

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033510.D
 Acq On : 20 Aug 2024 17:39
 Operator : MA/JU
 Sample : P3623-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240813

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 18:19:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7969	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	20639	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	9824	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19545	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	11531	0.400	ng	# 0.00
35) Perylene-d12	23.315	264	10260	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	257	0.010	ng	0.00
5) Phenol-d6	6.707	99	38	0.001	ng	-0.04
8) Nitrobenzene-d5	8.681	82	4407	0.257	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	300	0.010	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	664	0.126	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	10900	0.272	ng	0.00
27) Fluoranthene-d10	18.975	212	7050	0.150	ng	0.00
31) Terphenyl-d14	19.593	244	10694	0.408	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	5532	0.603	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.095	149	1214m	0.046	ng	

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

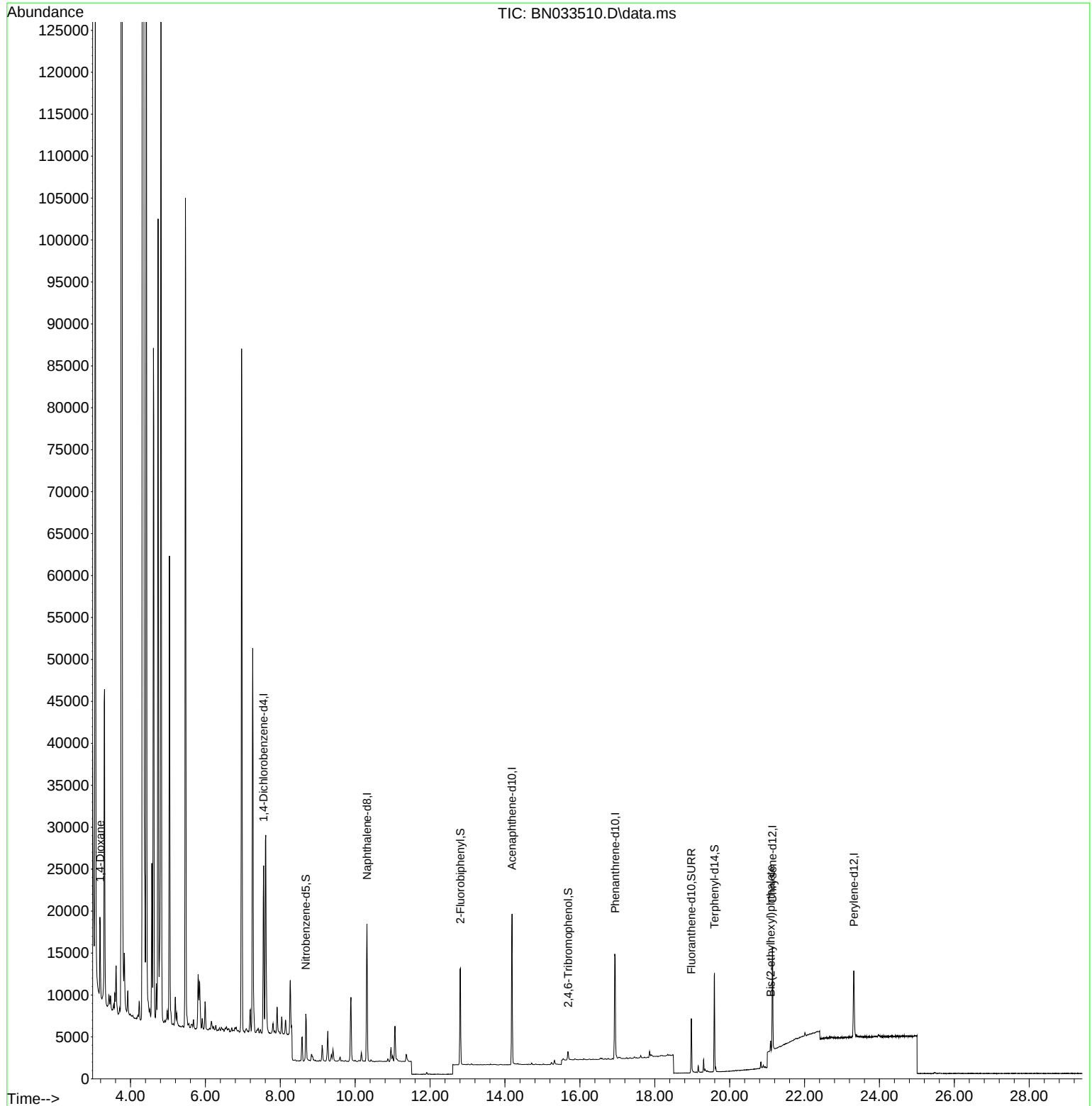
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033510.D
Acq On : 20 Aug 2024 17:39
Operator : MA/JU
Sample : P3623-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

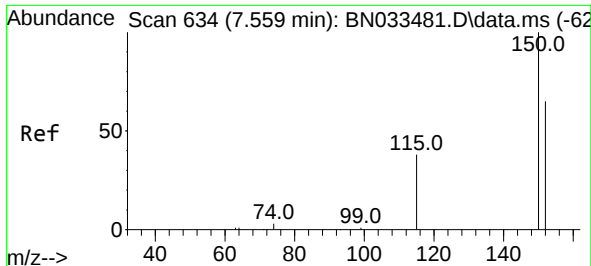
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813

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Supervised By :mohammad ahmed 08/22/2024

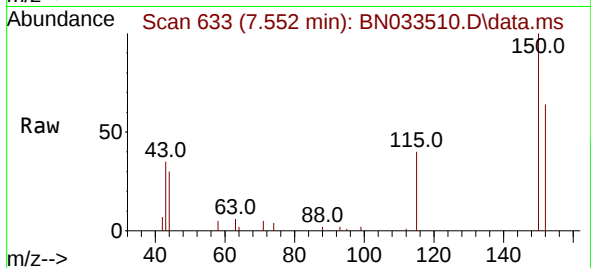
Quant Time: Aug 20 18:19:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

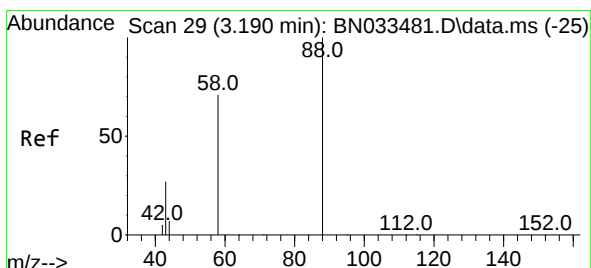
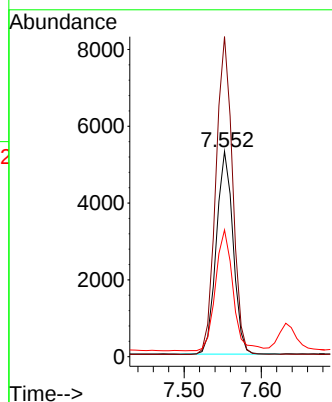
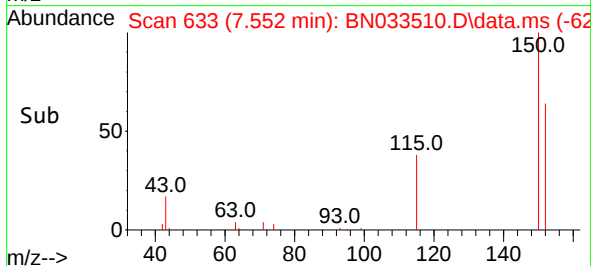
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813



Tgt Ion:152 Resp: 7969
Ion Ratio Lower Upper
152 100
150 155.9 122.2 183.2
115 61.8 47.2 70.8

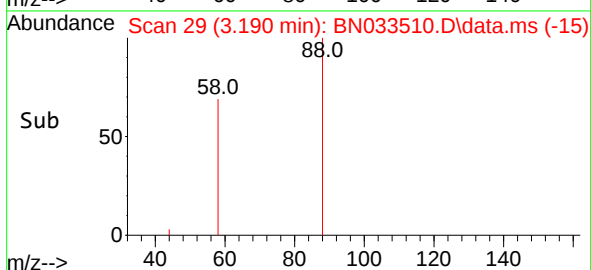
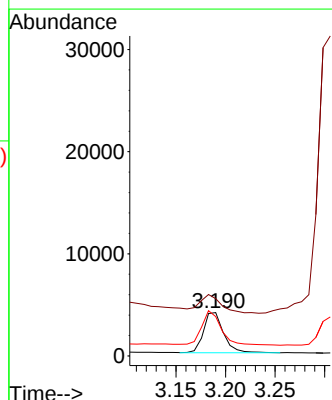
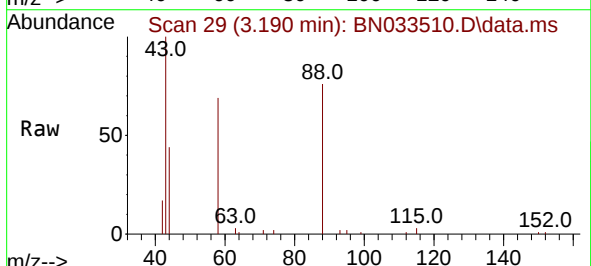
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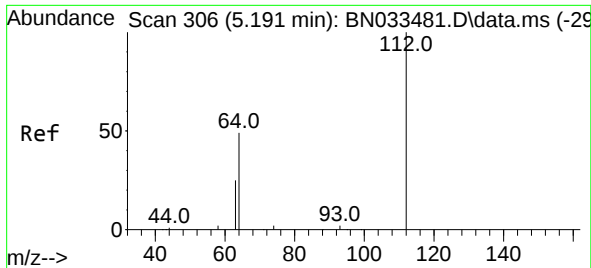
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 0.603 ng
RT: 3.190 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

Tgt Ion: 88 Resp: 5532
Ion Ratio Lower Upper
88 100
43 50.1 25.0 37.4#
58 84.3 62.5 93.7





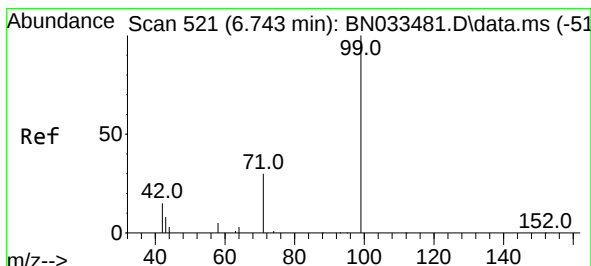
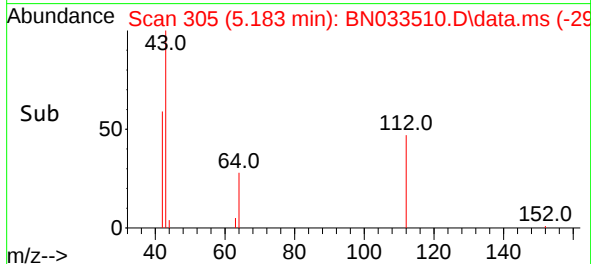
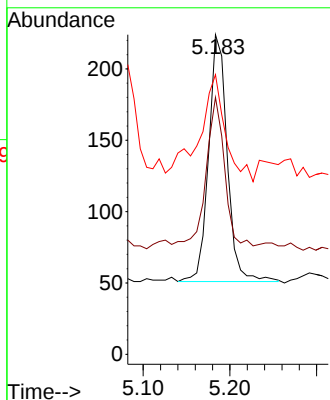
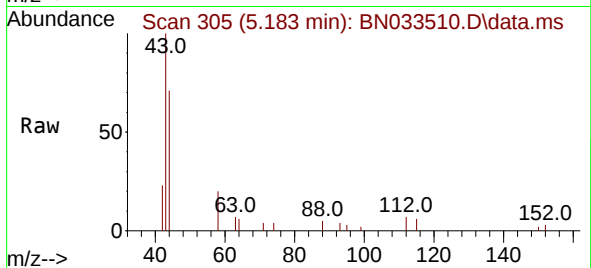
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2-Fluorophenol
Concen: 0.010 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813

Tgt Ion:112 Resp: 25
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 62.6 24.9 37.3

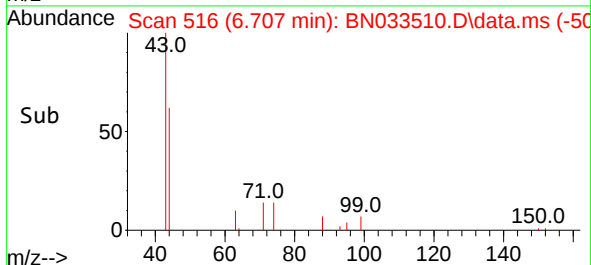
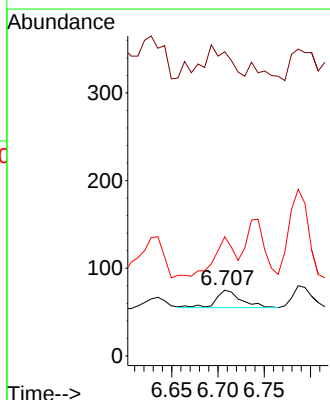
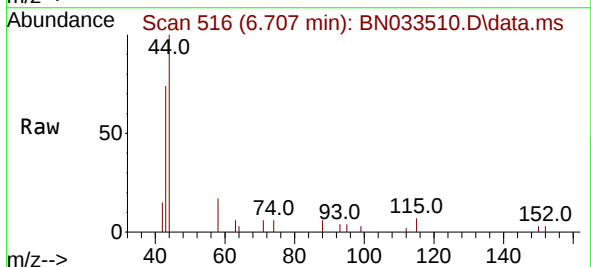
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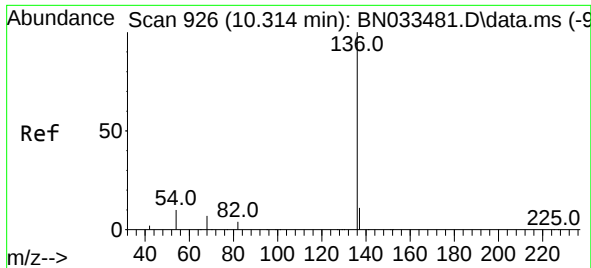
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.036 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

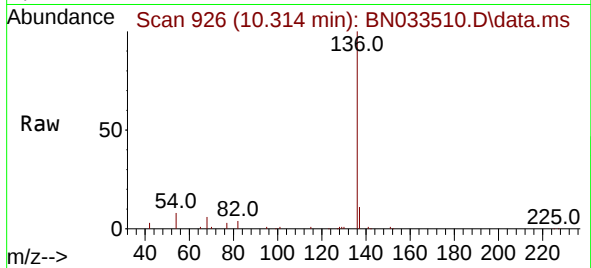
Tgt Ion: 99 Resp: 38
Ion Ratio Lower Upper
99 100
42 200.0 16.6 24.8#
71 163.2 26.2 39.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

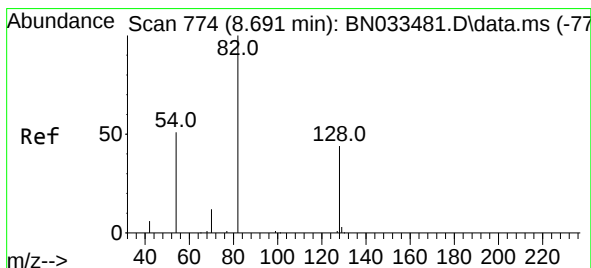
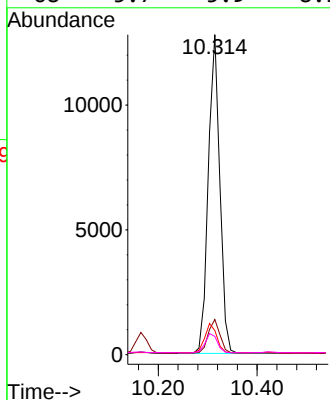
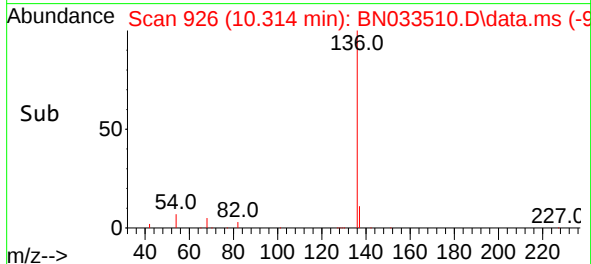
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813



Tgt Ion:136 Resp: 20639
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.5 8.3 12.5
68 5.7 5.9 8.9#

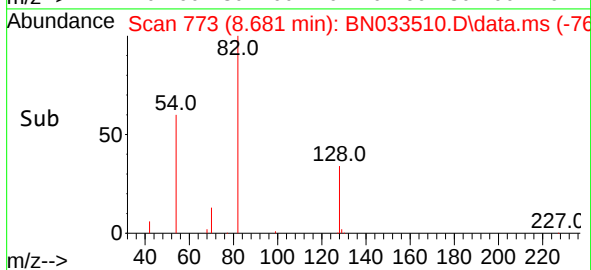
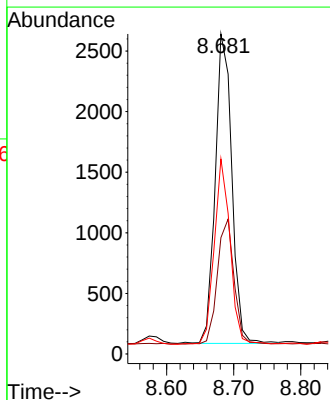
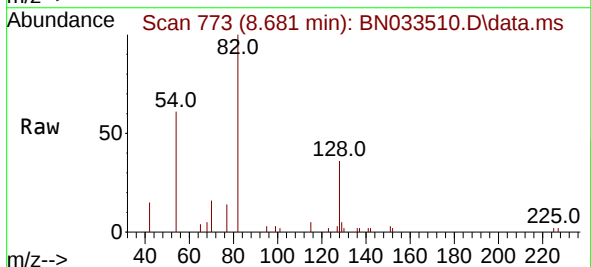
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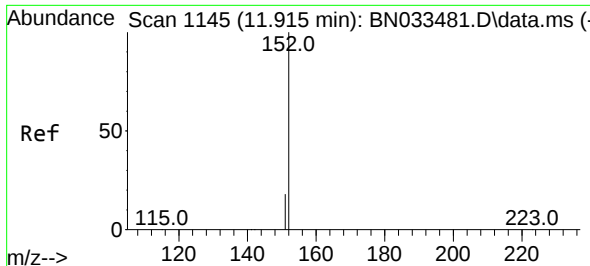
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

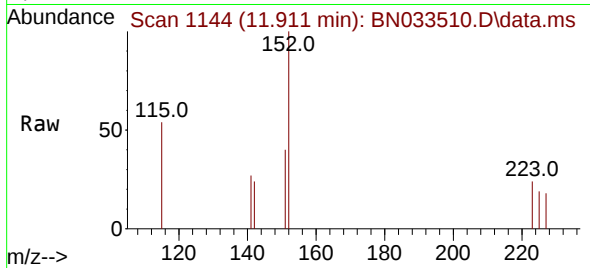
Tgt Ion: 82 Resp: 4407
Ion Ratio Lower Upper
82 100
128 36.3 36.0 54.0
54 61.0 42.0 63.0





#11
2-Methylnaphthalene-d10
Concen: 0.010 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

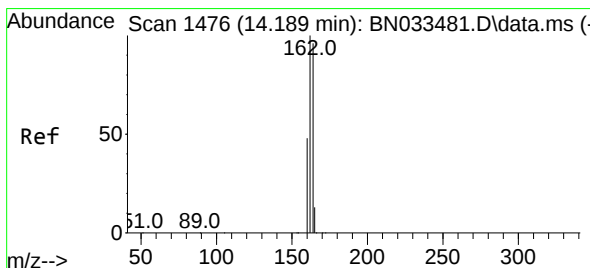
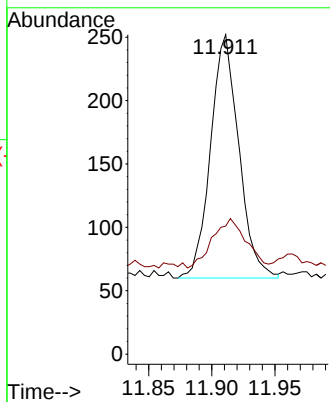
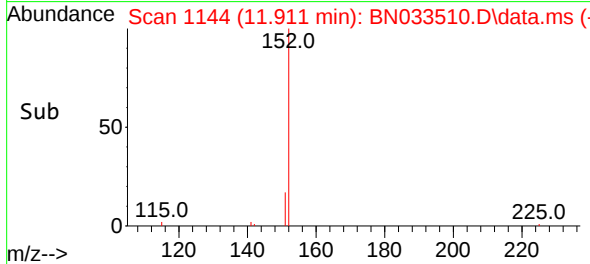
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813



Tgt Ion:152 Resp: 300
Ion Ratio Lower Upper
152 100
151 24.0 16.6 25.0

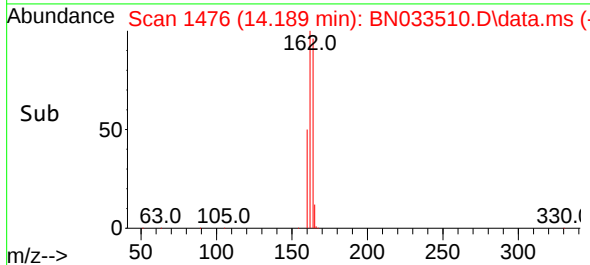
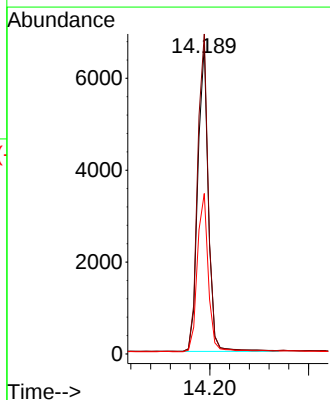
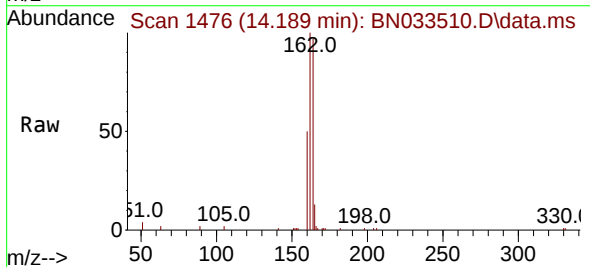
Manual Integrations
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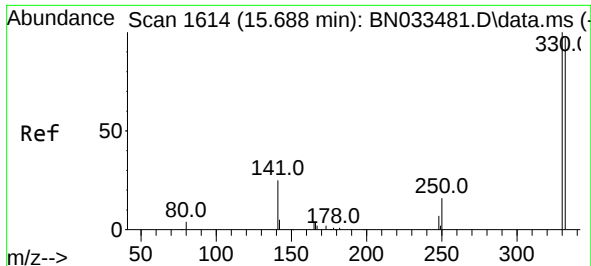
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

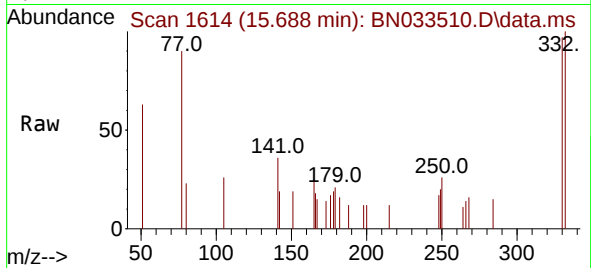
Tgt Ion:164 Resp: 9824
Ion Ratio Lower Upper
164 100
162 103.6 83.5 125.3
160 52.0 40.2 60.4





#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.688 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

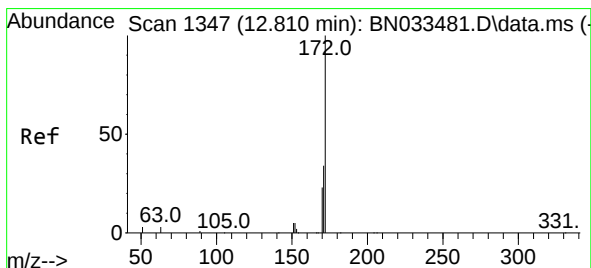
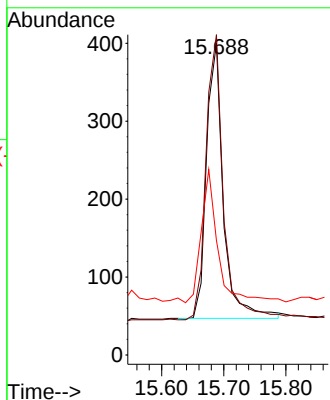
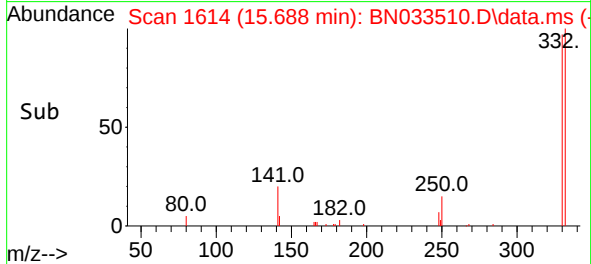
Instrument :
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TT189D2-HYD-20240813



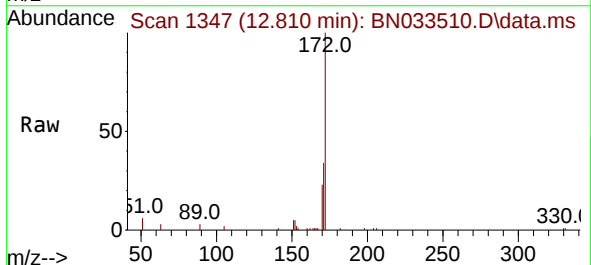
Tgt Ion:330 Resp: 664
Ion Ratio Lower Upper
330 100
332 107.4 77.5 116.3
141 43.7 33.9 50.9

Manual Integrations
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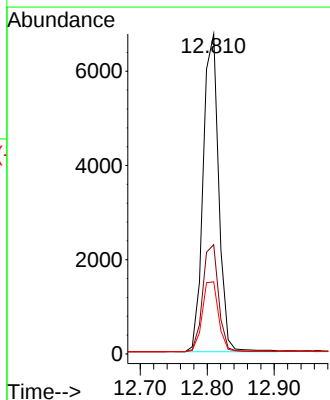
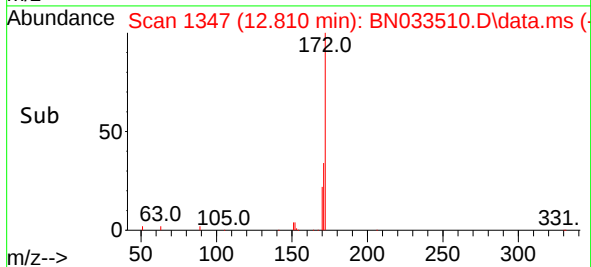
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

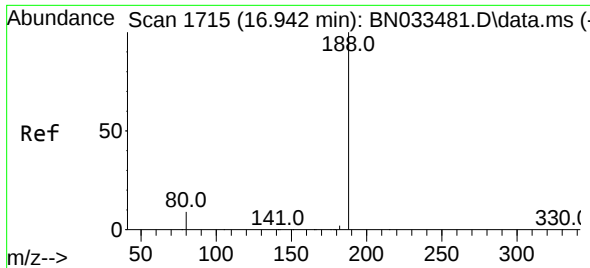


#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.810 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39



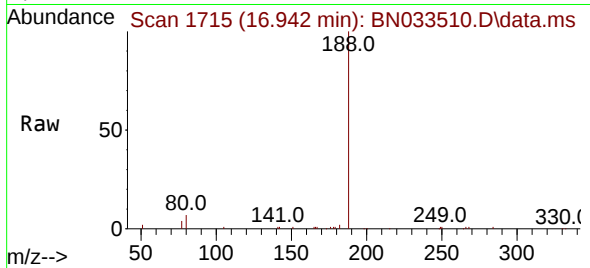
Tgt Ion:172 Resp: 10900
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.6 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

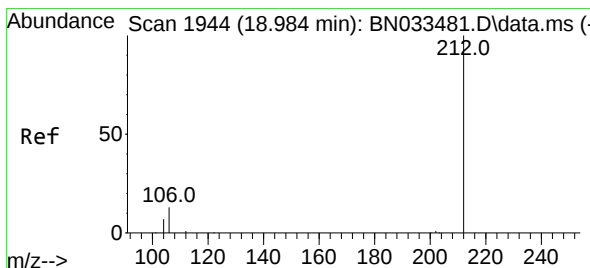
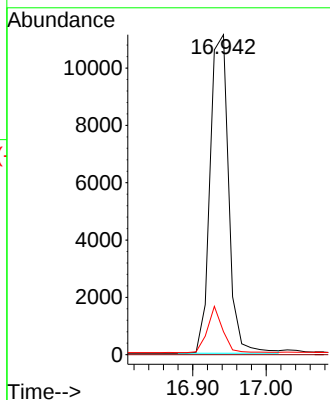
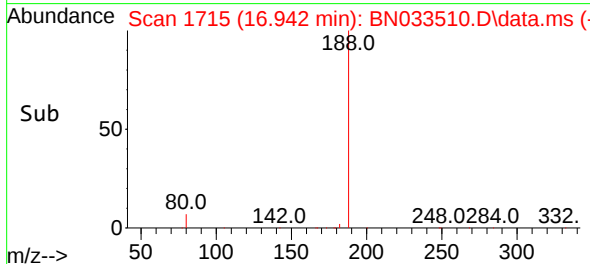
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813



Tgt Ion:188 Resp: 1954
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 7.8 11.8

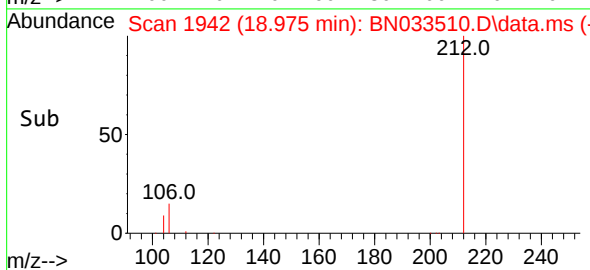
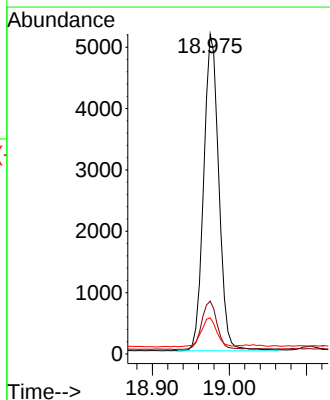
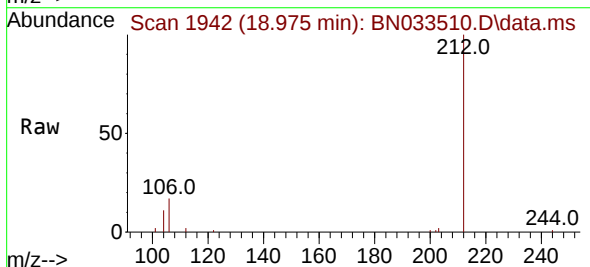
Manual Integrations
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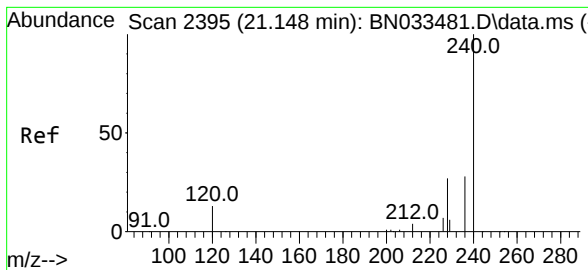
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#27
Fluoranthene-d10
Concen: 0.150 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033510.D
Acq: 20 Aug 2024 17:39

Tgt Ion:212 Resp: 7050
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.4 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033510.D

Acq: 20 Aug 2024 17:39

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240813

Tgt Ion:240 Resp: 1153

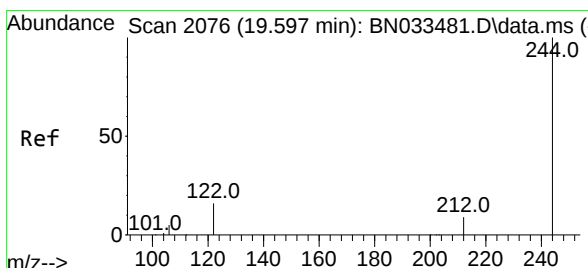
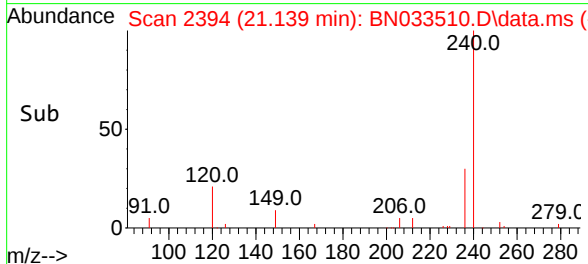
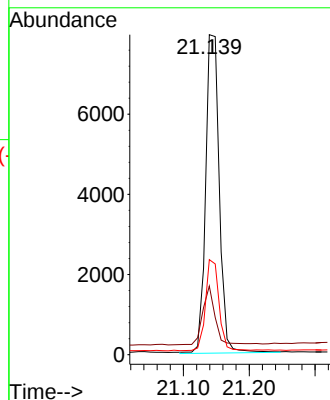
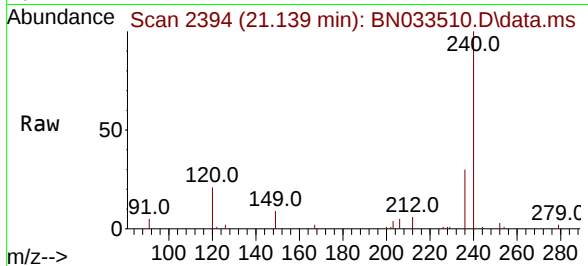
Ion	Ratio	Lower	Upper
240	100		
120	21.5	12.4	18.6
236	29.7	23.0	34.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#31

Terphenyl-d14

Concen: 0.408 ng

RT: 19.593 min Scan# 2075

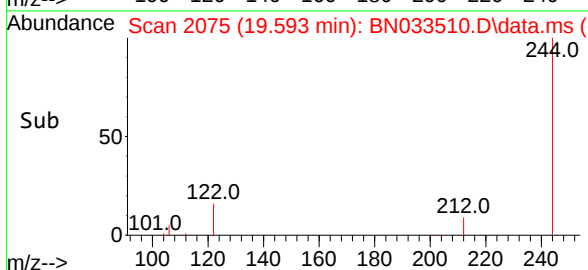
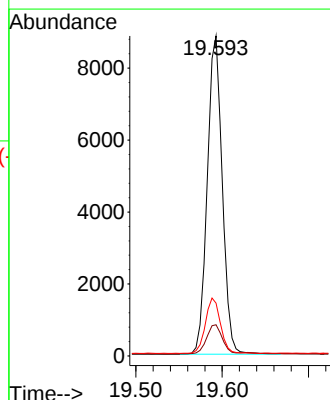
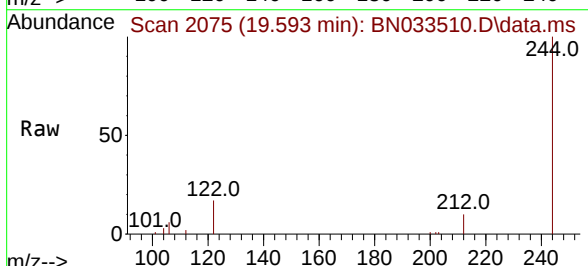
Delta R.T. -0.005 min

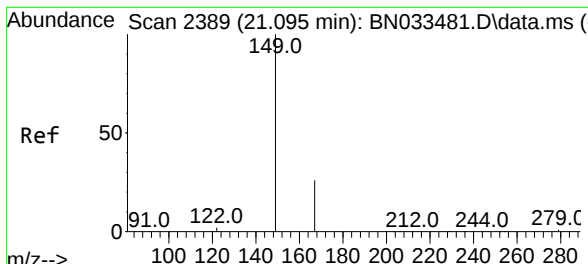
Lab File: BN033510.D

Acq: 20 Aug 2024 17:39

Tgt Ion:244 Resp: 10694

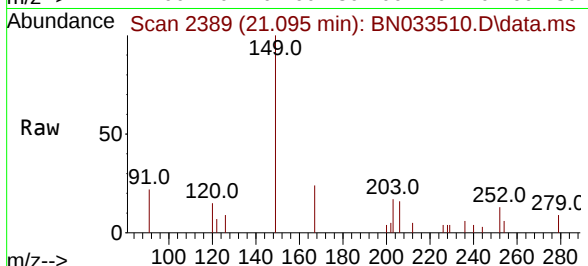
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	16.5	13.3	19.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng m
 RT: 21.095 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN033510.D
 Acq: 20 Aug 2024 17:39

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240813

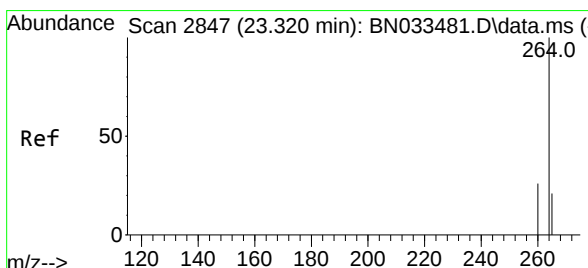
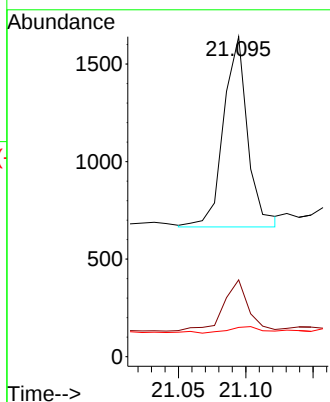
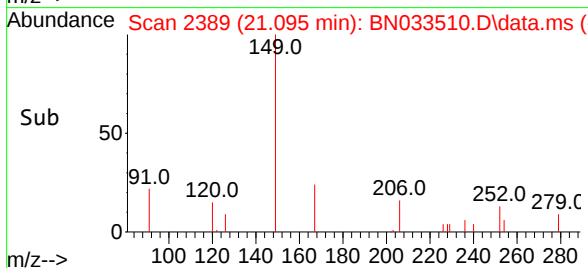


Tgt Ion:149 Resp: 1214

Ion	Ratio	Lower	Upper
149	100		
167	34.9	21.5	32.3
279	0.0	2.2	3.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.315 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BN033510.D
 Acq: 20 Aug 2024 17:39

Tgt Ion:264 Resp: 10260

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	77.2	52.2	78.2

