

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027439.D
 Acq On : 07 Sep 2023 12:53
 Operator : MA/JU
 Sample : 04113-08DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:56:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9118	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	29534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	17114	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	37338	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	26244	0.400	ng/ul	# 0.00
23) Perylene-d12	24.138	264	26576	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	5367	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	1603	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	3481	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	6387	0.075	ng/ul#	94
7) 2-Methylnaphthalene	12.528	142	3923	0.073	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	2734	0.048	ng/ul	100
11) Acenaphthene	14.749	153	14191	0.211	ng/ul	97
12) Fluorene	15.730	166	15596	0.206	ng/ul	99
15) Phenanthrene	17.477	178	214053	1.760	ng/ul	99
16) Anthracene	17.570	178	55490	0.574	ng/ul	99
19) Fluoranthene	19.487	202	366398	3.036	ng/ul	99
20) Pyrene	19.850	202	289613m	2.357	ng/ul	
21) Benzo(a)anthracene	21.598	228	130203	1.377	ng/ul#	93
22) Chrysene	21.653	228	114430	1.037	ng/ul#	89
24) Benzo(b)fluoranthene	23.354	252	138184m	1.101	ng/ul	
25) Benzo(k)fluoranthene	23.401	252	50943m	0.415	ng/ul	
26) Benzo(a)pyrene	24.021	252	99777	1.018	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.790	276	61318	0.563	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.804	278	14979	0.180	ng/ul#	1
29) Benzo(g,h,i)perylene	27.632	276	61579	0.627	ng/ul#	84

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

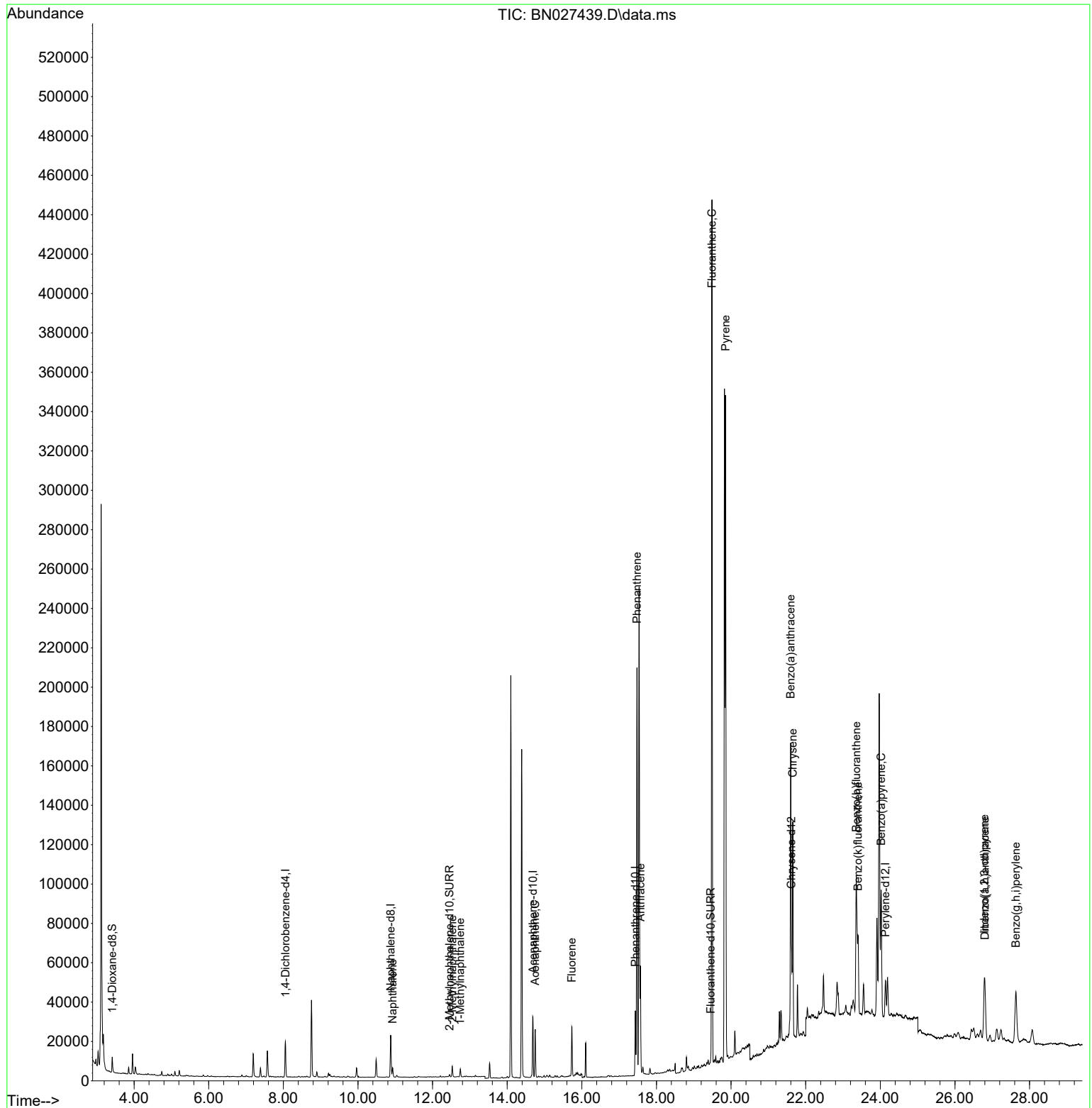
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027439.D
Acq On : 07 Sep 2023 12:53
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ALS Vial : 39 Sample Multiplier: 1

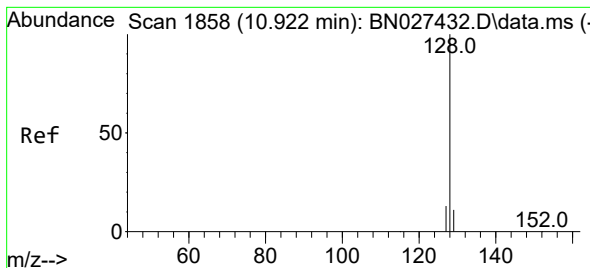
Instrument :
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ClientSampleId :
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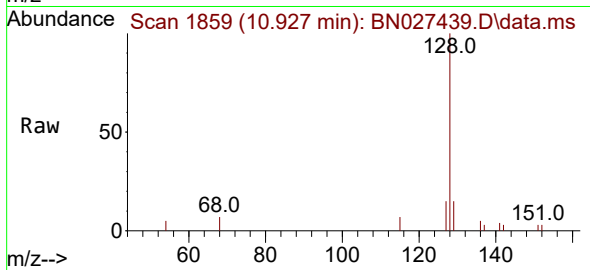
Quant Time: Sep 08 01:56:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.927 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

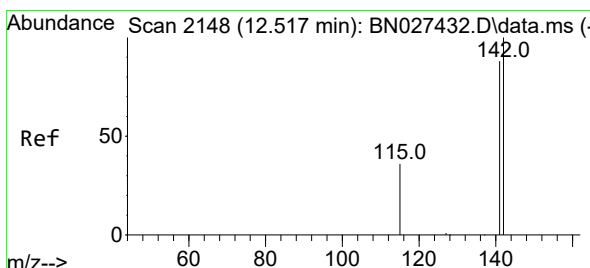
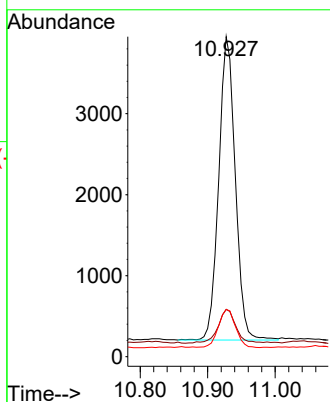
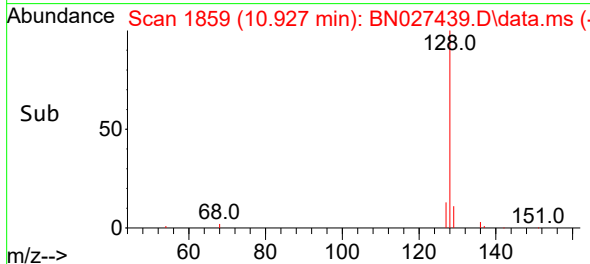
Instrument :
BNA_N
ClientSampleId :
EZYH7DL



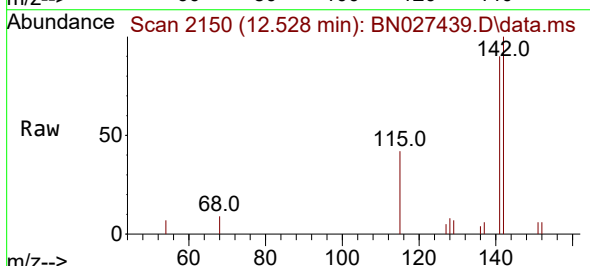
Tgt Ion:128 Resp: 6385
Ion Ratio Lower Upper
128 100
129 14.8 9.4 14.0
127 14.7 10.6 16.0

Manual Integrations
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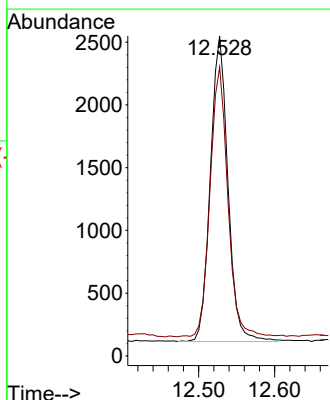
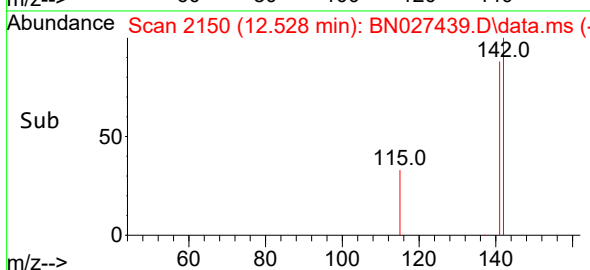
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

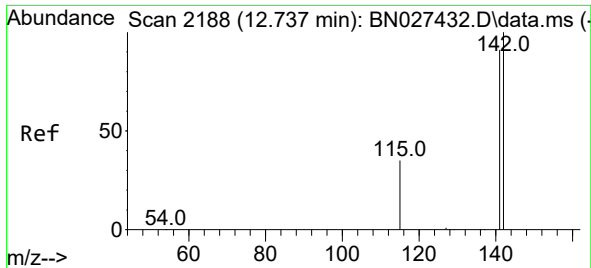


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53



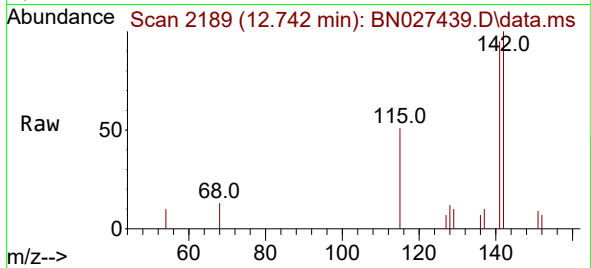
Tgt Ion:142 Resp: 3923
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.742 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

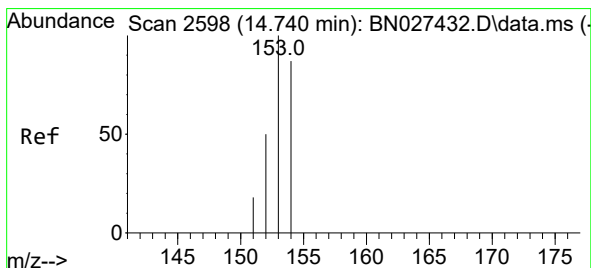
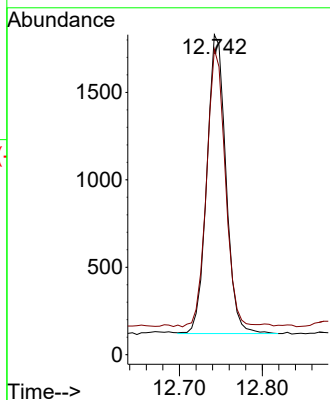
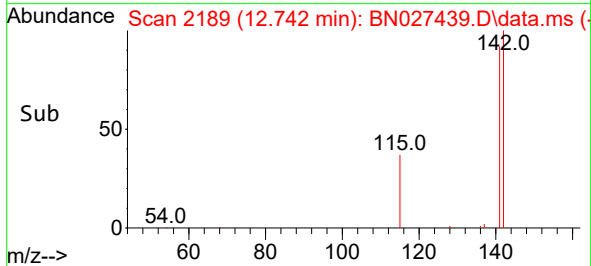
Instrument :
BNA_N
ClientSampleId :
EZYH7DL



Tgt Ion:142 Resp: 2734
Ion Ratio Lower Upper
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141 91.3 73.0 109.4

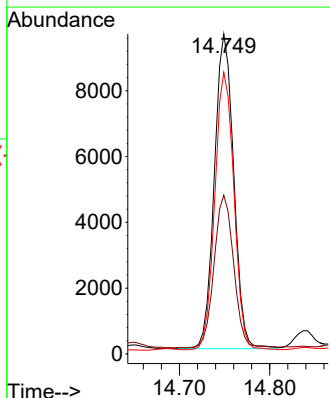
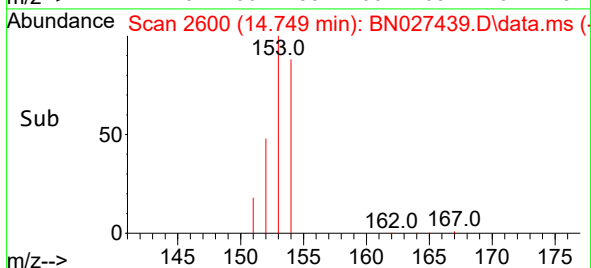
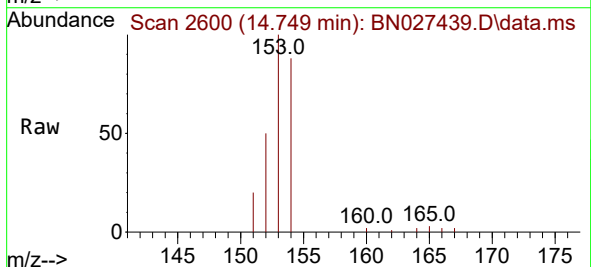
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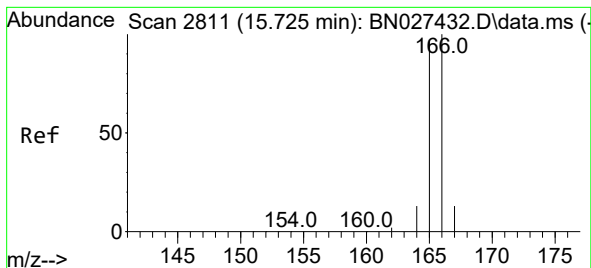
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#11
Acenaphthene
Concen: 0.211 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:153 Resp: 14191
Ion Ratio Lower Upper
153 100
152 49.6 42.9 64.3
154 88.0 69.4 104.0





#12

Fluorene

Concen: 0.206 ng/ul

RT: 15.730 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

Instrument :

BNA_N

ClientSampleId :

EZYH7DL

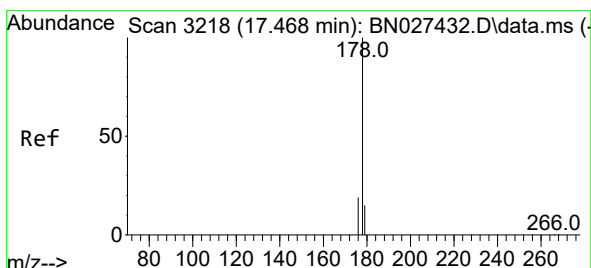
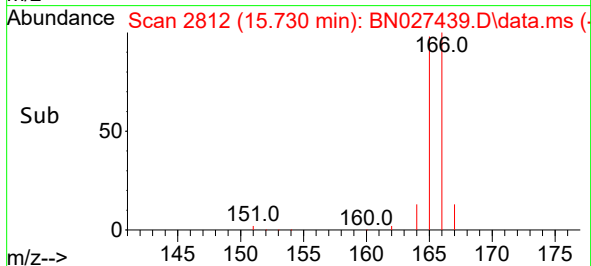
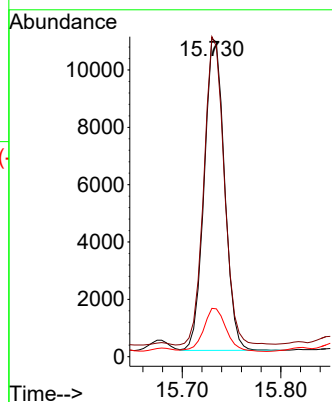
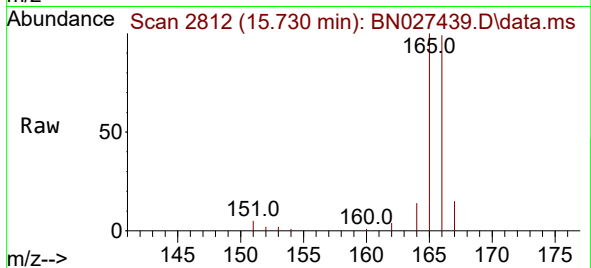
Tgt Ion:166	Resp:	15590
Ion Ratio	Lower	Upper
166	100	
165	100.5	79.6 119.4
167	15.2	11.4 17.0

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Supervised By :mohammad ahmed 09/09/2023



#15

Phenanthrene

Concen: 1.760 ng/ul

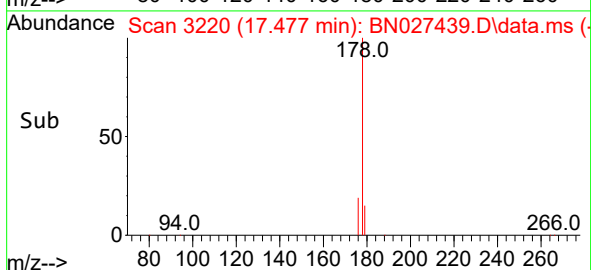
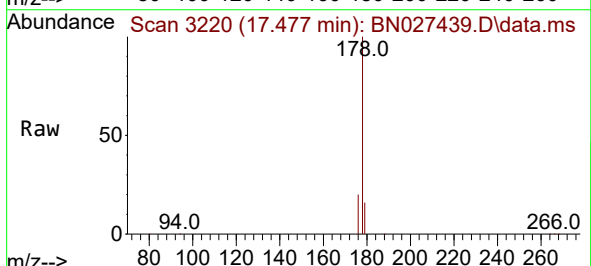
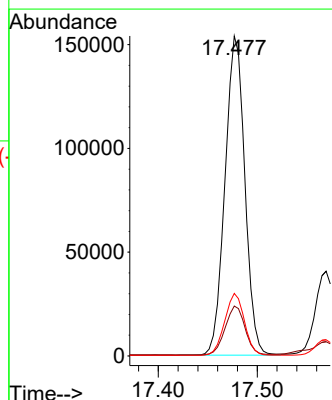
RT: 17.477 min Scan# 3220

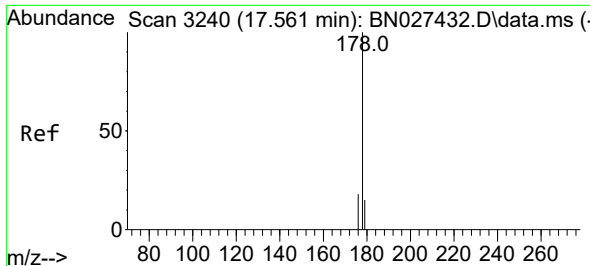
Delta R.T. -0.004 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

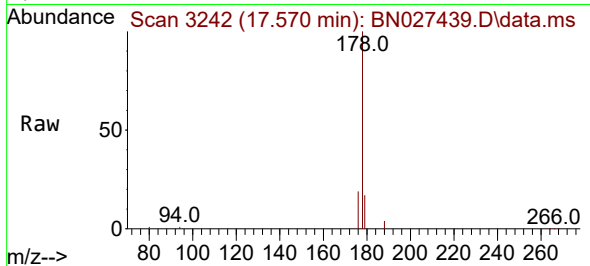
Tgt Ion:178	Resp:	214053
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	19.5	15.8 23.8





#16
 Anthracene
 Concen: 0.574 ng/ul
 RT: 17.570 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027439.D
 Acq: 07 Sep 2023 12:53

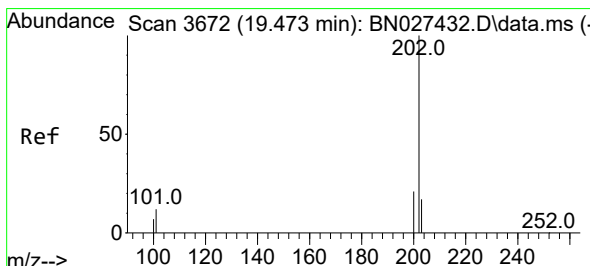
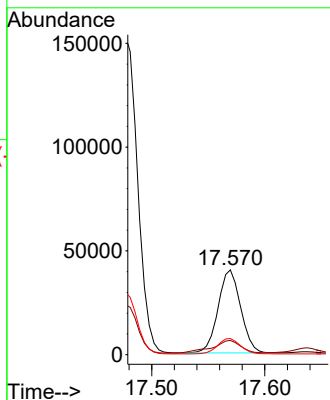
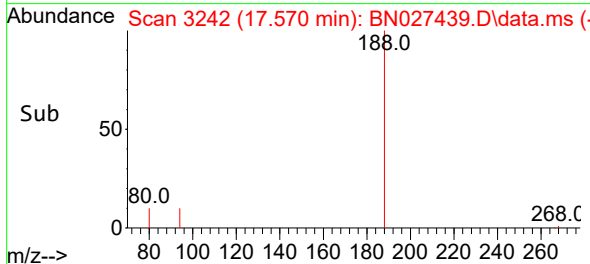
Instrument :
 BNA_N
 ClientSampleId :
 EZYH7DL



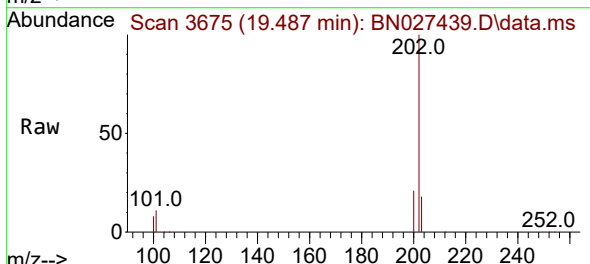
Tgt Ion:178 Resp: 55490
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.0 19.6
 176 19.1 15.6 23.4

Manual Integrations
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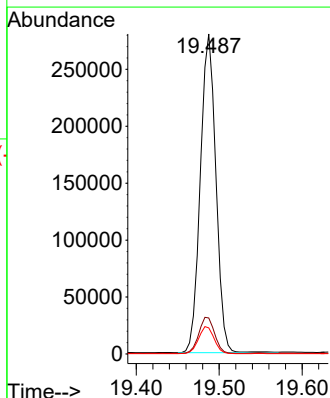
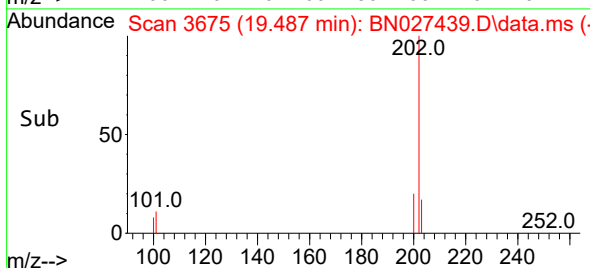
Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

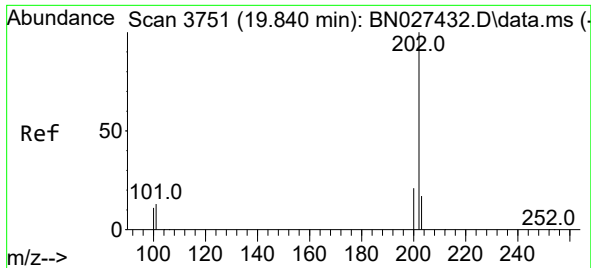


#19
 Fluoranthene
 Concen: 3.036 ng/ul
 RT: 19.487 min Scan# 3675
 Delta R.T. 0.000 min
 Lab File: BN027439.D
 Acq: 07 Sep 2023 12:53



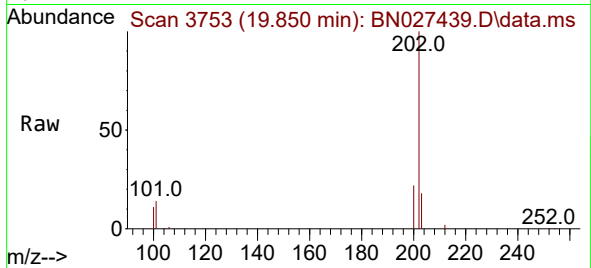
Tgt Ion:202 Resp: 366398
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.4 14.0
 100 8.2 6.9 10.3





#20
Pyrene
Concen: 2.357 ng/ul m
RT: 19.850 min Scan# 3751
Delta R.T. 0.000 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

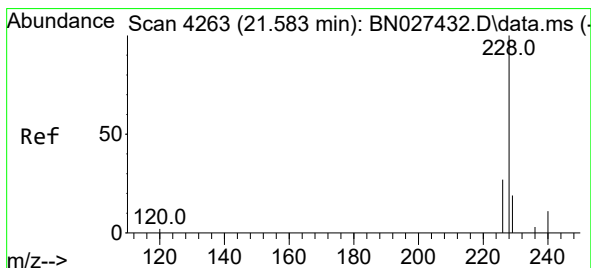
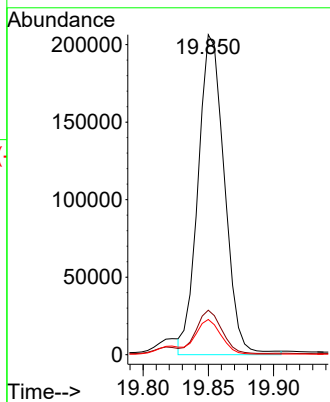
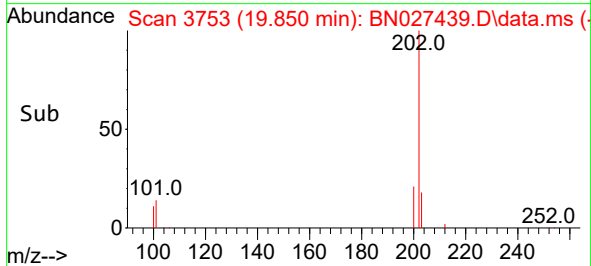
Instrument :
BNA_N
ClientSampleId :
EZYH7DL



Tgt Ion:202 Resp: 28961
Ion Ratio Lower Upper
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101 13.9 11.4 17.2
100 11.0 9.4 14.2

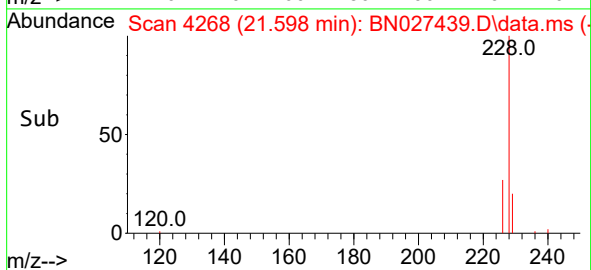
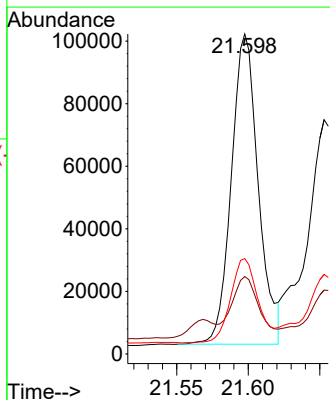
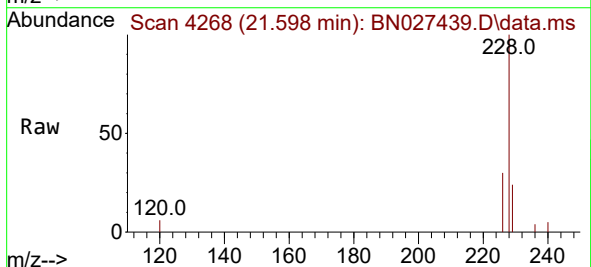
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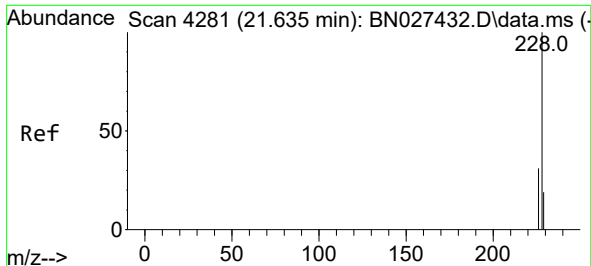
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#21
Benzo(a)anthracene
Concen: 1.377 ng/ul
RT: 21.598 min Scan# 4268
Delta R.T. 0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:228 Resp: 130203
Ion Ratio Lower Upper
228 100
229 24.2 15.7 23.5#
226 29.8 22.0 33.0





#22

Chrysene

Concen: 1.037 ng/ul

RT: 21.653 min Scan# 4281

Delta R.T. 0.006 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

Instrument :

BNA_N

ClientSampleId :

EZYH7DL

Tgt Ion:228 Resp: 114430

Ion Ratio Lower Upper

228 100

226 34.0 24.4 36.6

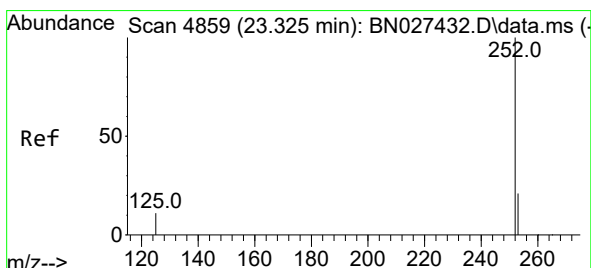
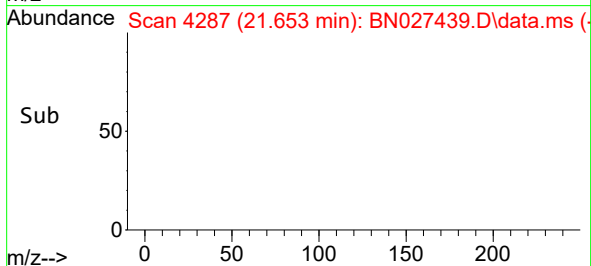
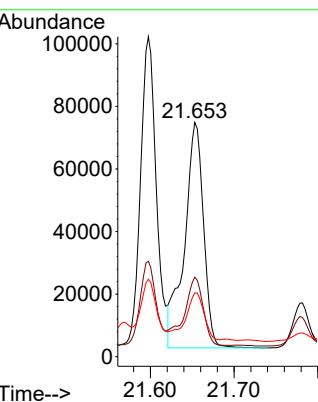
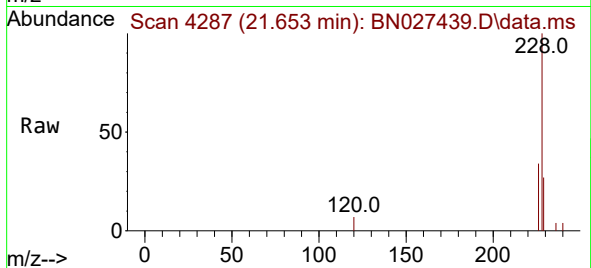
229 27.3 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/08/2023

Supervised By :mohammad ahmed 09/09/2023



#24

Benzo(b)fluoranthene

Concen: 1.101 ng/ul m

RT: 23.354 min Scan# 4869

Delta R.T. 0.009 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

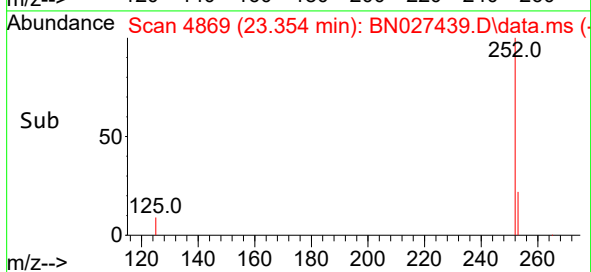
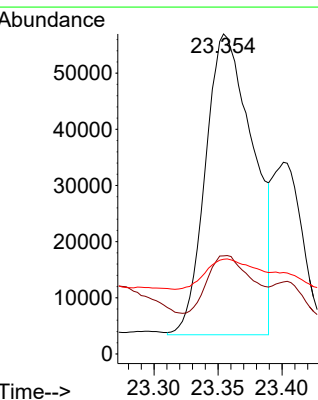
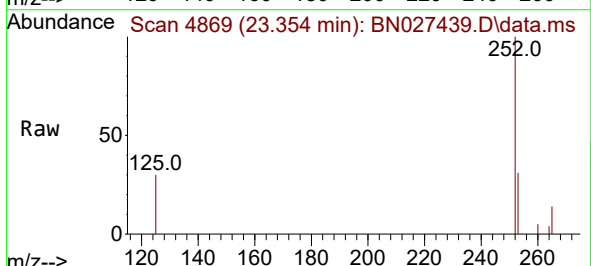
Tgt Ion:252 Resp: 138184

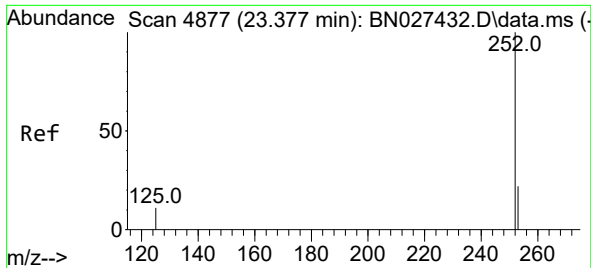
Ion Ratio Lower Upper

252 100

253 30.7 0.0 49.6

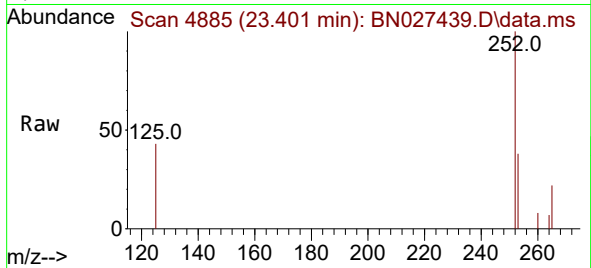
125 29.6 0.0 33.8





#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. 0.003 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

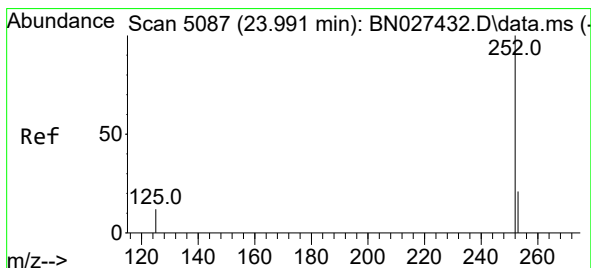
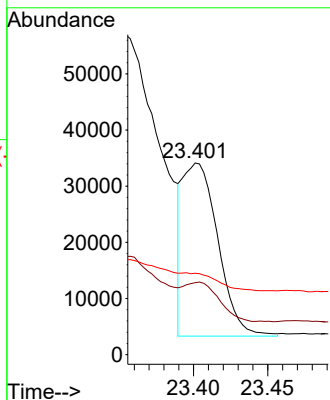
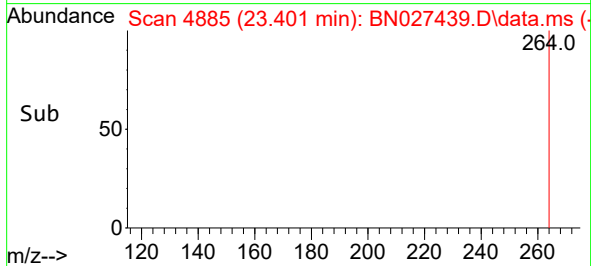
Instrument :
BNA_N
ClientSampleId :
EZYH7DL



Tgt Ion:252 Resp: 5094
Ion Ratio Lower Upper
252 100
253 37.6 19.9 29.9
125 42.5 13.6 20.4

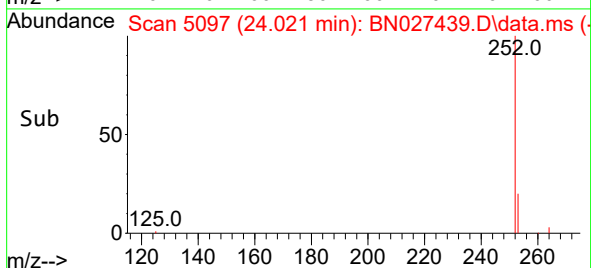
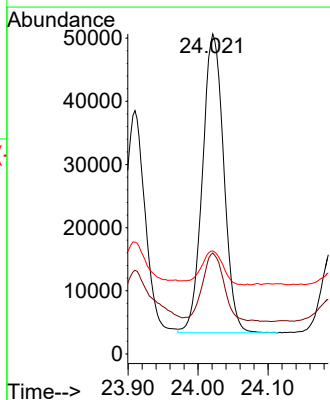
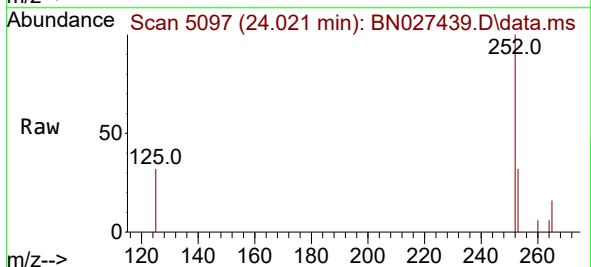
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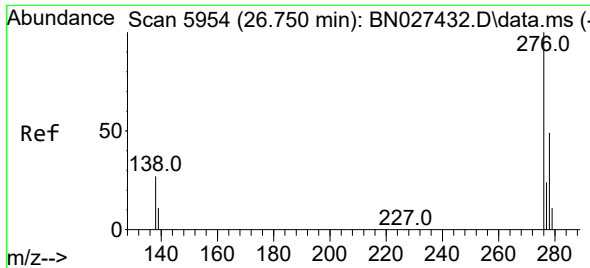
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#26
Benzo(a)pyrene
Concen: 1.018 ng/ul
RT: 24.021 min Scan# 5097
Delta R.T. 0.003 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

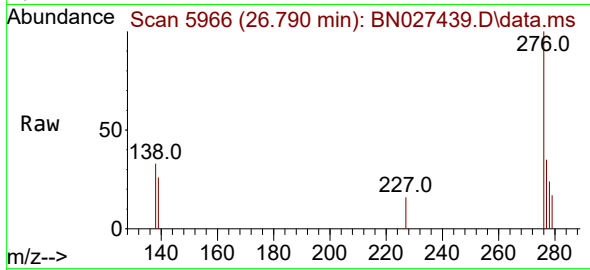
Tgt Ion:252 Resp: 99777
Ion Ratio Lower Upper
252 100
253 31.6 22.4 33.6
125 32.2 17.4 26.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.563 ng/ul
RT: 26.790 min Scan# 5966
Delta R.T. -0.010 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

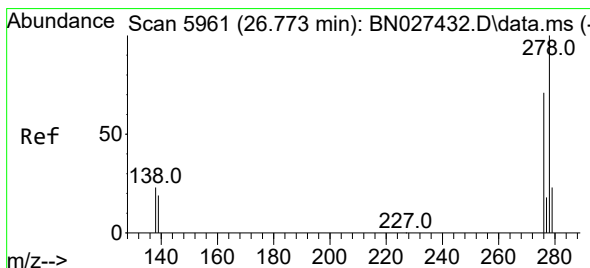
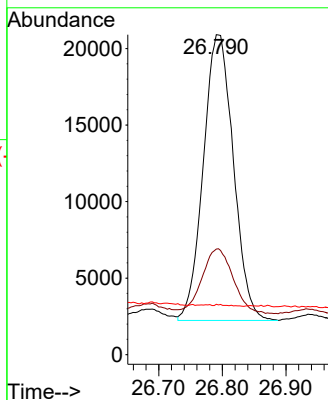
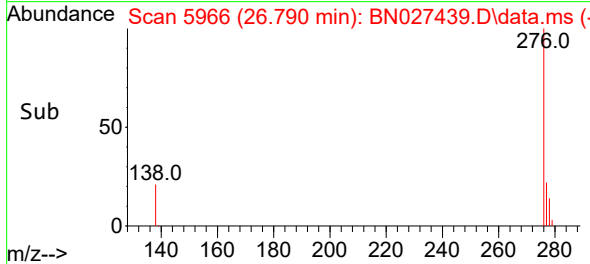
Instrument :
BNA_N
ClientSampleId :
EZYH7DL



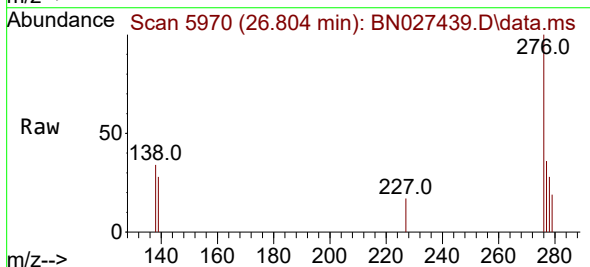
Tgt Ion:276 Resp: 61318
Ion Ratio Lower Upper
276 100
138 23.6 23.9 35.9#
227 0.3 0.1 0.1#

Manual Integrations
APPROVED

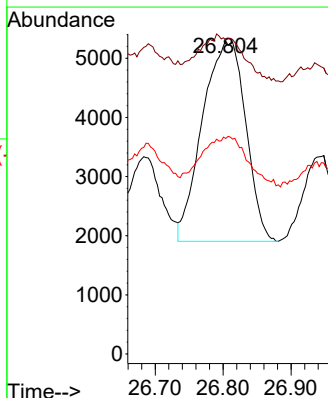
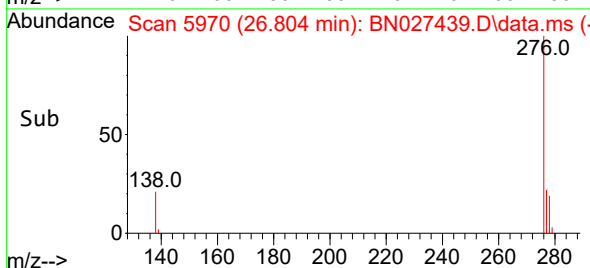
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

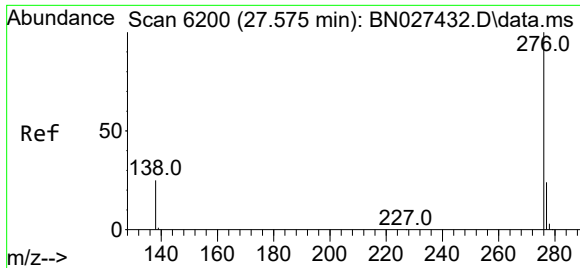


#28
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 26.804 min Scan# 5970
Delta R.T. -0.030 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53



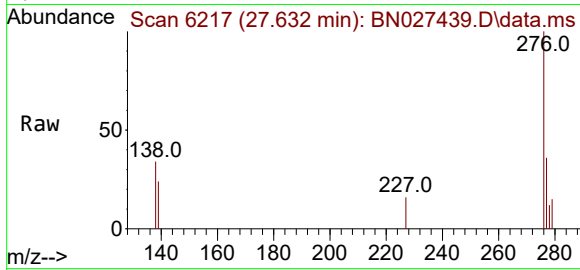
Tgt Ion:278 Resp: 14979
Ion Ratio Lower Upper
278 100
139 100.3 18.0 27.0#
279 68.9 22.7 34.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.627 ng/ul
 RT: 27.632 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: BN027439.D
 Acq: 07 Sep 2023 12:53

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7DL



Tgt Ion: 276 Resp: 61579

Ion	Ratio	Lower	Upper
276	100		
138	33.9	22.1	33.1
277	35.5	20.2	30.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

