

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032603.D
 Acq On : 10 Jul 2024 01:00
 Operator : MA/JU
 Sample : P3127-05RE
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240624RE

Quant Time: Jul 10 01:47:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4243	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	12618	0.400	ng	# 0.01
13) Acenaphthene-d10	14.242	164	9569	0.400	ng	0.01
19) Phenanthrene-d10	17.016	188	19329	0.400	ng	0.01
29) Chrysene-d12	21.211	240	14565	0.400	ng	0.00
35) Perylene-d12	23.426	264	14124	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	87	0.008	ng	0.02
5) Phenol-d6	6.808	99	2	0.000	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3206m	0.340	ng	0.04
11) 2-Methylnaphthalene-d10	12.009	152	176	0.009	ng	0.03
14) 2,4,6-Tribromophenol	15.775	330	1016	0.234	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	10733	0.304	ng	0.01
27) Fluoranthene-d10	19.049	212	5354	0.106	ng	0.00
31) Terphenyl-d14	19.635	244	16248	0.457	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.161	88	287	0.051	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.095	149	1617	0.049	ng	97

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

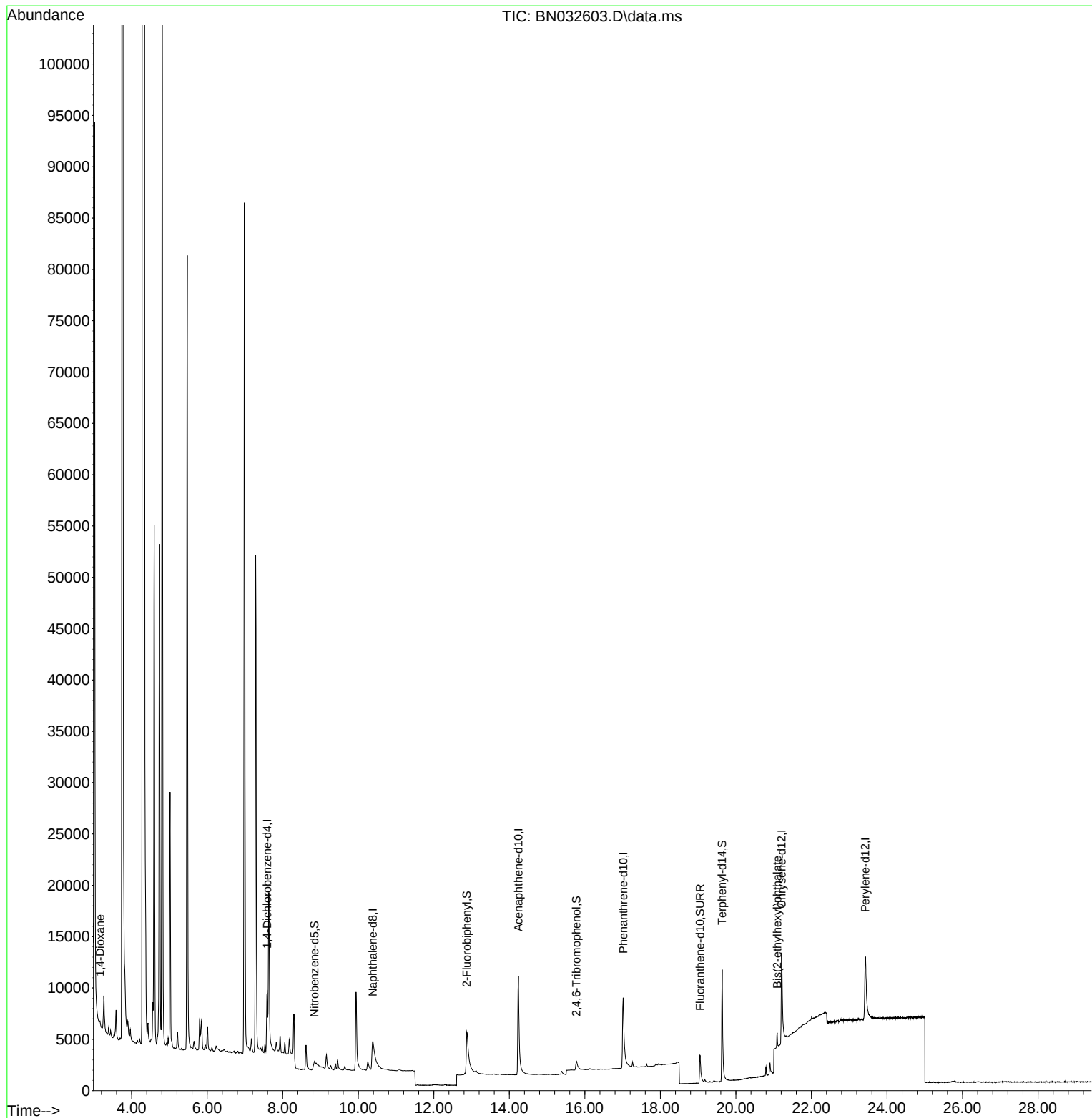
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
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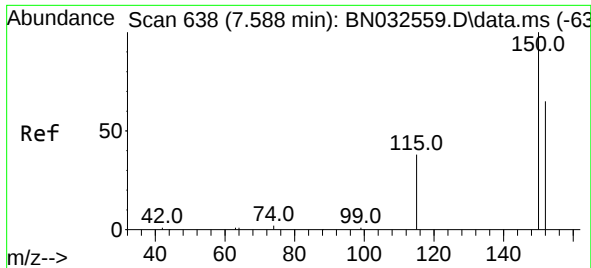
Instrument :
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VPB196-HYD-20240624RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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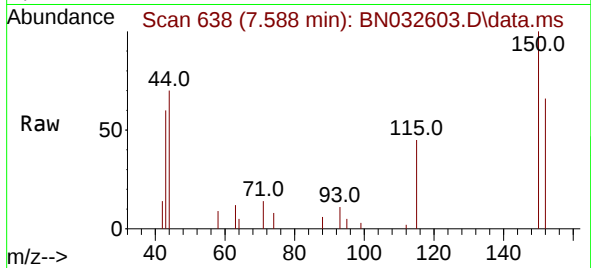
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

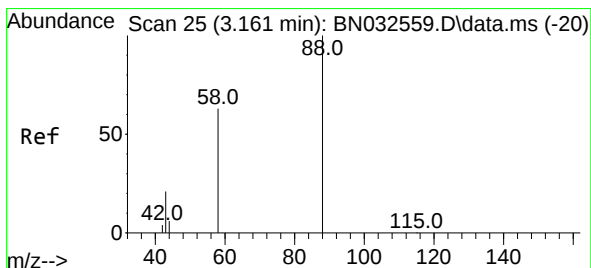
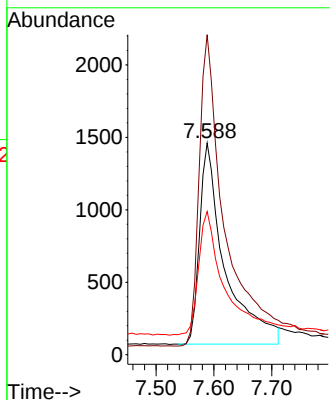
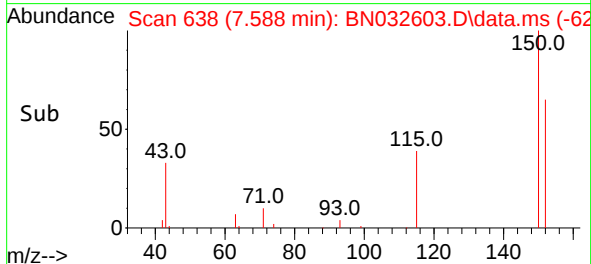
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE



Tgt Ion: 152 Resp: 424
Ion Ratio Lower Upper
152 100
150 151.2 121.6 182.4
115 67.7 53.1 79.7

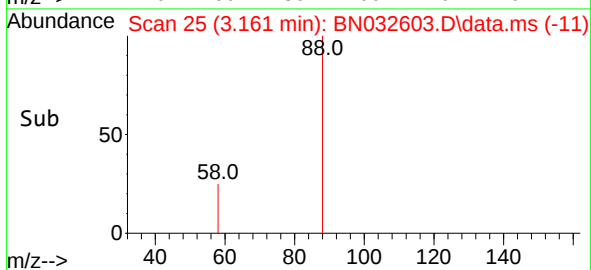
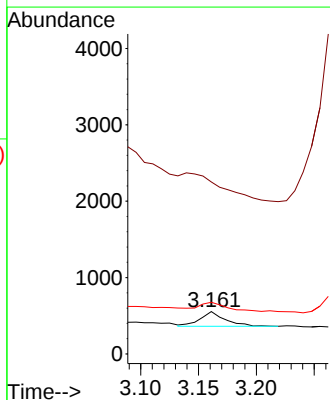
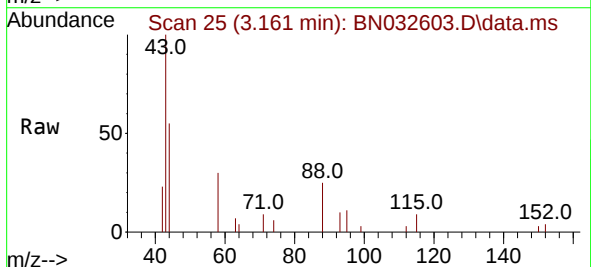
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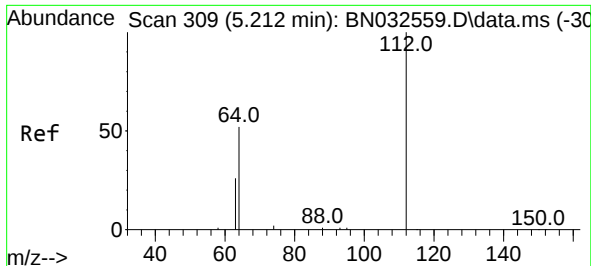
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#2
1,4-Dioxane
Concen: 0.051 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

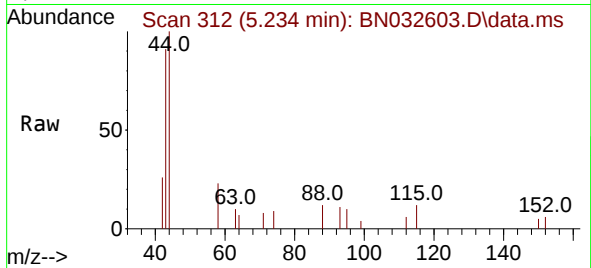
Tgt Ion: 88 Resp: 287
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 78.4 51.0 76.6#





#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.234 min Scan# 312
Delta R.T. 0.022 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

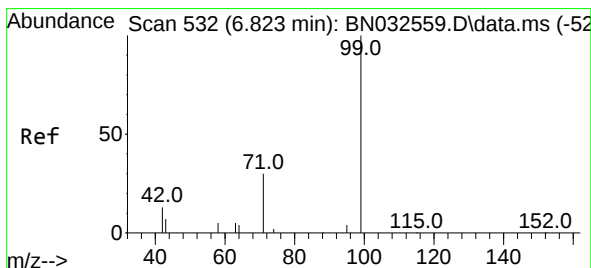
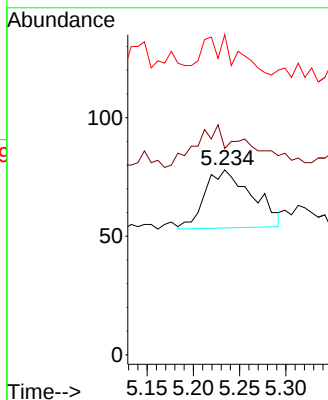
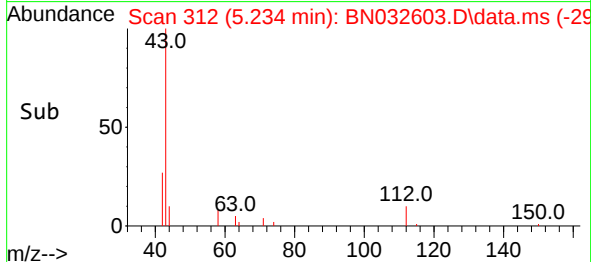
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE



Tgt Ion: 112 Resp: 8
Ion Ratio Lower Upper
112 100
64 47.1 41.2 61.8
63 46.0 21.6 32.4

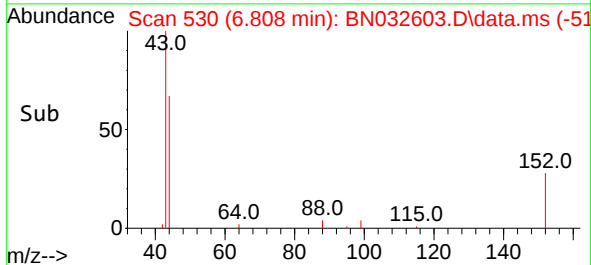
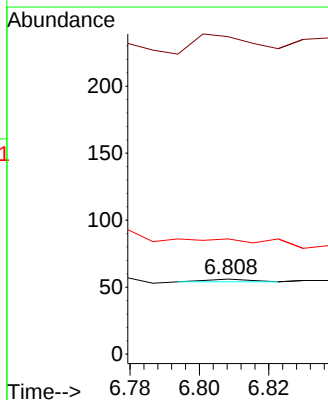
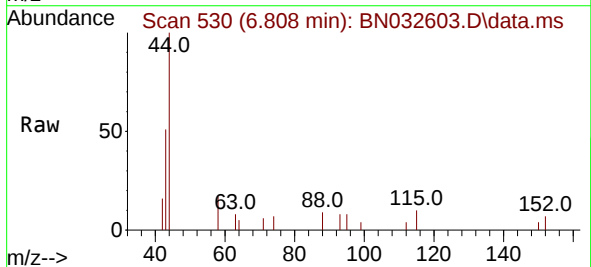
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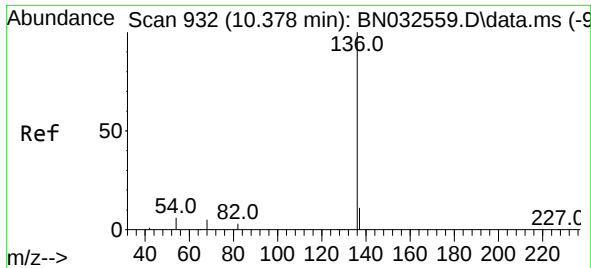
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.808 min Scan# 530
Delta R.T. -0.014 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

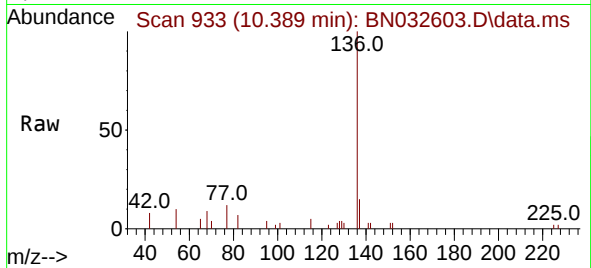
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

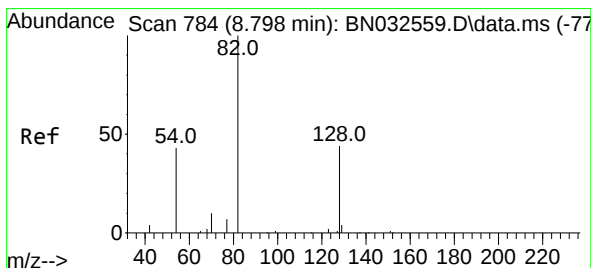
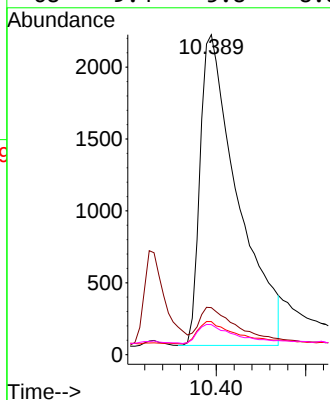
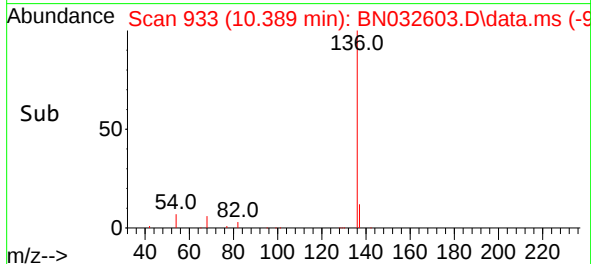
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE



Tgt Ion: 136 Resp: 12618
Ion Ratio Lower Upper
136 100
137 14.7 10.0 15.0
54 10.3 6.6 9.8
68 9.4 5.8 8.8

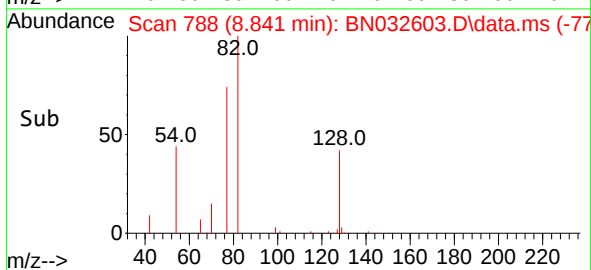
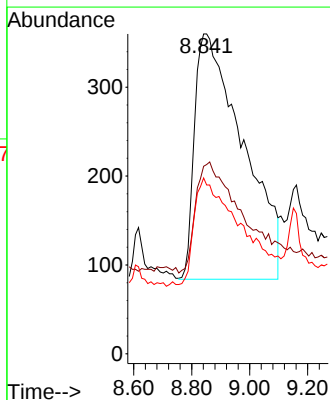
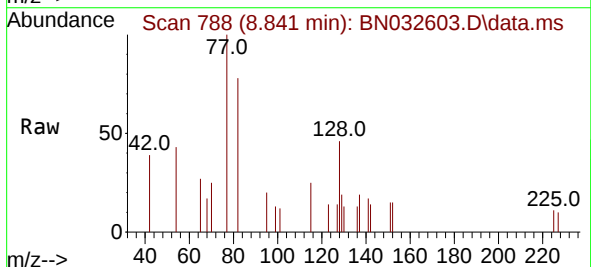
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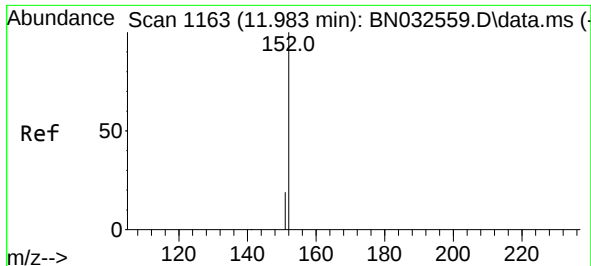
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.340 ng m
RT: 8.841 min Scan# 788
Delta R.T. 0.043 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

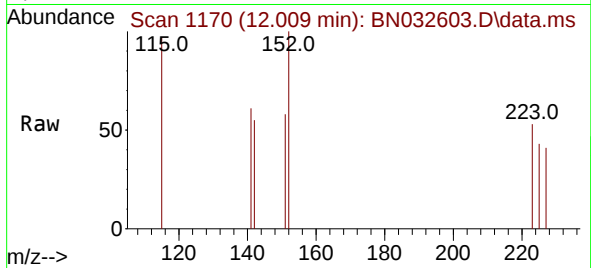
Tgt Ion: 82 Resp: 3206
Ion Ratio Lower Upper
82 100
128 58.6 43.4 65.2
54 55.0 40.2 60.2





#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.009 min Scan# 1163
Delta R.T. 0.027 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

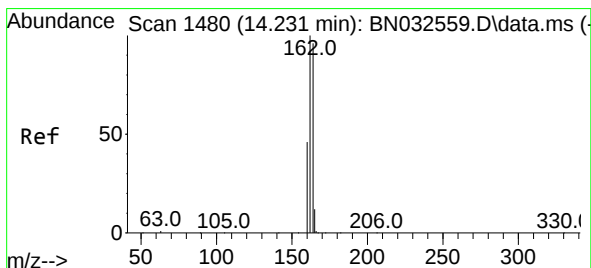
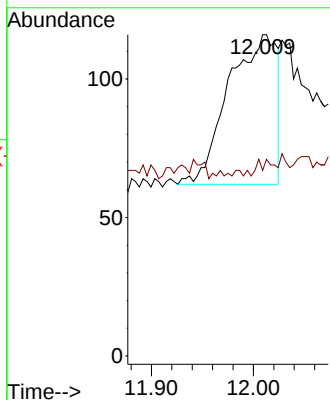
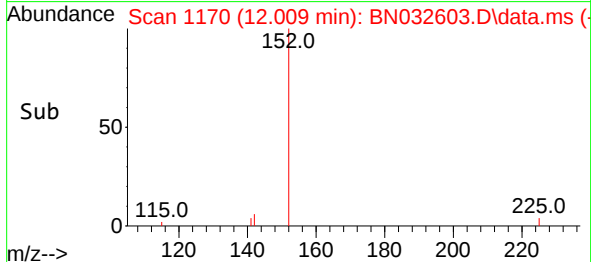
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE



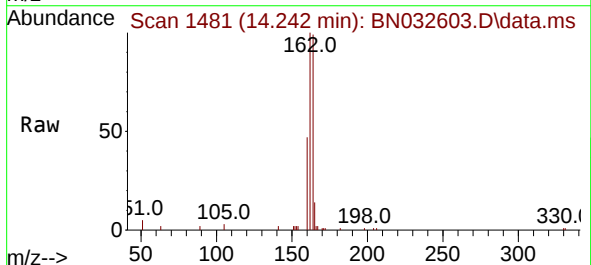
Tgt Ion:152 Resp: 170
Ion Ratio Lower Upper
152 100
151 1.7 16.4 24.6

Manual Integrations
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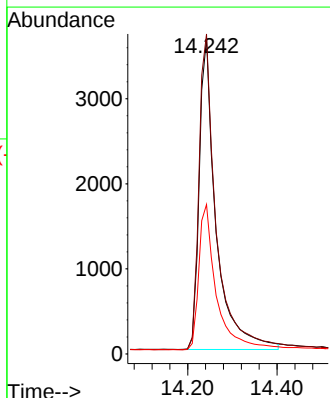
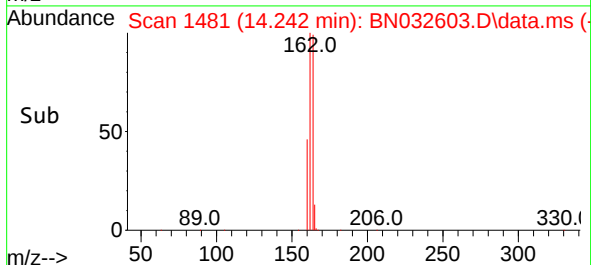
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

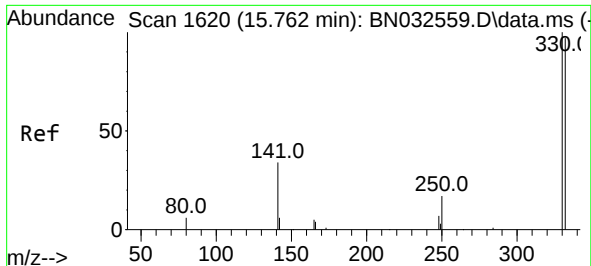


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.011 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00



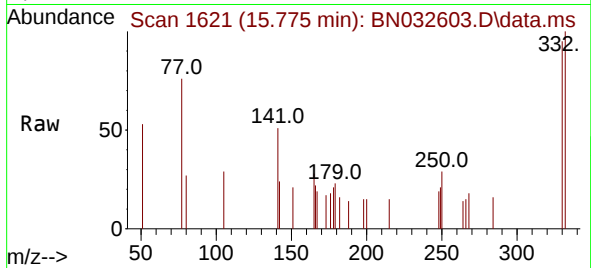
Tgt Ion:164 Resp: 9569
Ion Ratio Lower Upper
164 100
162 101.4 83.2 124.8
160 47.3 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

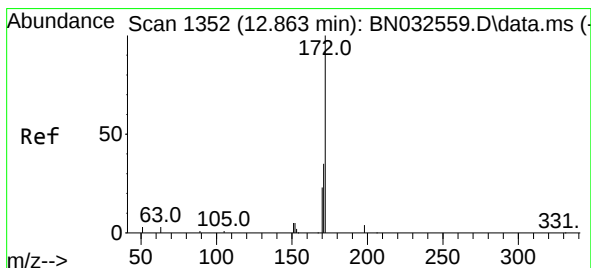
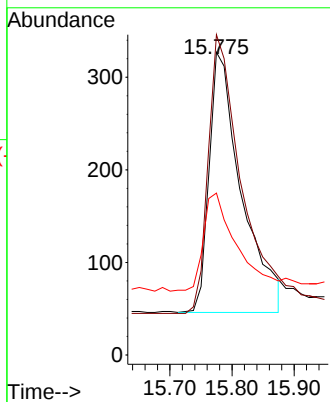
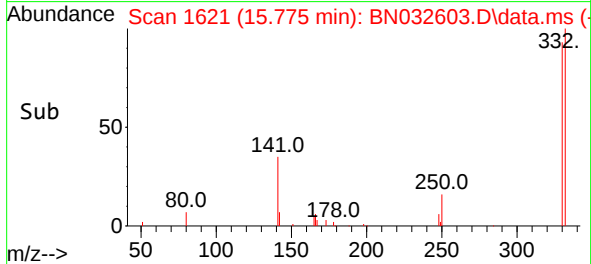
Instrument :
BNA_N
ClientSampleId :
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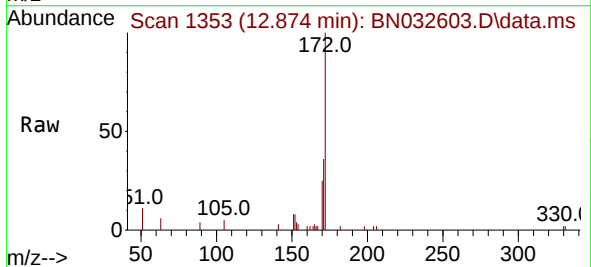
Tgt Ion: 330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 110.1 77.7 116.5
141 38.9 31.8 47.8

Manual Integrations
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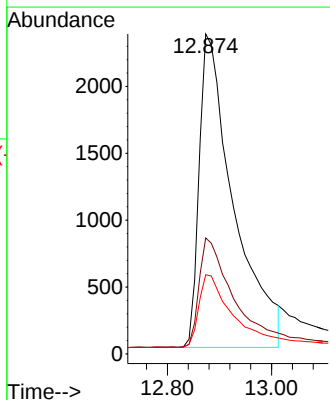
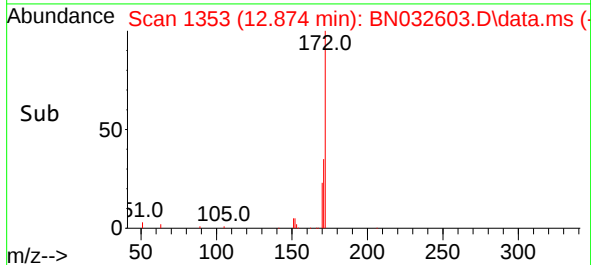
Reviewed By : Yogesh Patel 07/10/2024
Supervised By : mohammad ahmed 07/11/2024

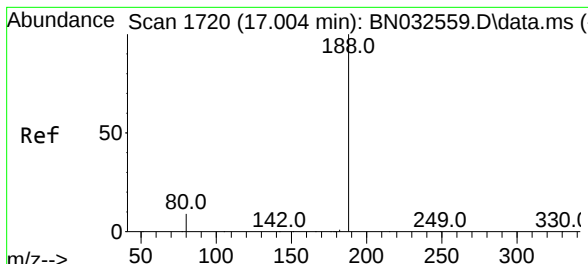


#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00



Tgt Ion: 172 Resp: 10733
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.7 19.2 28.8





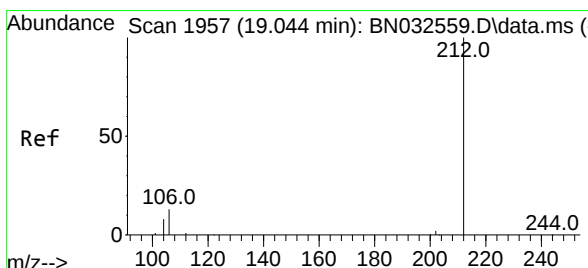
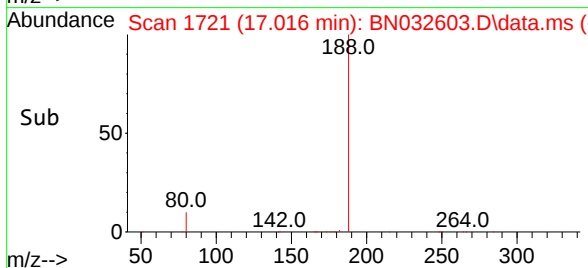
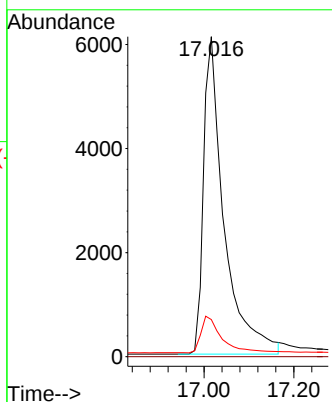
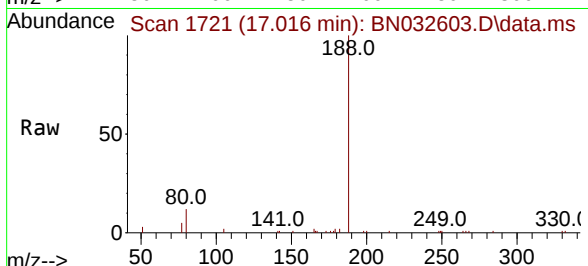
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE

Tgt Ion:188	Resp:	19329
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.6	11.6

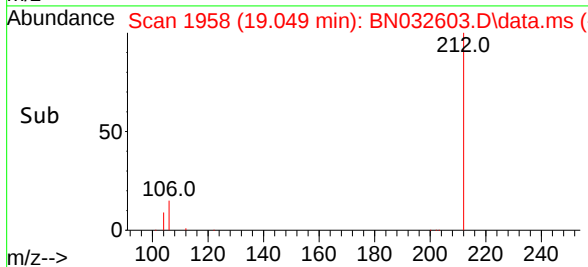
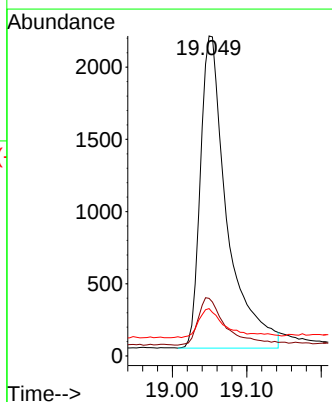
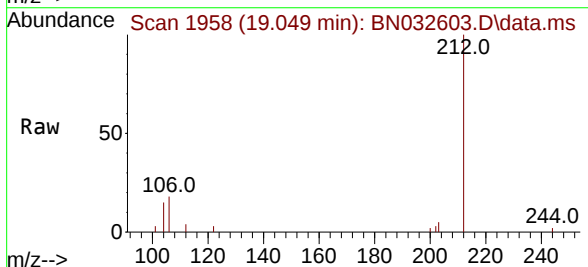
Manual Integrations
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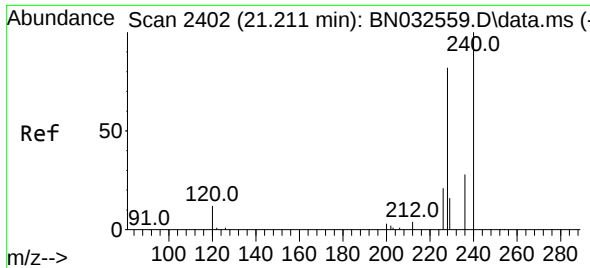
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#27
Fluoranthene-d10
Concen: 0.106 ng
RT: 19.049 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

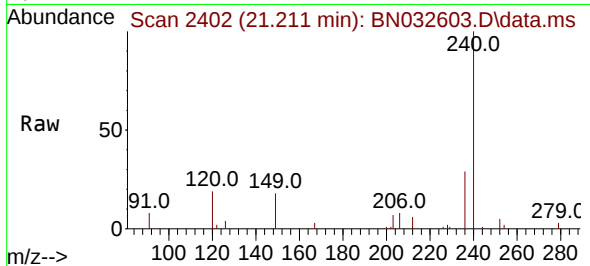
Tgt Ion:212	Resp:	5354
Ion Ratio	Lower	Upper
212	100	
106	15.7	11.8
104	8.8	6.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00

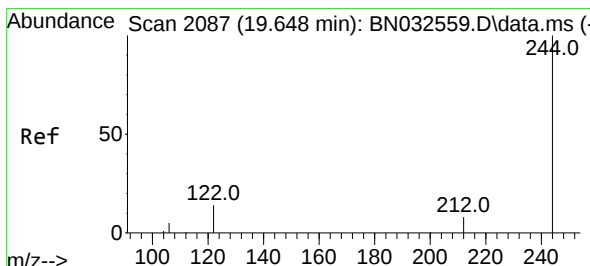
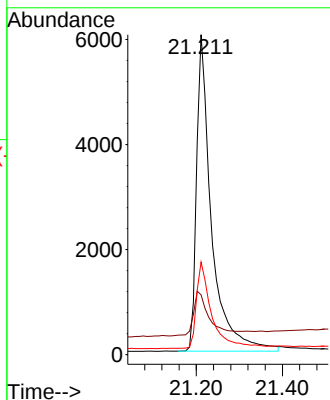
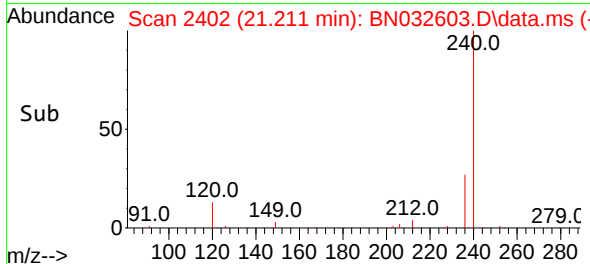
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624RE



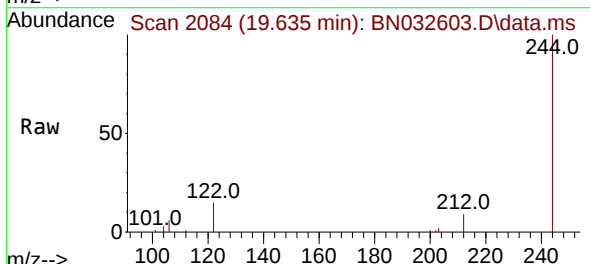
Tgt Ion:240 Resp: 1456
Ion Ratio Lower Upper
240 100
120 18.7 13.0 19.4
236 29.0 23.1 34.7

Manual Integrations
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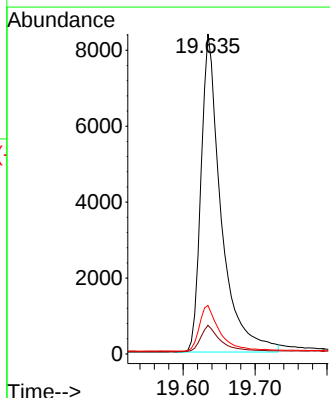
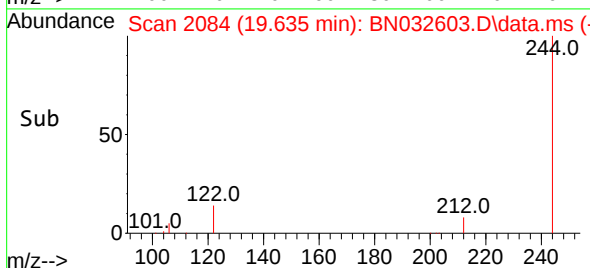
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

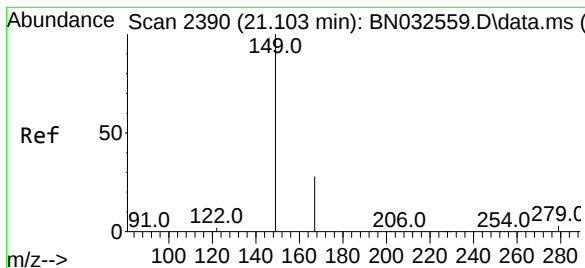


#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.635 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032603.D
Acq: 10 Jul 2024 01:00



Tgt Ion:244 Resp: 16248
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 15.1 12.1 18.1





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.095 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032603.D

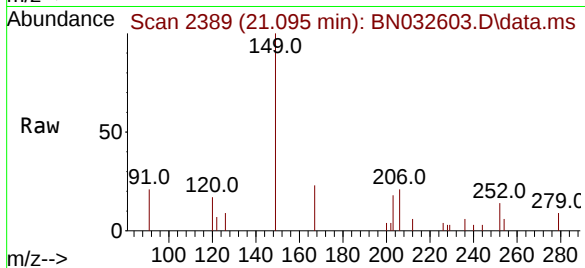
Acq: 10 Jul 2024 01:00

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240624RE



Tgt Ion:149 Resp: 161

Ion Ratio Lower Upper

149 100

167 25.6 21.6 32.4

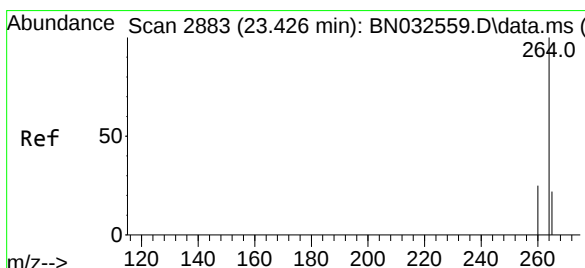
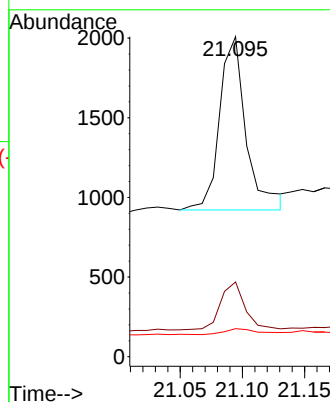
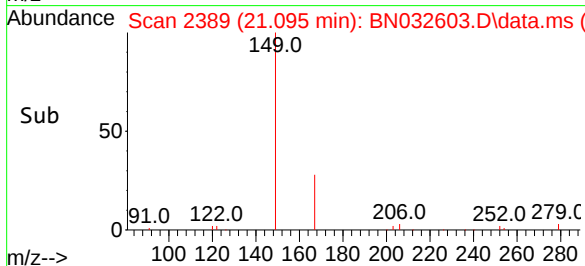
279 4.2 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/10/2024

Supervised By :mohammad ahmed 07/11/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.426 min Scan# 2883

Delta R.T. 0.000 min

Lab File: BN032603.D

Acq: 10 Jul 2024 01:00

Tgt Ion:264 Resp: 14124

Ion Ratio Lower Upper

264 100

260 26.0 21.0 31.6

265 122.4 76.6 115.0#

