

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027846.D
 Acq On : 23 Sep 2023 04:54
 Operator : MA/JU
 Sample : 04330-01DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 23 05:35:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6698	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	22885	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	14288	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	31673	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	25661	0.400	ng/ul	# 0.00
23) Perylene-d12	24.070	264	22274	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	3723	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2060	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5347	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	4157	0.064	ng/ul#	93
7) 2-Methylnaphthalene	12.472	142	3564	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.692	142	1663	0.039	ng/ul	98
10) Acenaphthylene	14.365	152	13504	0.216	ng/ul	94
11) Acenaphthene	14.703	153	2129	0.039	ng/ul	94
12) Fluorene	15.684	166	2159	0.034	ng/ul#	76
15) Phenanthrene	17.430	178	21907	0.220	ng/ul#	92
16) Anthracene	17.523	178	13301	0.160	ng/ul#	84
19) Fluoranthene	19.445	202	39294	0.379	ng/ul	99
20) Pyrene	19.808	202	53315	0.499	ng/ul	99
21) Benzo(a)anthracene	21.554	228	31650	0.319	ng/ul#	79
22) Chrysene	21.609	228	38357	0.374	ng/ul#	79
24) Benzo(b)fluoranthene	23.296	252	47461m	0.478	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	16200m	0.168	ng/ul	
26) Benzo(a)pyrene	23.953	252	36448	0.456	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.690	276	28623	0.280	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.693	278	7781	0.094	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	40768	0.469	ng/ul#	86

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

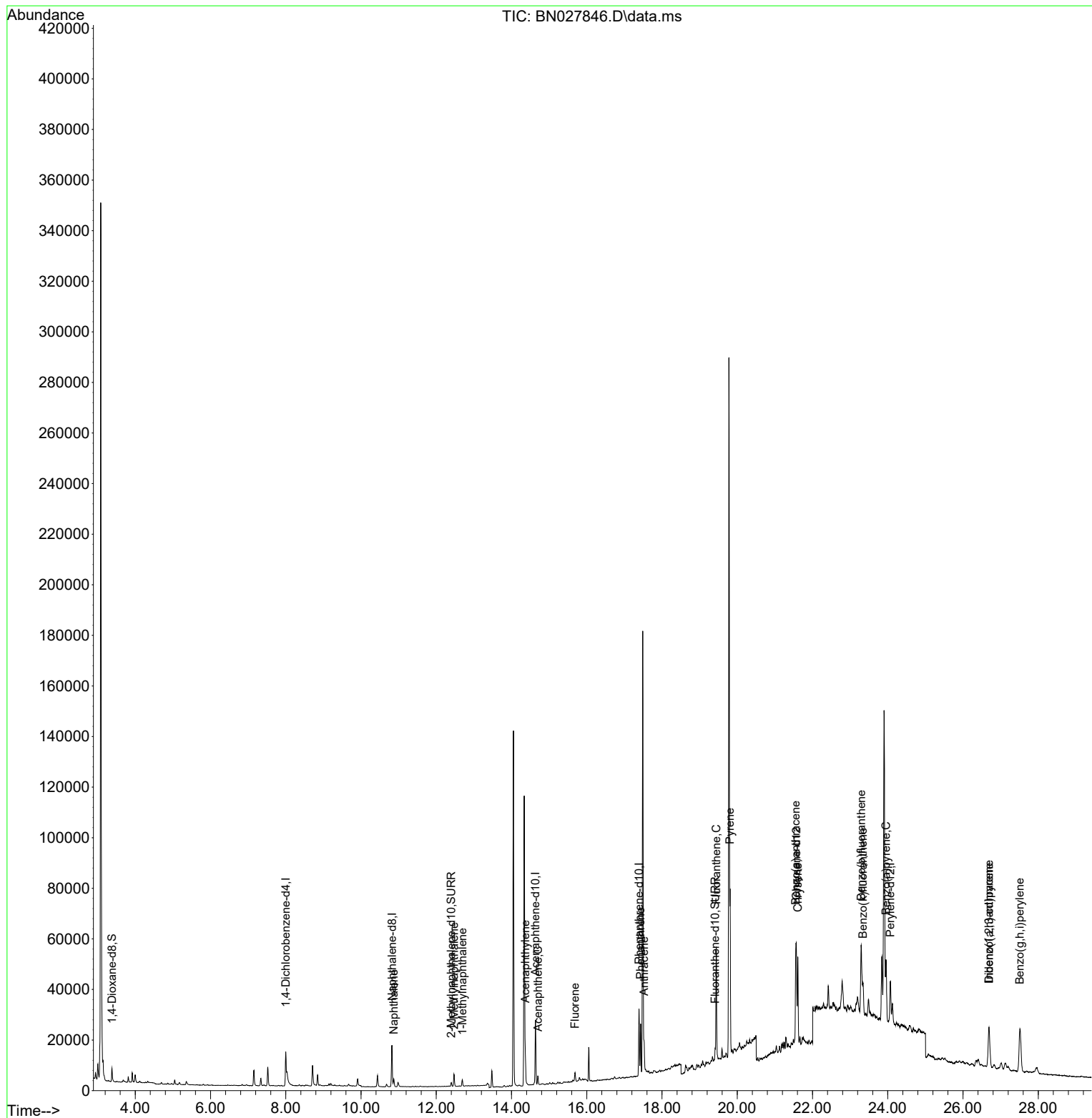
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027846.D
Acq On : 23 Sep 2023 04:54
Operator : MA/JU
Sample : 04330-01DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

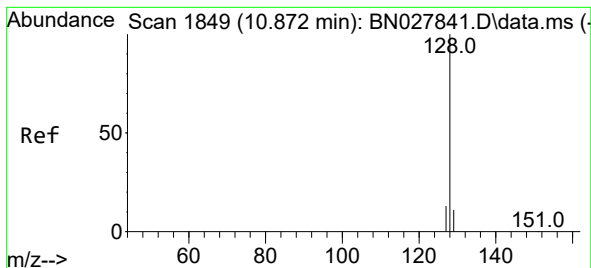
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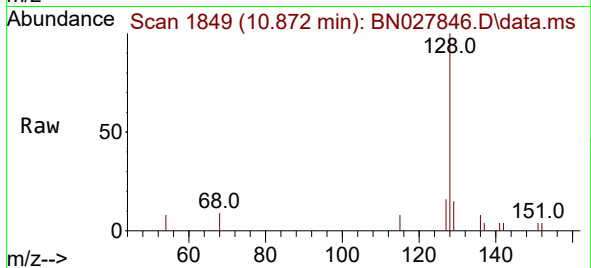
Quant Time: Sep 23 05:35:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

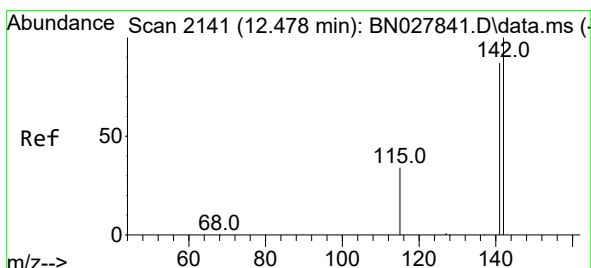
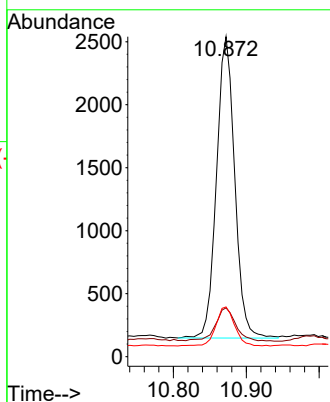
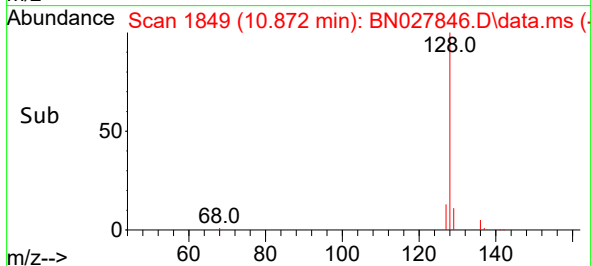
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



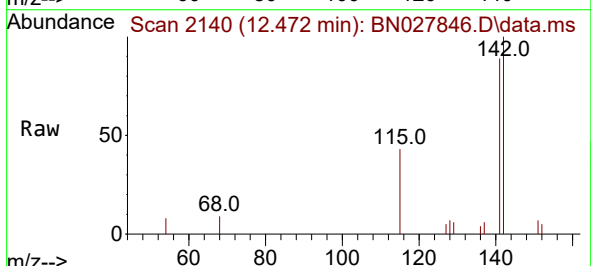
Tgt Ion:128 Resp: 415
Ion Ratio Lower Upper
128 100
129 15.2 9.3 13.9
127 15.6 10.7 16.1

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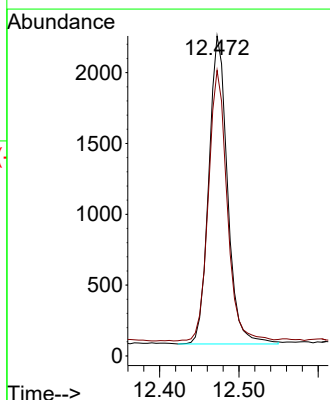
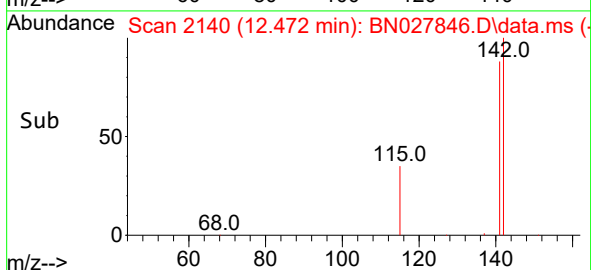
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

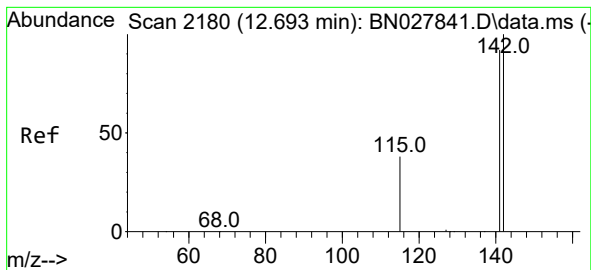


#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.472 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54



Tgt Ion:142 Resp: 3564
Ion Ratio Lower Upper
142 100
141 87.9 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.692 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BN027846.D

Acq: 23 Sep 2023 04:54

Instrument :

BNA_N

ClientSampleId :

EZYG2DL

Tgt Ion:142 Resp: 166

Ion Ratio Lower Upper

142 100

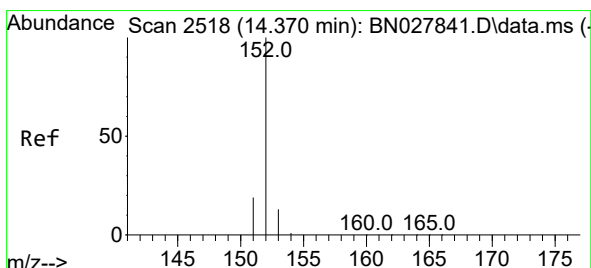
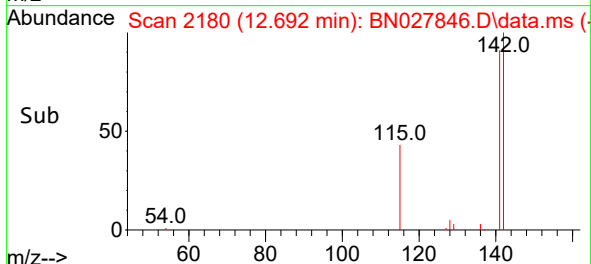
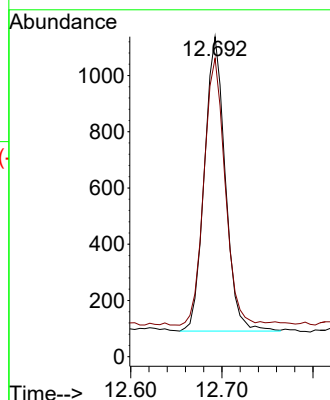
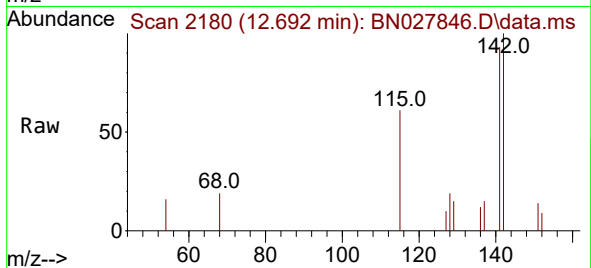
141 92.8 72.8 109.2

Manual Integrations

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#10

Acenaphthylene

Concen: 0.216 ng/ul

RT: 14.365 min Scan# 2517

Delta R.T. -0.005 min

Lab File: BN027846.D

Acq: 23 Sep 2023 04:54

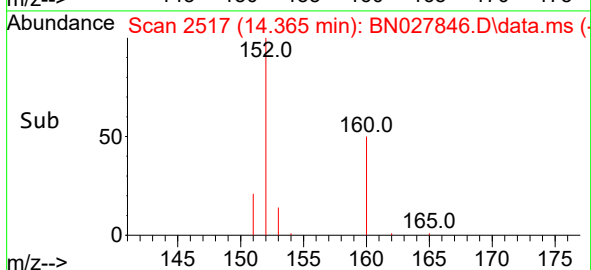
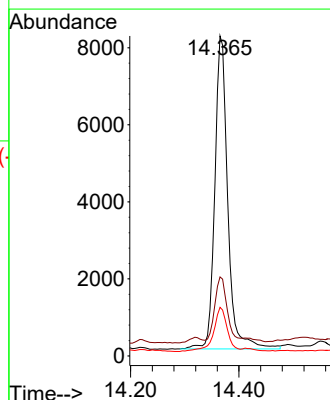
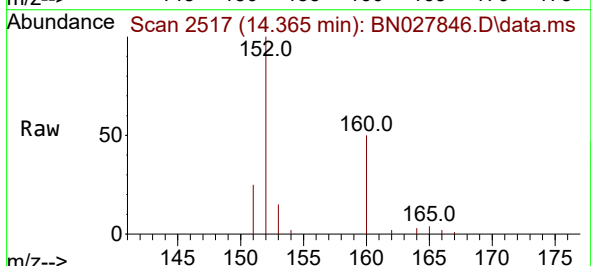
Tgt Ion:152 Resp: 13504

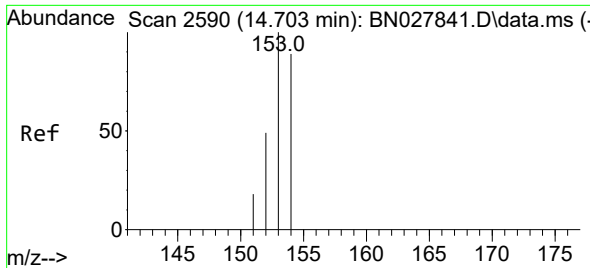
Ion Ratio Lower Upper

152 100

151 24.7 16.6 25.0

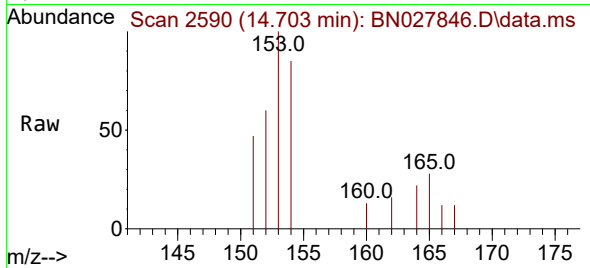
153 15.2 11.0 16.6





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.703 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

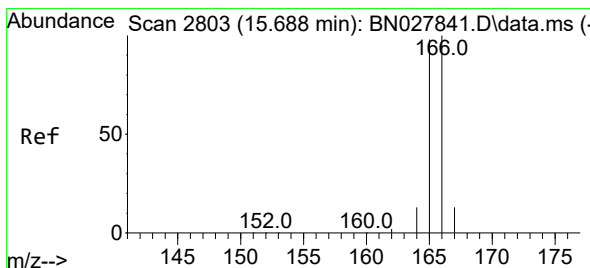
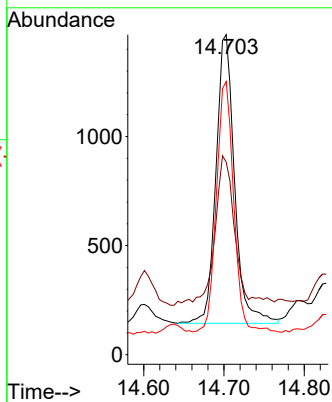
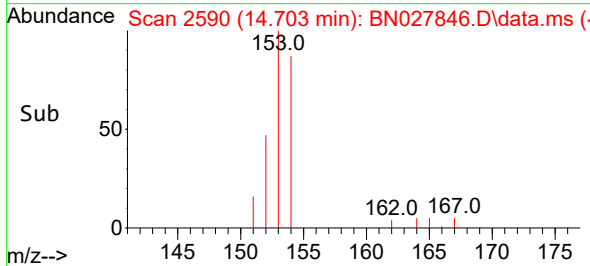
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



Tgt Ion:153 Resp: 2129
Ion Ratio Lower Upper
153 100
152 60.2 41.7 62.5
154 85.3 70.3 105.5

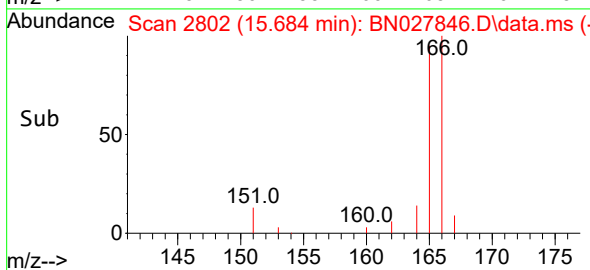
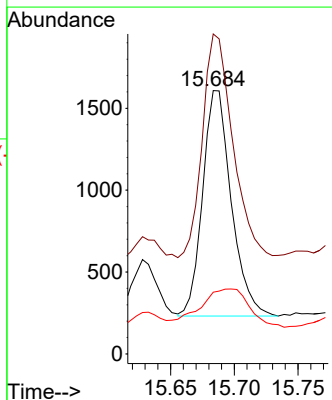
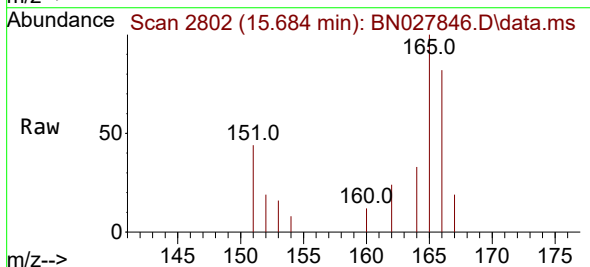
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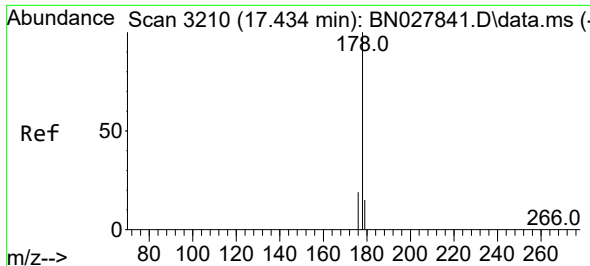
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.684 min Scan# 2802
Delta R.T. -0.005 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

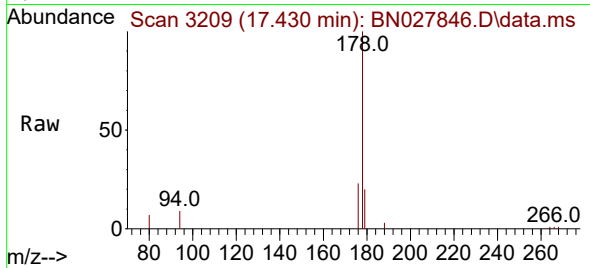
Tgt Ion:166 Resp: 2159
Ion Ratio Lower Upper
166 100
165 121.5 78.0 117.0#
167 23.4 11.4 17.2#





#15
Phenanthrene
Concen: 0.220 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

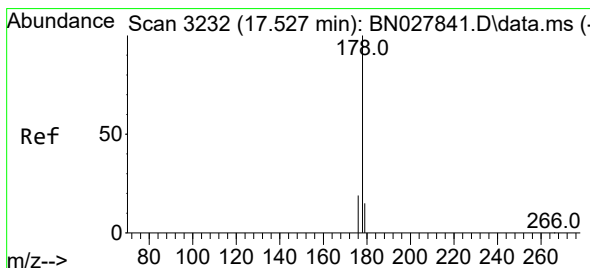
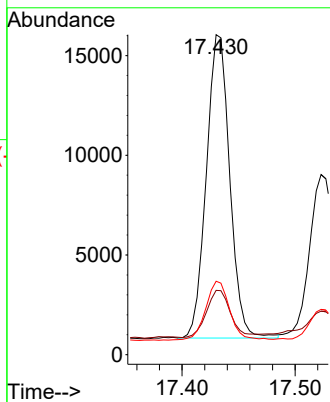
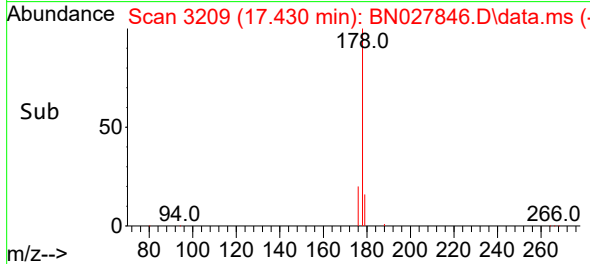
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



Tgt Ion:178 Resp: 21907
Ion Ratio Lower Upper
178 100
179 20.1 12.4 18.6
176 23.0 16.0 24.0

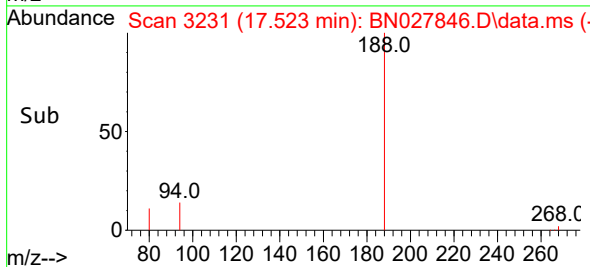
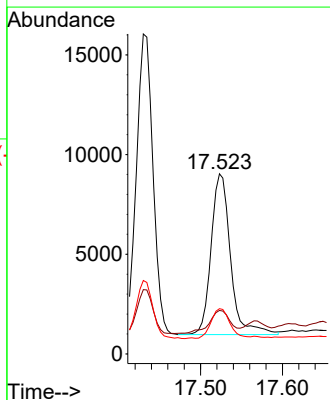
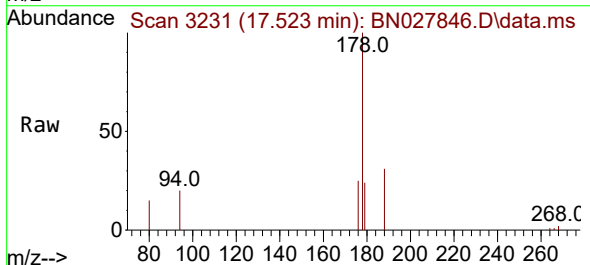
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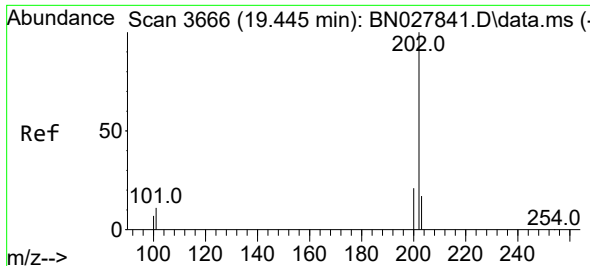
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

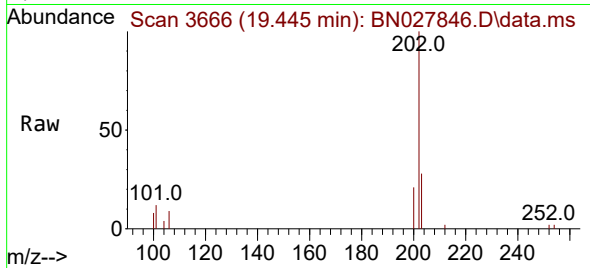
Tgt Ion:178 Resp: 13301
Ion Ratio Lower Upper
178 100
179 24.1 12.6 19.0#
176 25.1 15.5 23.3#





#19
Fluoranthene
Concen: 0.379 ng/u1
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

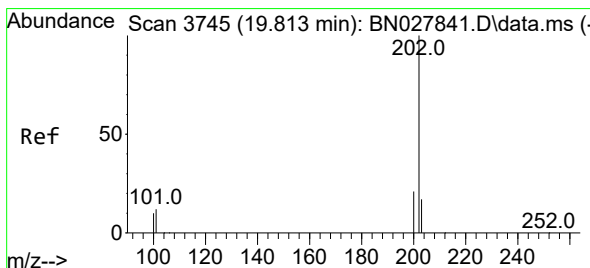
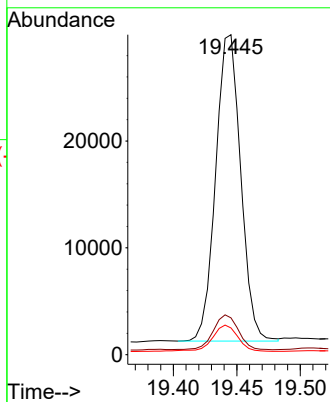
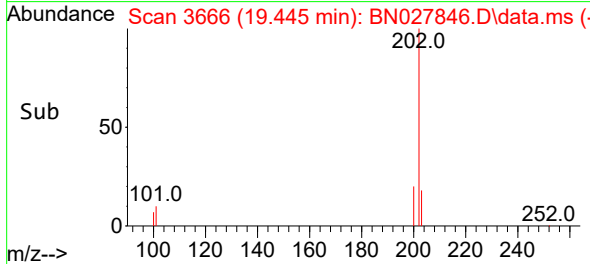
Instrument :
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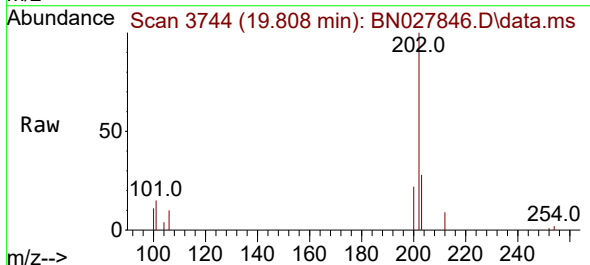
Tgt Ion:202 Resp: 39294
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 8.3 7.0 10.4

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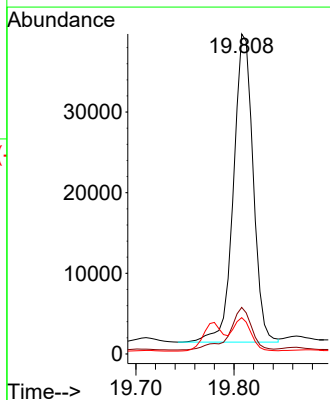
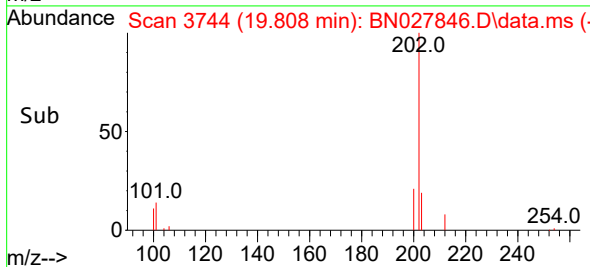
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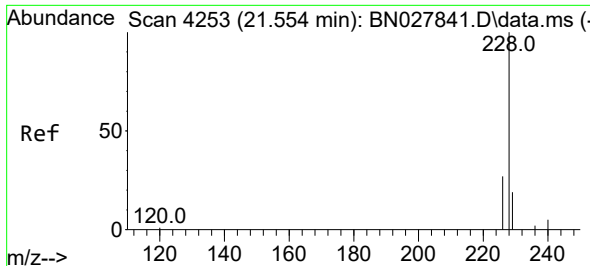


#20
Pyrene
Concen: 0.499 ng/u1
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54



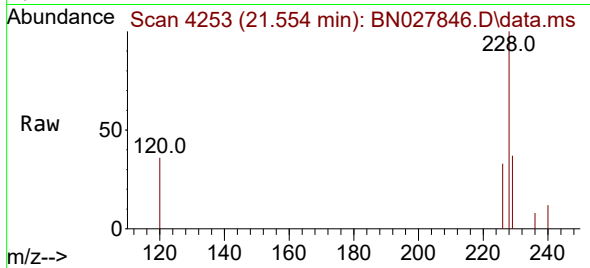
Tgt Ion:202 Resp: 53315
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

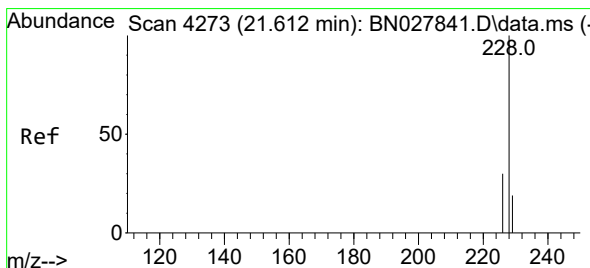
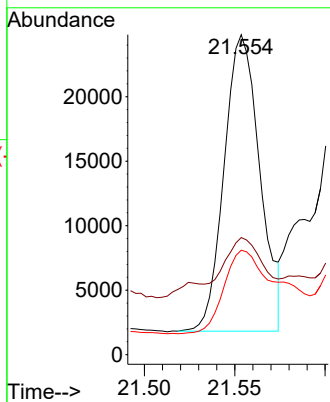
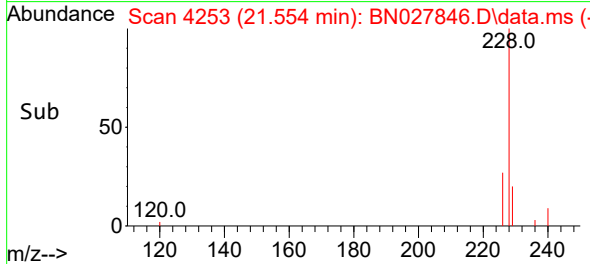
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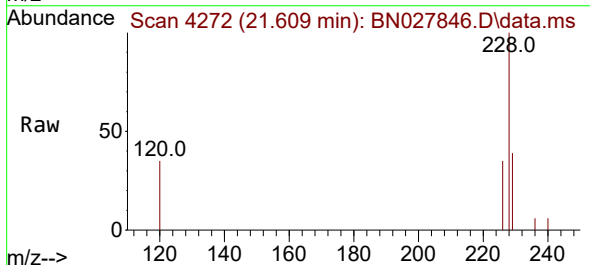
Tgt Ion:228 Resp: 31650
Ion Ratio Lower Upper
228 100
229 36.6 15.8 23.8
226 32.7 22.0 33.0

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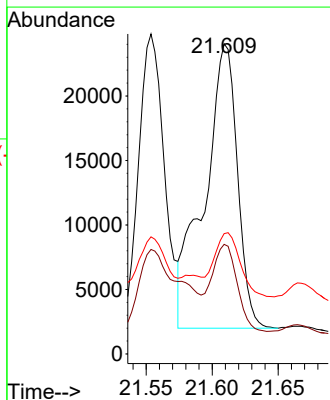
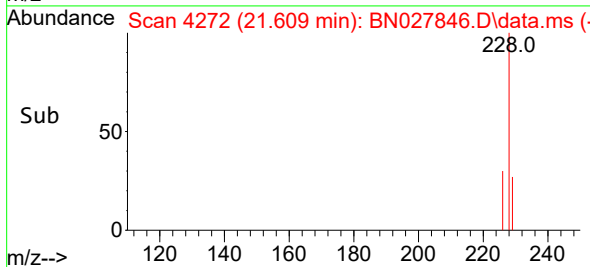
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

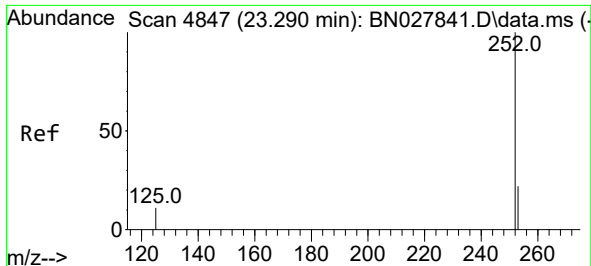


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54



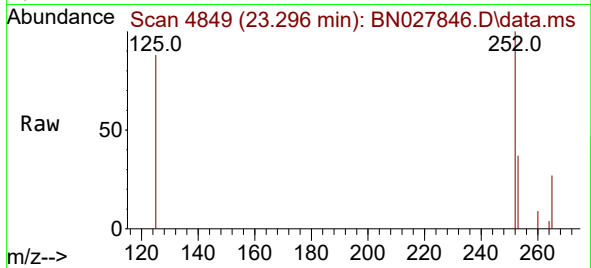
Tgt Ion:228 Resp: 38357
Ion Ratio Lower Upper
228 100
226 35.3 24.5 36.7
229 38.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul m
RT: 23.296 min Scan# 4847
Delta R.T. 0.006 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

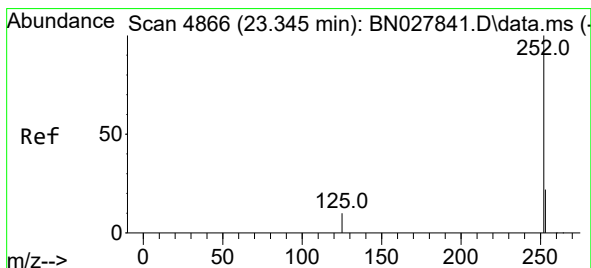
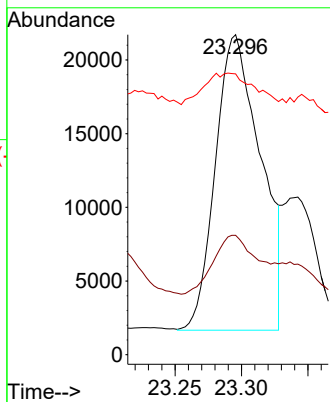
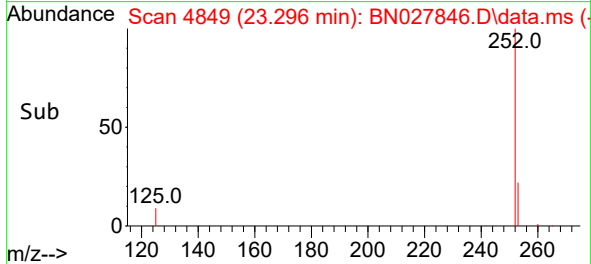
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



Tgt Ion:252 Resp: 4746
Ion Ratio Lower Upper
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253 37.3 0.0 50.2
125 87.8 0.0 31.4

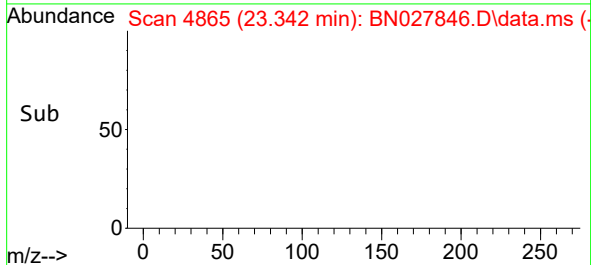
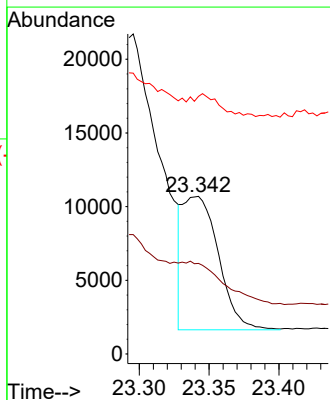
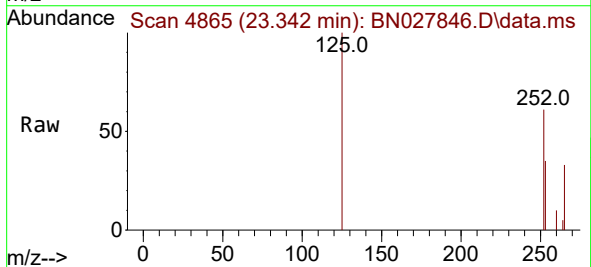
Manual Integrations
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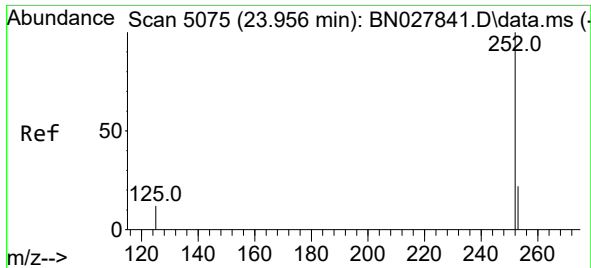
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

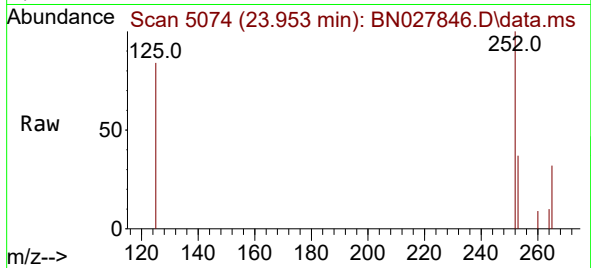
Tgt Ion:252 Resp: 16200
Ion Ratio Lower Upper
252 100
253 57.4 19.9 29.9#
125 163.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 23.953 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

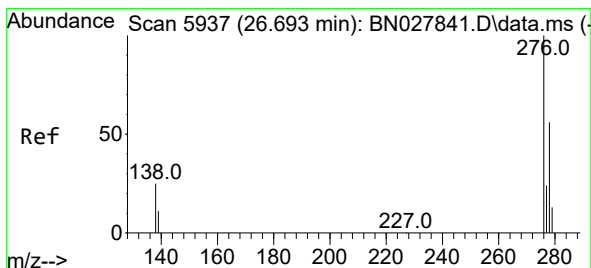
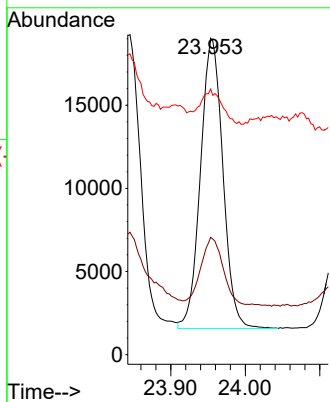
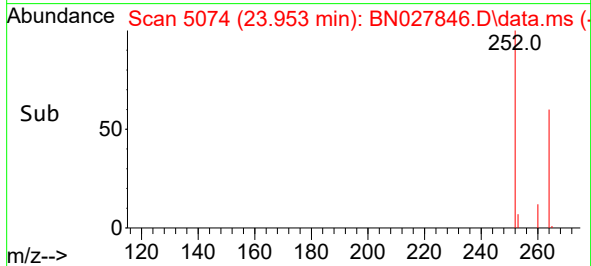
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



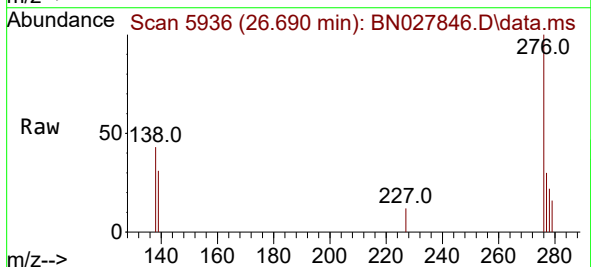
Tgt Ion:252 Resp: 36448
Ion Ratio Lower Upper
252 100
253 37.1 21.9 32.9
125 84.0 15.5 23.3

Manual Integrations
APPROVED

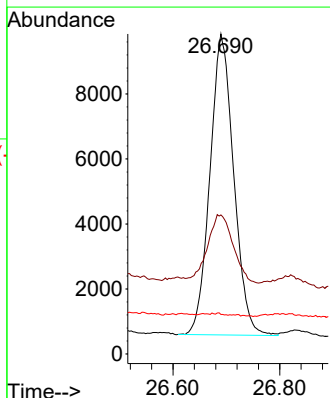
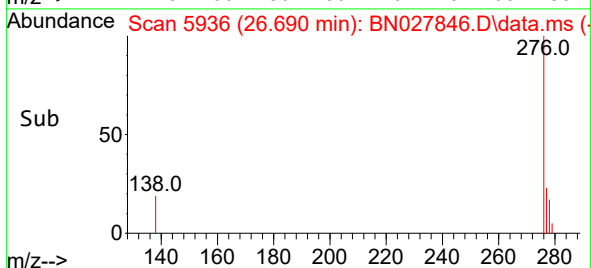
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

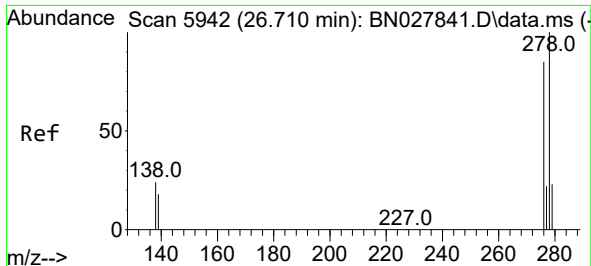


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54



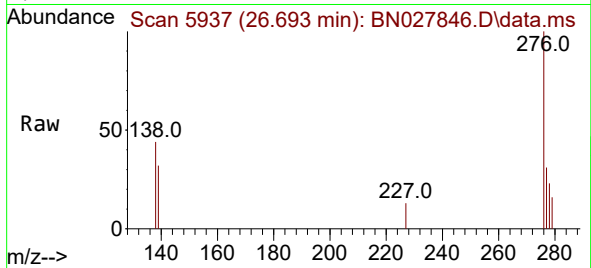
Tgt Ion:276 Resp: 28623
Ion Ratio Lower Upper
276 100
138 24.3 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.693 min Scan# 5942
Delta R.T. -0.013 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54

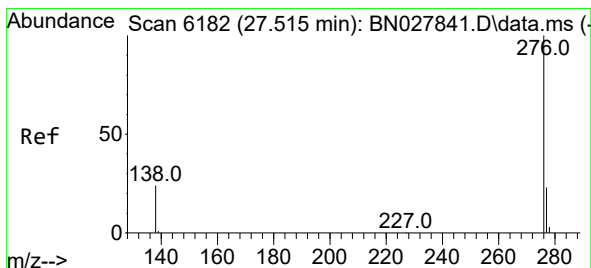
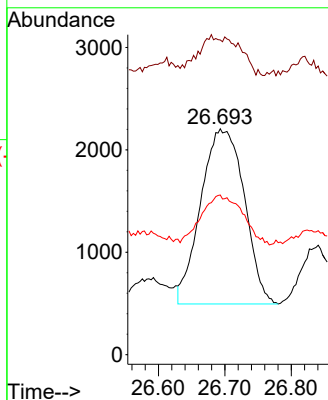
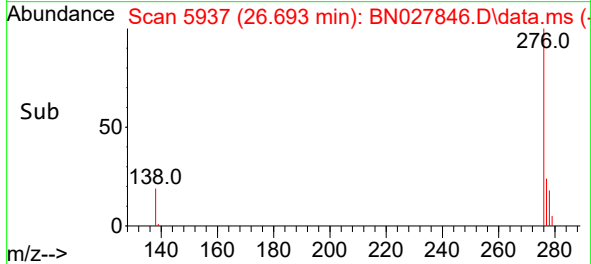
Instrument :
BNA_N
ClientSampleId :
EZYG2DL



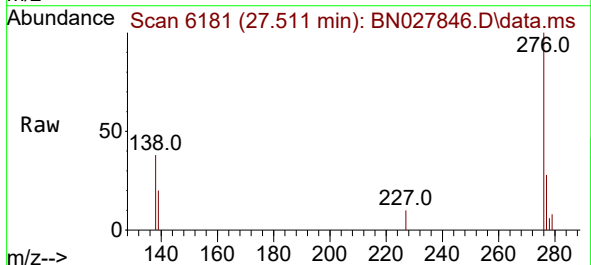
Tgt Ion:278 Resp: 778
Ion Ratio Lower Upper
278 100
139 139.3 17.2 25.8
279 70.7 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.469 ng/ul
RT: 27.511 min Scan# 6181
Delta R.T. 0.007 min
Lab File: BN027846.D
Acq: 23 Sep 2023 04:54



Tgt Ion:276 Resp: 40768
Ion Ratio Lower Upper
276 100
138 37.9 21.7 32.5
277 28.1 20.2 30.2

