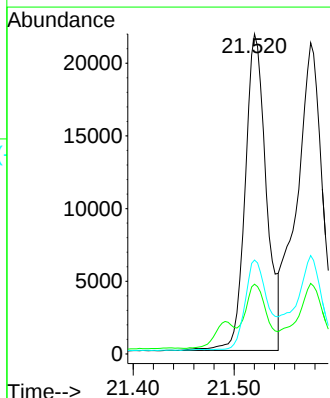
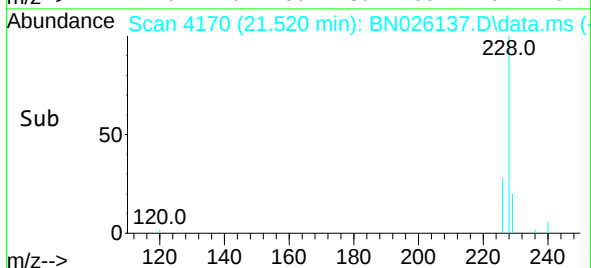
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Supervised By :mohammad ahmed 07/01/2023

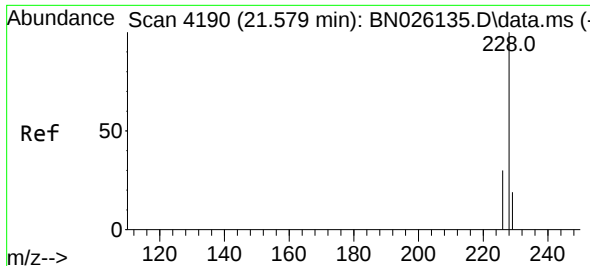


#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33



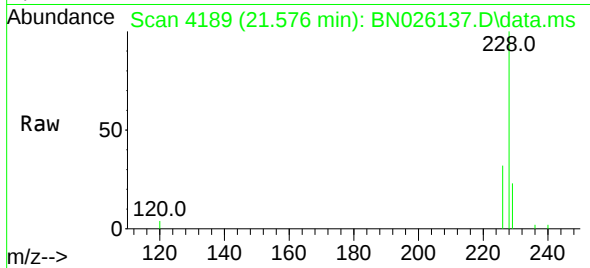
Tgt Ion:228 Resp: 31715
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 29.4 22.5 33.7





#22
Chrysene
Concen: 0.562 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

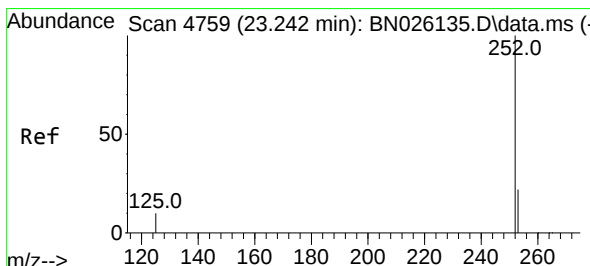
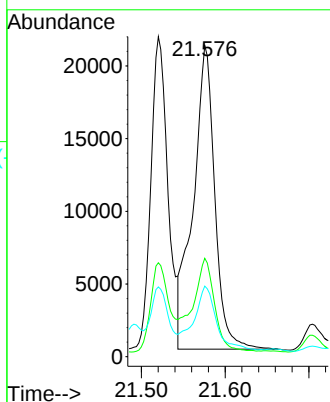
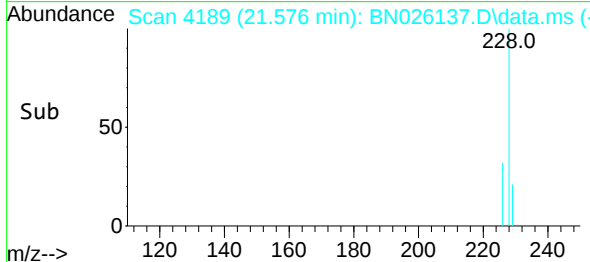
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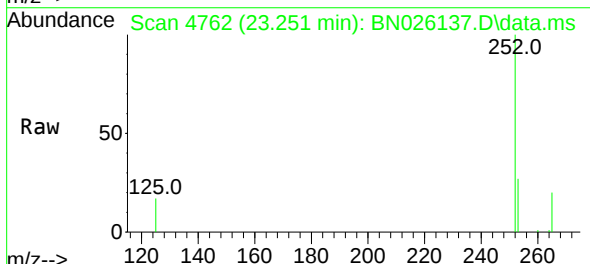
Tgt Ion:228 Resp: 37512
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.7 15.7 23.5

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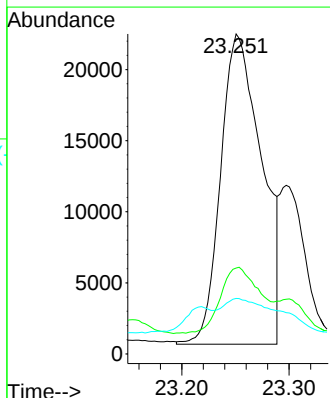
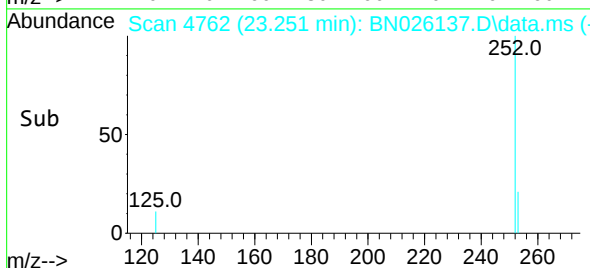
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

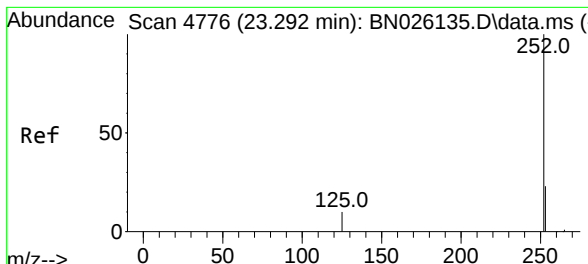


#24
Benzo(b)fluoranthene
Concen: 0.886 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33



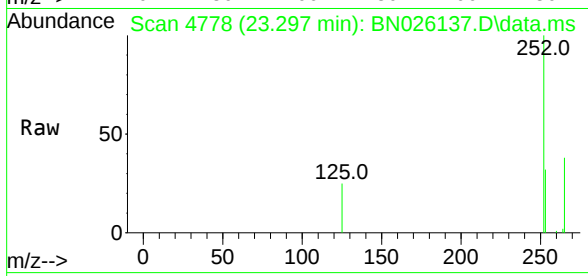
Tgt Ion:252 Resp: 57963
Ion Ratio Lower Upper
252 100
253 26.8 0.0 55.6
125 17.3 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 23.297 min Scan# 4776
Delta R.T. 0.005 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

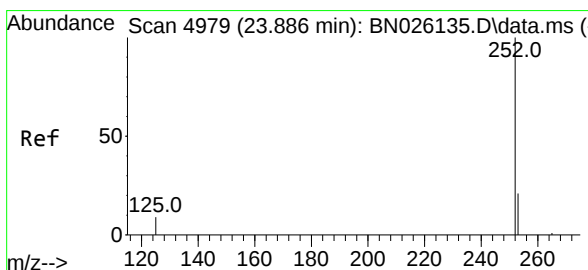
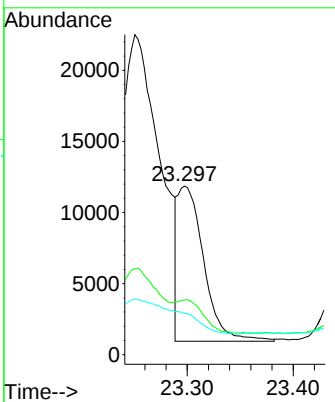
Instrument :
BNA_N
ClientSampleId :
DCFV7DL



Tgt Ion:252 Resp: 18500
Ion Ratio Lower Upper
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253 32.5 23.2 34.8
125 24.5 15.0 22.4

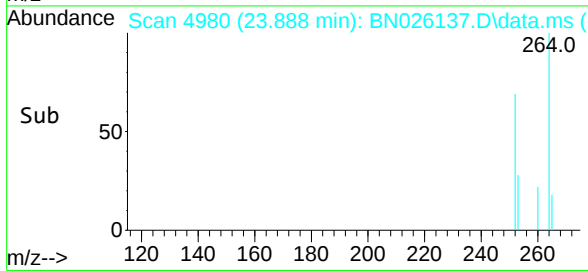
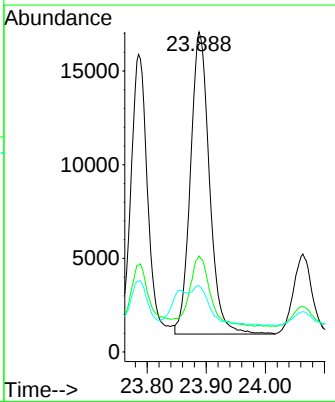
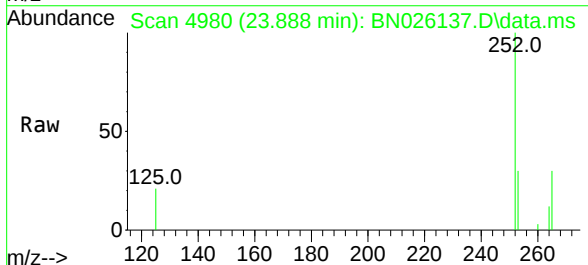
Manual Integrations
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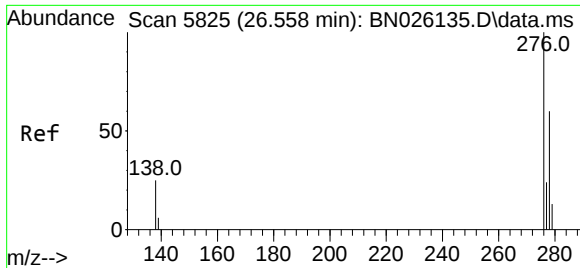
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#26
Benzo(a)pyrene
Concen: 0.632 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. 0.002 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:252 Resp: 35893
Ion Ratio Lower Upper
252 100
253 30.0 26.0 39.0
125 20.7 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.474 ng/ul

RT: 26.581 min Scan# 5832

Delta R.T. 0.023 min

Lab File: BN026137.D

Acq: 30 Jun 2023 19:33

Instrument :

BNA_N

ClientSampleId :

DCFV7DL

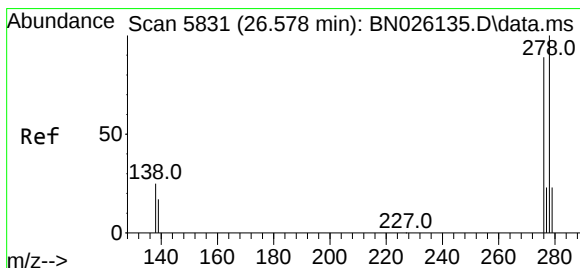
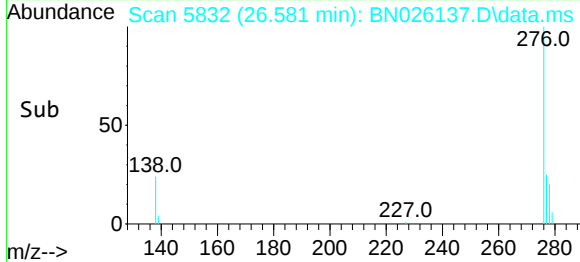
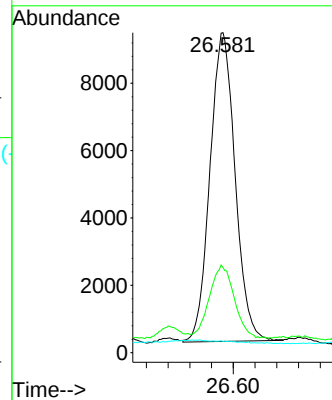
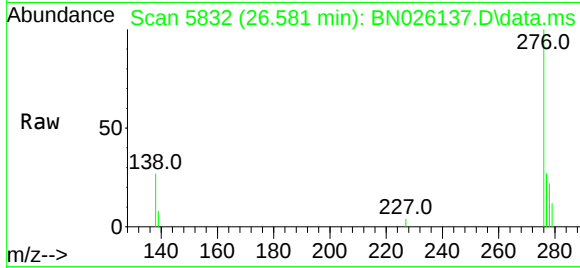
Tgt Ion:	276	Resp:	2943
Ion Ratio	Lower	Upper	
276	100		
138	23.5	24.5	36.7
227	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.150 ng/ul

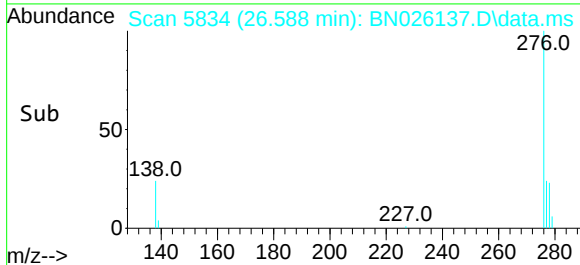
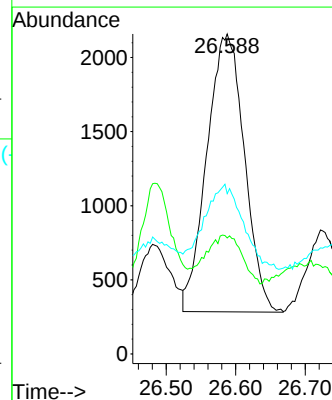
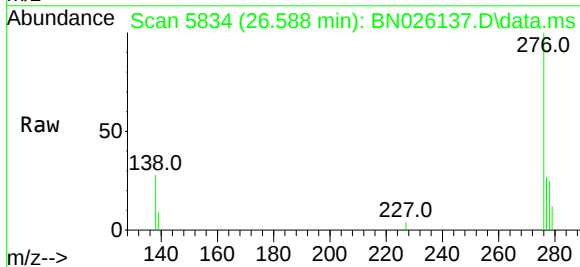
RT: 26.588 min Scan# 5834

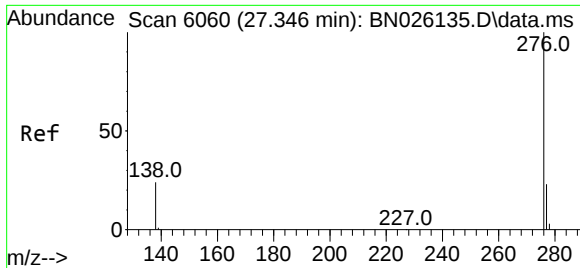
Delta R.T. 0.009 min

Lab File: BN026137.D

Acq: 30 Jun 2023 19:33

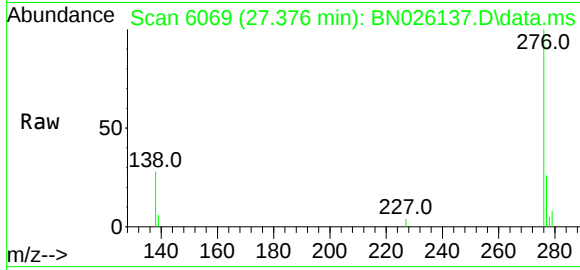
Tgt Ion:	278	Resp:	7026
Ion Ratio	Lower	Upper	
278	100		
139	36.2	19.0	28.4
279	50.1	26.7	40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.507 ng/ul
 RT: 27.376 min Scan# 6069
 Delta R.T. 0.030 min
 Lab File: BN026137.D
 Acq: 30 Jun 2023 19:33

Instrument :
 BNA_N
 ClientSampleId :
 DCFV7DL



Tgt Ion:	276	Resp:	2799
Ion Ratio	Lower	Upper	
276	100		
138	28.0	23.4	35.0
277	26.3	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

