

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027436.D
 Acq On : 07 Sep 2023 10:29
 Operator : MA/JU
 Sample : 04113-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 01:55:53 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	6511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	22266	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	13676	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	29124	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.612	240	19212	0.400	ng/ul	# 0.00
23) Perylene-d12	24.138	264	18698	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	20658	2.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6512	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	13670	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	26064	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	15943	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	10985	0.255	ng/ul	99
10) Acenaphthylene	14.416	152	5296	0.085	ng/ul#	67
11) Acenaphthene	14.749	153	58990	1.095	ng/ul	96
12) Fluorene	15.730	166	65062	1.078	ng/ul	99
15) Phenanthrene	17.477	178	871429	9.185	ng/ul	99
16) Anthracene	17.569	178	233109	3.091	ng/ul	99
19) Fluoranthene	19.487	202	1423829	16.116	ng/ul	99
20) Pyrene	19.850	202	1100226m	12.231	ng/ul	
21) Benzo(a)anthracene	21.595	228	490691	7.090	ng/ul	96
22) Chrysene	21.653	228	436909	5.408	ng/ul#	93
24) Benzo(b)fluoranthene	23.354	252	525576m	5.952	ng/ul	
25) Benzo(k)fluoranthene	23.401	252	199903m	2.315	ng/ul	
26) Benzo(a)pyrene	24.024	252	384670	5.578	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.797	276	241529	3.153	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.814	278	58481	0.999	ng/ul#	27
29) Benzo(g,h,i)perylene	27.639	276	244543	3.537	ng/ul#	93

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

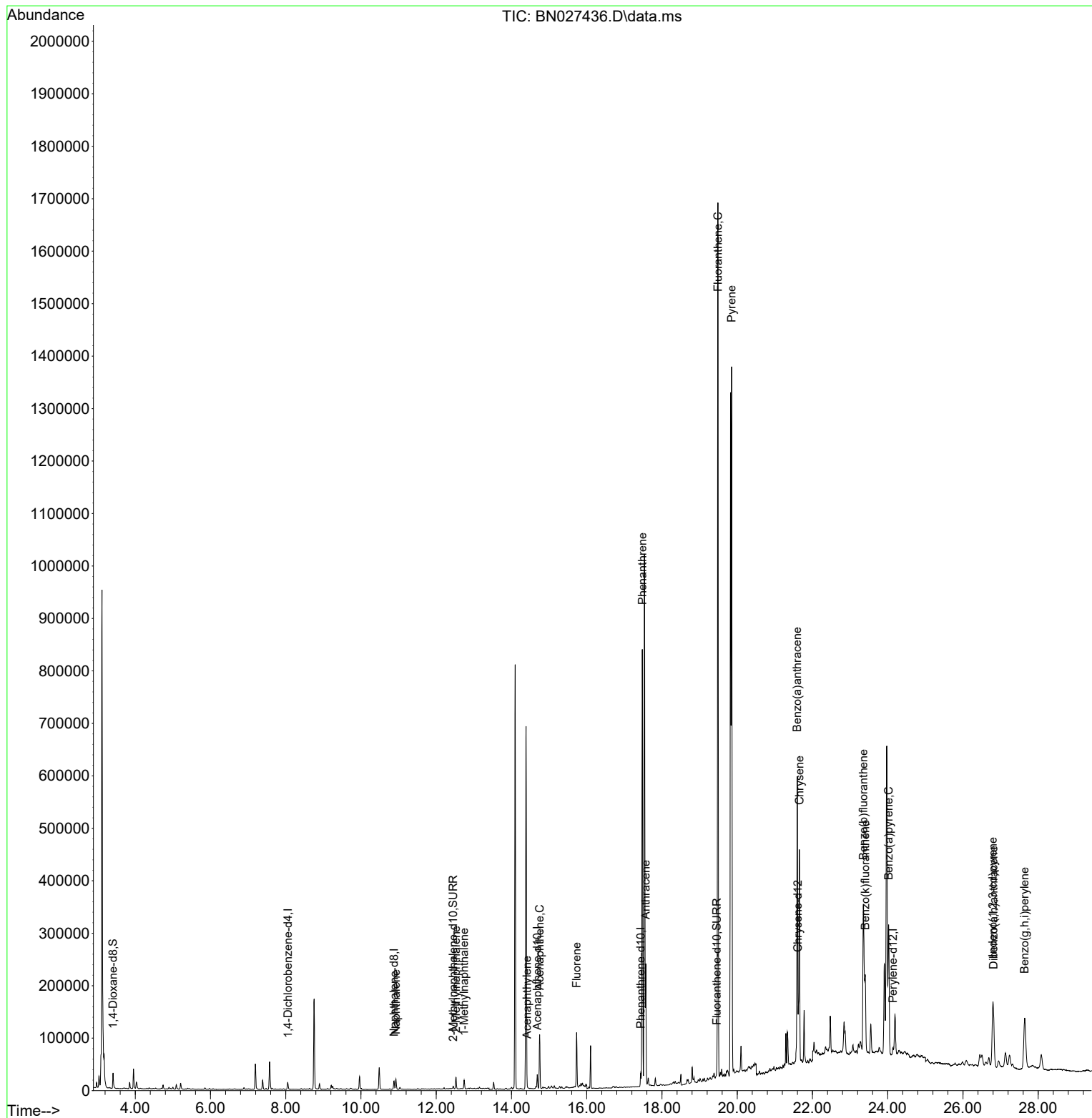
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027436.D
Acq On : 07 Sep 2023 10:29
Operator : MA/JU
Sample : 04113-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

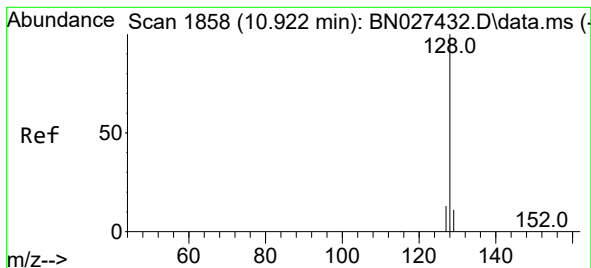
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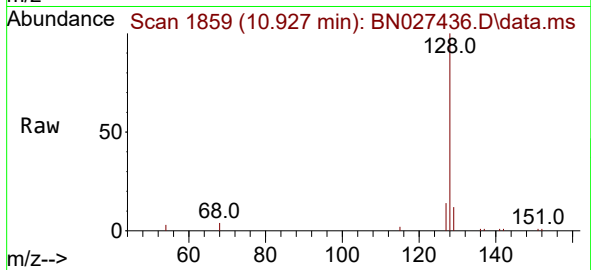
Quant Time: Sep 08 01:55:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

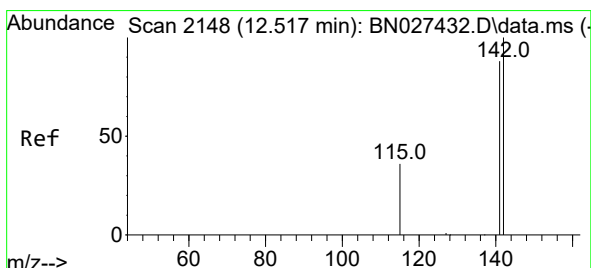
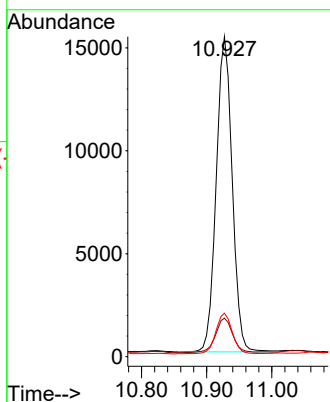
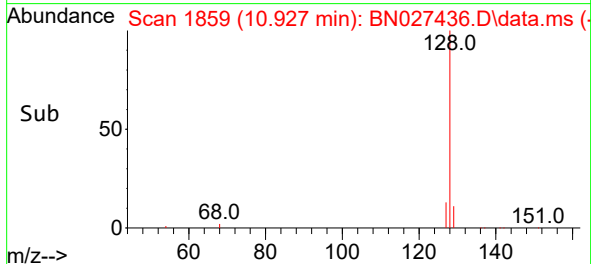
Instrument :
BNA_N
ClientSampleId :
EZYH7



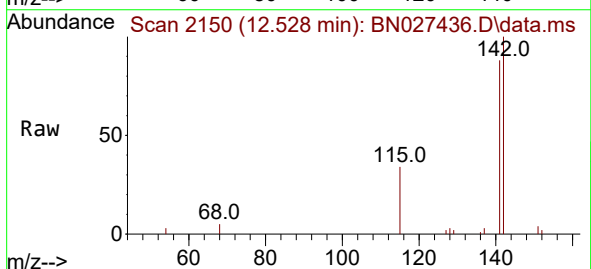
Tgt Ion:128 Resp: 26064
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.6 10.6 16.0

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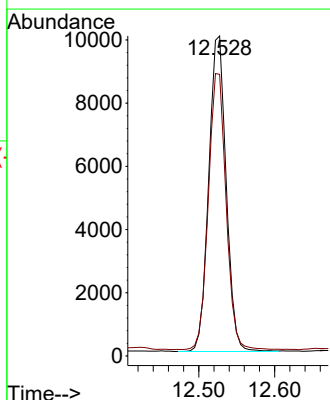
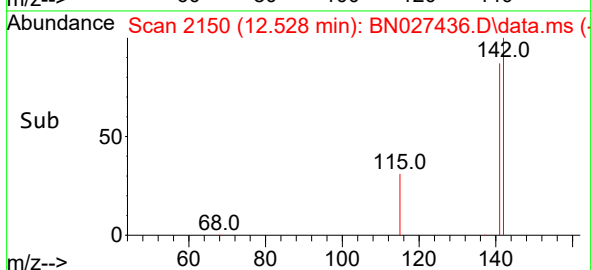
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

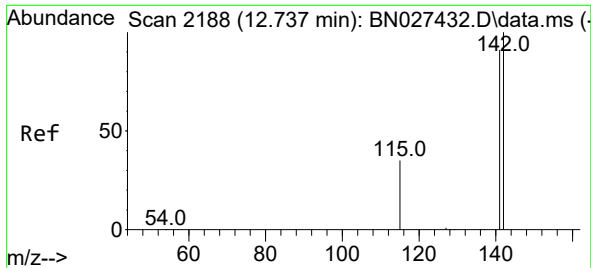


#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29



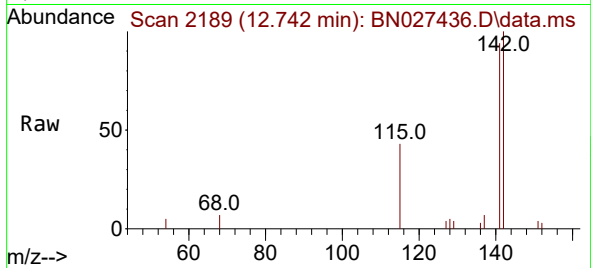
Tgt Ion:142 Resp: 15943
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4





#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.742 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

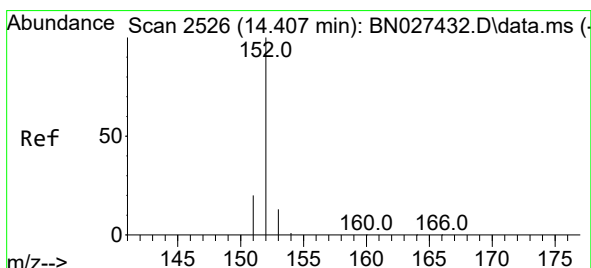
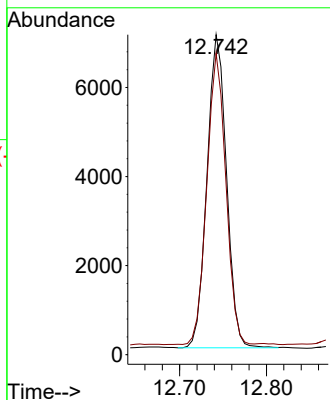
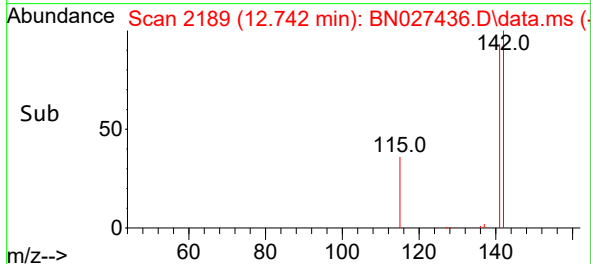
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 10985
Ion Ratio Lower Upper
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141 90.7 73.0 109.4

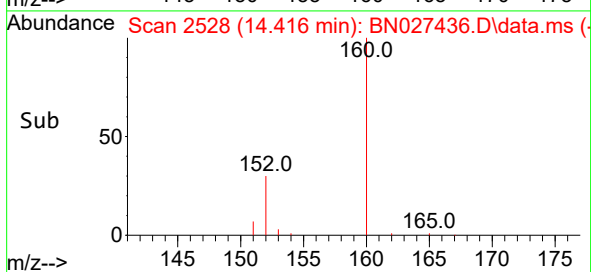
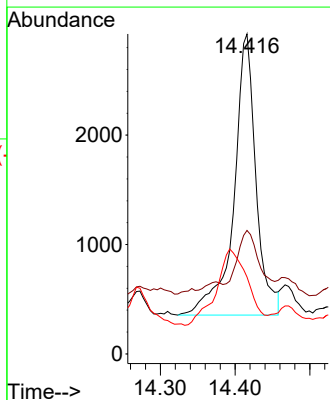
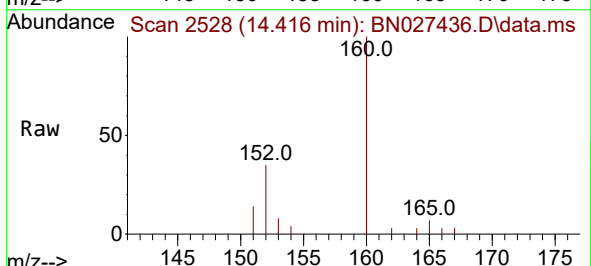
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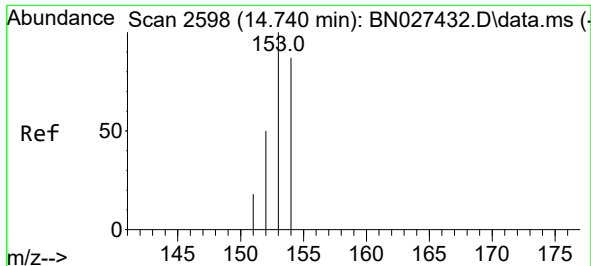
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

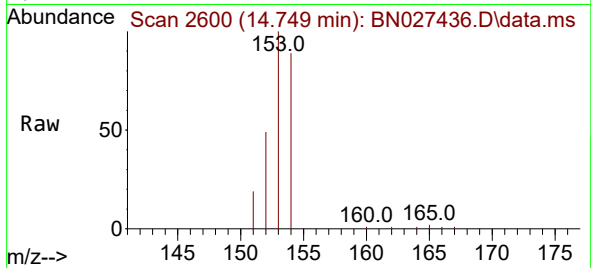
Tgt Ion:152 Resp: 5296
Ion Ratio Lower Upper
152 100
151 38.6 16.3 24.5#
153 24.0 11.1 16.7#





#11
Acenaphthene
Concen: 1.095 ng/ul
RT: 14.749 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

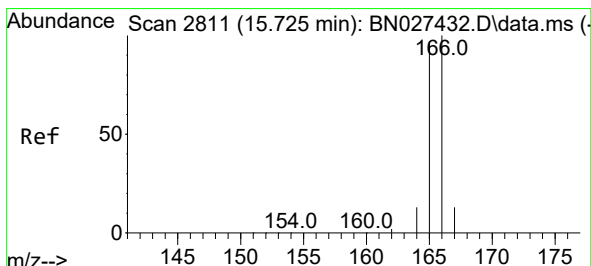
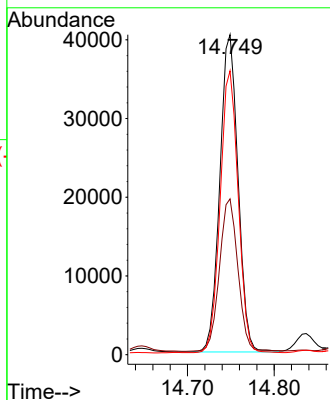
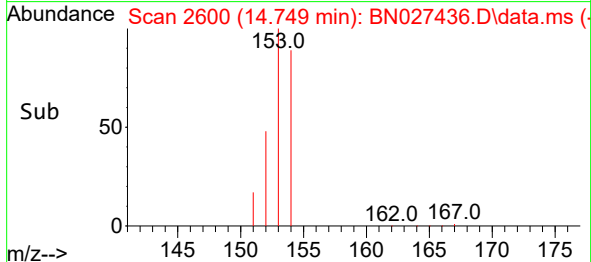
Instrument :
BNA_N
ClientSampleId :
EZYH7



Tgt Ion:153 Resp: 58990
Ion Ratio Lower Upper
153 100
152 48.7 42.9 64.3
154 88.7 69.4 104.0

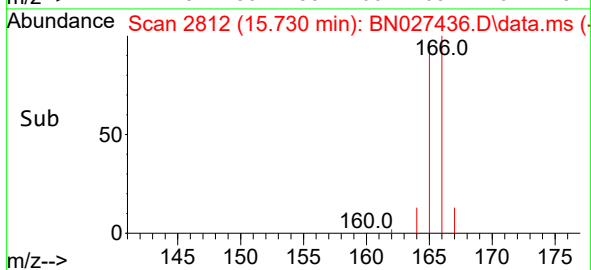
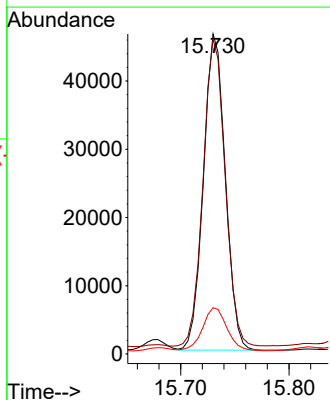
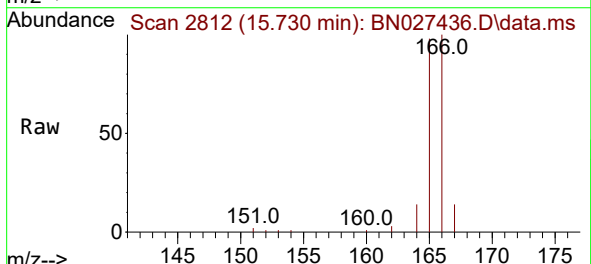
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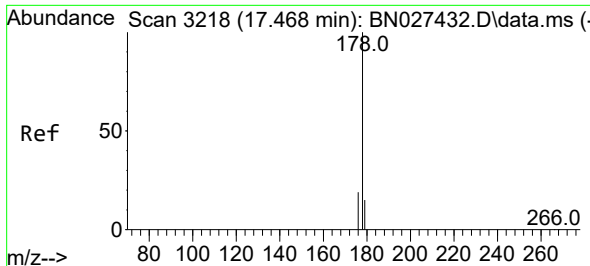
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#12
Fluorene
Concen: 1.078 ng/ul
RT: 15.730 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

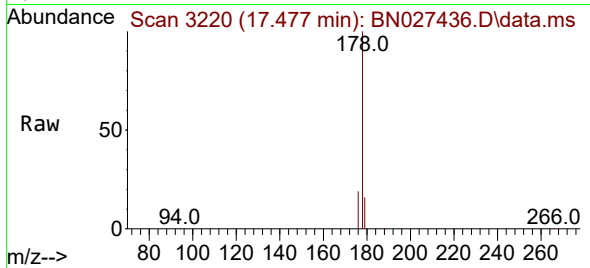
Tgt Ion:166 Resp: 65062
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 14.5 11.4 17.0





#15
Phenanthrene
Concen: 9.185 ng/u1
RT: 17.477 min Scan# 3218
Delta R.T. -0.004 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

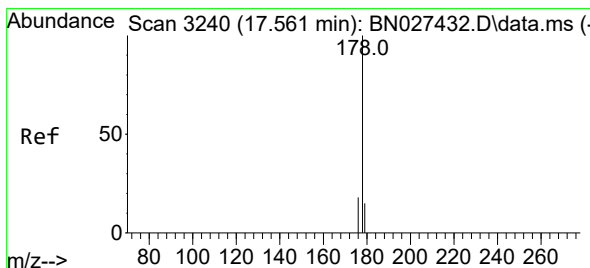
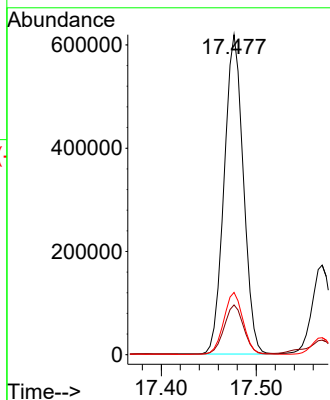
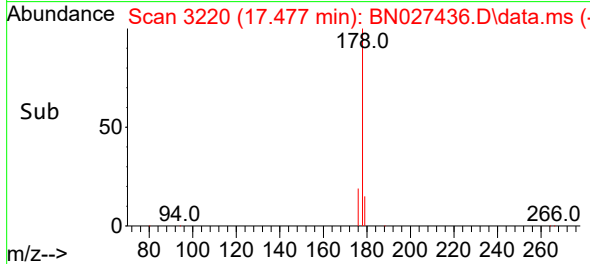
Instrument :
BNA_N
ClientSampleId :
EZYH7



Tgt Ion:178 Resp: 871429
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.8

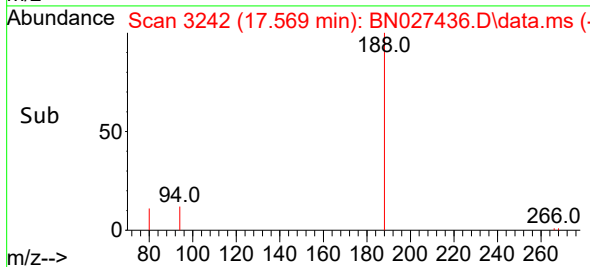
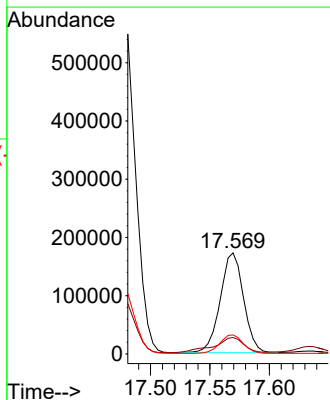
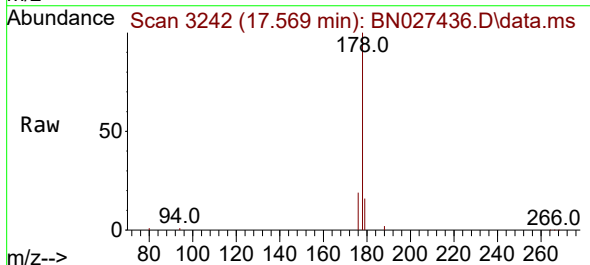
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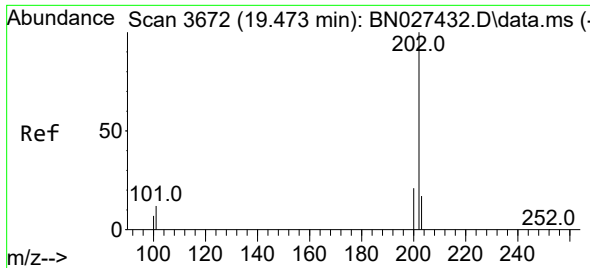
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#16
Anthracene
Concen: 3.091 ng/u1
RT: 17.569 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

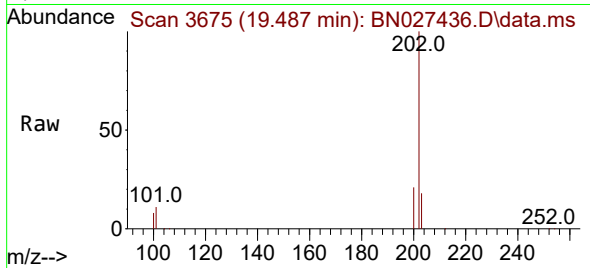
Tgt Ion:178 Resp: 233109
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 16.116 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

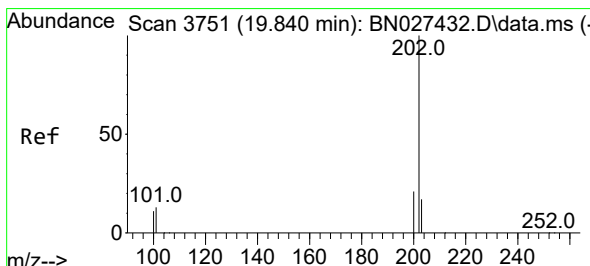
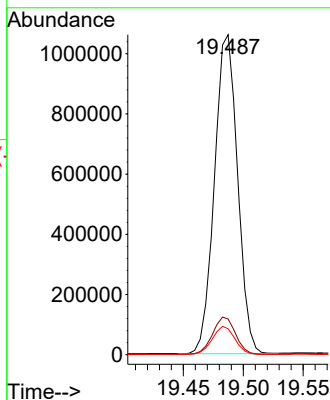
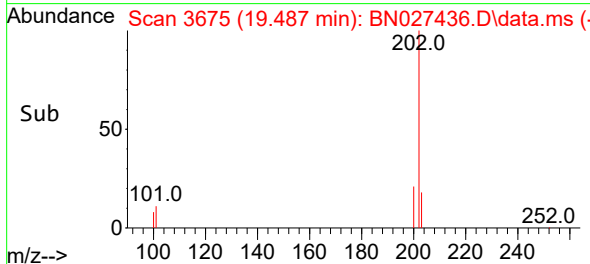
Instrument :
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ClientSampleId :
EZYH7



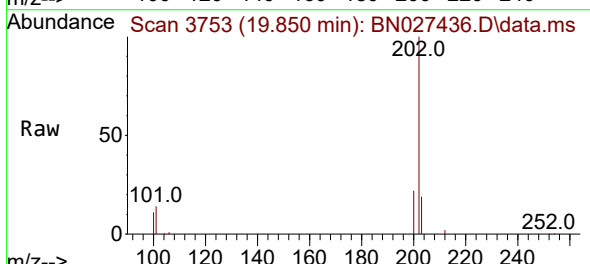
Tgt Ion:202 Resp: 1423829
Ion Ratio Lower Upper
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101 11.2 9.4 14.0
100 8.1 6.9 10.3

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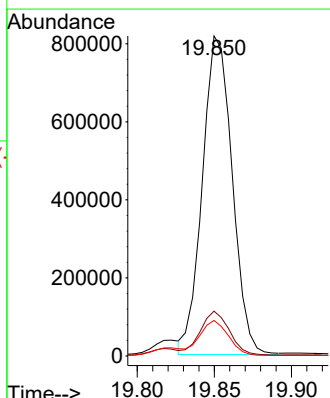
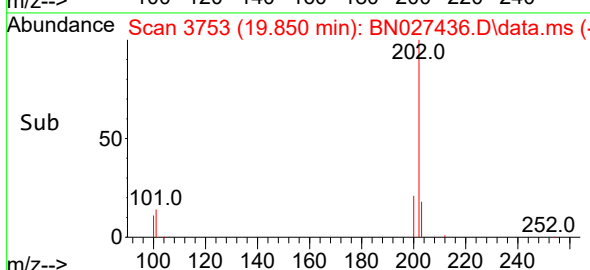
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

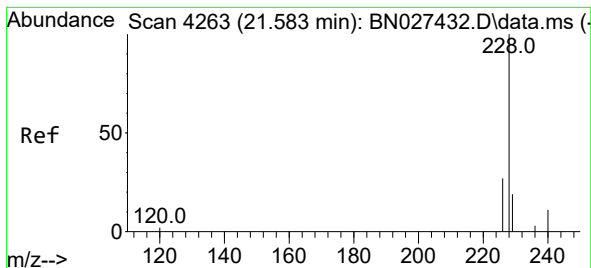


#20
Pyrene
Concen: 12.231 ng/ul m
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29



Tgt Ion:202 Resp: 1100226
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 11.1 9.4 14.2





#21

Benzo(a)anthracene

Concen: 7.090 ng/u1

RT: 21.595 min Scan# 4267

Delta R.T. 0.003 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

Instrument :

BNA_N

ClientSampleId :

EZYH7

Tgt Ion:228 Resp: 49069

Ion Ratio Lower Upper

228 100

229 22.5 15.7 23.5

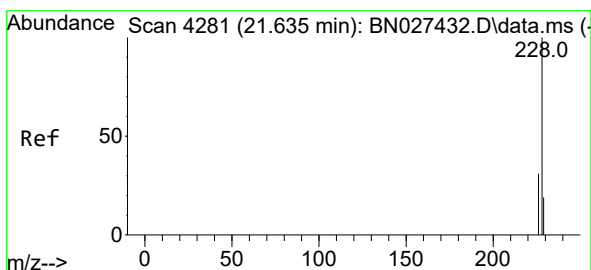
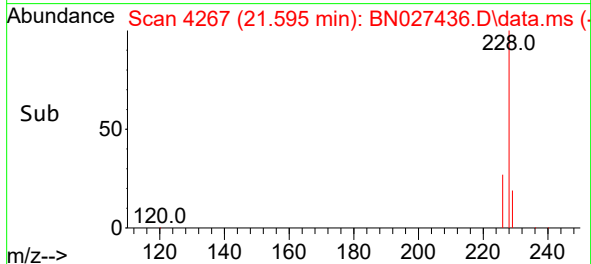
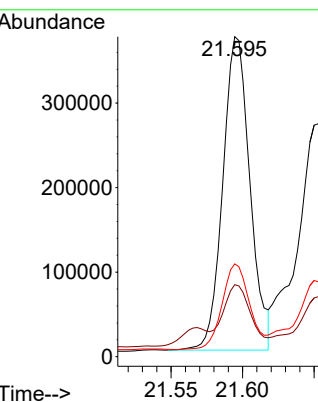
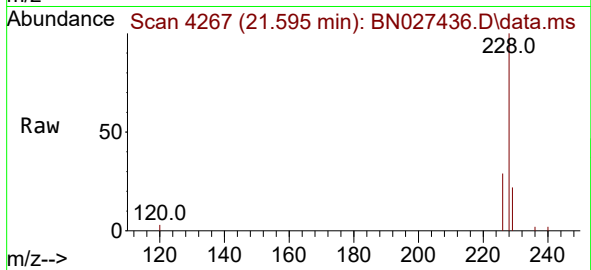
226 29.0 22.0 33.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/08/2023

Supervised By :mohammad ahmed 09/09/2023



#22

Chrysene

Concen: 5.408 ng/u1

RT: 21.653 min Scan# 4287

Delta R.T. 0.006 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

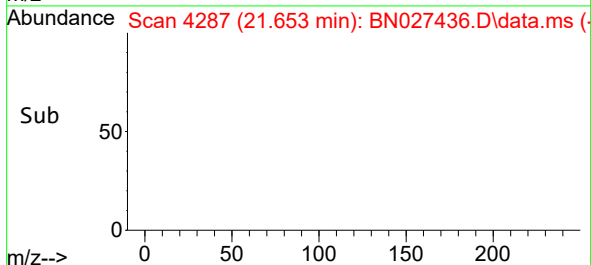
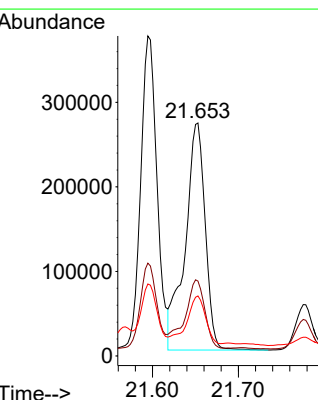
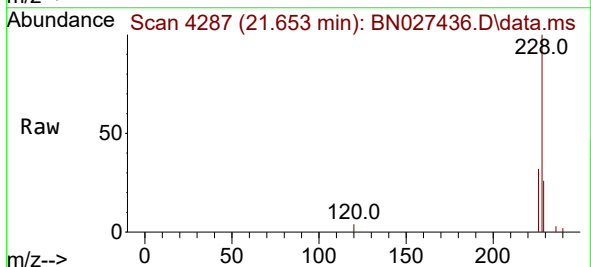
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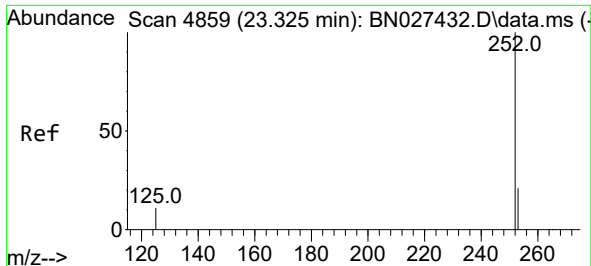
Ion Ratio Lower Upper

228 100

226 32.2 24.4 36.6

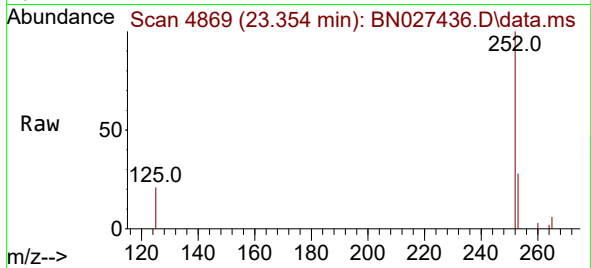
229 25.8 15.6 23.4#





#24
Benzo(b)fluoranthene
Concen: 5.952 ng/ul m
RT: 23.354 min Scan# 4869
Delta R.T. 0.009 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

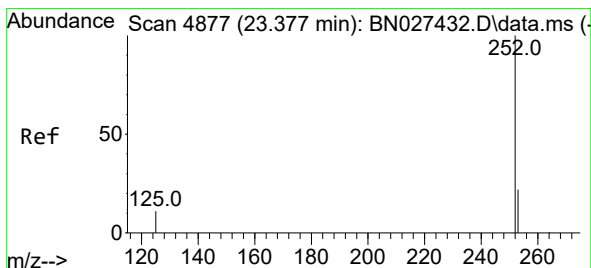
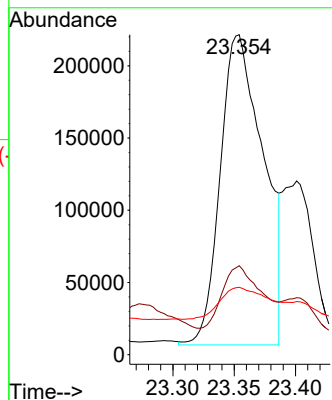
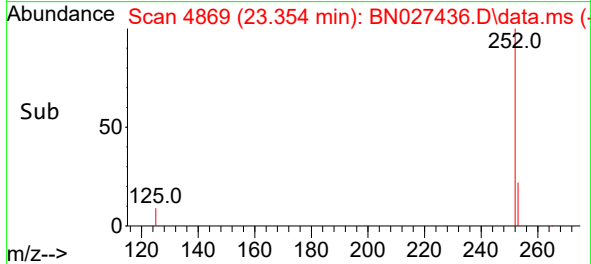
Instrument :
BNA_N
ClientSampleId :
EZYH7



Tgt Ion:252 Resp: 525570
Ion Ratio Lower Upper
252 100
253 27.8 0.0 49.6
125 21.1 0.0 33.8

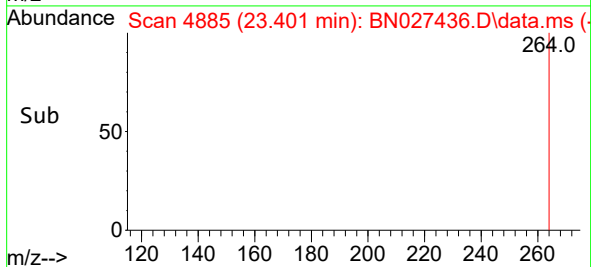
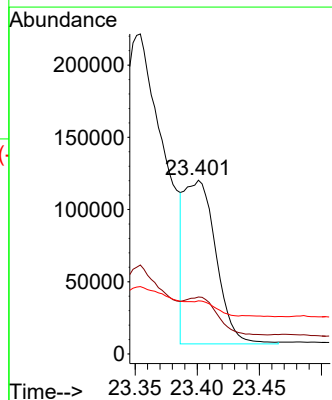
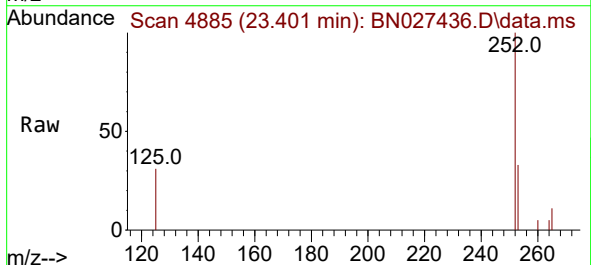
Manual Integrations
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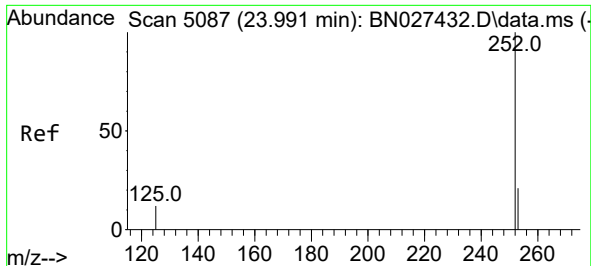
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#25
Benzo(k)fluoranthene
Concen: 2.315 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. 0.003 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

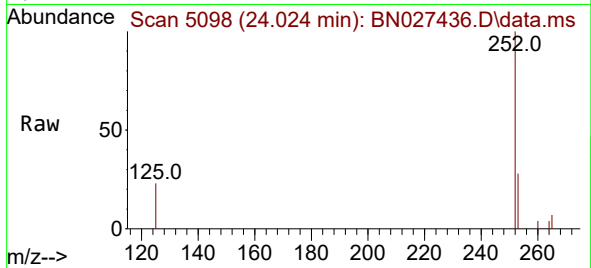
Tgt Ion:252 Resp: 199903
Ion Ratio Lower Upper
252 100
253 32.8 19.9 29.9#
125 30.6 13.6 20.4#





#26
Benzo(a)pyrene
Concen: 5.578 ng/ul
RT: 24.024 min Scan# 5098
Delta R.T. 0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

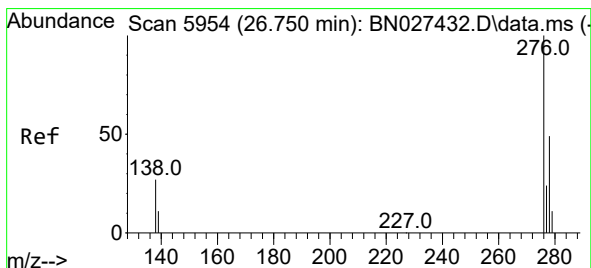
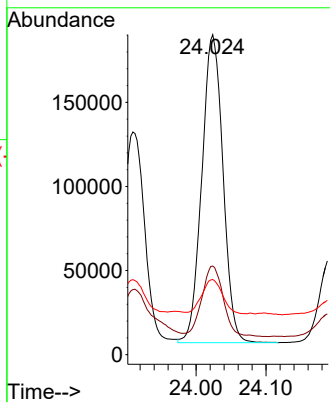
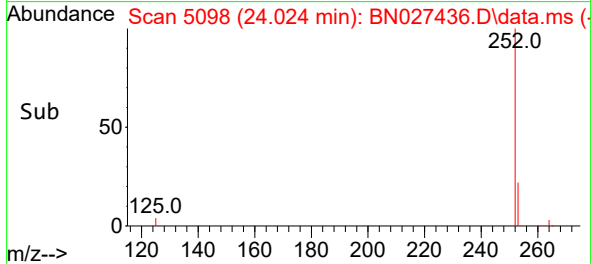
Instrument :
BNA_N
ClientSampleId :
EZYH7



Tgt Ion:252 Resp: 384670
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 23.5 17.4 26.2

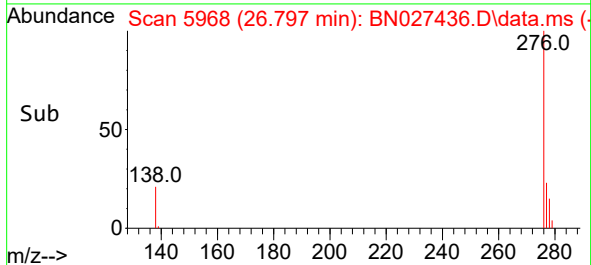
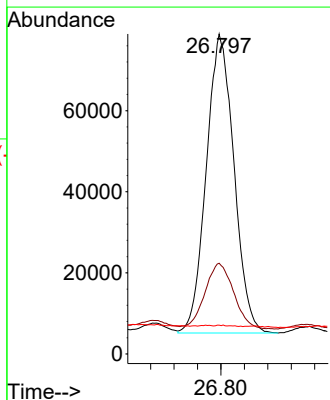
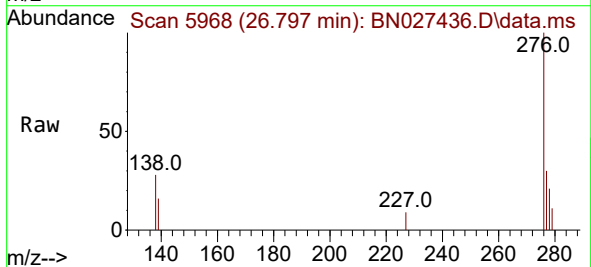
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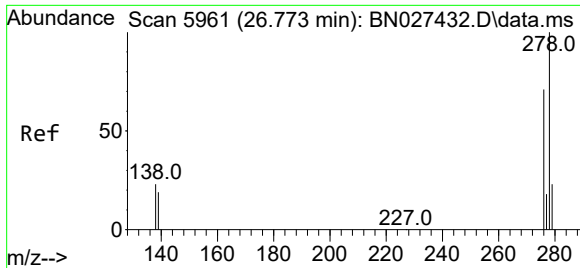
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.153 ng/ul
RT: 26.797 min Scan# 5968
Delta R.T. -0.003 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

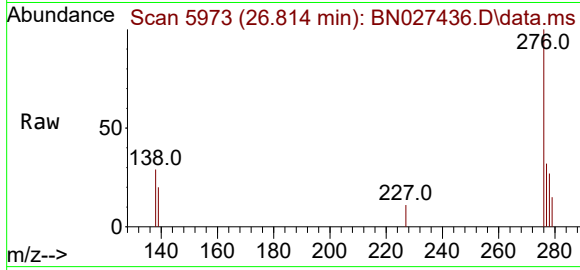
Tgt Ion:276 Resp: 241529
Ion Ratio Lower Upper
276 100
138 23.0 23.9 35.9#
227 0.6 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.999 ng/ul
 RT: 26.814 min Scan# 5961
 Delta R.T. -0.020 min
 Lab File: BN027436.D
 Acq: 07 Sep 2023 10:29

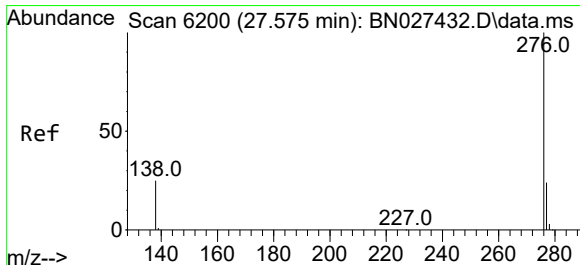
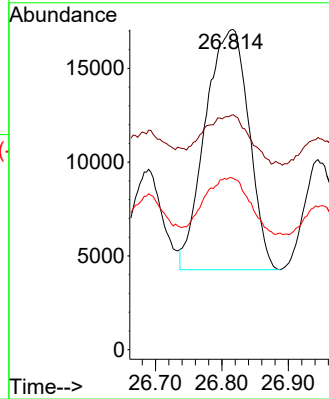
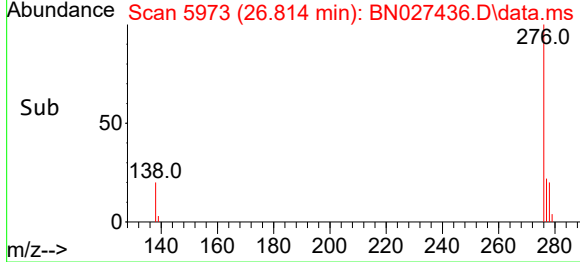
Instrument :
 BNA_N
 ClientSampleId :
 EZYH7



Tgt Ion:278 Resp: 5848
 Ion Ratio Lower Upper
 278 100
 139 73.2 18.0 27.0
 279 53.8 22.7 34.1

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



#29
 Benzo(g,h,i)perylene
 Concen: 3.537 ng/ul
 RT: 27.639 min Scan# 6219
 Delta R.T. 0.010 min
 Lab File: BN027436.D
 Acq: 07 Sep 2023 10:29

Tgt Ion:276 Resp: 244543
 Ion Ratio Lower Upper
 276 100
 138 29.9 22.1 33.1
 277 30.6 20.2 30.4

