

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025947.D
 Acq On : 22 Jun 2023 20:59
 Operator : MA/JU
 Sample : 03083-06DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

DCFK4DL

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:04:56 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	8825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27521	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16381	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	35269	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	23680	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	18422	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5202	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1506	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3635	0.040	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.842	128	7523	0.095	ng/ul	96
7) 2-Methylnaphthalene	12.453	142	3567	0.071	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	2603	0.050	ng/ul	99
10) Acenaphthylene	14.339	152	26589	0.347	ng/ul	100
15) Phenanthrene	17.406	178	36028	0.309	ng/ul	100
16) Anthracene	17.495	178	11316	0.109	ng/ul	95
19) Fluoranthene	19.419	202	165041	1.305	ng/ul	97
20) Pyrene	19.777	202	157010	1.194	ng/ul	99
21) Benzo(a)anthracene	21.523	228	85101	0.871	ng/ul	95
22) Chrysene	21.576	228	96118	0.946	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	137267m	1.746	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	44024m	0.558	ng/ul	
26) Benzo(a)pyrene	23.885	252	72993	1.069	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.557	276	55206	0.740	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.561	278	13605	0.241	ng/ul	92
29) Benzo(g,h,i)perylene	27.346	276	52336	0.789	ng/ul	98

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

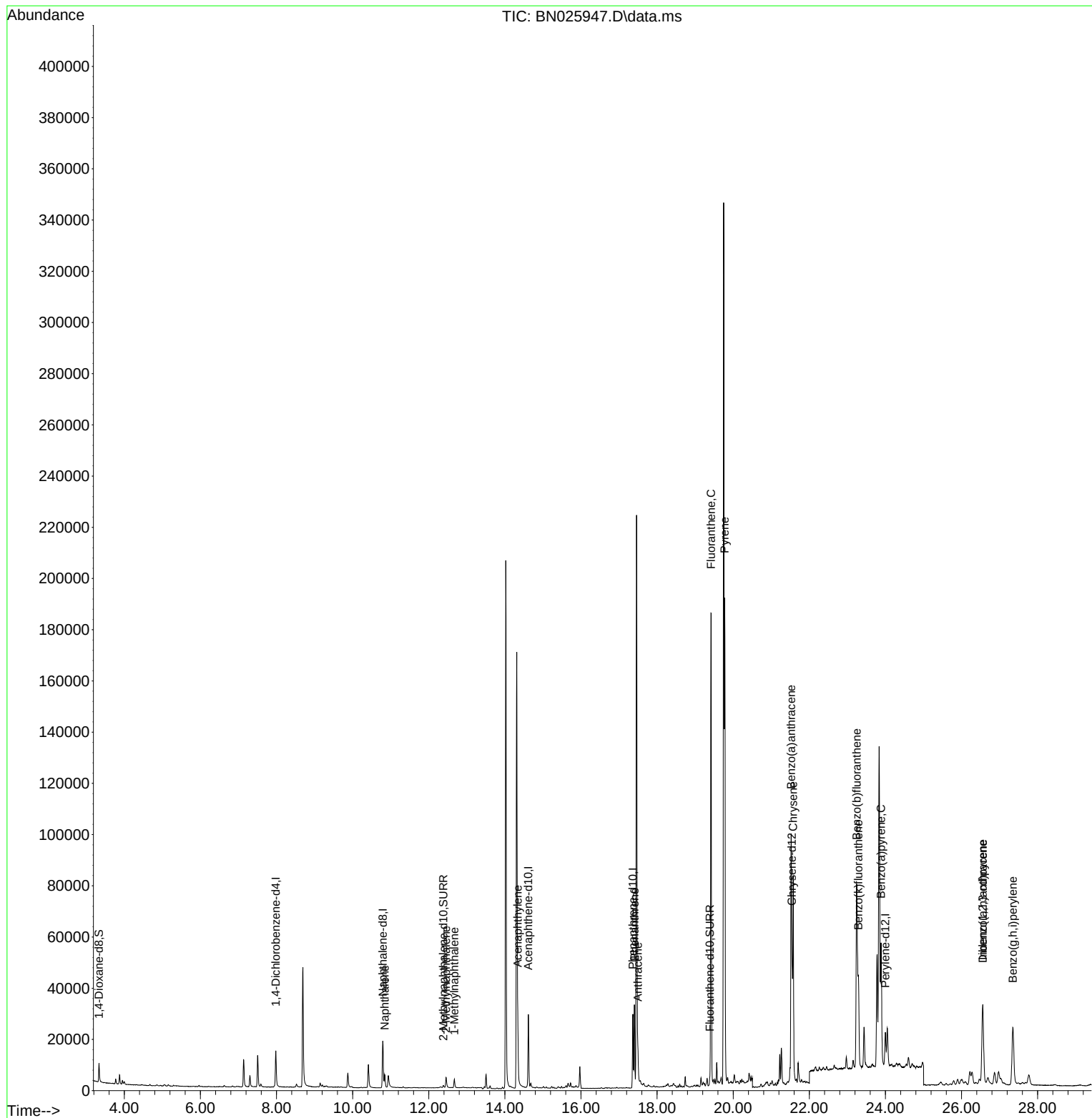
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025947.D
Acq On : 22 Jun 2023 20:59
Operator : MA/JU
Sample : 03083-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

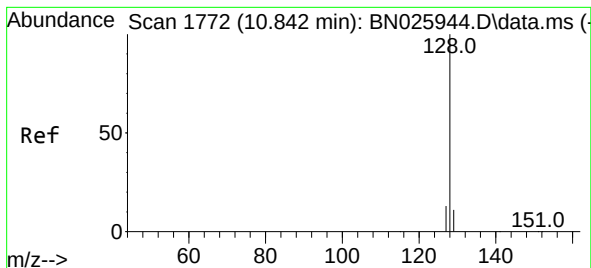
Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Quant Time: Jun 23 01:04:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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APPROVED

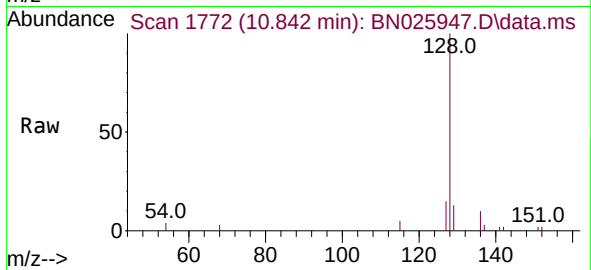
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

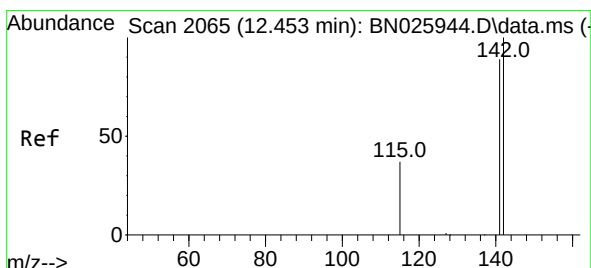
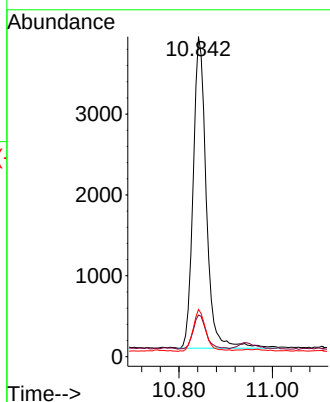
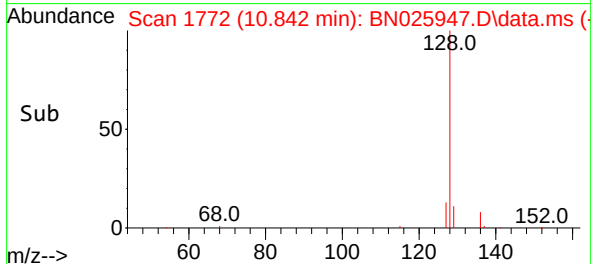
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



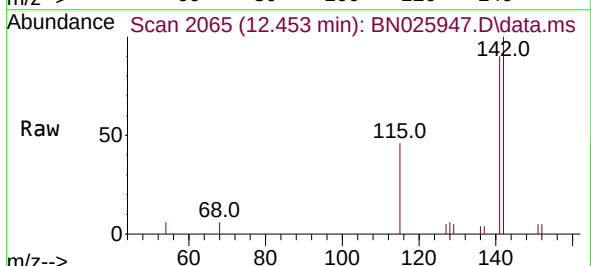
Tgt Ion:128 Resp: 752
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 14.8 10.7 16.1

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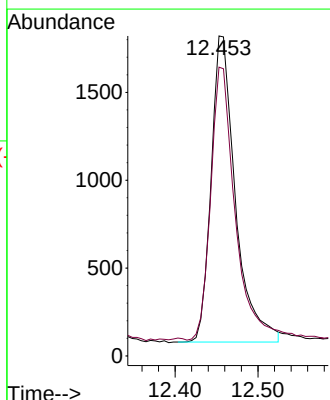
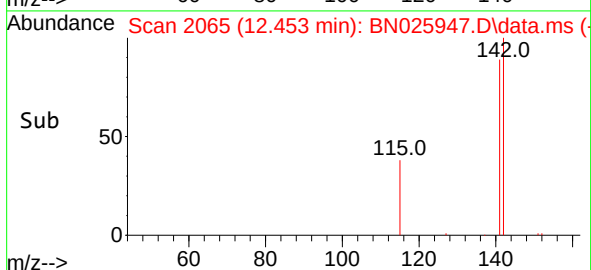
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

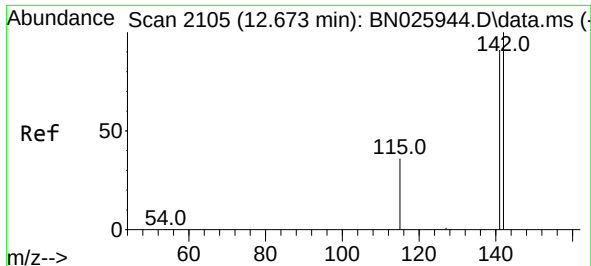


#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59



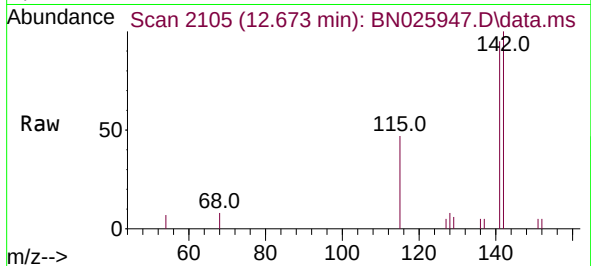
Tgt Ion:142 Resp: 3567
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

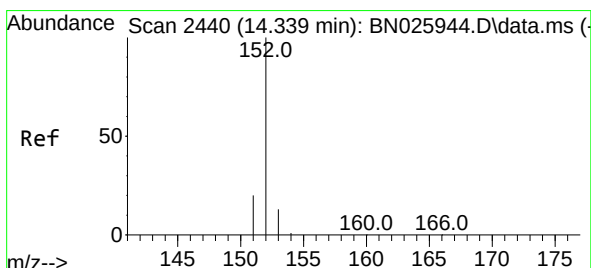
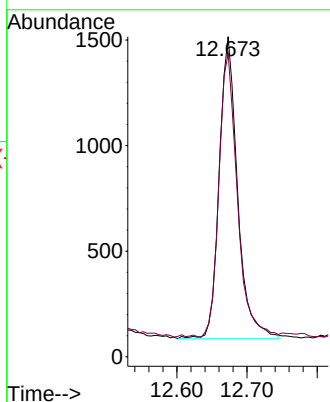
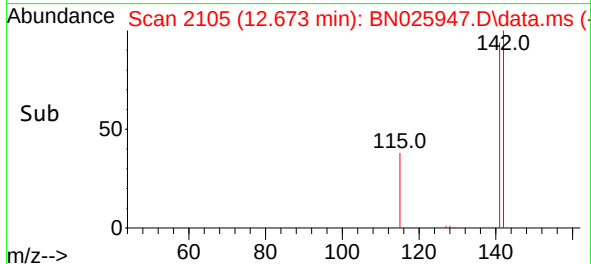
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



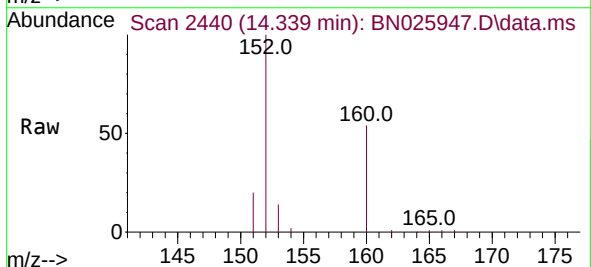
Tgt Ion:142 Resp: 2600
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4

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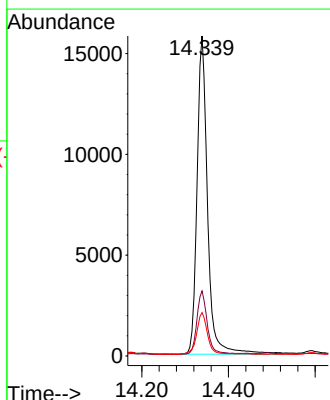
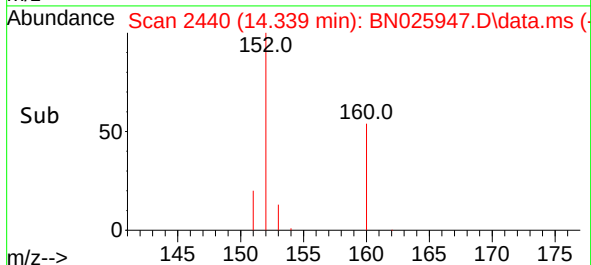
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

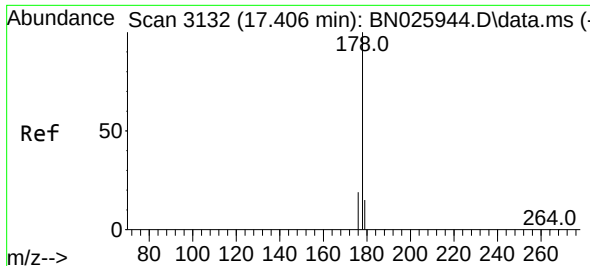


#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59



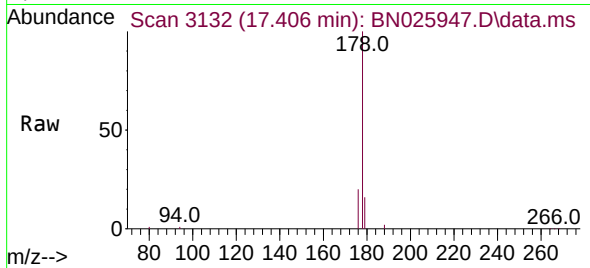
Tgt Ion:152 Resp: 26589
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.6 10.9 16.3





#15
Phenanthrene
Concen: 0.309 ng/u1
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

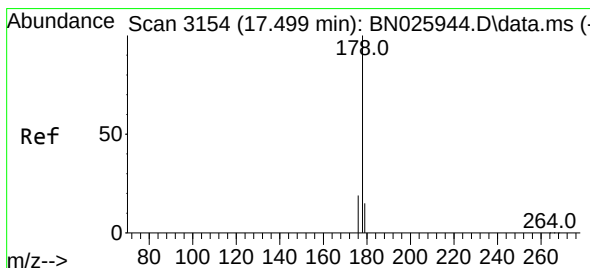
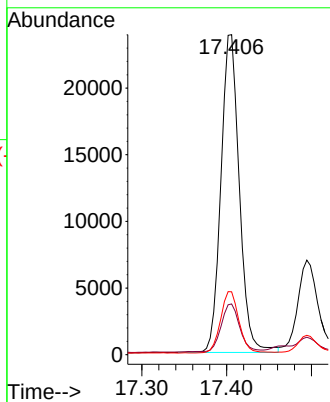
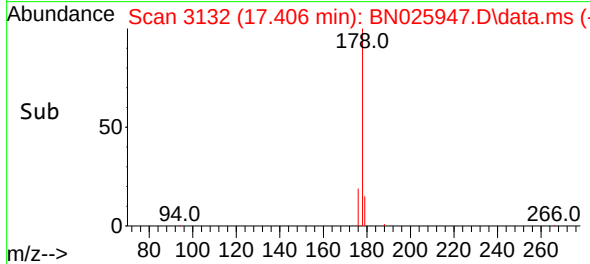
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



Tgt Ion:178 Resp: 36028
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6

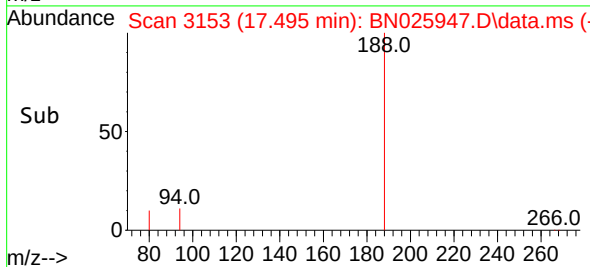
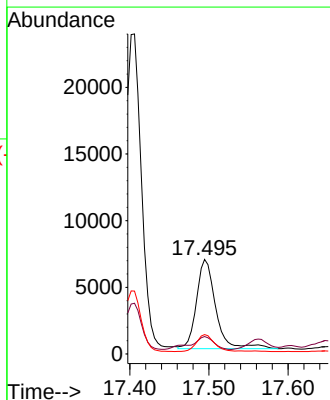
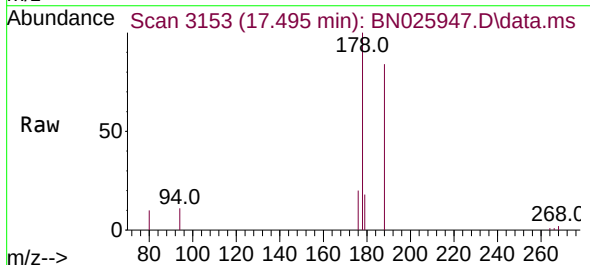
Manual Integrations
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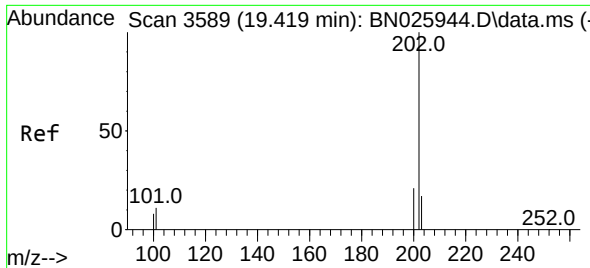
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.109 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

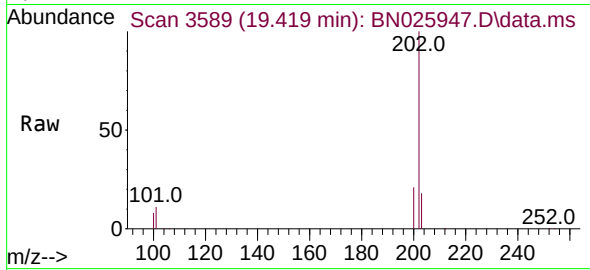
Tgt Ion:178 Resp: 11316
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 20.4 15.1 22.7





#19
Fluoranthene
Concen: 1.305 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

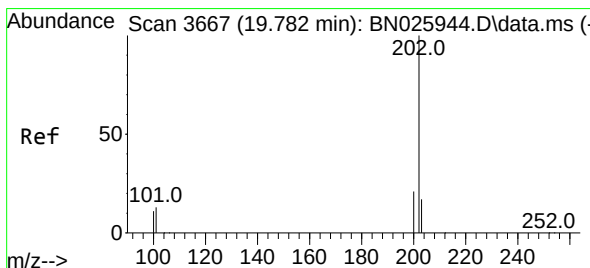
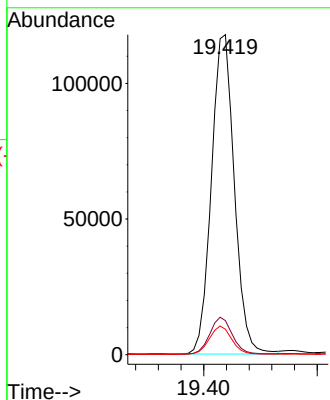
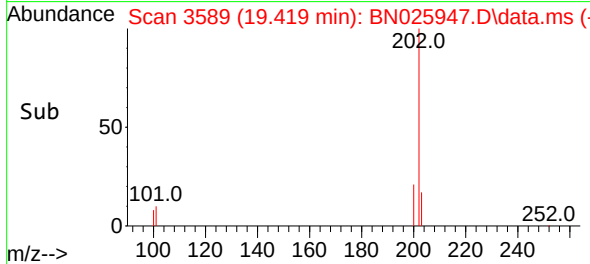
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



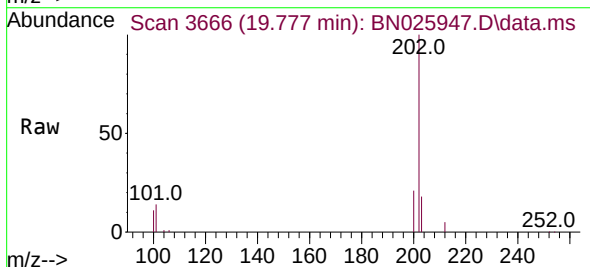
Tgt Ion:202 Resp: 16504
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.0 7.3 10.9

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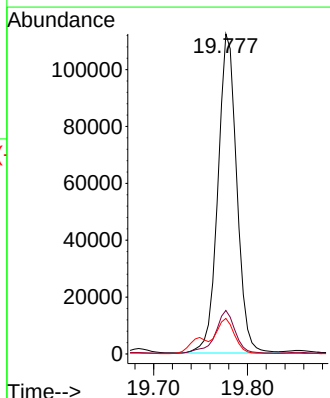
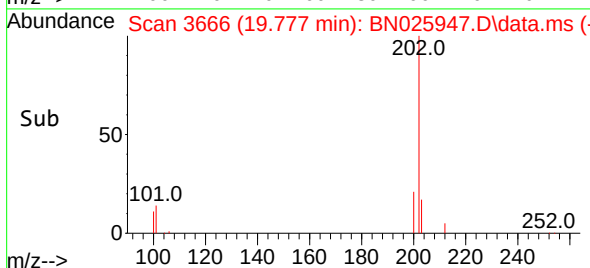
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

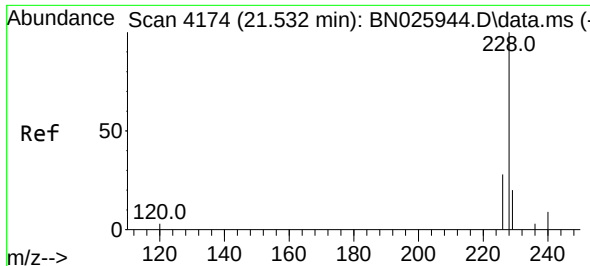


#20
Pyrene
Concen: 1.194 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59



Tgt Ion:202 Resp: 157010
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.1 9.1 13.7





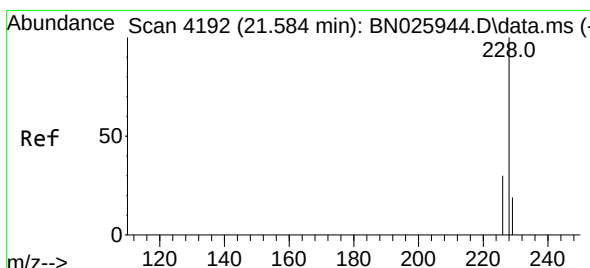
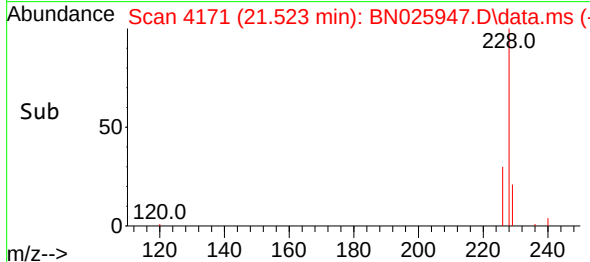
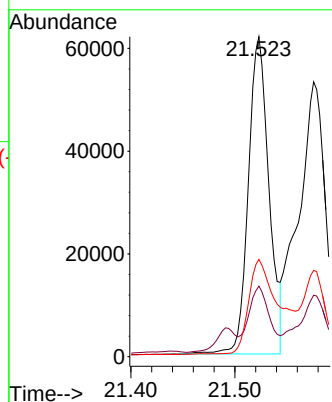
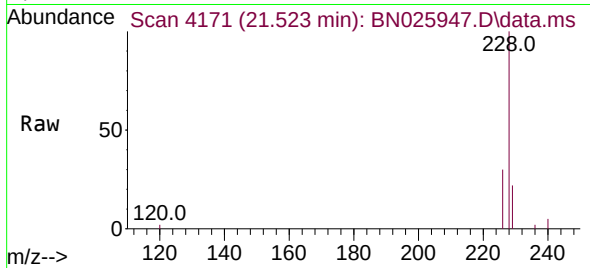
#21
Benzo(a)anthracene
Concen: 0.871 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.009 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:228 Resp: 8510
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 30.4 22.5 33.7

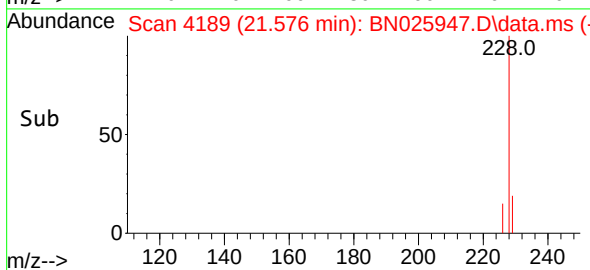
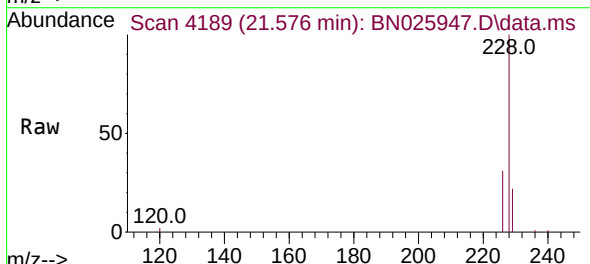
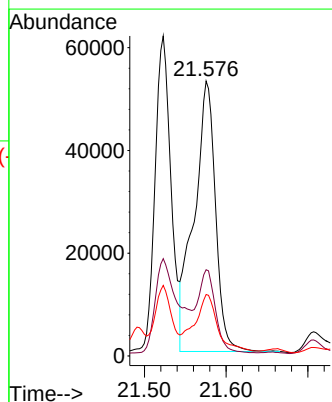
Manual Integrations
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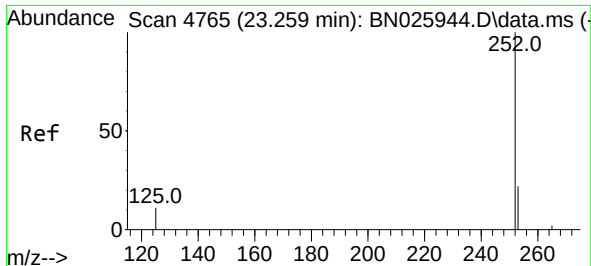
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 0.946 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.009 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

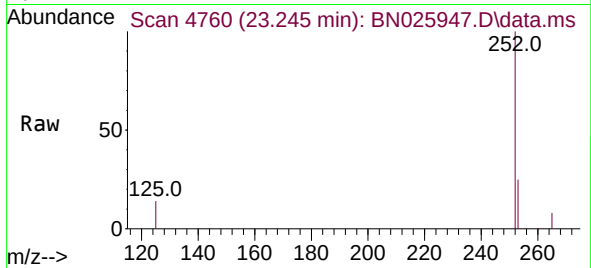
Tgt Ion:228 Resp: 96118
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.746 ng/ul m
RT: 23.245 min Scan# 4765
Delta R.T. -0.012 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

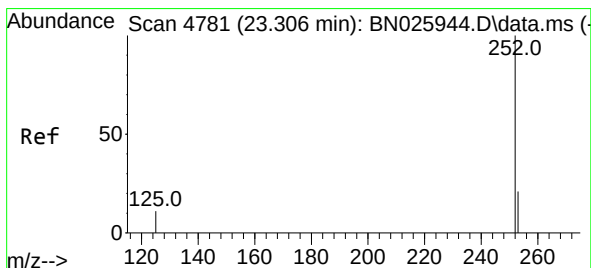
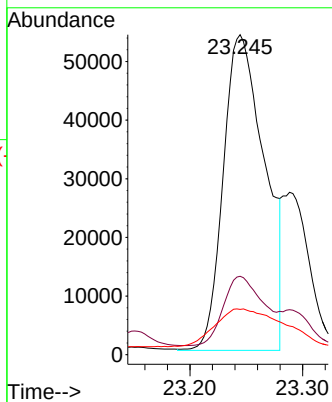
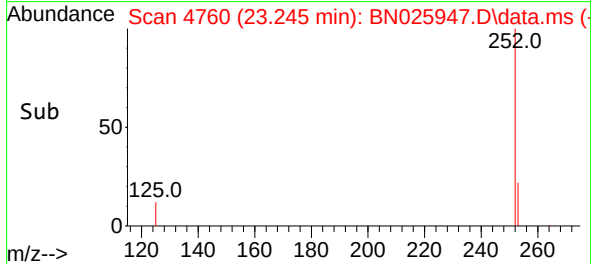
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



Tgt Ion:252 Resp: 13726
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.1 0.0 35.8

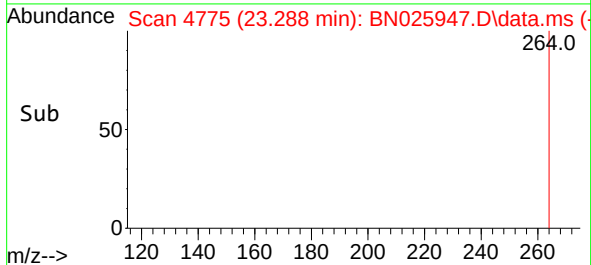
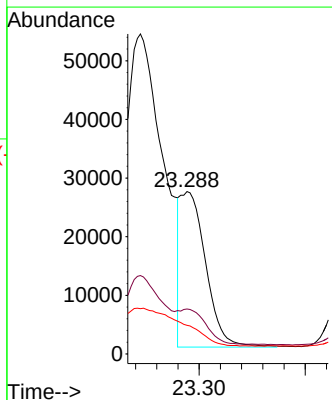
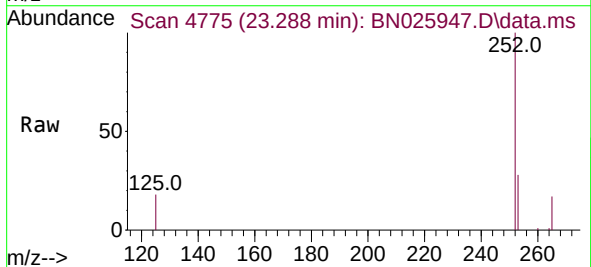
Manual Integrations
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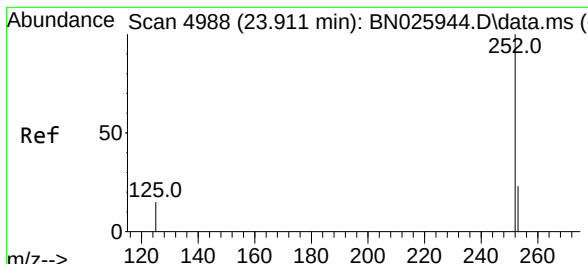
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.558 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.021 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

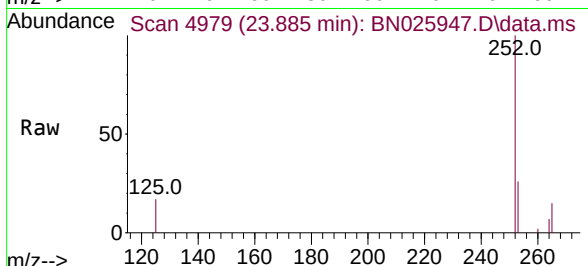
Tgt Ion:252 Resp: 44024
Ion Ratio Lower Upper
252 100
253 27.7 23.2 34.8
125 17.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.069 ng/ul
RT: 23.885 min Scan# 4988
Delta R.T. -0.024 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

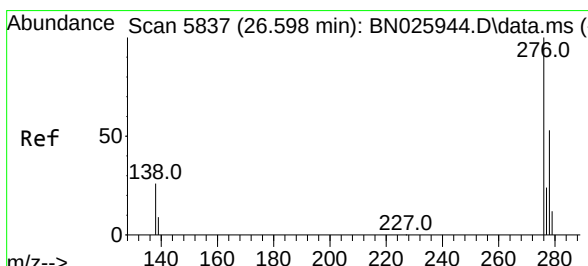
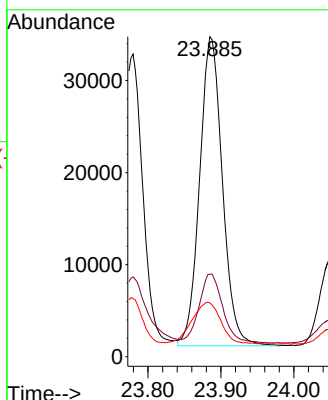
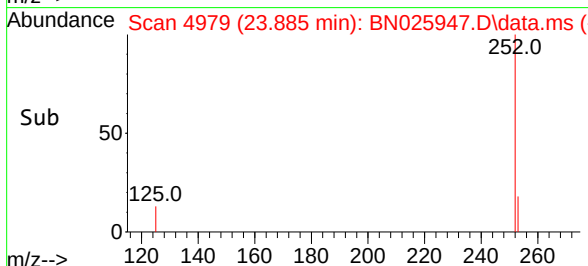
Instrument :
BNA_N
ClientSampleId :
DCFK4DL



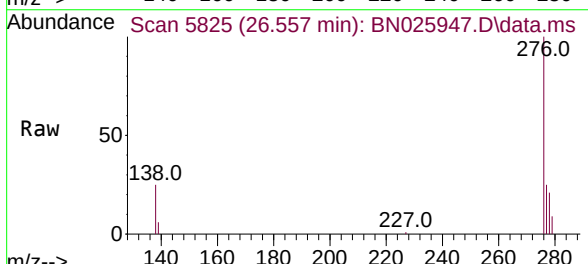
Tgt Ion:252 Resp: 7299
Ion Ratio Lower Upper
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253 25.8 26.0 39.0
125 16.8 17.3 25.9

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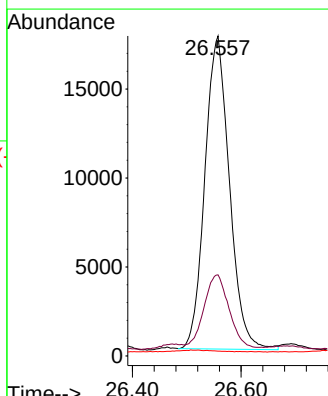
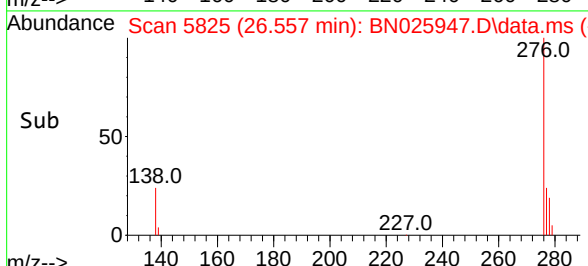
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

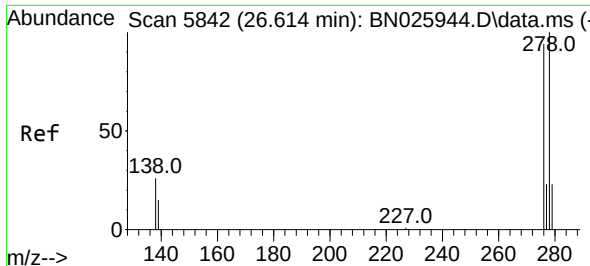


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.740 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.037 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59



Tgt Ion:276 Resp: 55206
Ion Ratio Lower Upper
276 100
138 25.0 24.5 36.7
227 0.0 0.0 0.0





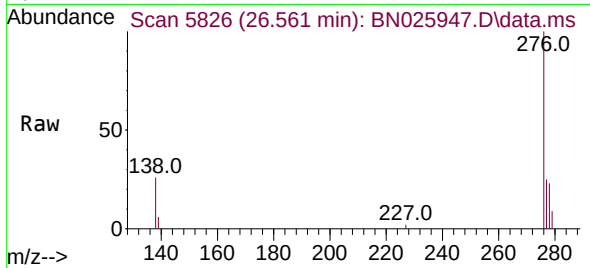
#28
Dibenzo(a,h)anthracene
Concen: 0.241 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.061 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :

DCF4DL

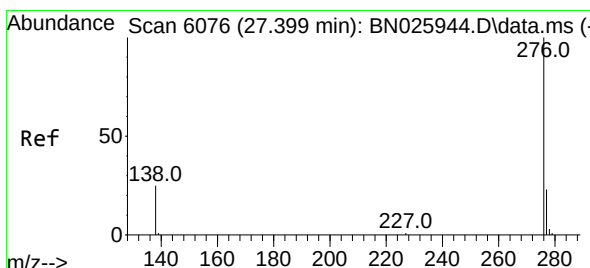
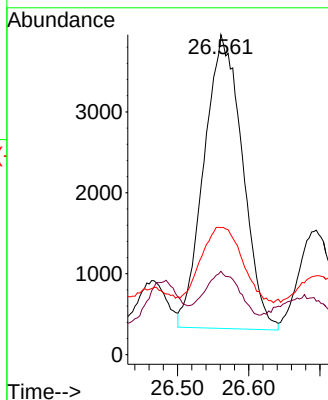
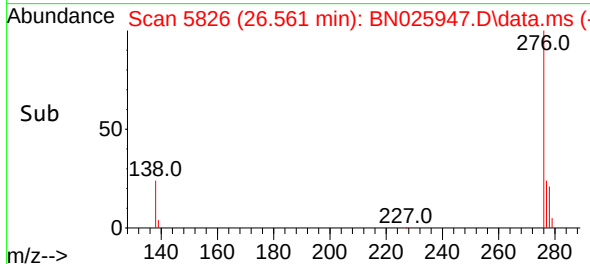


Tgt Ion:278 Resp: 1360
Ion Ratio Lower Upper
278 100
139 26.0 19.0 28.4
279 39.7 26.7 40.1

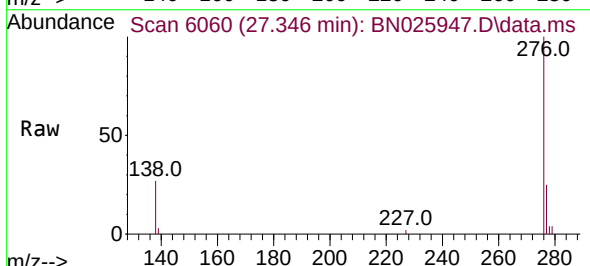
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.789 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.040 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59



Tgt Ion:276 Resp: 52336
Ion Ratio Lower Upper
276 100
138 26.9 23.4 35.0
277 24.8 20.0 30.0

