

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025954.D
 Acq On : 23 Jun 2023 01:12
 Operator : MA/JU
 Sample : 03083-16DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:07:14 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	9019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	28369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16748	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	32908	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	16846	0.400	ng/ul	0.00
23) Perylene-d12	23.998	264	16692	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6683	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	2016	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	3592	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.841	128	12193	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.452	142	6595	0.127	ng/ul	99
8) 1-Methylnaphthalene	12.672	142	4184	0.078	ng/ul	100
10) Acenaphthylene	14.339	152	11639	0.148	ng/ul	97
11) Acenaphthene	14.681	153	1948	0.030	ng/ul	96
12) Fluorene	15.666	166	1816	0.025	ng/ul#	91
15) Phenanthrene	17.401	178	55129	0.507	ng/ul	100
16) Anthracene	17.494	178	9853	0.102	ng/ul	95
19) Fluoranthene	19.418	202	136626	1.518	ng/ul	97
20) Pyrene	19.776	202	113248	1.210	ng/ul	98
21) Benzo(a)anthracene	21.525	228	49452	0.712	ng/ul	97
22) Chrysene	21.584	228	60058	0.831	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	91026m	1.278	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	25748m	0.360	ng/ul	
26) Benzo(a)pyrene	23.893	252	52050	0.841	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.560	276	45815	0.678	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.567	278	10482	0.205	ng/ul#	90
29) Benzo(g,h,i)perylene	27.352	276	43015	0.715	ng/ul	97

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

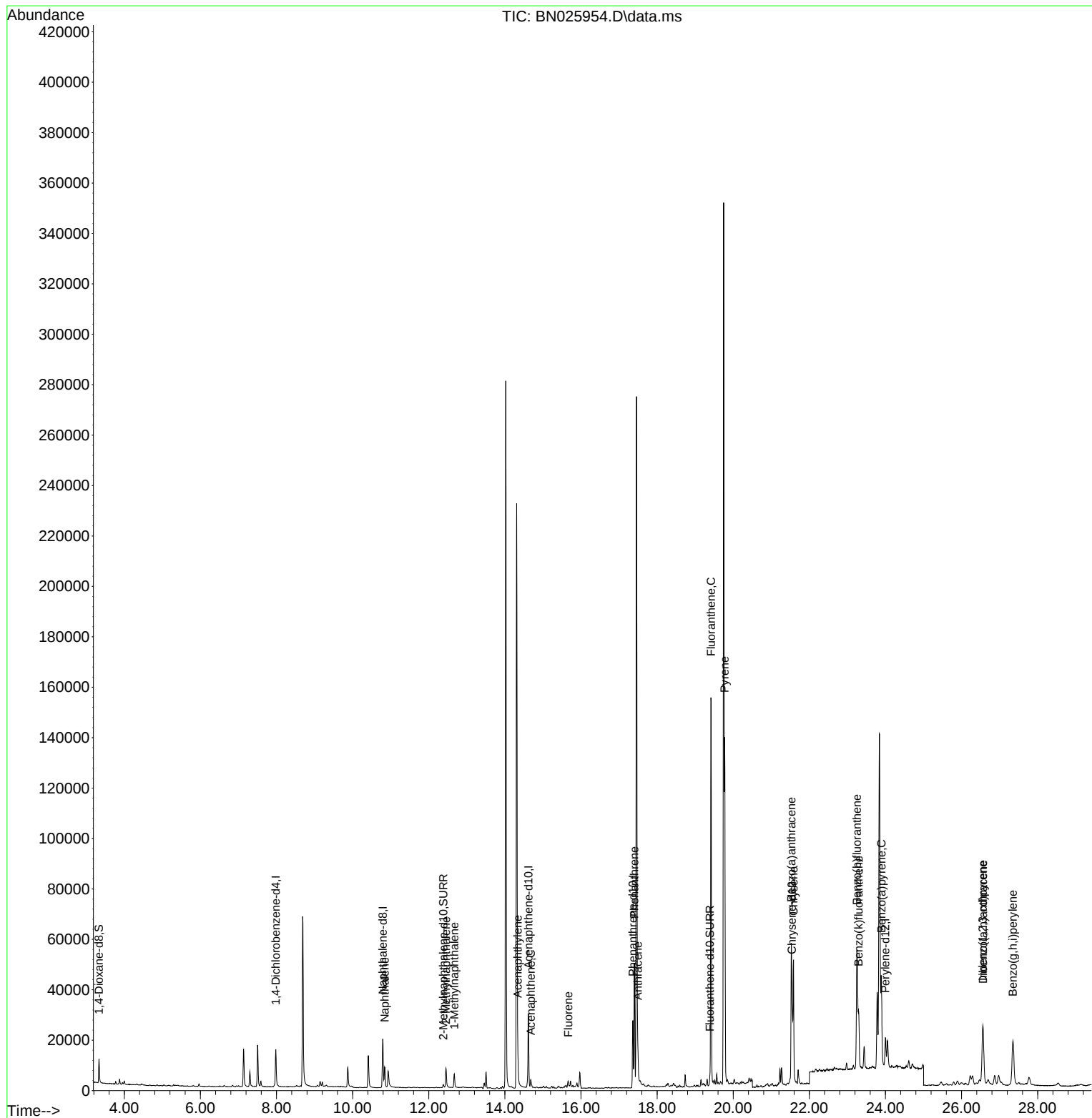
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025954.D
Acq On : 23 Jun 2023 01:12
Operator : MA/JU
Sample : 03083-16DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

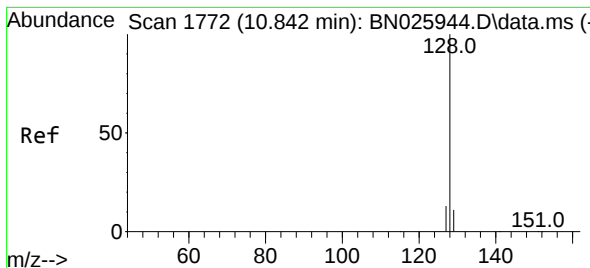
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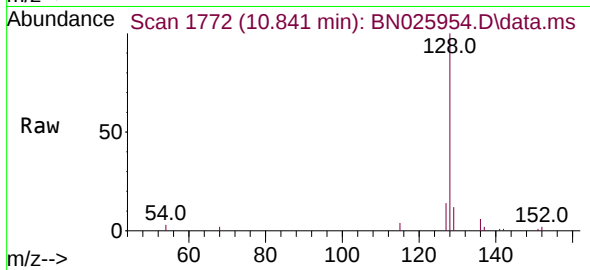
Quant Time: Jun 23 02:07:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.841 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

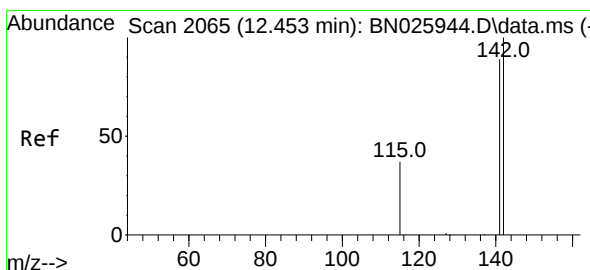
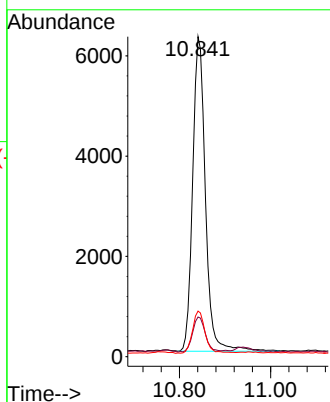
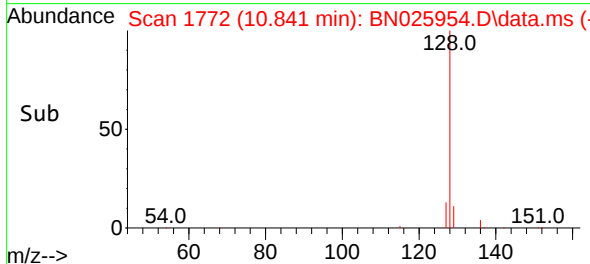
Instrument :
BNA_N
ClientSampleId :
DCFL4DL



Tgt Ion:128 Resp: 1219
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.3 10.7 16.1

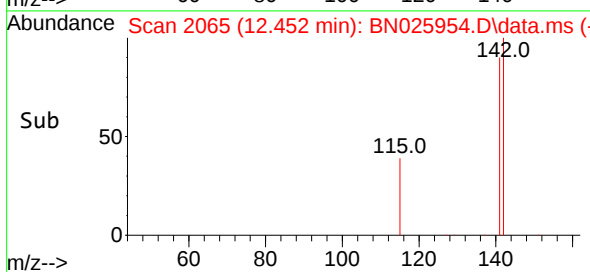
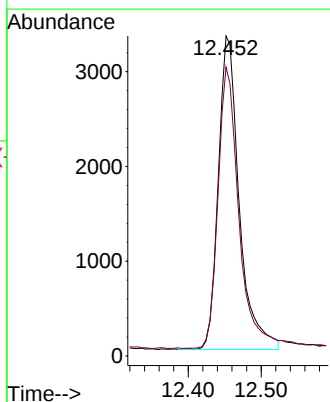
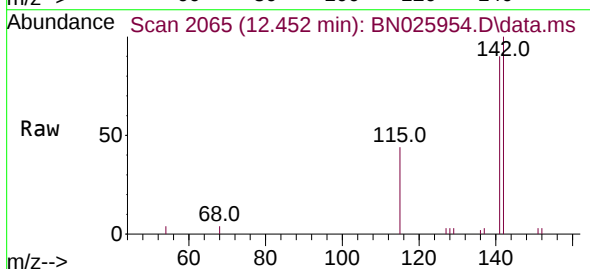
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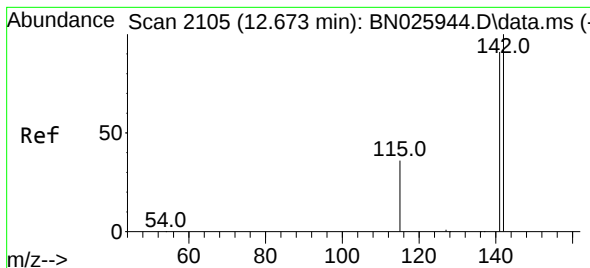
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.452 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

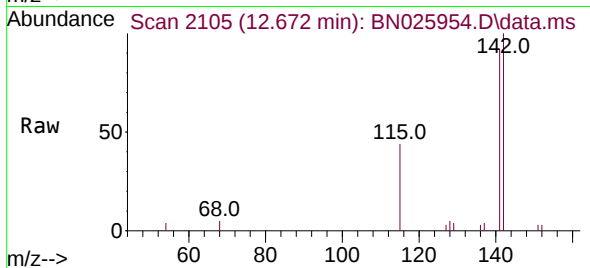
Tgt Ion:142 Resp: 6595
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.672 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

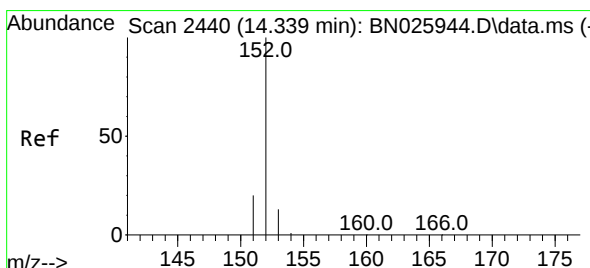
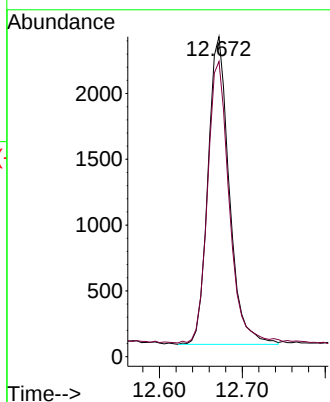
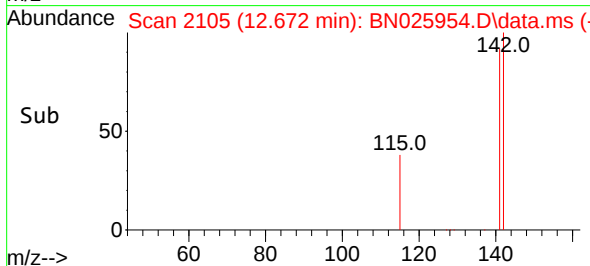
Instrument :
BNA_N
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DCFL4DL



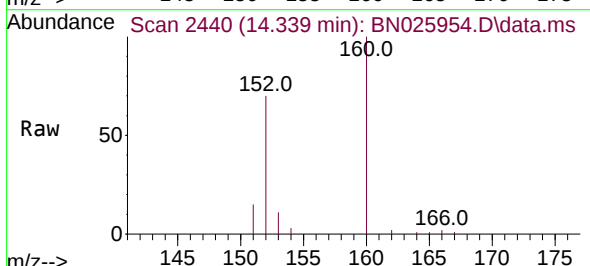
Tgt Ion:142 Resp: 4184
Ion Ratio Lower Upper
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141 92.6 74.2 111.4

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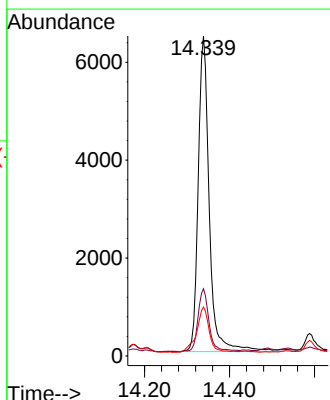
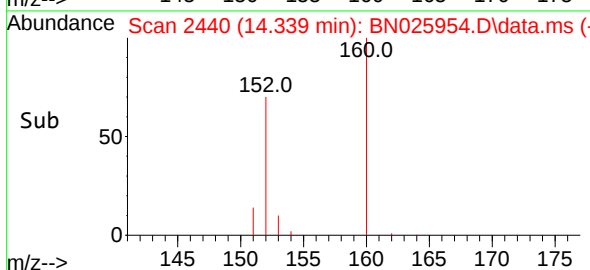
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

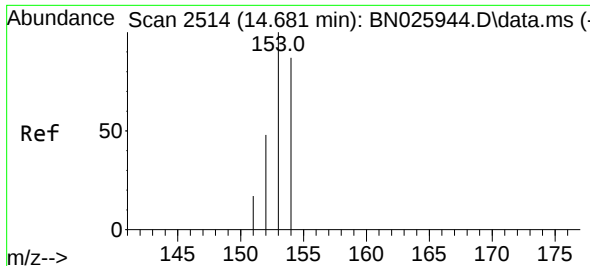


#10
Acenaphthylene
Concen: 0.148 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



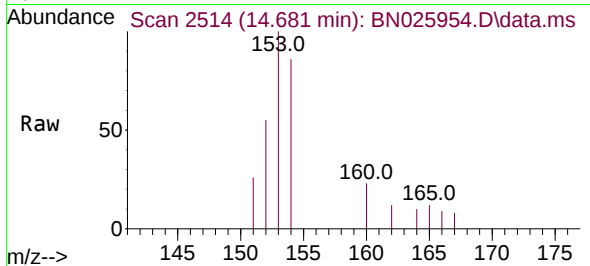
Tgt Ion:152 Resp: 11639
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

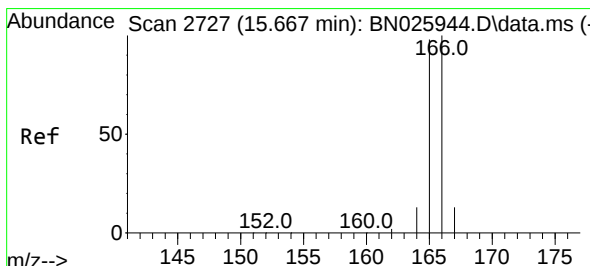
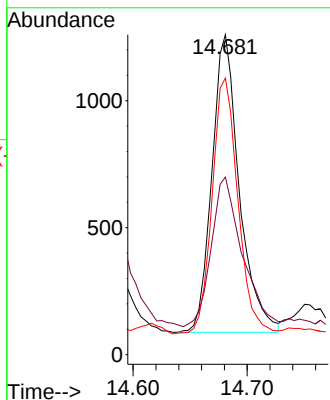
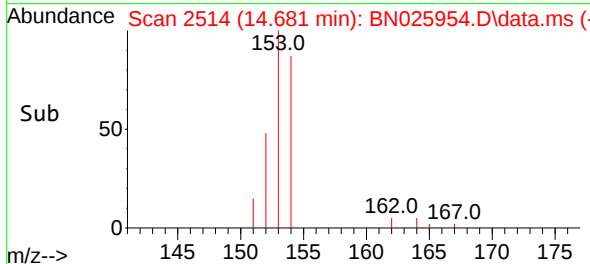
Instrument :
BNA_N
ClientSampleId :
DCFL4DL



Tgt Ion:153 Resp: 1948
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 86.4 68.9 103.3

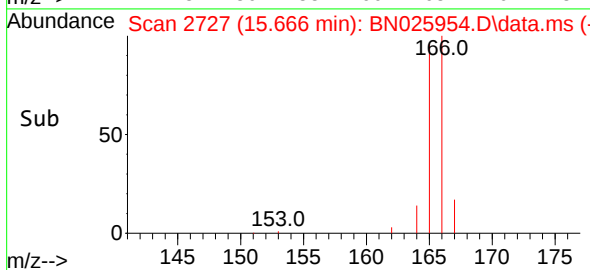
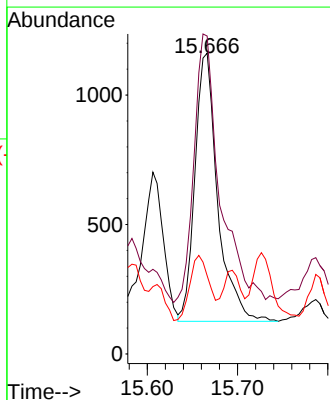
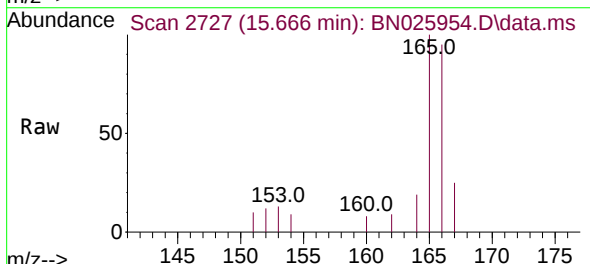
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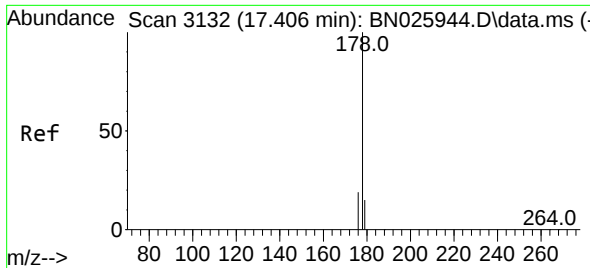
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.666 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

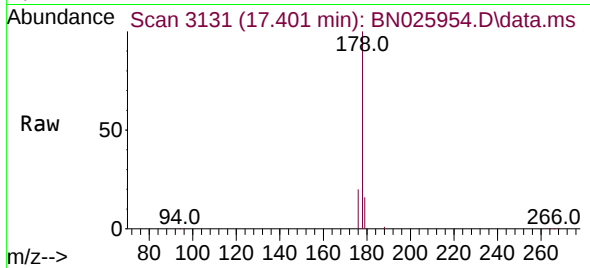
Tgt Ion:166 Resp: 1816
Ion Ratio Lower Upper
166 100
165 105.7 79.9 119.9
167 26.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.507 ng/u1
RT: 17.401 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

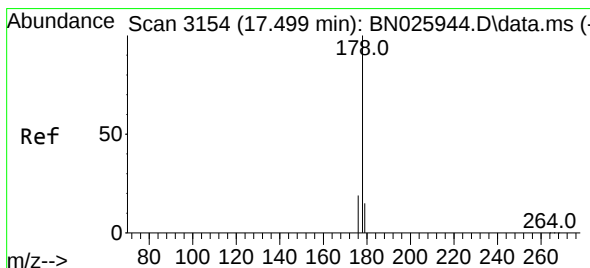
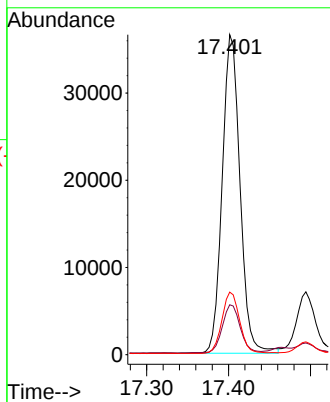
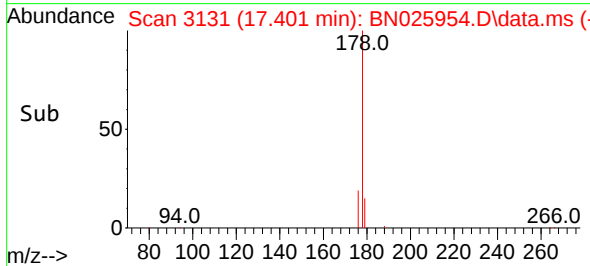
Instrument :
BNA_N
ClientSampleId :
DCFL4DL



Tgt Ion:178 Resp: 55129
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.6

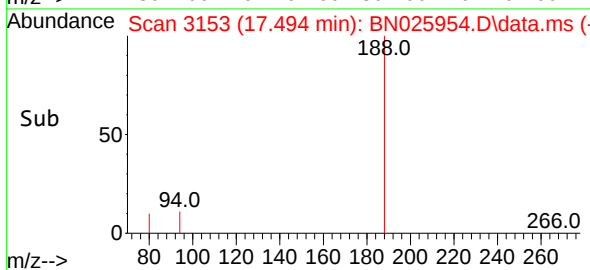
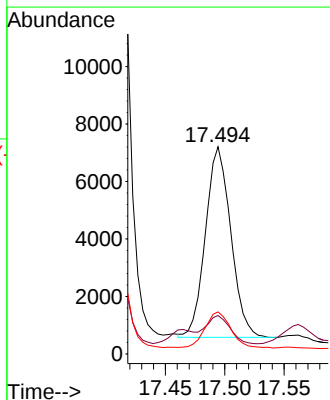
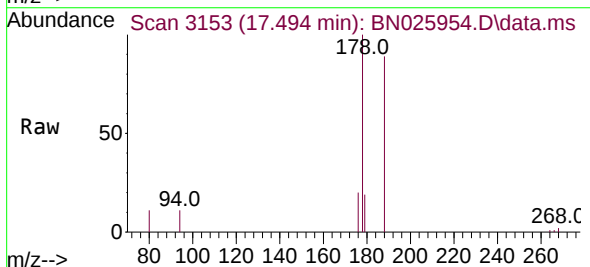
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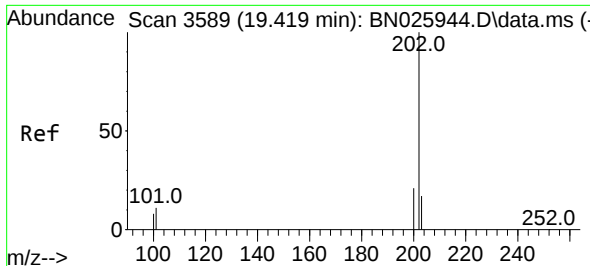
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.102 ng/u1
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

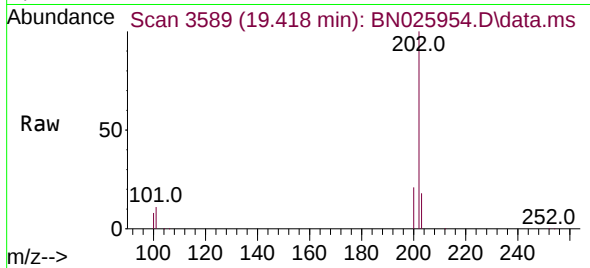
Tgt Ion:178 Resp: 9853
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 20.3 15.1 22.7





#19
Fluoranthene
Concen: 1.518 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

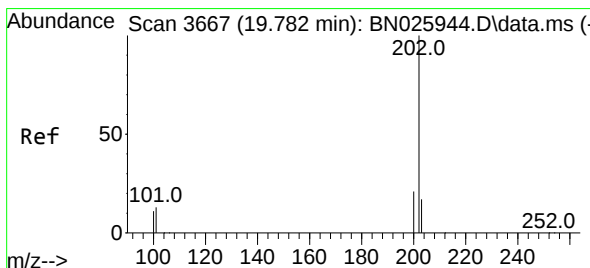
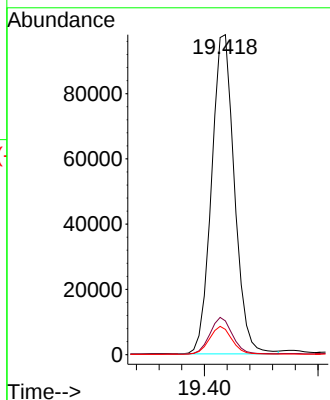
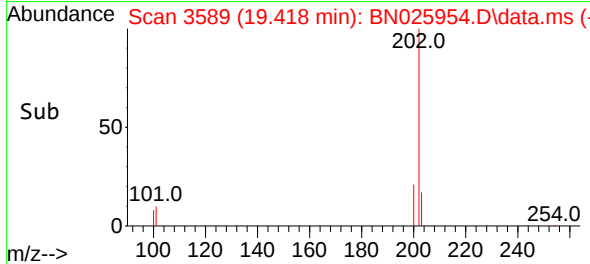
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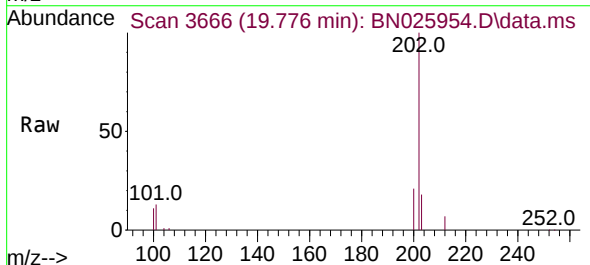
Tgt Ion:202 Resp: 136620
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 7.9 7.3 10.9

Manual Integrations
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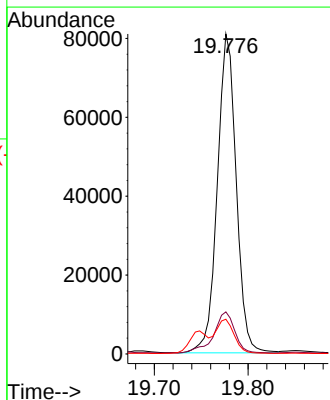
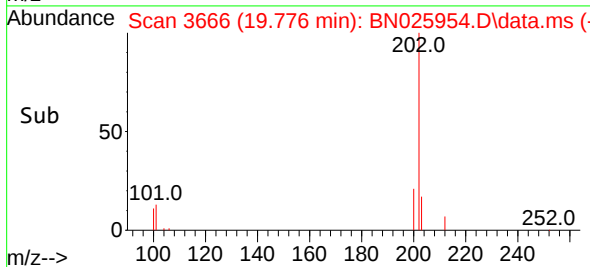
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Supervised By :mohammad ahmed 06/23/2023

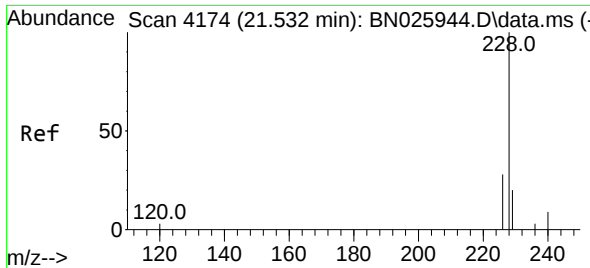


#20
Pyrene
Concen: 1.210 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



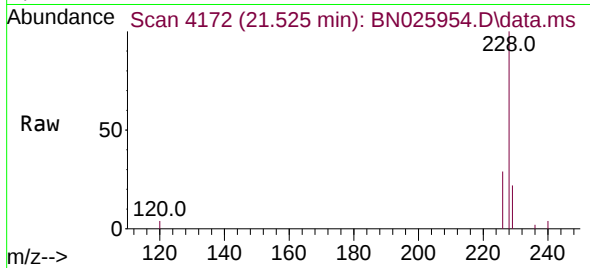
Tgt Ion:202 Resp: 113248
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.712 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

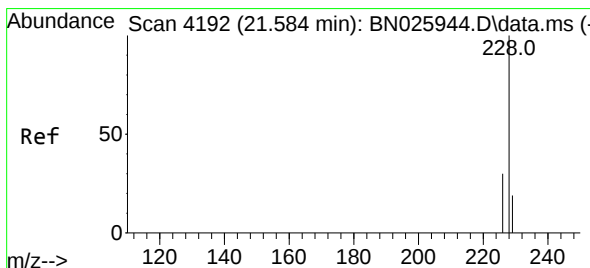
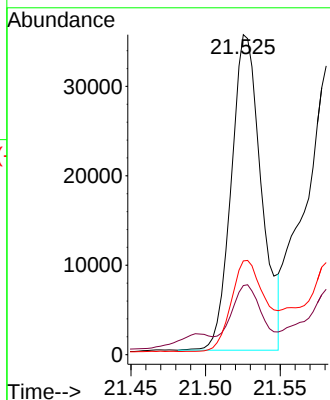
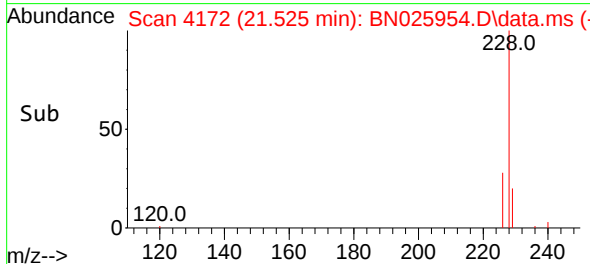
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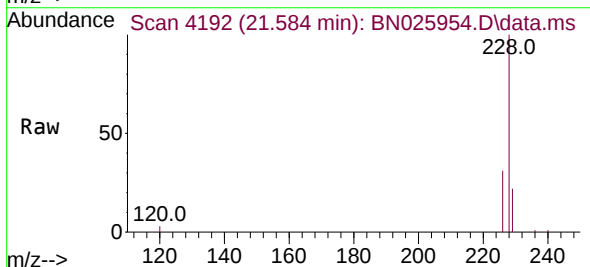
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Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.3 22.5 33.7

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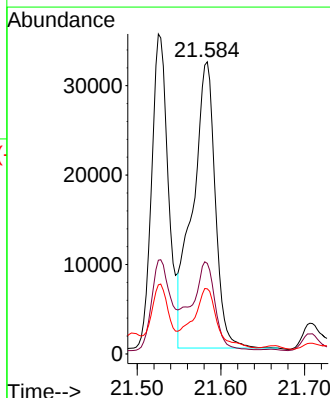
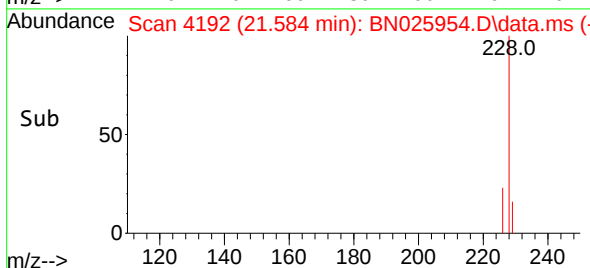
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

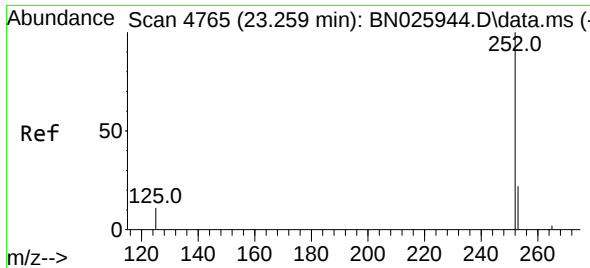


#22
Chrysene
Concen: 0.831 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.001 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



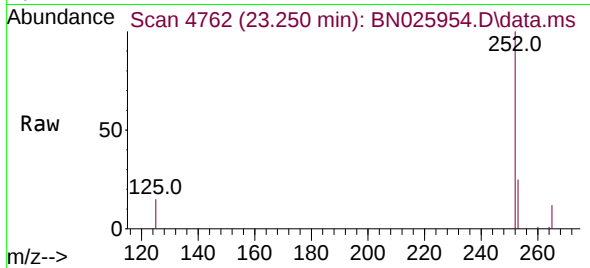
Tgt Ion:228 Resp: 60058
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.278 ng/ul m
RT: 23.250 min Scan# 4765
Delta R.T. -0.007 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

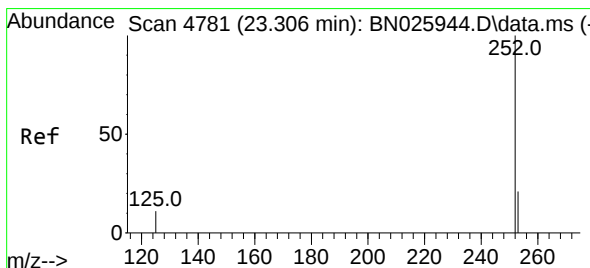
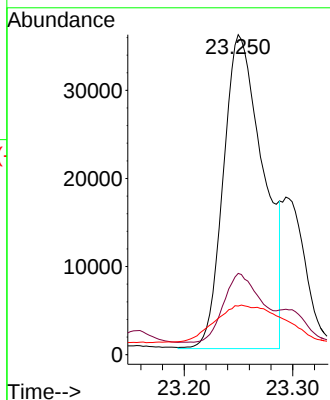
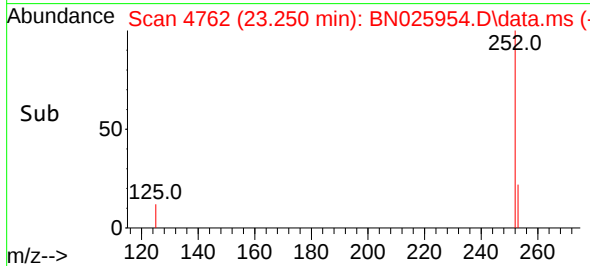
Instrument :
BNA_N
ClientSampleId :
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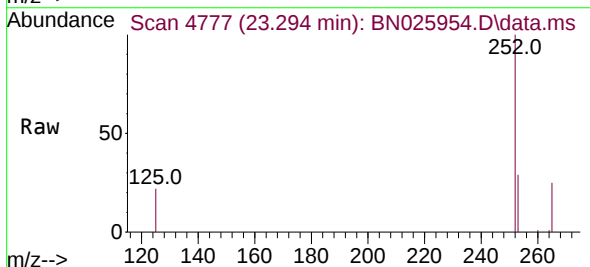
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125 15.2 0.0 35.8

Manual Integrations
APPROVED

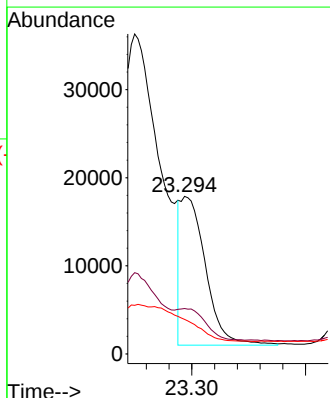
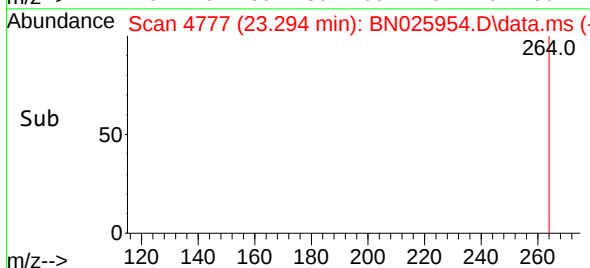
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

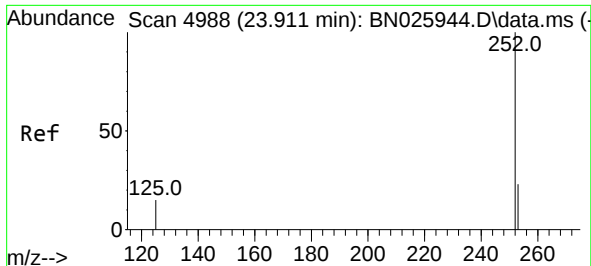


#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.015 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



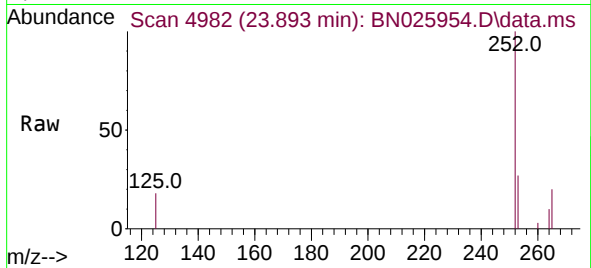
Tgt Ion:252 Resp: 25748
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 22.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.841 ng/ul
RT: 23.893 min Scan# 4988
Delta R.T. -0.015 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

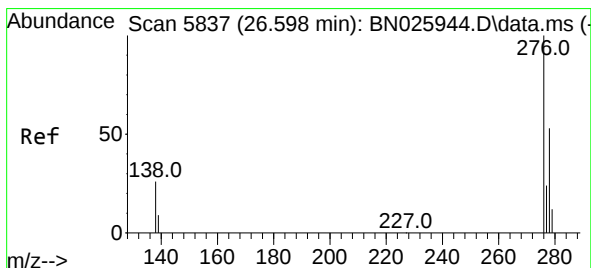
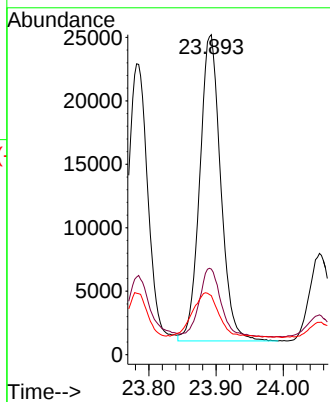
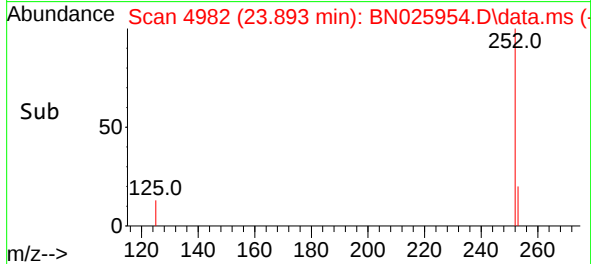
Instrument :
BNA_N
ClientSampleId :
DCFL4DL



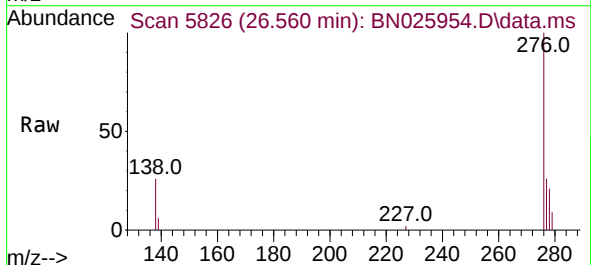
Tgt Ion:252 Resp: 52050
Ion Ratio Lower Upper
252 100
253 26.8 26.0 39.0
125 18.5 17.3 25.9

Manual Integrations
APPROVED

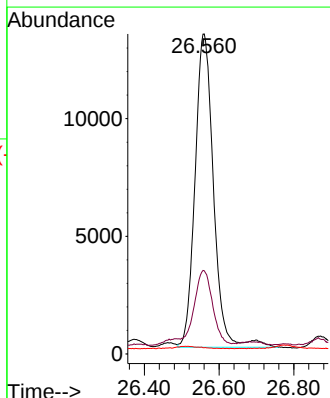
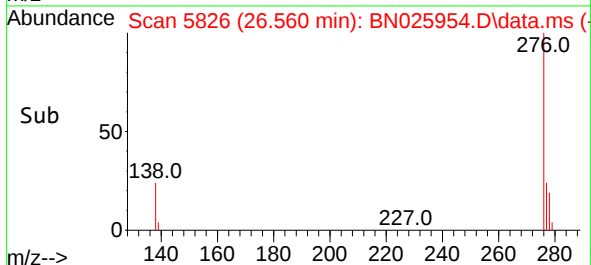
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

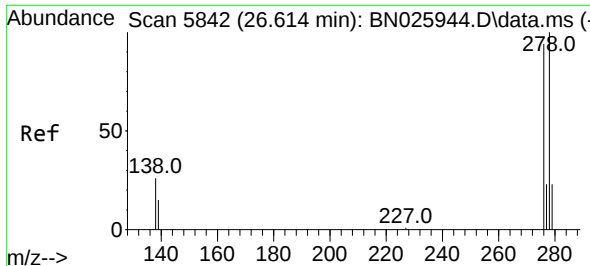


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.678 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.034 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



Tgt Ion:276 Resp: 45815
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7#
227 0.0 0.0 0.0





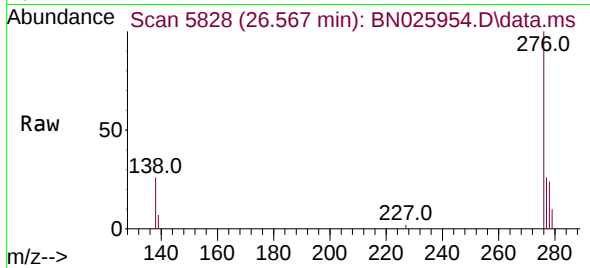
#28
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.054 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12

Instrument :

BNA_N

ClientSampleId :

DCFL4DL

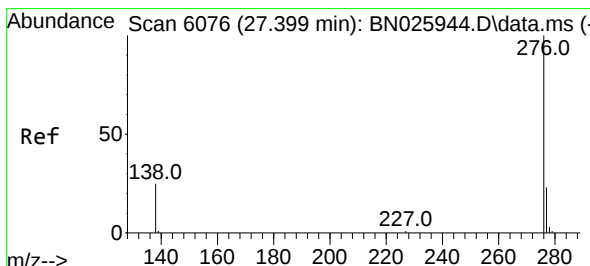
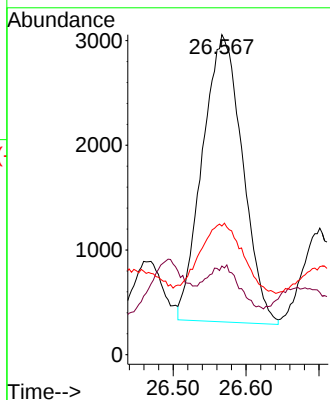
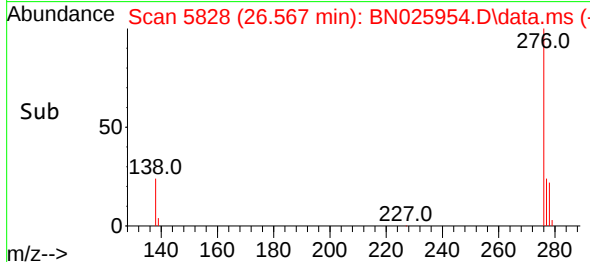


Tgt Ion:278 Resp: 1048
Ion Ratio Lower Upper
278 100
139 27.7 19.0 28.4
279 40.2 26.7 40.1

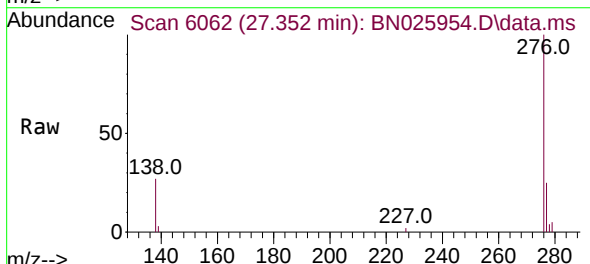
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.715 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. -0.034 min
Lab File: BN025954.D
Acq: 23 Jun 2023 01:12



Tgt Ion:276 Resp: 43015
Ion Ratio Lower Upper
276 100
138 26.6 23.4 35.0
277 24.8 20.0 30.0

