

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028085.D
 Acq On : 06 Oct 2023 15:16
 Operator : MA/JU
 Sample : 04469-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL9DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 00:31:10 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	6650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	20718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	10734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	21899	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	19338	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	21776	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4287	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1101	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	2207	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1928	0.033	ng/ul#	84
7) 2-Methylnaphthalene	12.412	142	1557	0.042	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	866	0.023	ng/ul	99
10) Acenaphthylene	14.310	152	1623	0.033	ng/ul#	75
11) Acenaphthene	14.643	153	879	0.023	ng/ul#	89
15) Phenanthrene	17.380	178	20459	0.313	ng/ul	98
16) Anthracene	17.472	178	5046	0.086	ng/ul#	89
19) Fluoranthene	19.394	202	39682	0.537	ng/ul	99
20) Pyrene	19.762	202	37352	0.488	ng/ul	99
21) Benzo(a)anthracene	21.507	228	20820	0.295	ng/ul#	88
22) Chrysene	21.562	228	28472m	0.399	ng/ul	
24) Benzo(b)fluoranthene	23.231	252	43876m	0.543	ng/ul	
25) Benzo(k)fluoranthene	23.278	252	15480m	0.193	ng/ul	
26) Benzo(a)pyrene	23.883	252	26327	0.382	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.589	276	24824	0.298	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.602	278	7291	0.108	ng/ul#	1
29) Benzo(g,h,i)perylene	27.411	276	30633	0.450	ng/ul#	74

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

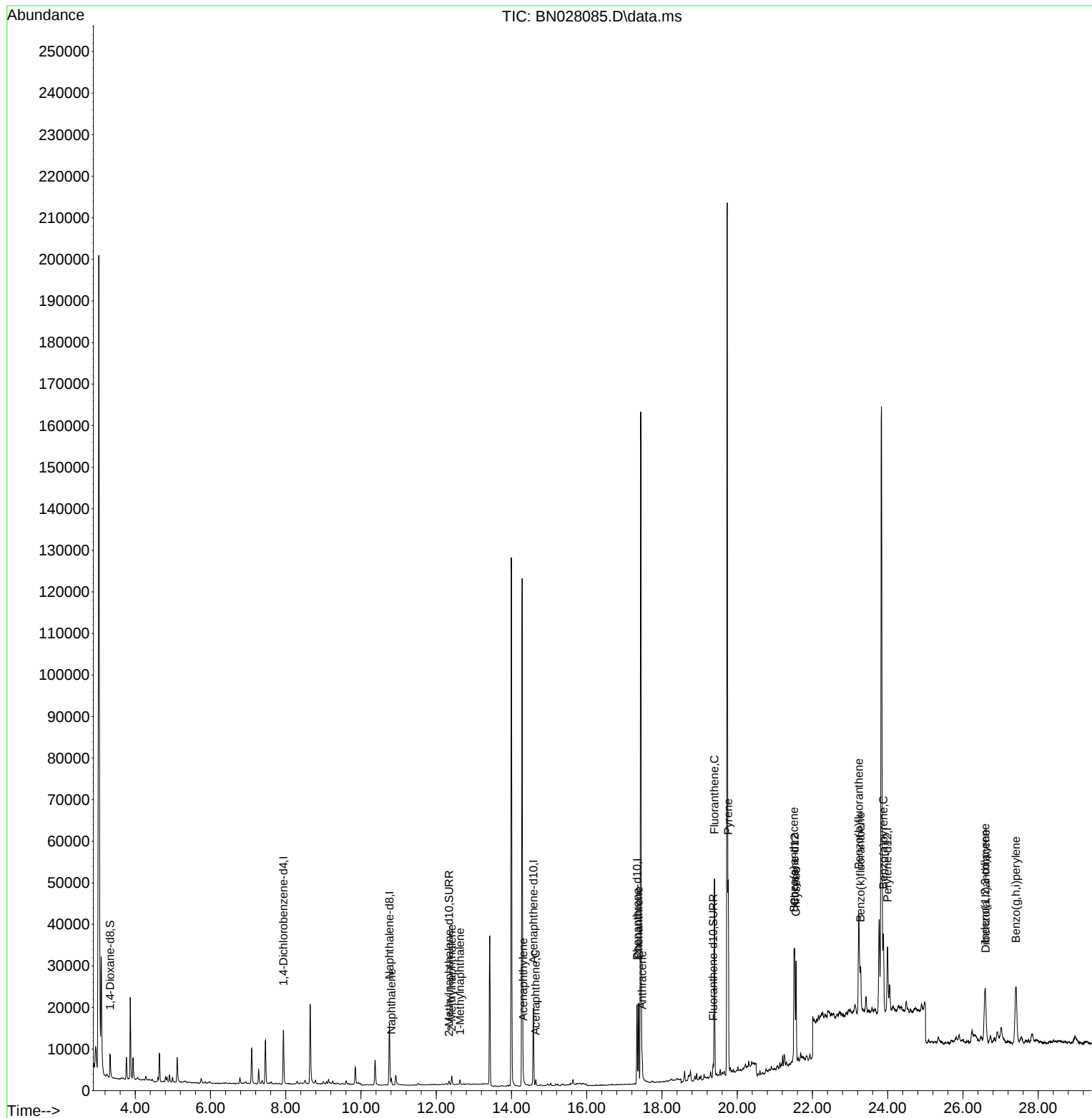
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028085.D
Acq On : 06 Oct 2023 15:16
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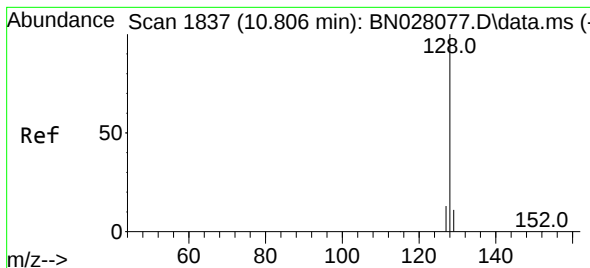
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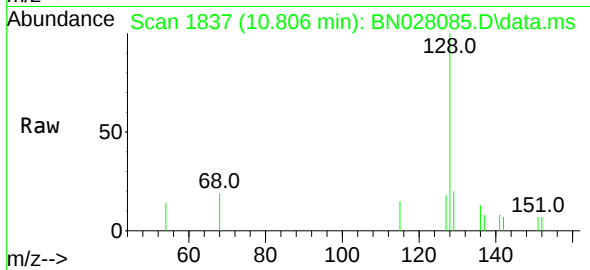
Quant Time: Oct 07 00:31:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

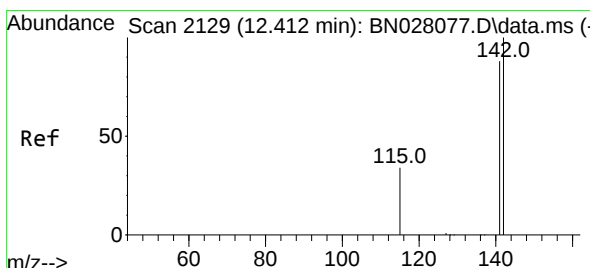
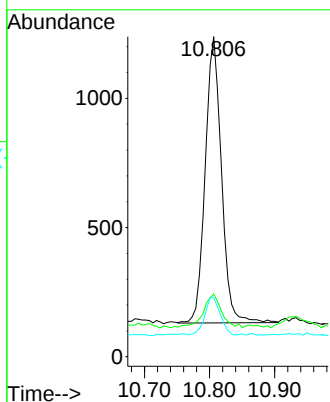
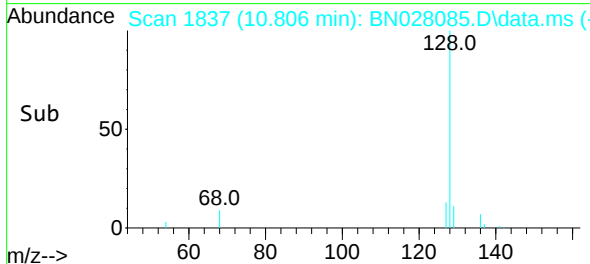
Instrument :
BNA_N
ClientSampleId :
EZYLDL



Tgt Ion:128 Resp: 1928
Ion Ratio Lower Upper
128 100
129 19.6 9.4 14.0
127 18.5 11.0 16.4

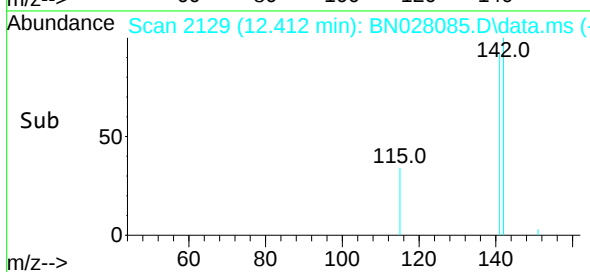
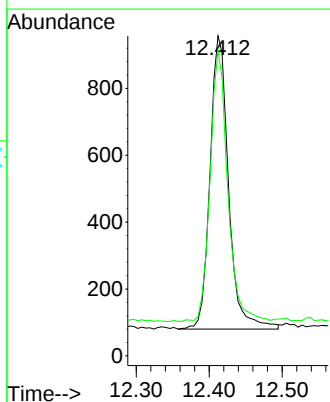
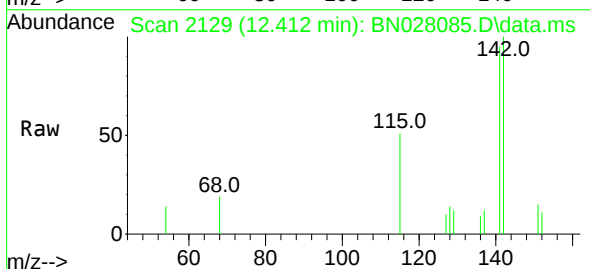
Manual Integrations
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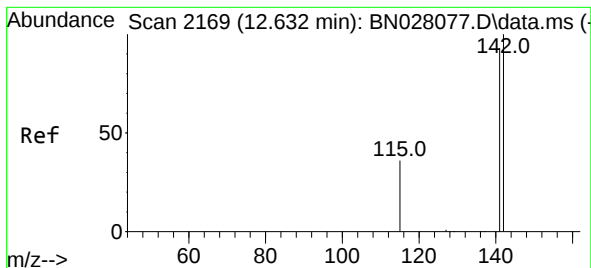
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

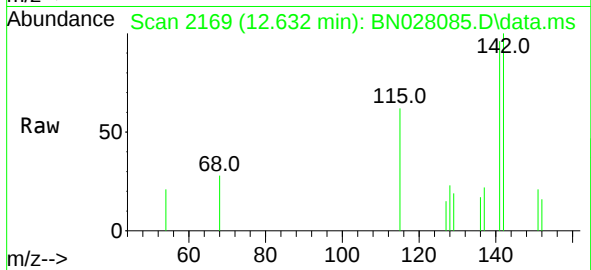
Tgt Ion:142 Resp: 1557
Ion Ratio Lower Upper
142 100
141 87.1 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

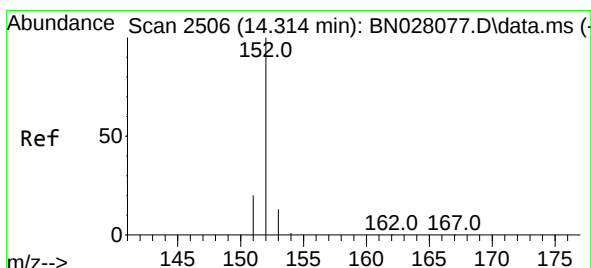
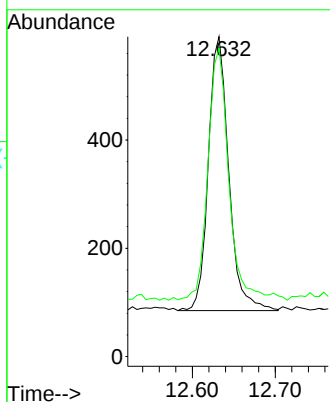
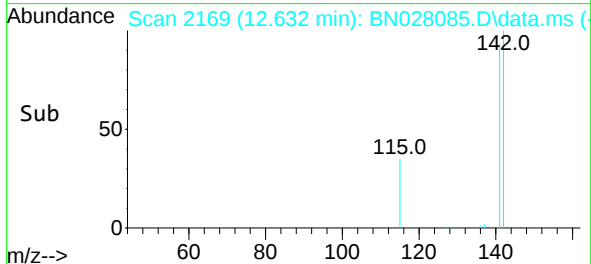
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
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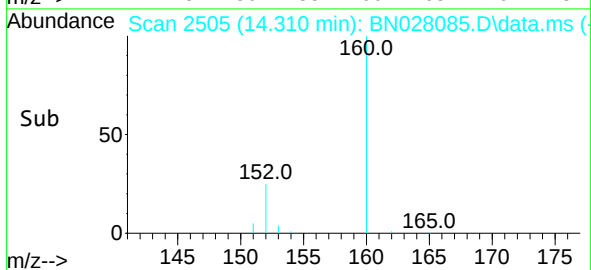
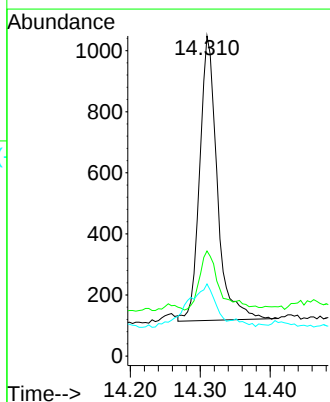
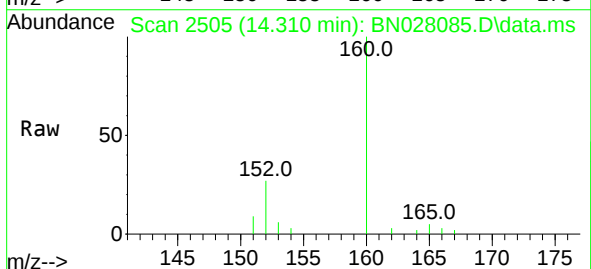
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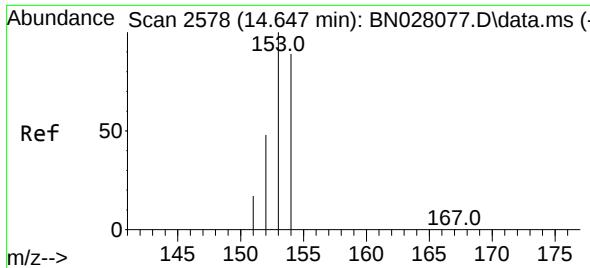
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

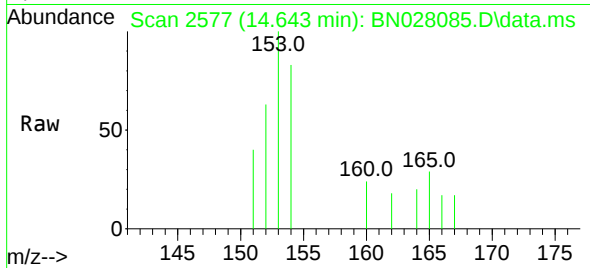
Tgt Ion:152 Resp: 1623
Ion Ratio Lower Upper
152 100
151 32.8 16.4 24.6#
153 22.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.643 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

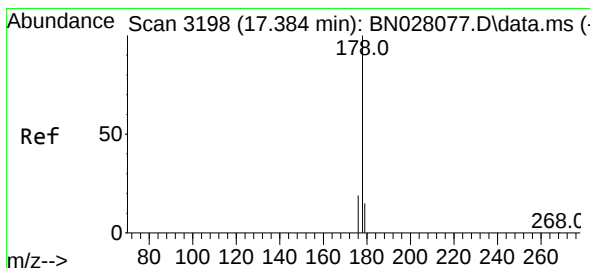
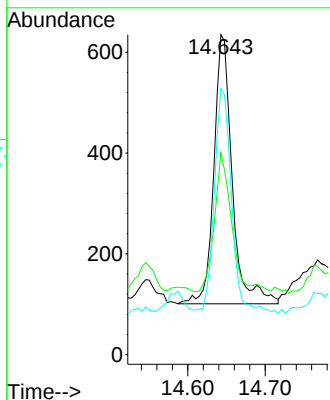
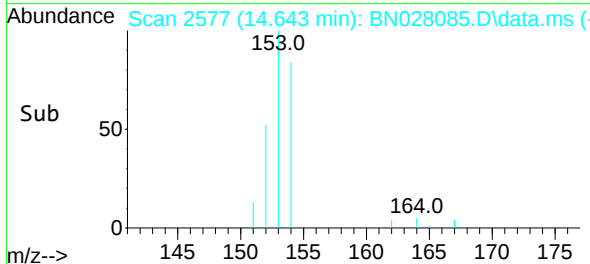
Instrument :
BNA_N
ClientSampleId :
EZY9DL



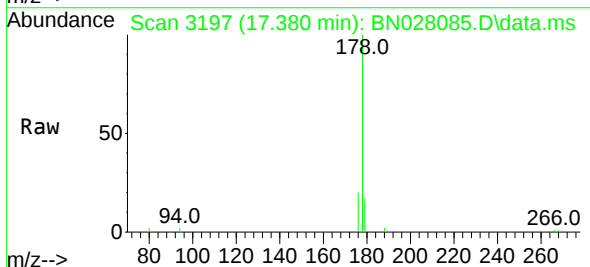
Tgt Ion:153 Resp: 879
Ion Ratio Lower Upper
153 100
152 63.1 39.4 59.0
154 83.1 70.2 105.4

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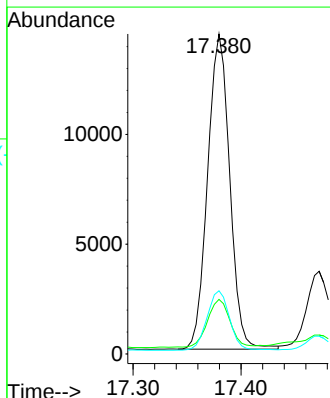
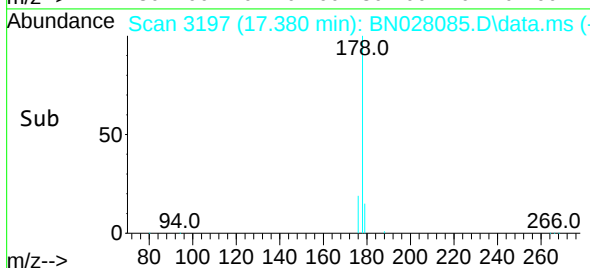
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

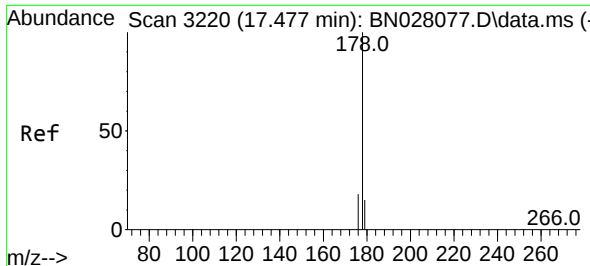


#15
Phenanthrene
Concen: 0.313 ng/u1
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16



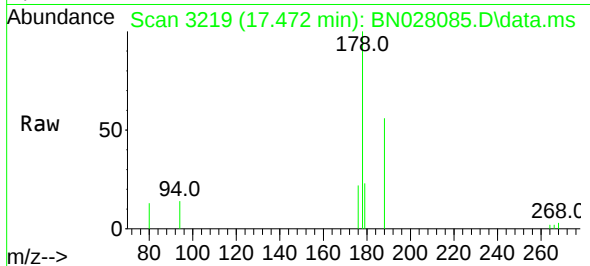
Tgt Ion:178 Resp: 20459
Ion Ratio Lower Upper
178 100
179 17.0 12.6 19.0
176 19.8 15.5 23.3





#16
 Anthracene
 Concen: 0.086 ng/u1
 RT: 17.472 min Scan# 3220
 Delta R.T. 0.004 min
 Lab File: BN028085.D
 Acq: 06 Oct 2023 15:16

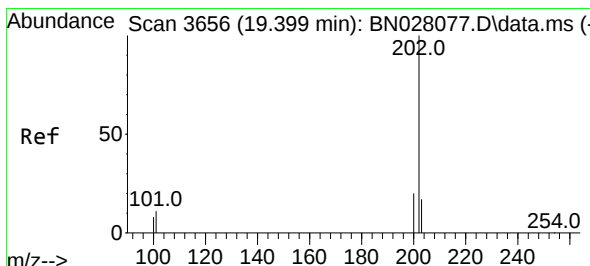
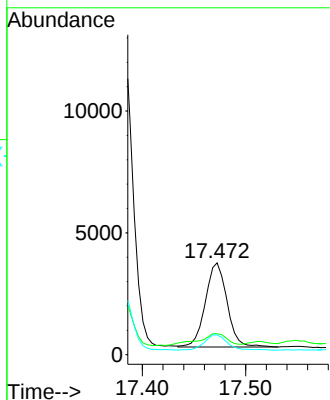
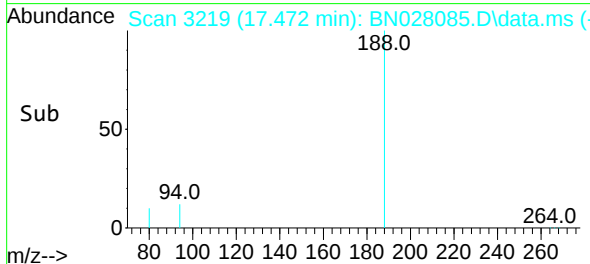
Instrument :
 BNA_N
 ClientSampleId :
 EZYL9DL



Tgt Ion:178 Resp: 5040
 Ion Ratio Lower Upper
 178 100
 179 22.8 12.8 19.2
 176 21.5 15.0 22.6

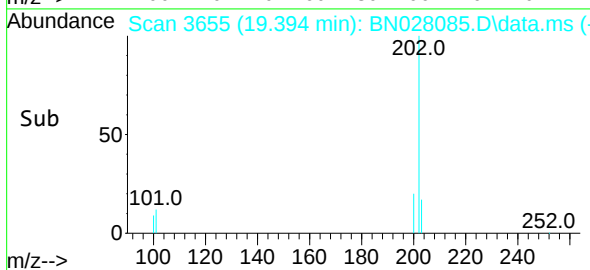
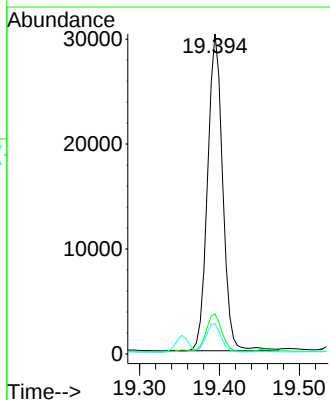
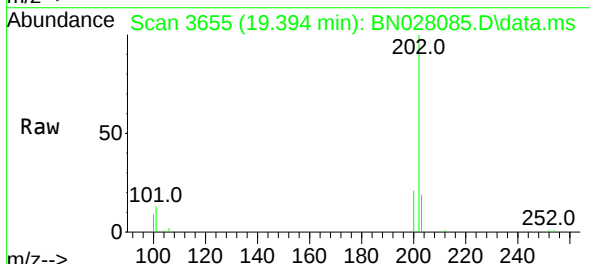
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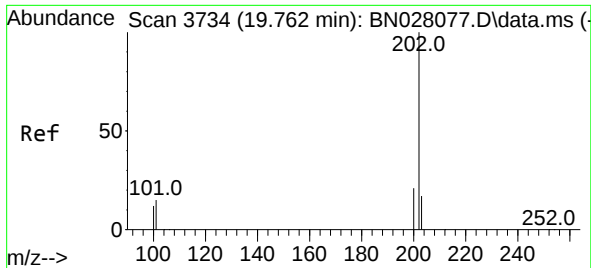
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#19
 Fluoranthene
 Concen: 0.537 ng/u1
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.005 min
 Lab File: BN028085.D
 Acq: 06 Oct 2023 15:16

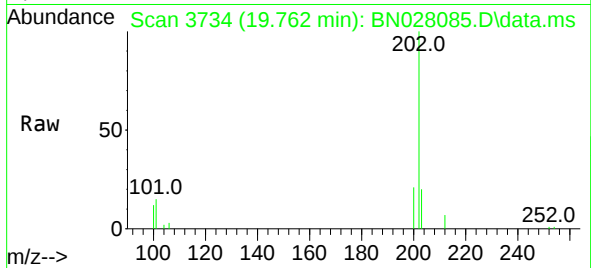
Tgt Ion:202 Resp: 39682
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.6 14.4
 100 9.5 7.4 11.0





#20
Pyrene
Concen: 0.488 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

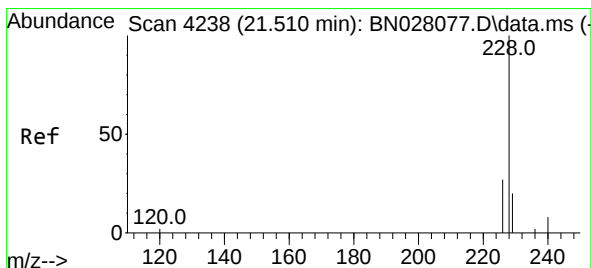
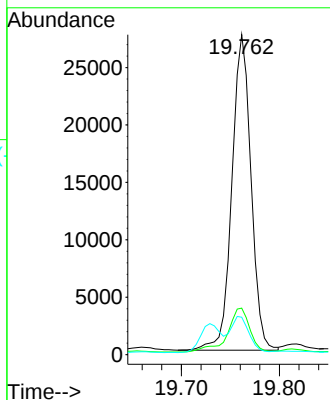
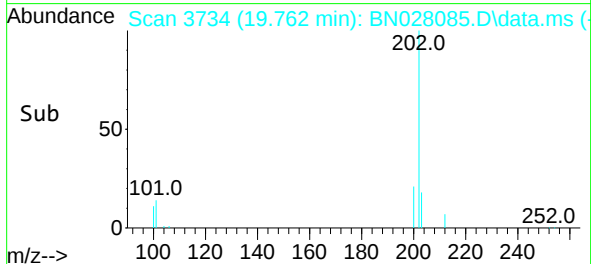
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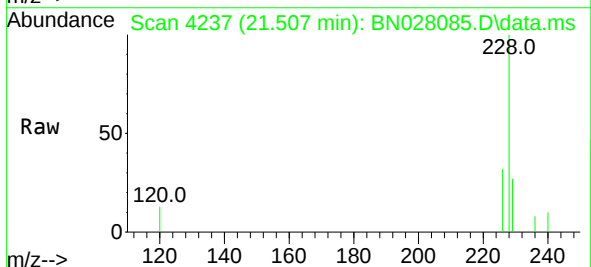
Tgt Ion:202 Resp: 3735
Ion Ratio Lower Upper
202 100
101 14.5 11.2 16.8
100 11.7 9.1 13.7

Manual Integrations
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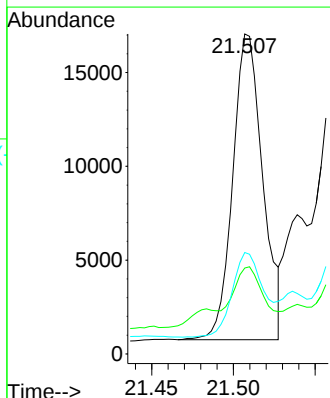
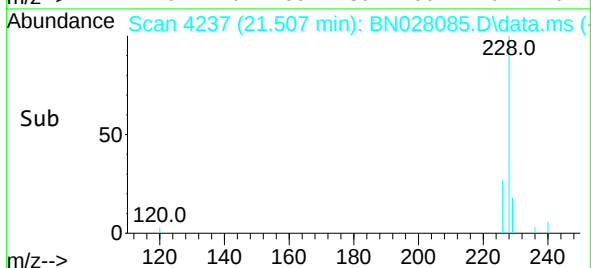
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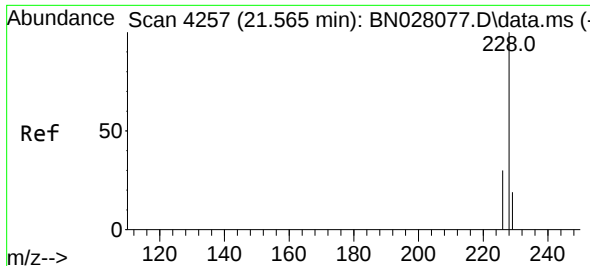


#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.507 min Scan# 4237
Delta R.T. 0.006 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16



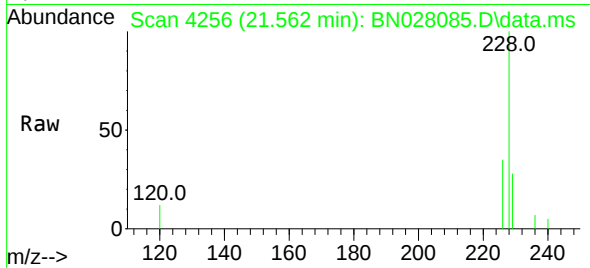
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Ion Ratio Lower Upper
228 100
229 26.8 16.0 24.0#
226 31.7 21.5 32.3





#22
Chrysene
Concen: 0.399 ng/ul m
RT: 21.562 min Scan# 4257
Delta R.T. 0.006 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

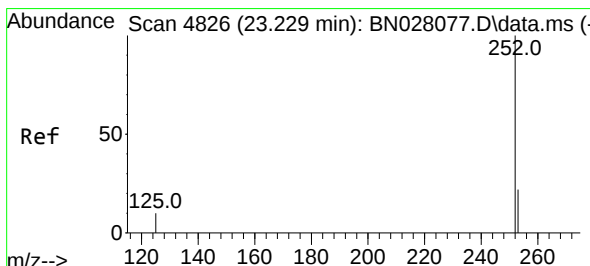
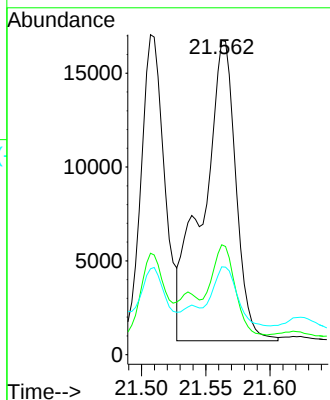
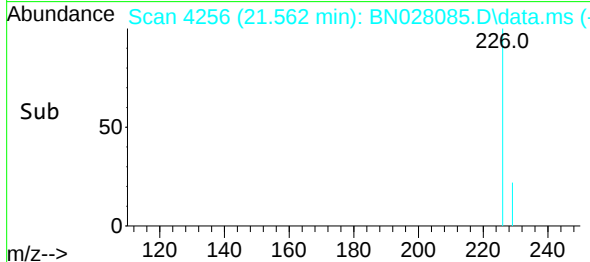
Instrument :
BNA_N
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EZYLDL



Tgt Ion:228 Resp: 28472
Ion Ratio Lower Upper
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226 35.0 23.8 35.8
229 27.9 16.0 24.0

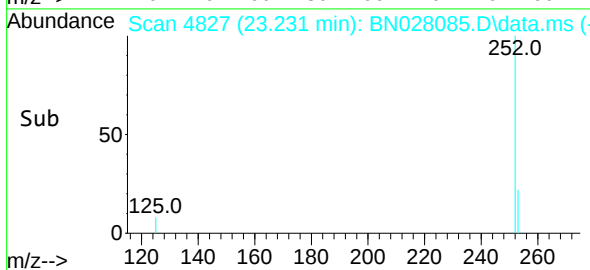
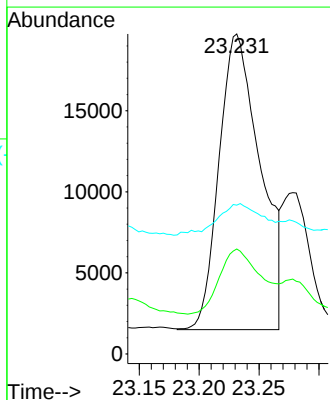
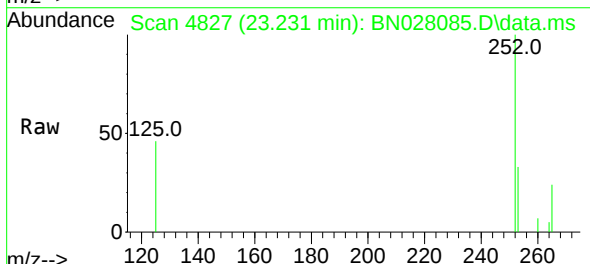
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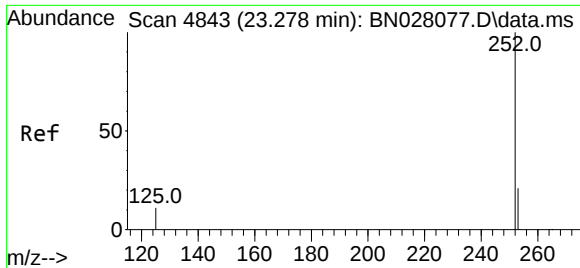
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#24
Benzo(b)fluoranthene
Concen: 0.543 ng/ul m
RT: 23.231 min Scan# 4827
Delta R.T. 0.015 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

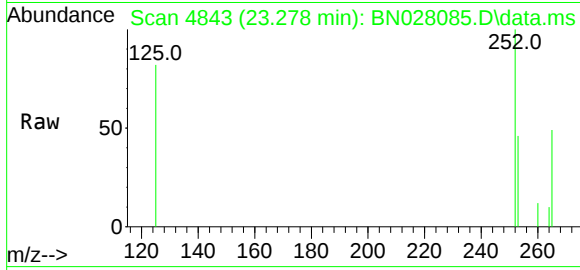
Tgt Ion:252 Resp: 43876
Ion Ratio Lower Upper
252 100
253 32.8 0.0 54.0
125 46.5 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.193 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.012 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

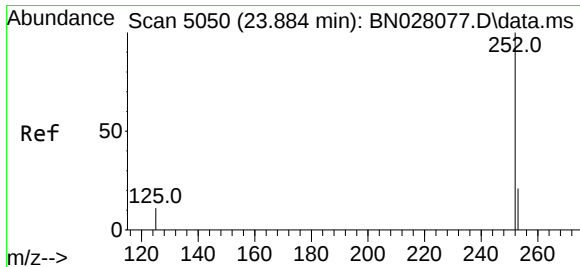
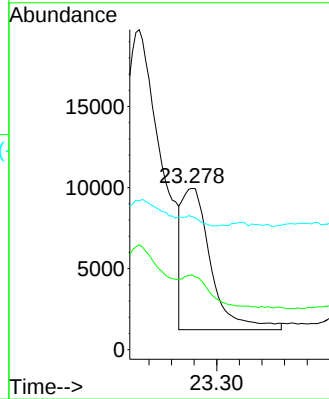
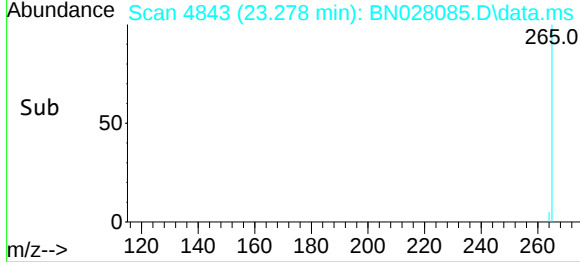
Instrument :
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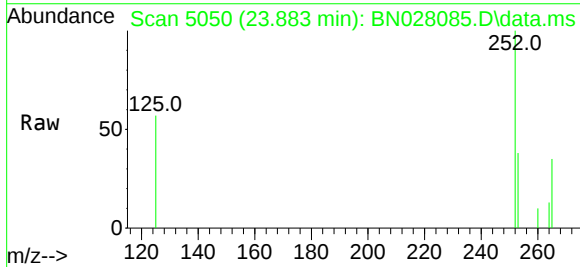
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Ion Ratio Lower Upper
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125 82.5 12.8 19.2

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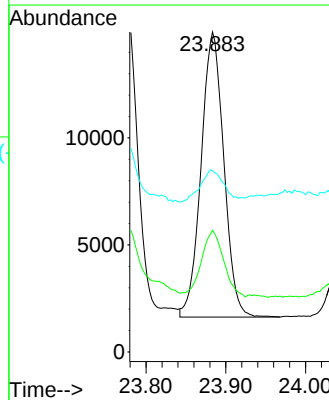
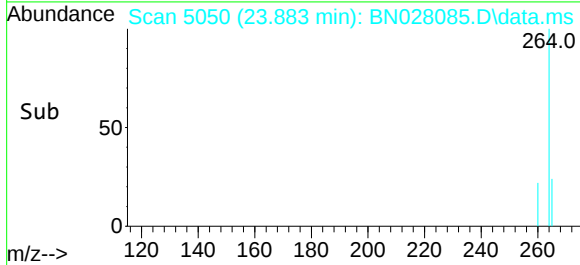
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

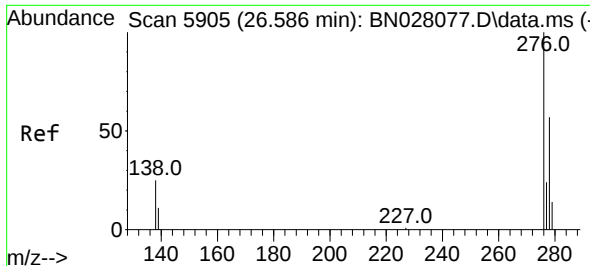


#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.883 min Scan# 5050
Delta R.T. 0.015 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16



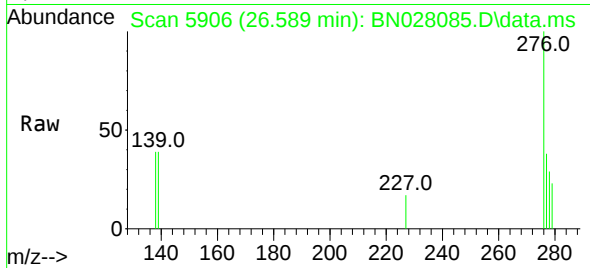
Tgt Ion:252 Resp: 26327
Ion Ratio Lower Upper
252 100
253 38.1 23.4 35.2#
125 56.7 15.3 22.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.298 ng/ul
 RT: 26.589 min Scan# 5905
 Delta R.T. 0.023 min
 Lab File: BN028085.D
 Acq: 06 Oct 2023 15:16

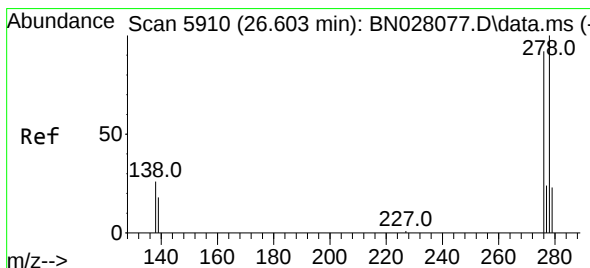
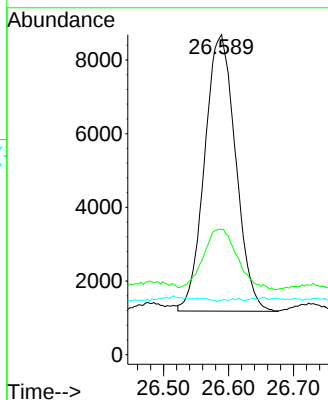
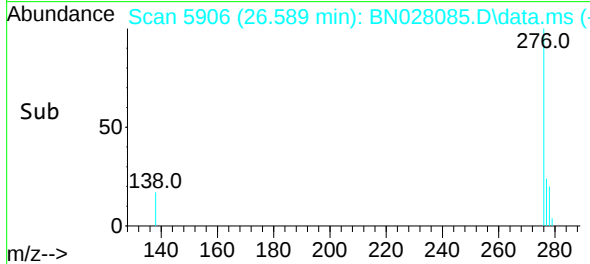
Instrument :
 BNA_N
 ClientSampleId :
 EZYL9DL



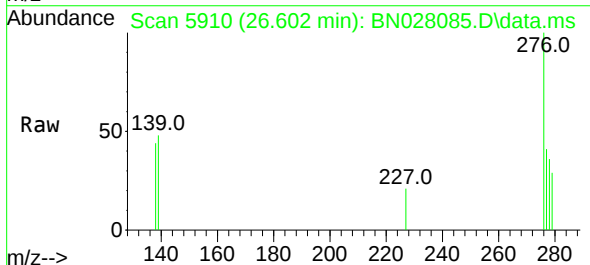
Tgt Ion: 276 Resp: 24824
 Ion Ratio Lower Upper
 276 100
 138 24.1 21.6 32.4
 227 0.1 0.2 0.2

Manual Integrations
 APPROVED

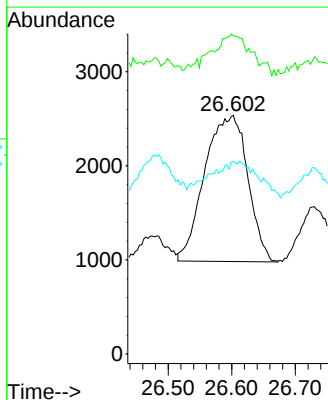
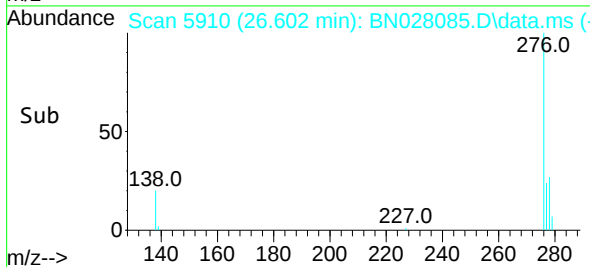
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

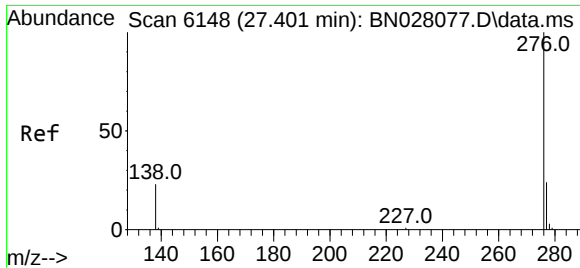


#28
 Dibenzo(a,h)anthracene
 Concen: 0.108 ng/ul
 RT: 26.602 min Scan# 5910
 Delta R.T. 0.020 min
 Lab File: BN028085.D
 Acq: 06 Oct 2023 15:16



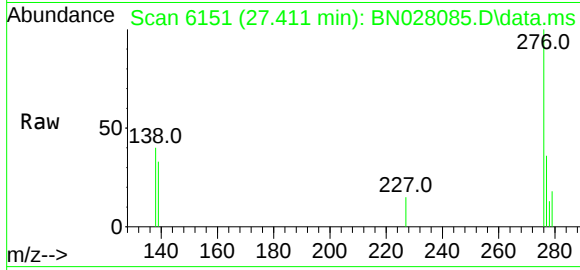
Tgt Ion: 278 Resp: 7291
 Ion Ratio Lower Upper
 278 100
 139 133.3 15.9 23.9#
 279 80.8 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.411 min Scan# 61
Delta R.T. 0.033 min
Lab File: BN028085.D
Acq: 06 Oct 2023 15:16

Instrument :
BNA_N
ClientSampleId :
EZYL9DL



Tgt Ion:276 Resp: 3063
Ion Ratio Lower Upper
276 100
138 40.3 19.8 29.6
277 36.3 20.6 31.0

Manual Integrations
APPROVED

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

