

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028092.D
 Acq On : 06 Oct 2023 19:43
 Operator : MA/JU
 Sample : 04527-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15434	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8022	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	15802	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	14584	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	16379	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3544	0.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	688	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1435	0.031	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	3048	0.070	ng/ul#	92
7) 2-Methylnaphthalene	12.412	142	1674	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	698	0.024	ng/ul	97
10) Acenaphthylene	14.310	152	975	0.027	ng/ul#	72
11) Acenaphthene	14.648	153	956	0.033	ng/ul	96
15) Phenanthrene	17.379	178	11557	0.245	ng/ul	98
16) Anthracene	17.472	178	1568	0.037	ng/ul#	80
19) Fluoranthene	19.394	202	18892	0.339	ng/ul	99
20) Pyrene	19.761	202	20677m	0.358	ng/ul	
21) Benzo(a)anthracene	21.510	228	16506	0.310	ng/ul#	88
22) Chrysene	21.562	228	27446	0.510	ng/ul#	91
24) Benzo(b)fluoranthene	23.231	252	38084m	0.627	ng/ul	
25) Benzo(k)fluoranthene	23.278	252	13474m	0.223	ng/ul	
26) Benzo(a)pyrene	23.880	252	27579	0.533	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.586	276	23067	0.368	ng/ul	93
28) Dibenzo(a,h)anthracene	26.592	278	6484	0.127	ng/ul#	22
29) Benzo(g,h,i)perylene	27.397	276	28804	0.562	ng/ul	93

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

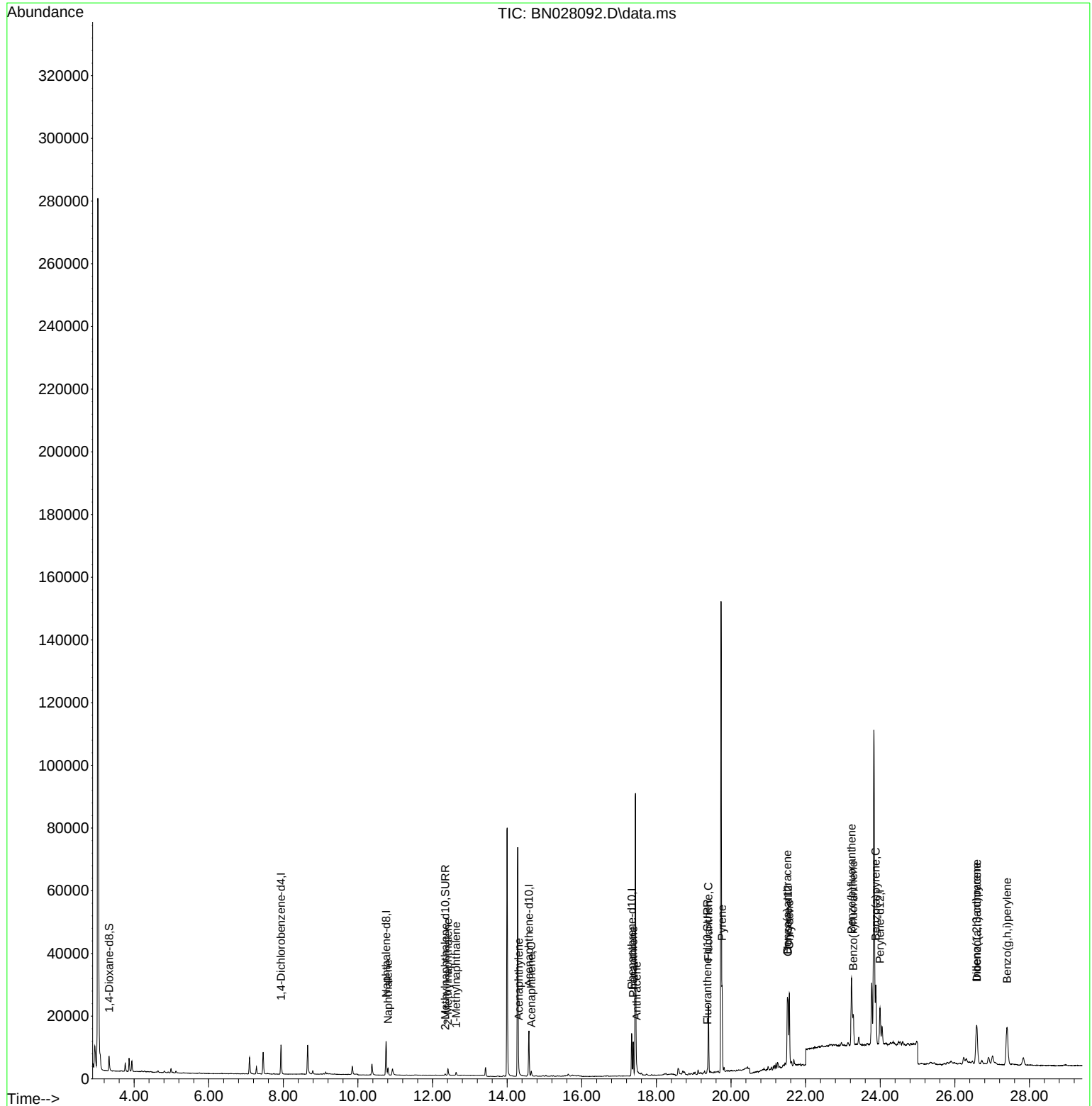
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028092.D
Acq On : 06 Oct 2023 19:43
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Sample : 04527-12DL 5X
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ALS Vial : 17 Sample Multiplier: 1

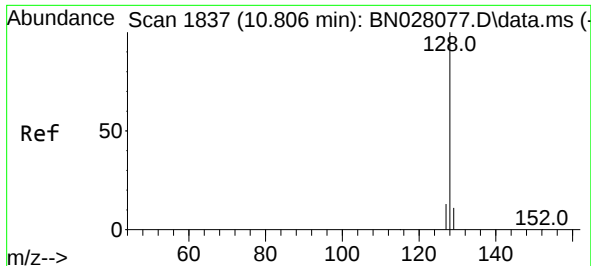
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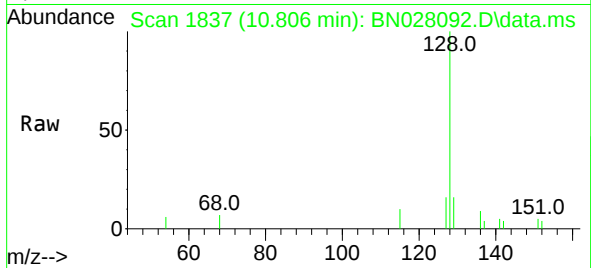
Quant Time: Oct 07 00:32:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

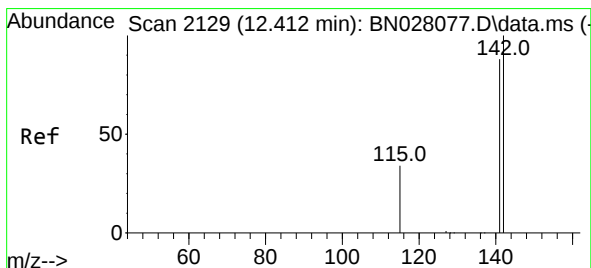
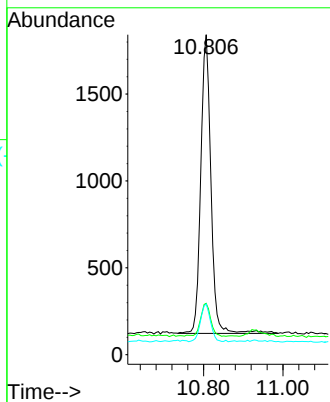
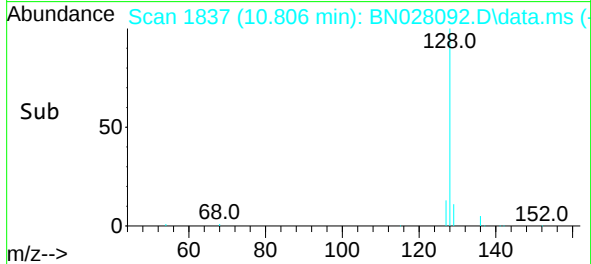
Instrument :
BNA_N
ClientSampleId :
EZY5DL



Tgt Ion:128 Resp: 3048
Ion Ratio Lower Upper
128 100
129 16.1 9.4 14.0
127 15.9 11.0 16.4

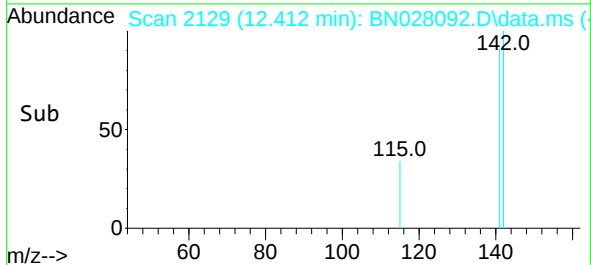
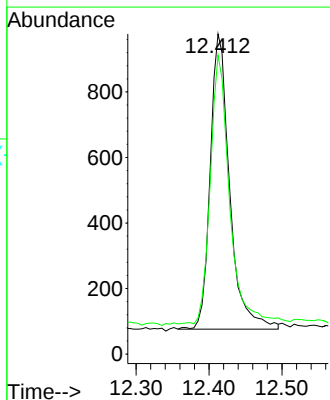
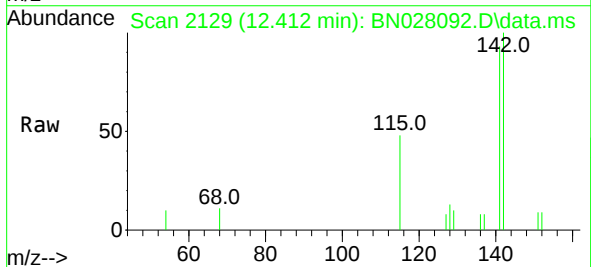
Manual Integrations
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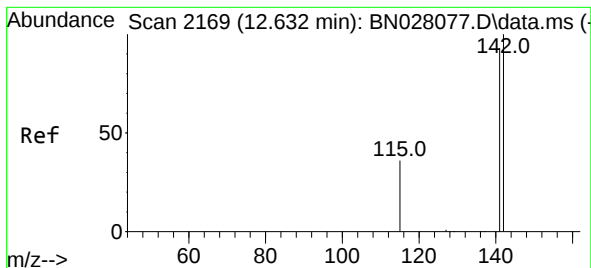
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Tgt Ion:142 Resp: 1674
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BN028092.D

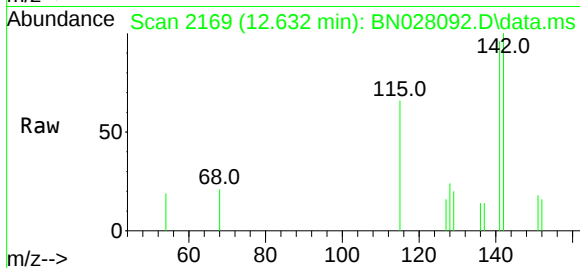
Acq: 06 Oct 2023 19:43

Instrument :

BNA_N

ClientSampleId :

EZYY5DL



Tgt Ion:142 Resp: 698

Ion Ratio Lower Upper

142 100

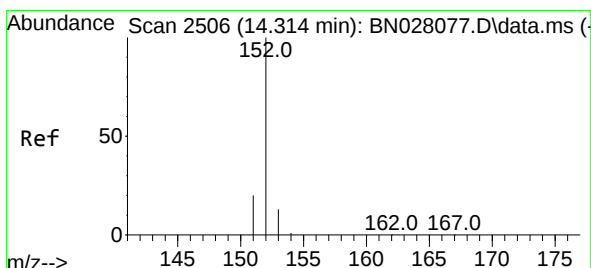
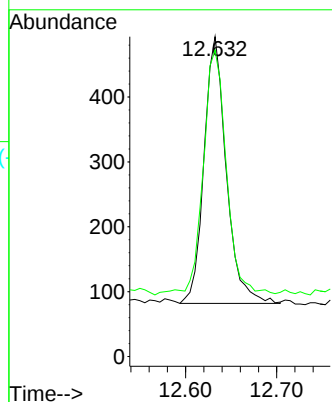
141 95.8 74.4 111.6

Manual Integrations

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#10

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

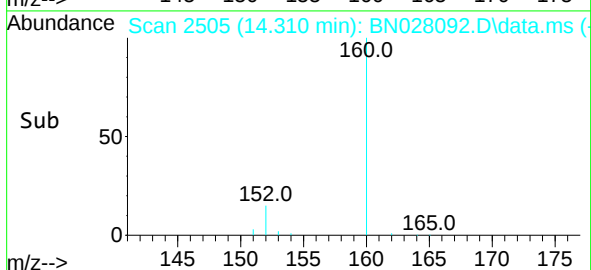
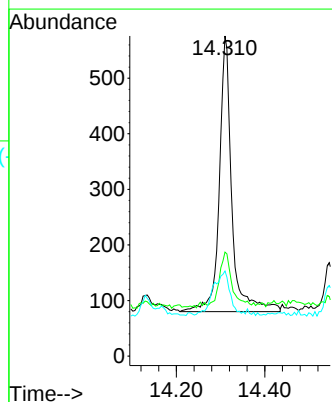
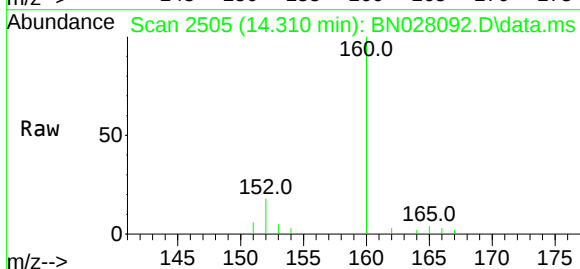
Tgt Ion:152 Resp: 975

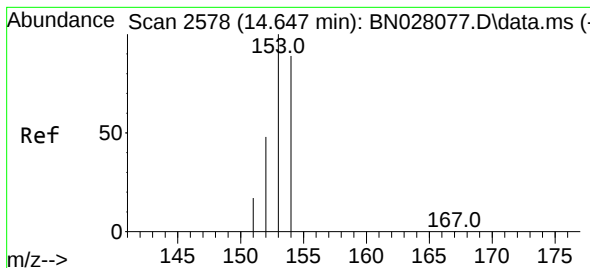
Ion Ratio Lower Upper

152 100

151 32.5 16.4 24.6#

153 26.6 10.9 16.3#





#11

Acenaphthene

Concen: 0.033 ng/u1

RT: 14.648 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

Instrument :

BNA_N

ClientSampleId :

EZYY5DL

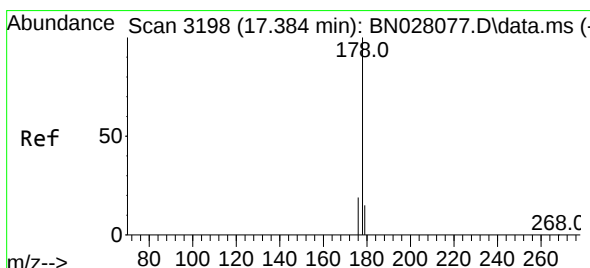
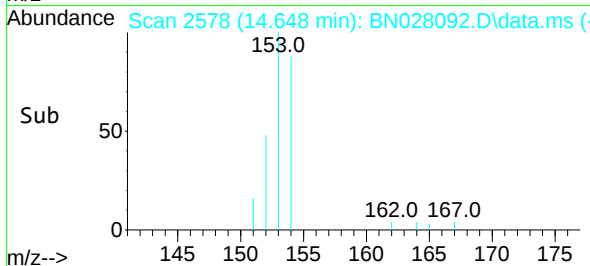
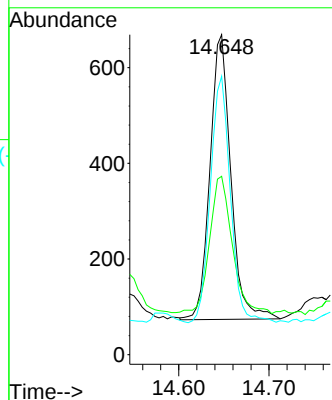
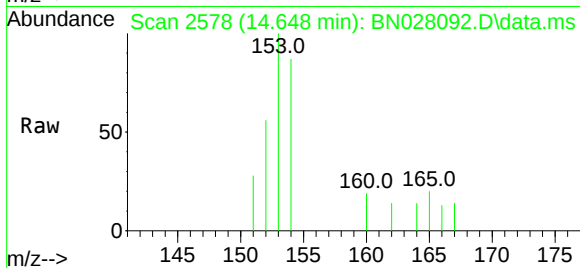
Tgt Ion:	153	Resp:	950
Ion Ratio	Lower	Upper	
153	100		
152	55.8	39.4	59.0
154	87.0	70.2	105.4

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Supervised By :mohammad ahmed 10/08/2023



#15

Phenanthrene

Concen: 0.245 ng/u1

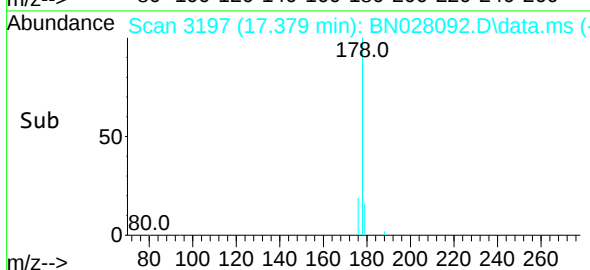
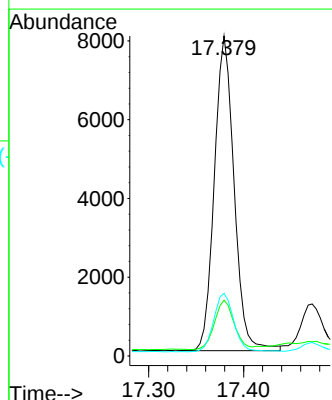
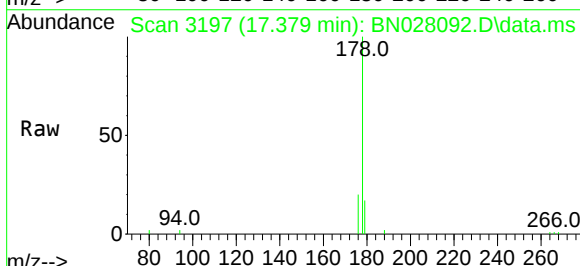
RT: 17.379 min Scan# 3197

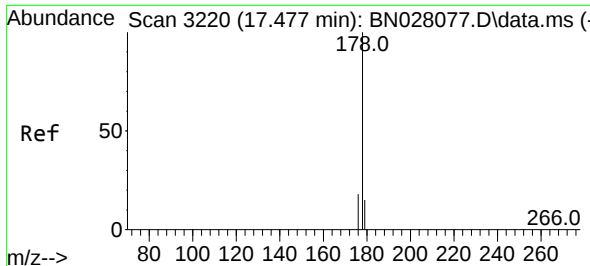
Delta R.T. 0.004 min

Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

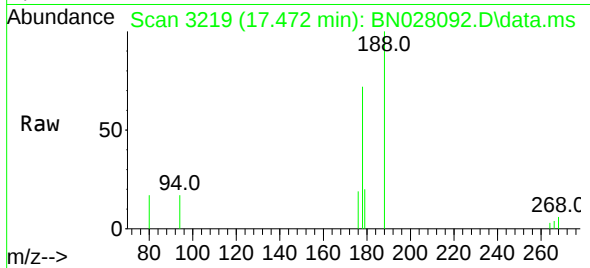
Tgt Ion:	178	Resp:	11557
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.6	19.0
176	19.6	15.5	23.3





#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

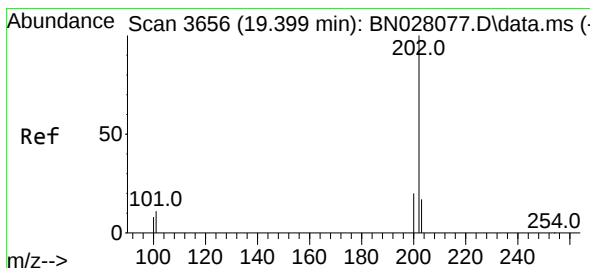
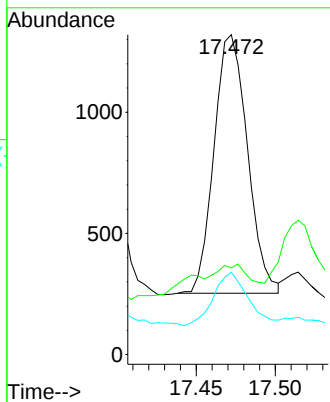
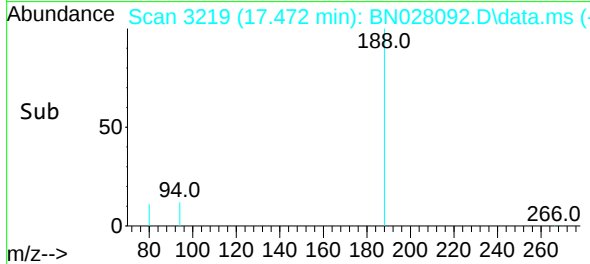
Instrument :
 BNA_N
 ClientSampleId :
 EZYY5DL



Tgt Ion:178 Resp: 1568
 Ion Ratio Lower Upper
 178 100
 179 27.1 12.8 19.2
 176 25.8 15.0 22.6

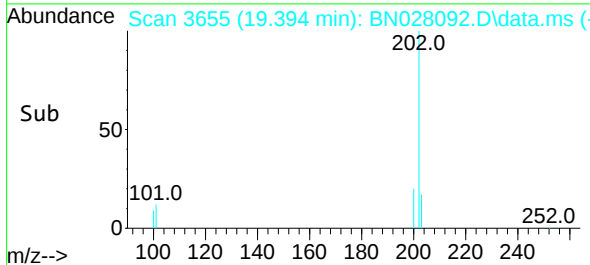
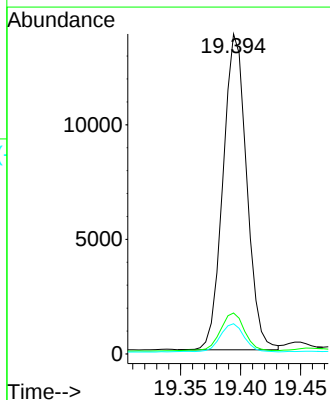
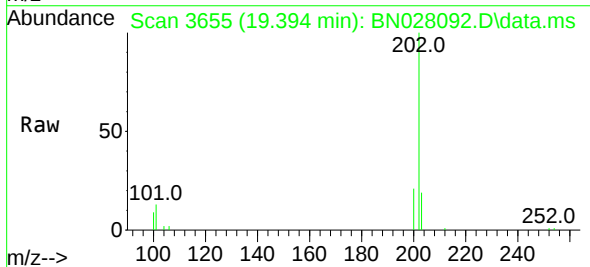
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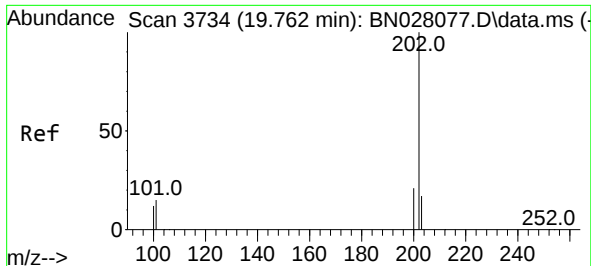
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#19
 Fluoranthene
 Concen: 0.339 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.004 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

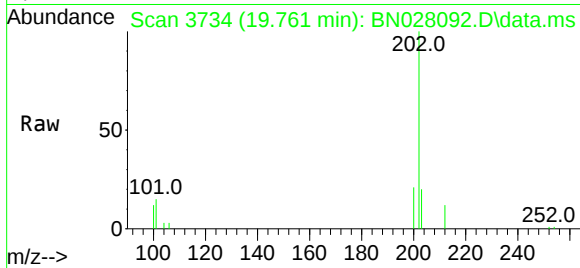
Tgt Ion:202 Resp: 18892
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.6 14.4
 100 9.5 7.4 11.0





#20
Pyrene
Concen: 0.358 ng/ul m
RT: 19.761 min Scan# 3734
Delta R.T. 0.004 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

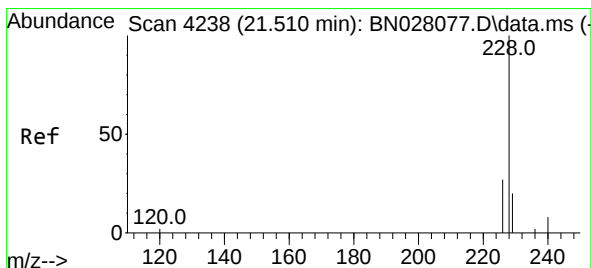
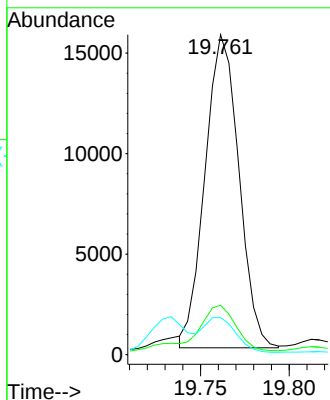
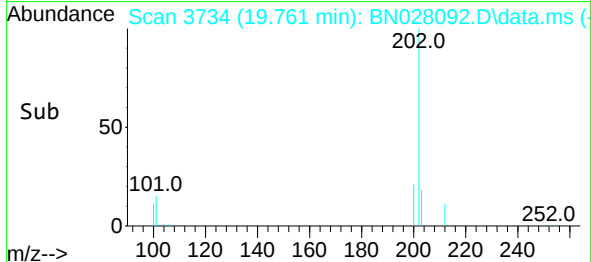
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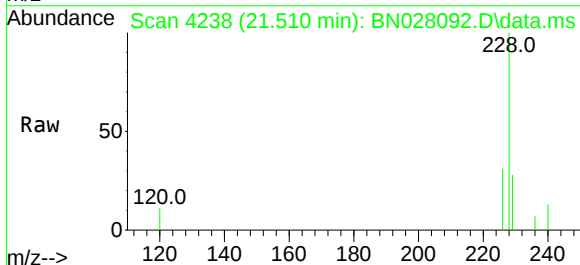
Tgt Ion:202 Resp: 2067
Ion Ratio Lower Upper
202 100
101 15.5 11.2 16.8
100 11.6 9.1 13.7

Manual Integrations
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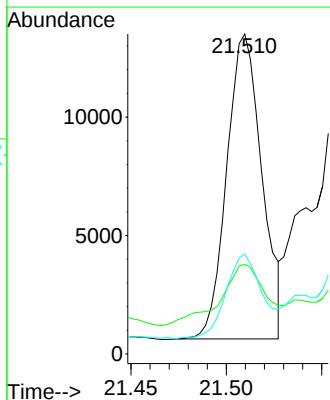
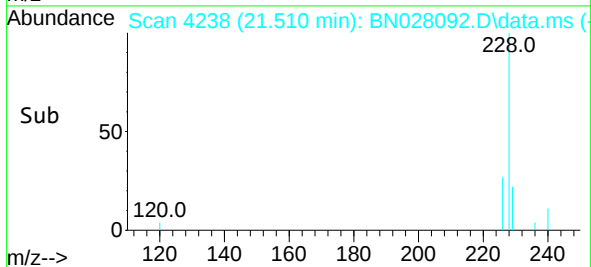
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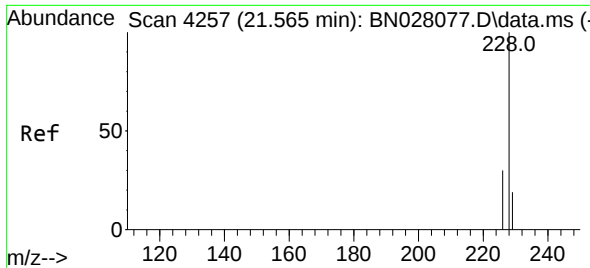


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.510 min Scan# 4238
Delta R.T. 0.008 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43



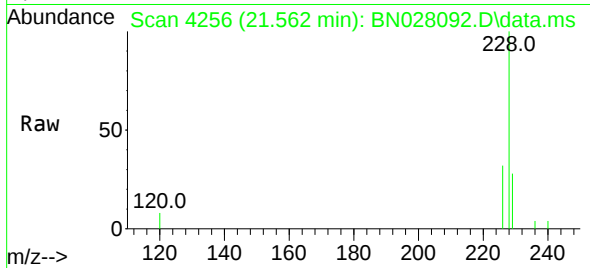
Tgt Ion:228 Resp: 16506
Ion Ratio Lower Upper
228 100
229 28.0 16.0 24.0#
226 31.2 21.5 32.3





#22
Chrysene
Concen: 0.510 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.006 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

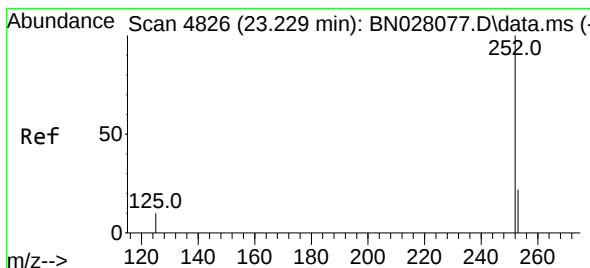
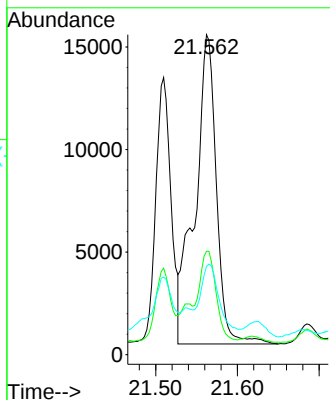
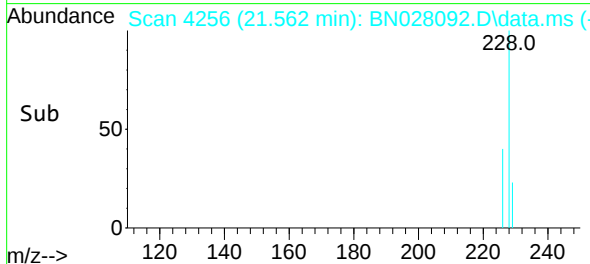
Instrument :
BNA_N
ClientSampleId :
EZY5DL



Tgt Ion:228 Resp: 27440
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.8
229 27.6 16.0 24.0

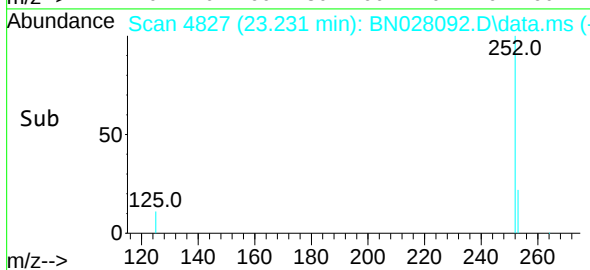
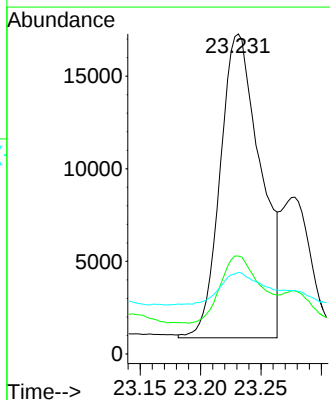
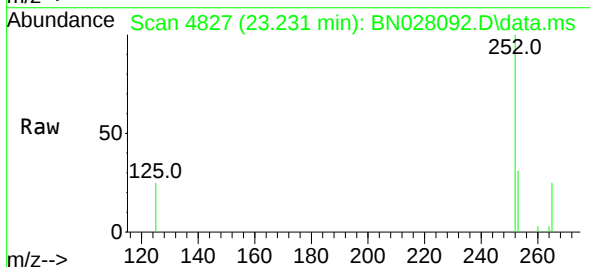
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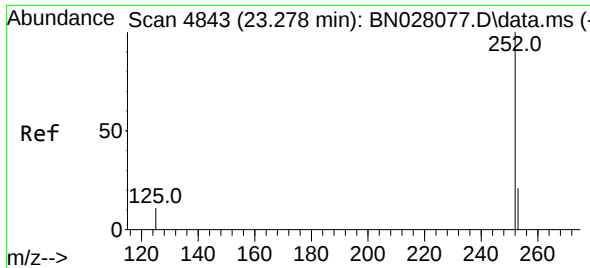
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#24
Benzo(b)fluoranthene
Concen: 0.627 ng/ul m
RT: 23.231 min Scan# 4827
Delta R.T. 0.014 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

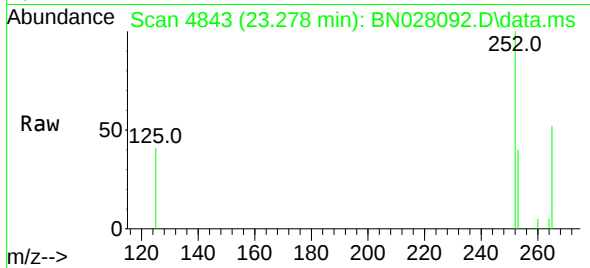
Tgt Ion:252 Resp: 38084
Ion Ratio Lower Upper
252 100
253 30.6 0.0 54.0
125 25.5 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.011 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

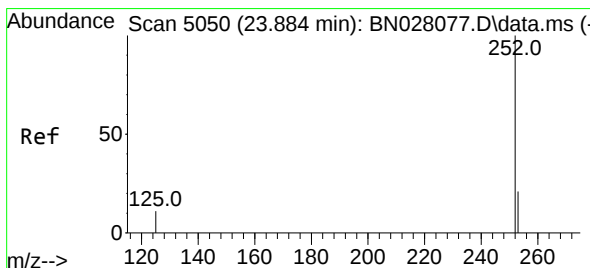
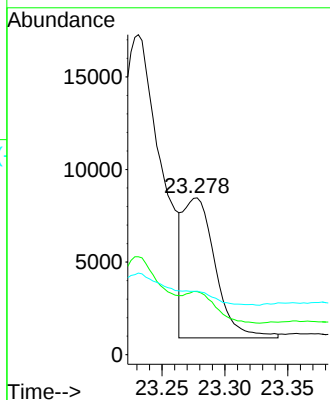
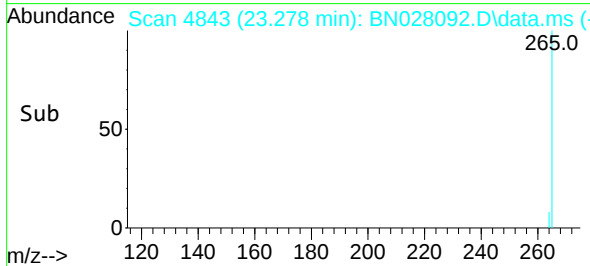
Instrument :
BNA_N
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EZY5DL



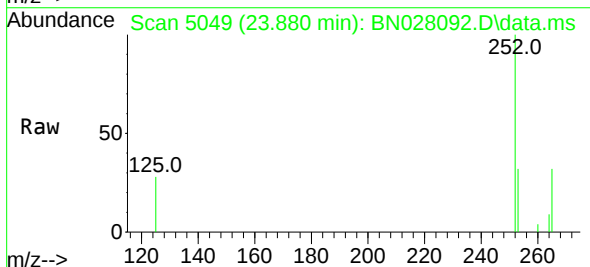
Tgt Ion:252 Resp: 13474
Ion Ratio Lower Upper
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253 40.2 21.8 32.8
125 40.5 12.8 19.2

Manual Integrations
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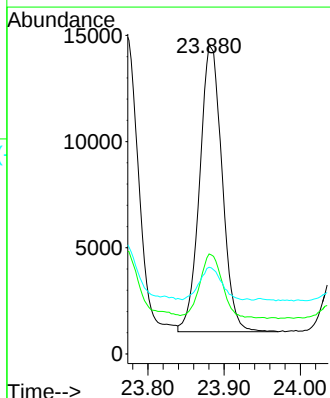
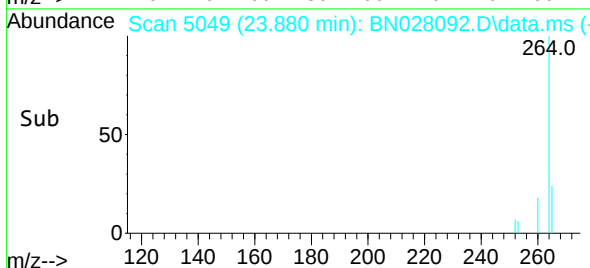
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

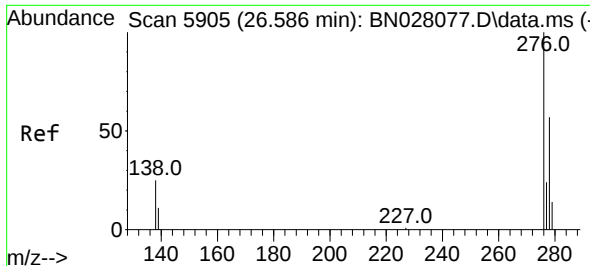


#26
Benzo(a)pyrene
Concen: 0.533 ng/ul
RT: 23.880 min Scan# 5049
Delta R.T. 0.011 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43



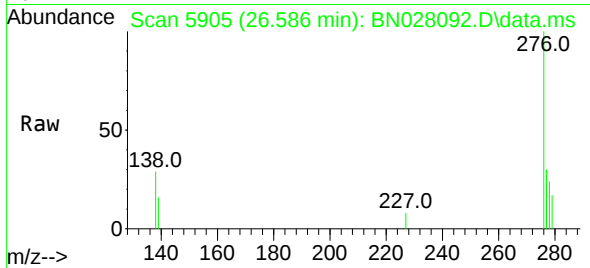
Tgt Ion:252 Resp: 27579
Ion Ratio Lower Upper
252 100
253 32.4 23.4 35.2
125 28.1 15.3 22.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.368 ng/ul
 RT: 26.586 min Scan# 5905
 Delta R.T. 0.020 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

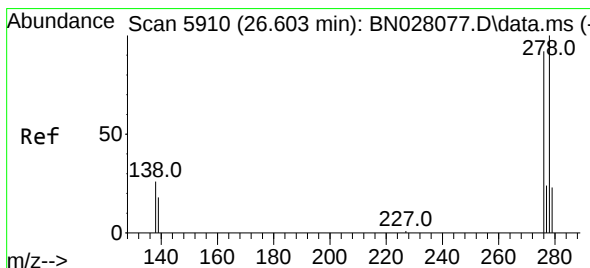
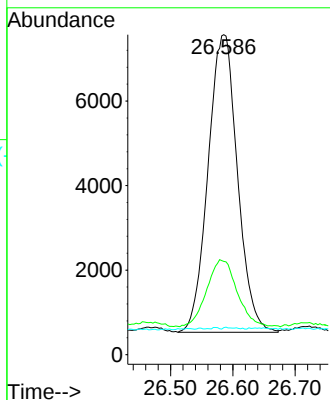
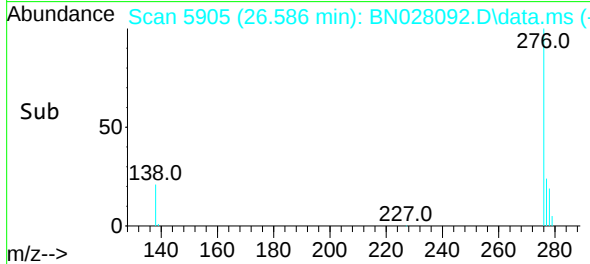
Instrument :
 BNA_N
 ClientSampleId :
 EZYY5DL



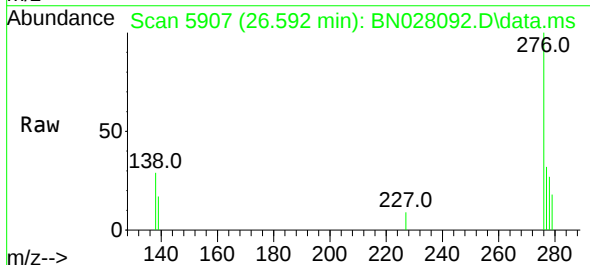
Tgt Ion: 276 Resp: 2306
 Ion Ratio Lower Upper
 276 100
 138 23.2 21.6 32.4
 227 0.2 0.2 0.2

Manual Integrations
 APPROVED

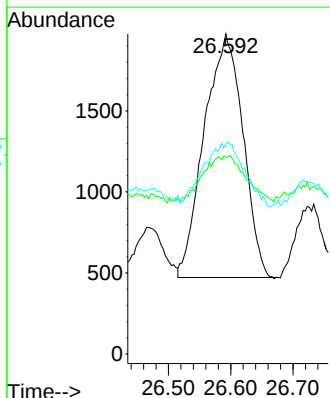
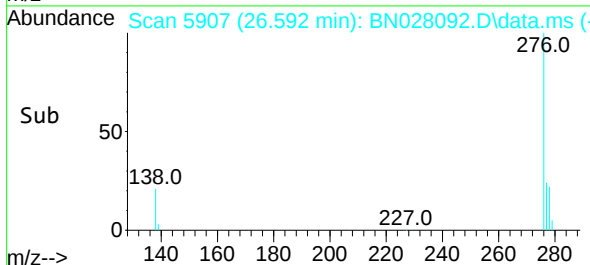
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

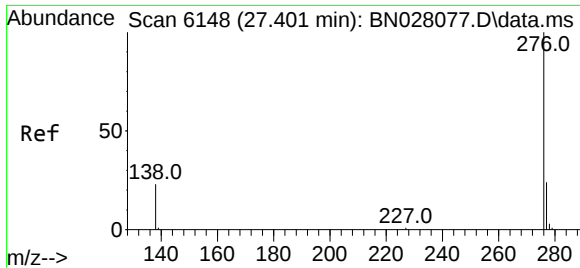


#28
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/ul
 RT: 26.592 min Scan# 5907
 Delta R.T. 0.010 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43



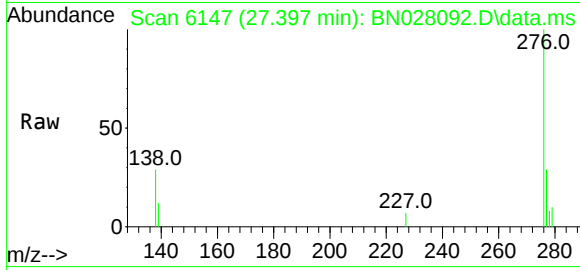
Tgt Ion: 278 Resp: 6484
 Ion Ratio Lower Upper
 278 100
 139 61.5 15.9 23.9#
 279 65.5 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.562 ng/ul
 RT: 27.397 min Scan# 6147
 Delta R.T. 0.020 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

Instrument :
 BNA_N
 ClientSampleId :
 EZYY5DL



Tgt Ion:	276	Resp:	2880
Ion Ratio	Lower	Upper	
276	100		
138	28.6	19.8	29.6
277	29.2	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

