

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025946.D
 Acq On : 22 Jun 2023 20:23
 Operator : MA/JU
 Sample : 03083-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK2DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:04:46 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	7919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	24672	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	32967	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	21191	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16809	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6698	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1985	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	4485	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.842	128	11242	0.159	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	8734	0.194	ng/ul	98
8) 1-Methylnaphthalene	12.673	142	8090	0.173	ng/ul	99
10) Acenaphthylene	14.340	152	22765	0.317	ng/ul	98
11) Acenaphthene	14.682	153	1763	0.030	ng/ul	96
12) Fluorene	15.663	166	2196	0.033	ng/ul#	85
15) Phenanthrene	17.403	178	77978	0.716	ng/ul	99
16) Anthracene	17.495	178	10346	0.107	ng/ul#	94
19) Fluoranthene	19.420	202	197386	1.744	ng/ul	97
20) Pyrene	19.782	202	167029	1.419	ng/ul	95
21) Benzo(a)anthracene	21.533	228	79059	0.904	ng/ul	96
22) Chrysene	21.588	228	92989	1.022	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	115729m	1.613	ng/ul	
25) Benzo(k)fluoranthene	23.307	252	38389m	0.533	ng/ul	
26) Benzo(a)pyrene	23.900	252	62594	1.005	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.568	276	48394	0.711	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.575	278	11746	0.228	ng/ul#	88
29) Benzo(g,h,i)perylene	27.370	276	47142	0.779	ng/ul	96

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

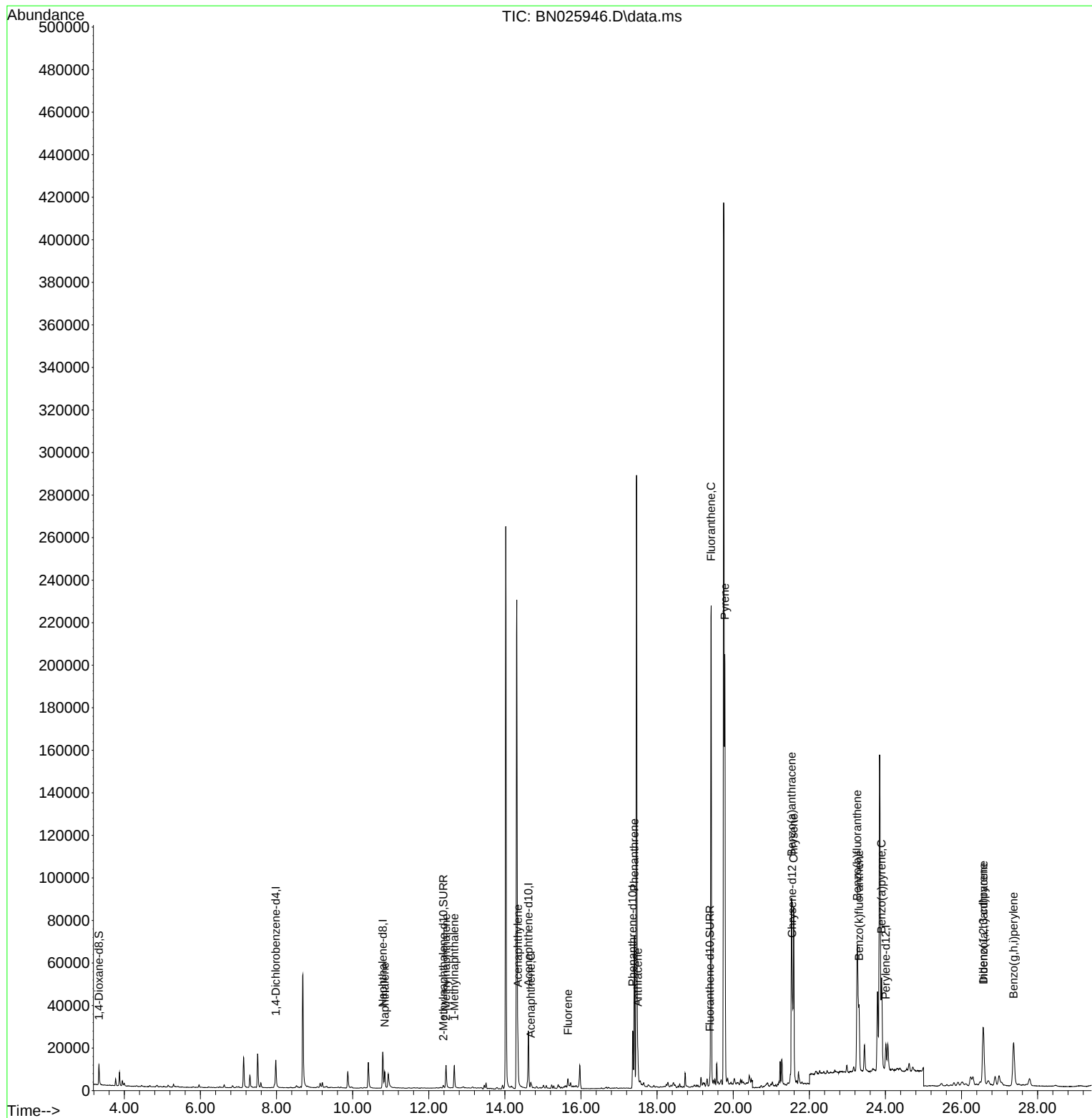
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025946.D
Acq On : 22 Jun 2023 20:23
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Sample : 03083-04DL 5X
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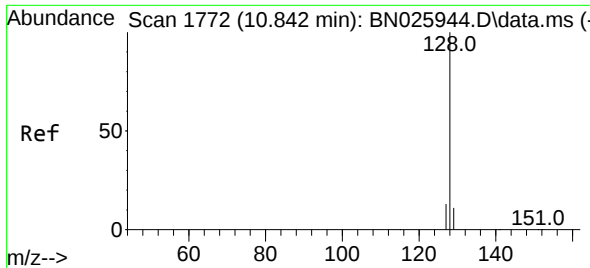
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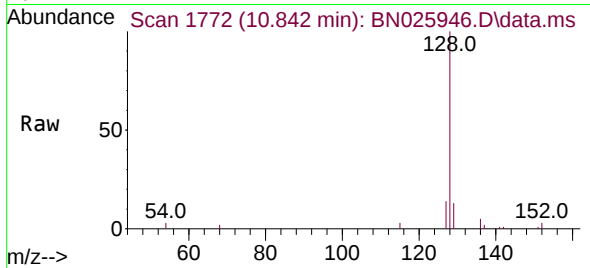
Quant Time: Jun 23 01:04:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.842 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

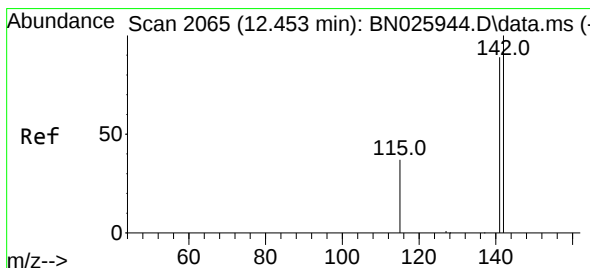
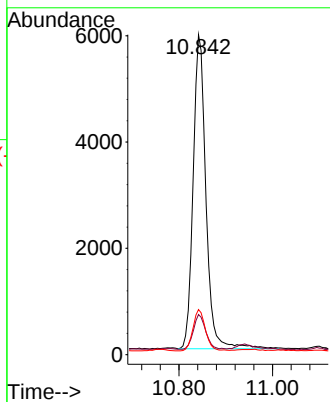
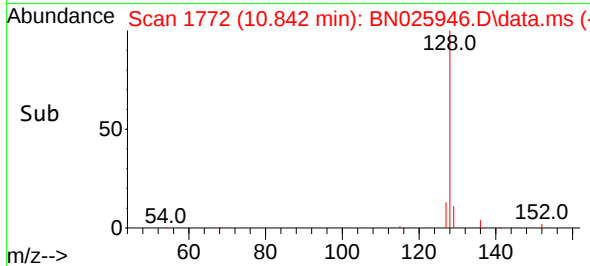
Instrument :
BNA_N
ClientSampleId :
DCFK2DL



Tgt Ion:128 Resp: 1124
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.1 10.7 16.1

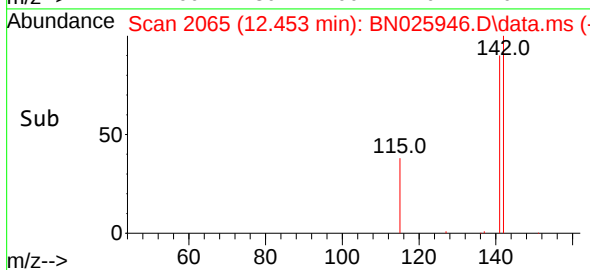
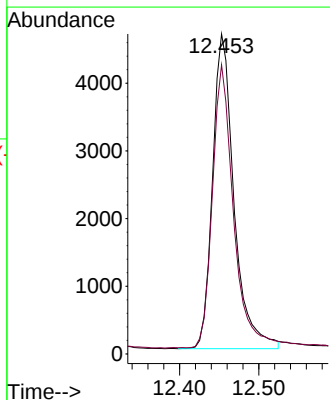
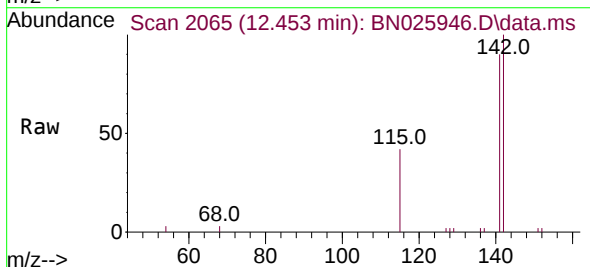
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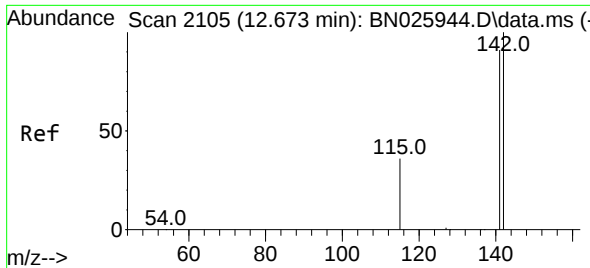
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

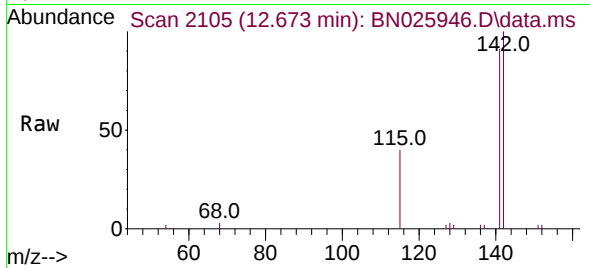
Tgt Ion:142 Resp: 8734
Ion Ratio Lower Upper
142 100
141 88.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

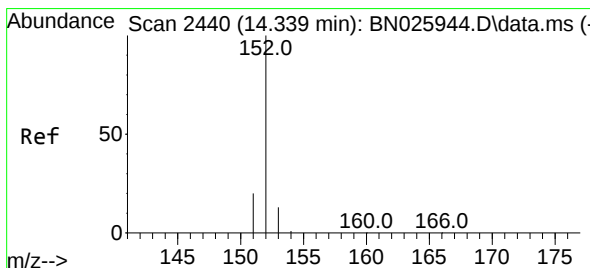
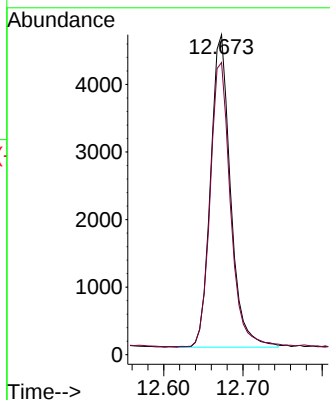
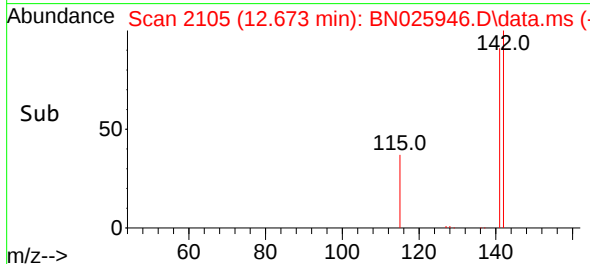
Instrument :
BNA_N
ClientSampleId :
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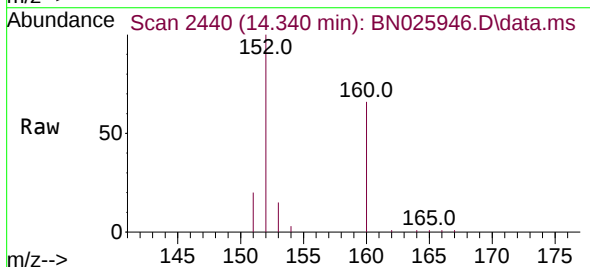
Tgt Ion:142 Resp: 8090
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

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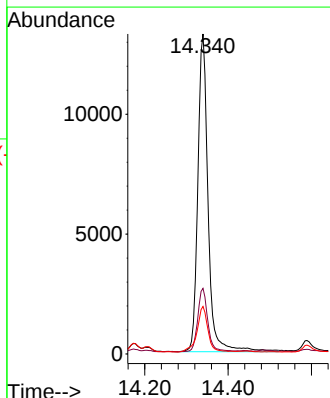
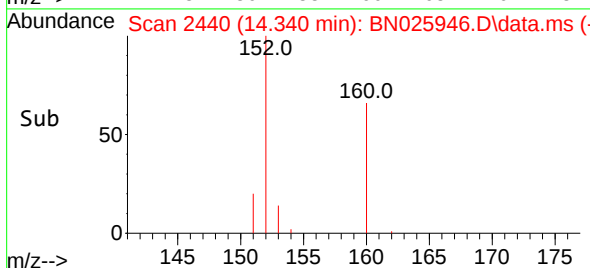
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

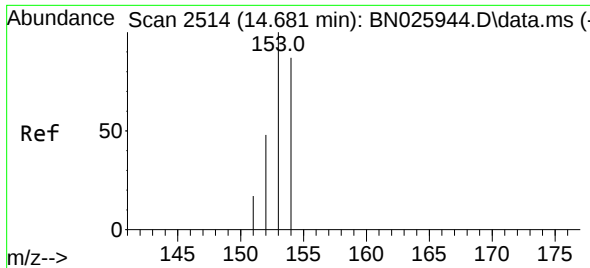


#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23



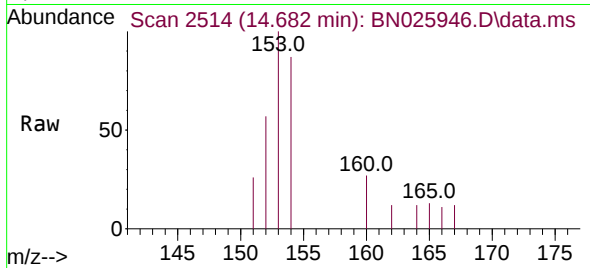
Tgt Ion:152 Resp: 22765
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.682 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

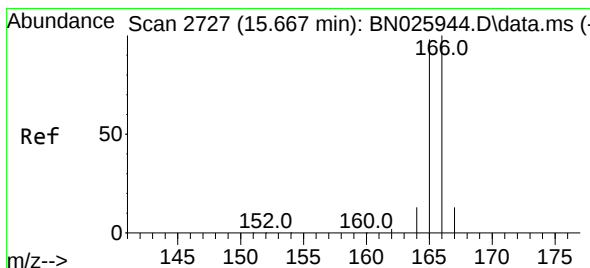
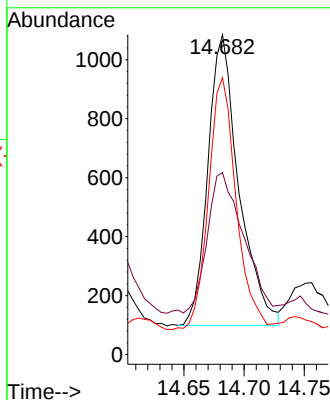
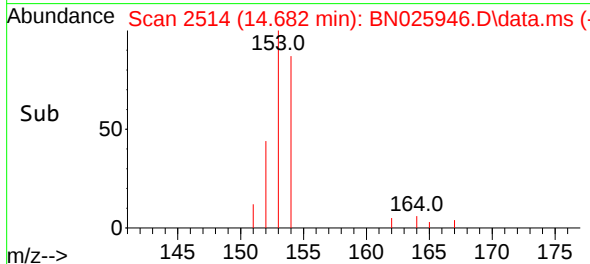
Instrument :
BNA_N
ClientSampleId :
DCFK2DL



Tgt Ion:153 Resp: 176
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 86.5 68.9 103.3

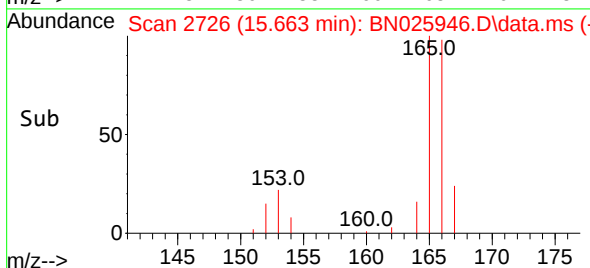
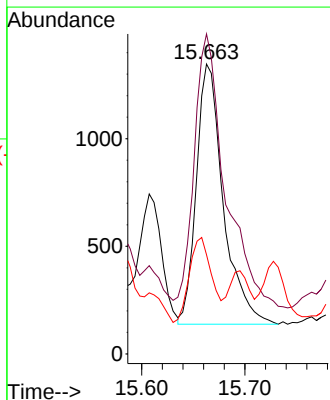
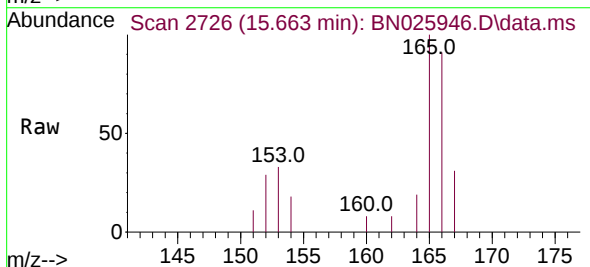
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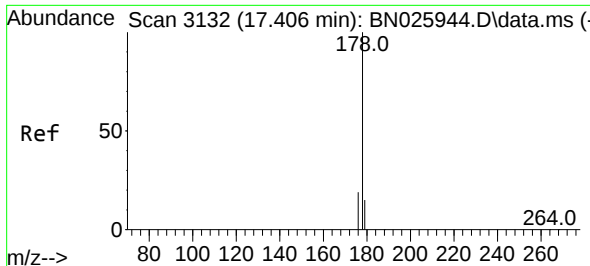
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

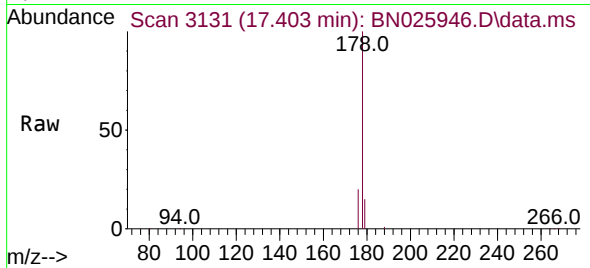
Tgt Ion:166 Resp: 2196
Ion Ratio Lower Upper
166 100
165 110.4 79.9 119.9
167 34.2 10.8 16.2#





#15
Phenanthrene
Concen: 0.716 ng/ul
RT: 17.403 min Scan# 3132
Delta R.T. -0.003 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

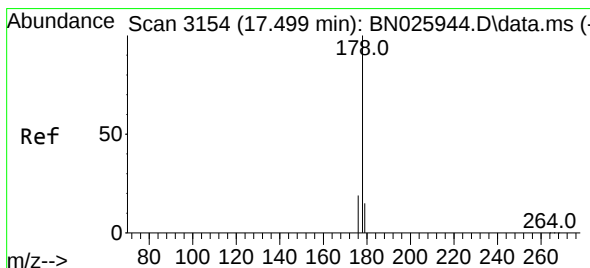
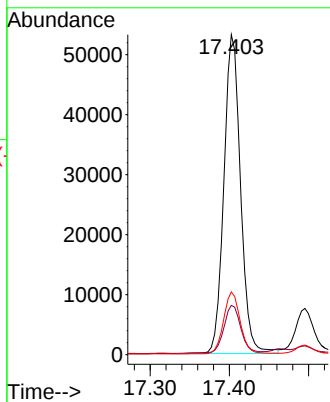
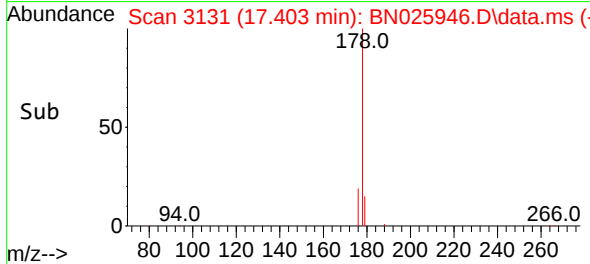
Instrument :
BNA_N
ClientSampleId :
DCFK2DL



Tgt Ion:178 Resp: 77978
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6

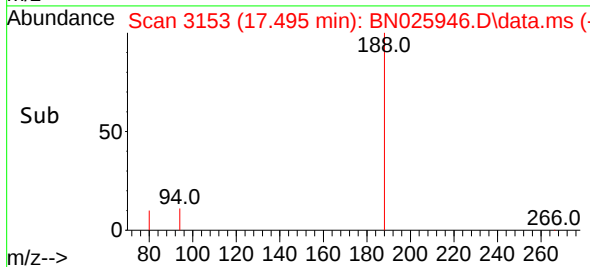
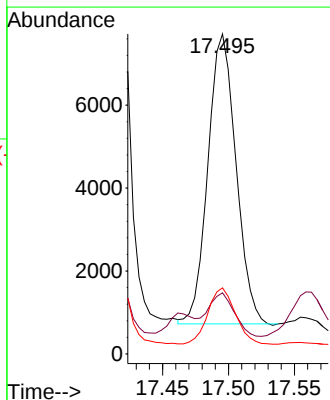
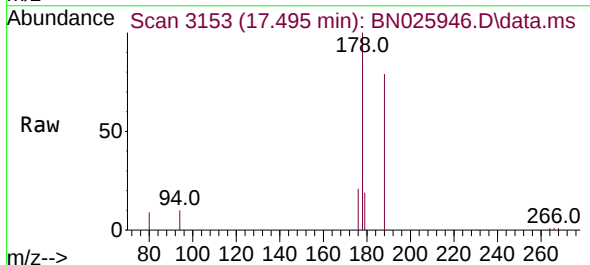
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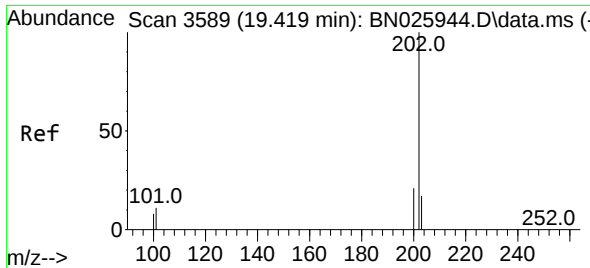
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:178 Resp: 10346
Ion Ratio Lower Upper
178 100
179 19.1 12.6 18.8#
176 20.7 15.1 22.7





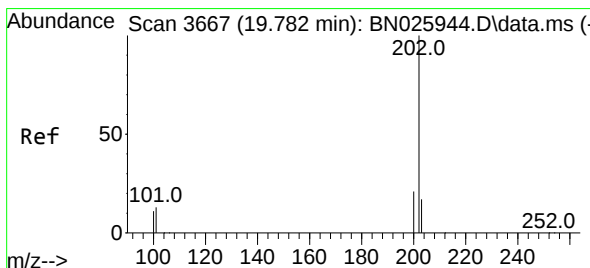
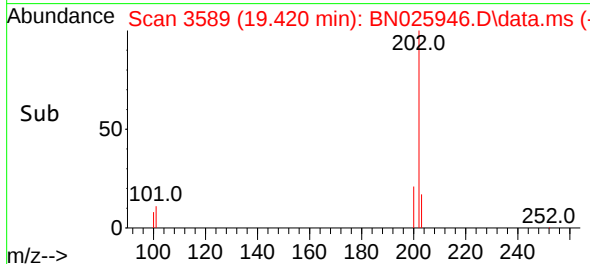
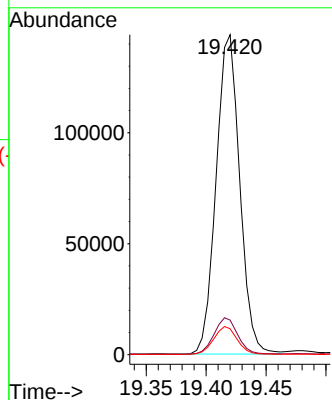
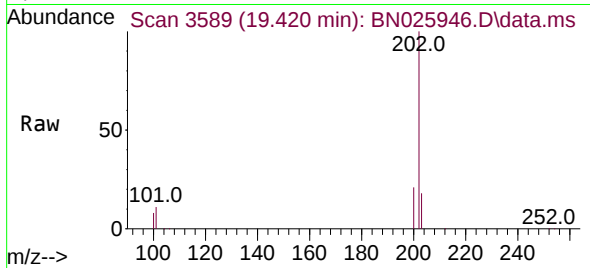
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Fluoranthene
Concen: 1.744 ng/ul
RT: 19.420 min Scan# 3589
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:202 Resp: 197380
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.1 7.3 10.9

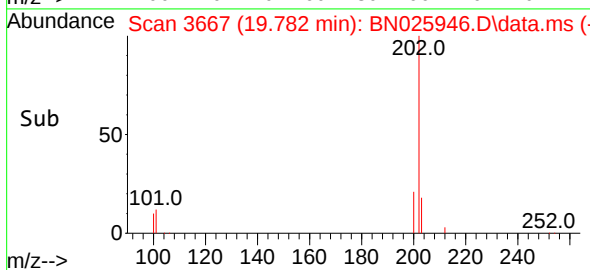
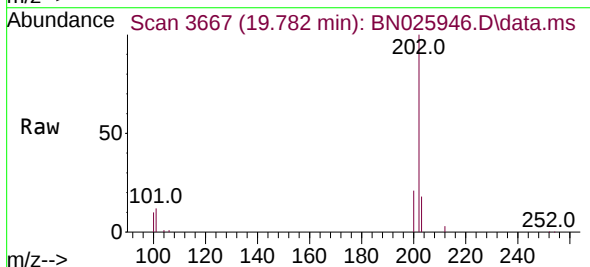
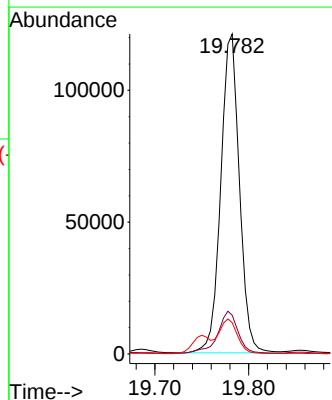
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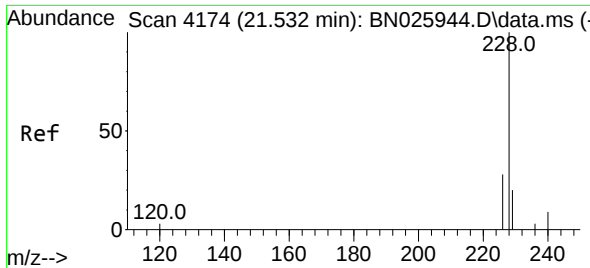
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 1.419 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

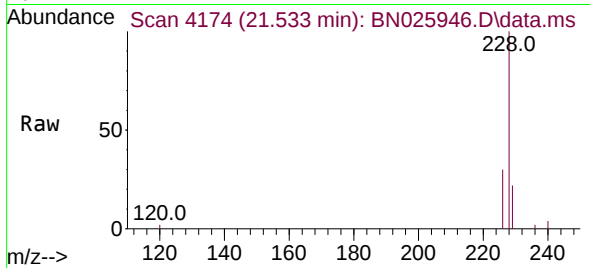
Tgt Ion:202 Resp: 167029
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.904 ng/u1
RT: 21.533 min Scan# 4174
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

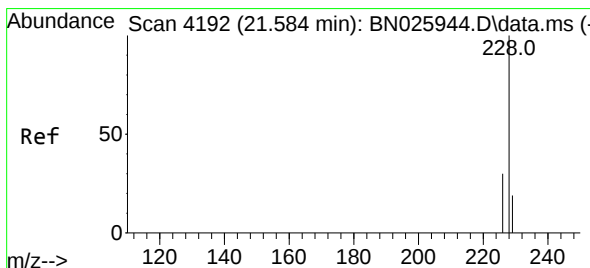
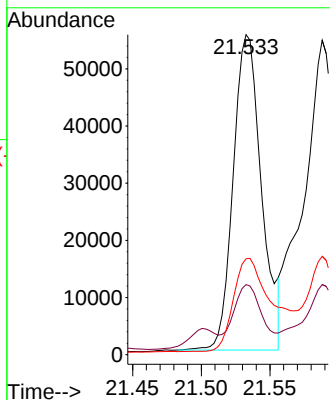
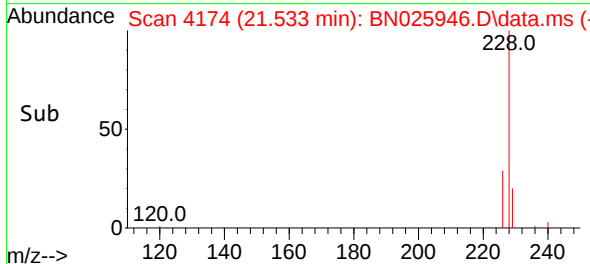
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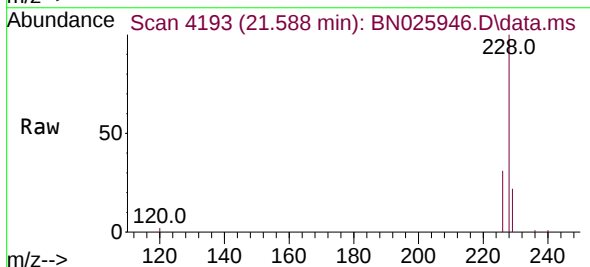
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Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 30.0 22.5 33.7

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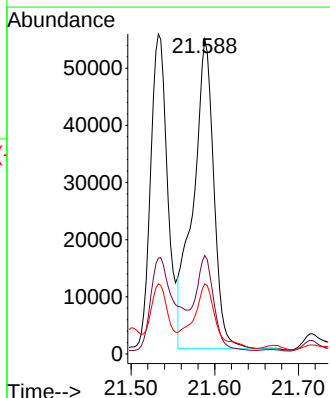
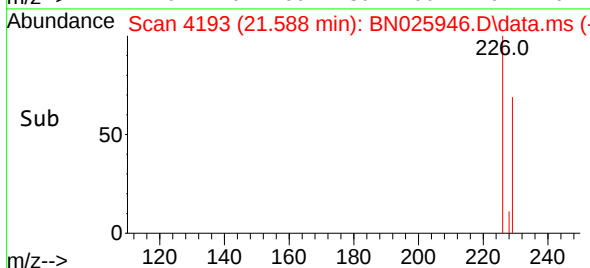
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

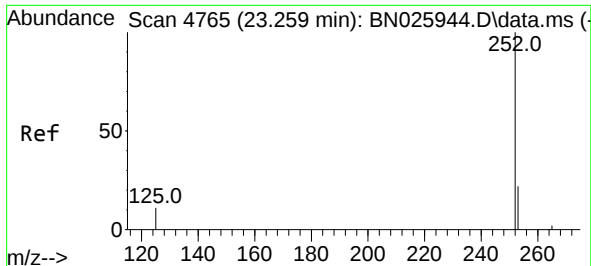


#22
Chrysene
Concen: 1.022 ng/u1
RT: 21.588 min Scan# 4193
Delta R.T. 0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23



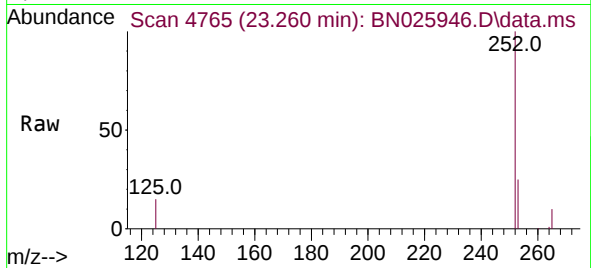
Tgt Ion:228 Resp: 92989
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.613 ng/ul m
RT: 23.260 min Scan# 4765
Delta R.T. 0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

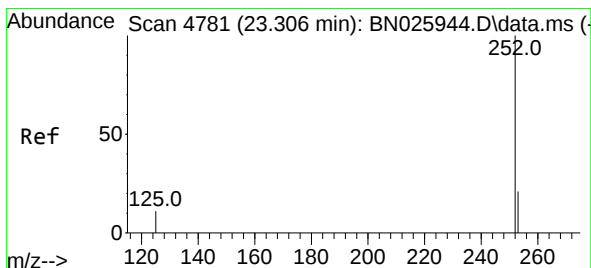
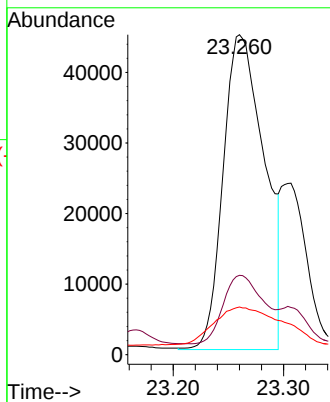
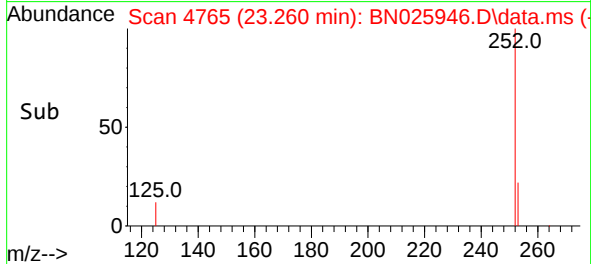
Instrument :
BNA_N
ClientSampleId :
DCFK2DL



Tgt Ion:252 Resp: 115729
Ion Ratio Lower Upper
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253 24.8 0.0 55.6
125 14.9 0.0 35.8

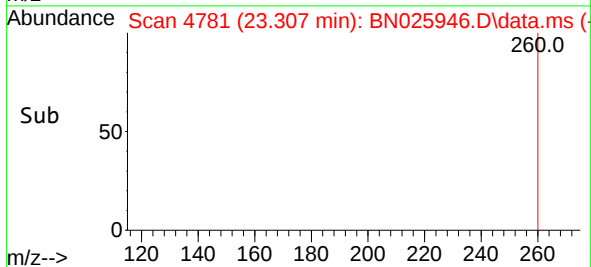
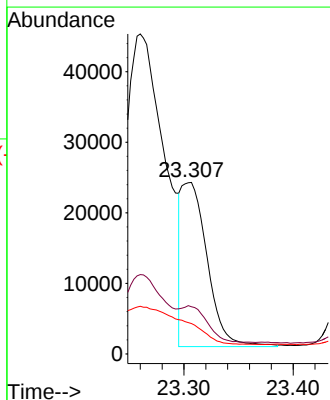
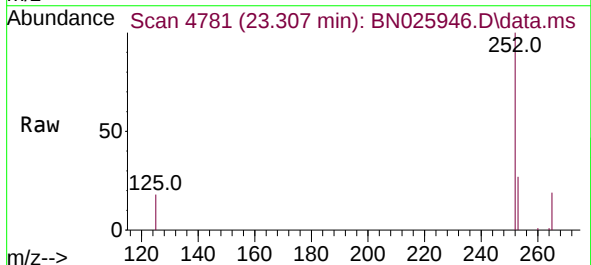
Manual Integrations
APPROVED

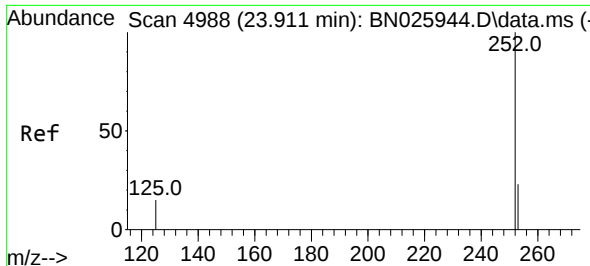
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.533 ng/ul m
RT: 23.307 min Scan# 4781
Delta R.T. -0.002 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:252 Resp: 38389
Ion Ratio Lower Upper
252 100
253 27.5 23.2 34.8
125 17.7 15.0 22.4





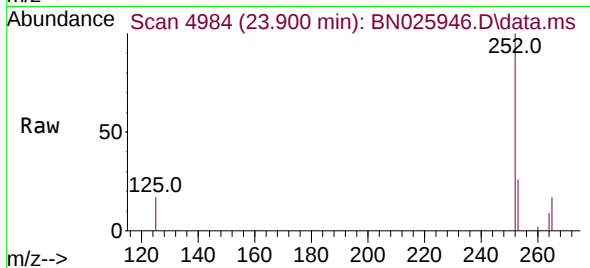
#26
Benzo(a)pyrene
Concen: 1.005 ng/ul
RT: 23.900 min Scan# 4988
Delta R.T. -0.008 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :

BNA_N

ClientSampleId :

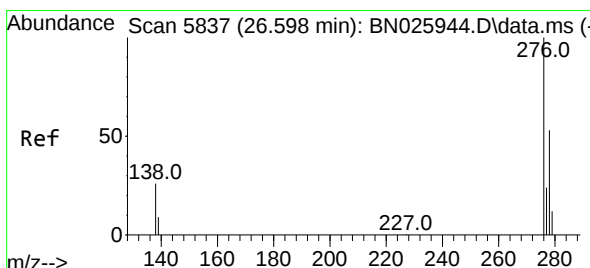
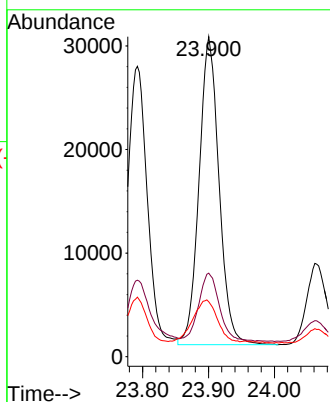
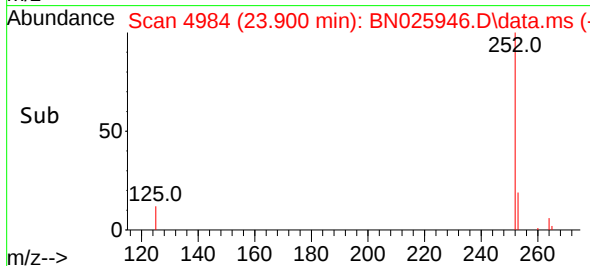
DCFK2DL



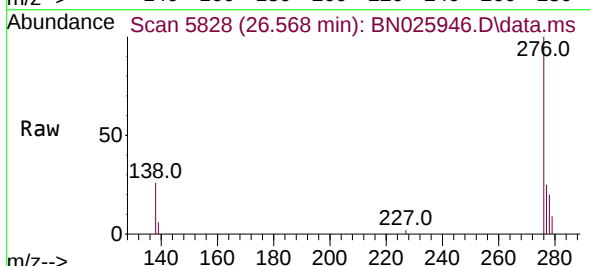
Tgt Ion:252 Resp: 62594
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 17.1 17.3 25.9

Manual Integrations
APPROVED

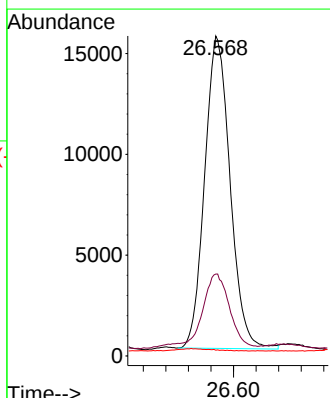
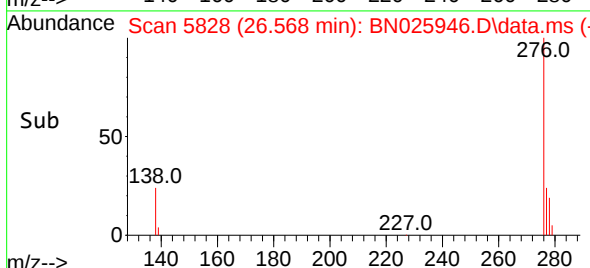
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

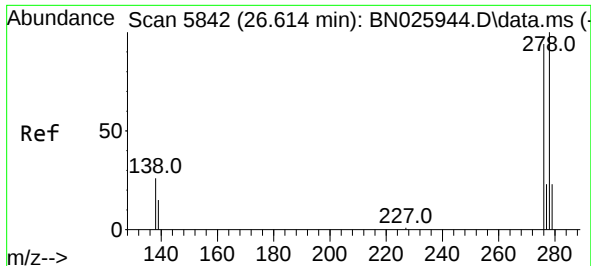


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.711 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.026 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23



Tgt Ion:276 Resp: 48394
Ion Ratio Lower Upper
276 100
138 26.2 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.228 ng/ul

RT: 26.575 min Scan# 5830

Delta R.T. -0.046 min

Lab File: BN025946.D

Acq: 22 Jun 2023 20:23

Instrument :

BNA_N

ClientSampleId :

DCFK2DL

Tgt Ion:278 Resp: 11740

Ion Ratio Lower Upper

278 100

139 27.6 19.0 28.4

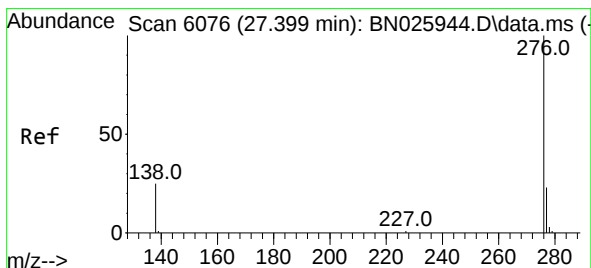
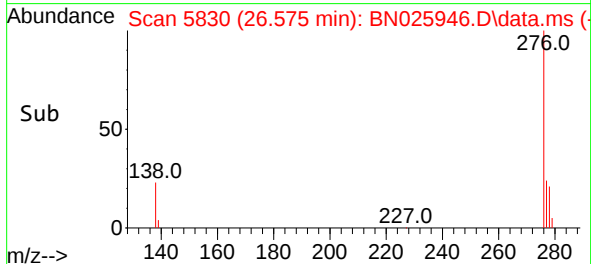
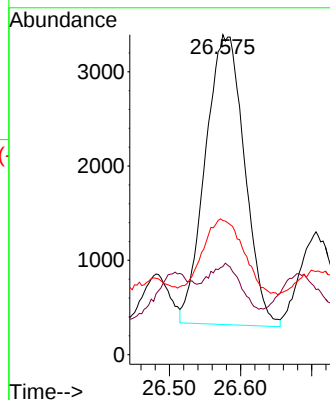
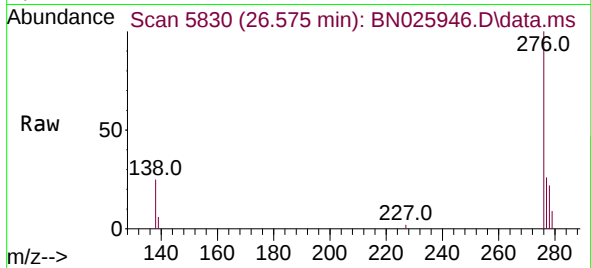
279 41.9 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#29

Benzo(g,h,i)perylene

Concen: 0.779 ng/ul

RT: 27.370 min Scan# 6067

Delta R.T. -0.016 min

Lab File: BN025946.D

Acq: 22 Jun 2023 20:23

Tgt Ion:276 Resp: 47142

Ion Ratio Lower Upper

276 100

138 25.6 23.4 35.0

277 24.7 20.0 30.0

