

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032602.D
 Acq On : 10 Jul 2024 00:24
 Operator : MA/JU
 Sample : P3167-08RE
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240703RE

Quant Time: Jul 10 01:03:59 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	5114	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	15939	0.400	ng	0.01
13) Acenaphthene-d10	14.242	164	11709	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	25762	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	18748	0.400	ng	0.00
35) Perylene-d12	23.428	264	10330	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	583	0.045	ng	0.01
5) Phenol-d6	6.801	99	152	0.009	ng	-0.02
8) Nitrobenzene-d5	8.851	82	4061m	0.341	ng	0.05
11) 2-Methylnaphthalene-d10	11.967	152	1628	0.065	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1316	0.248	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	13574	0.315	ng	0.01
27) Fluoranthene-d10	19.044	212	12884	0.192	ng	0.00
31) Terphenyl-d14	19.634	244	21296	0.465	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	492	0.073	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.094	149	2048	0.049	ng	96

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

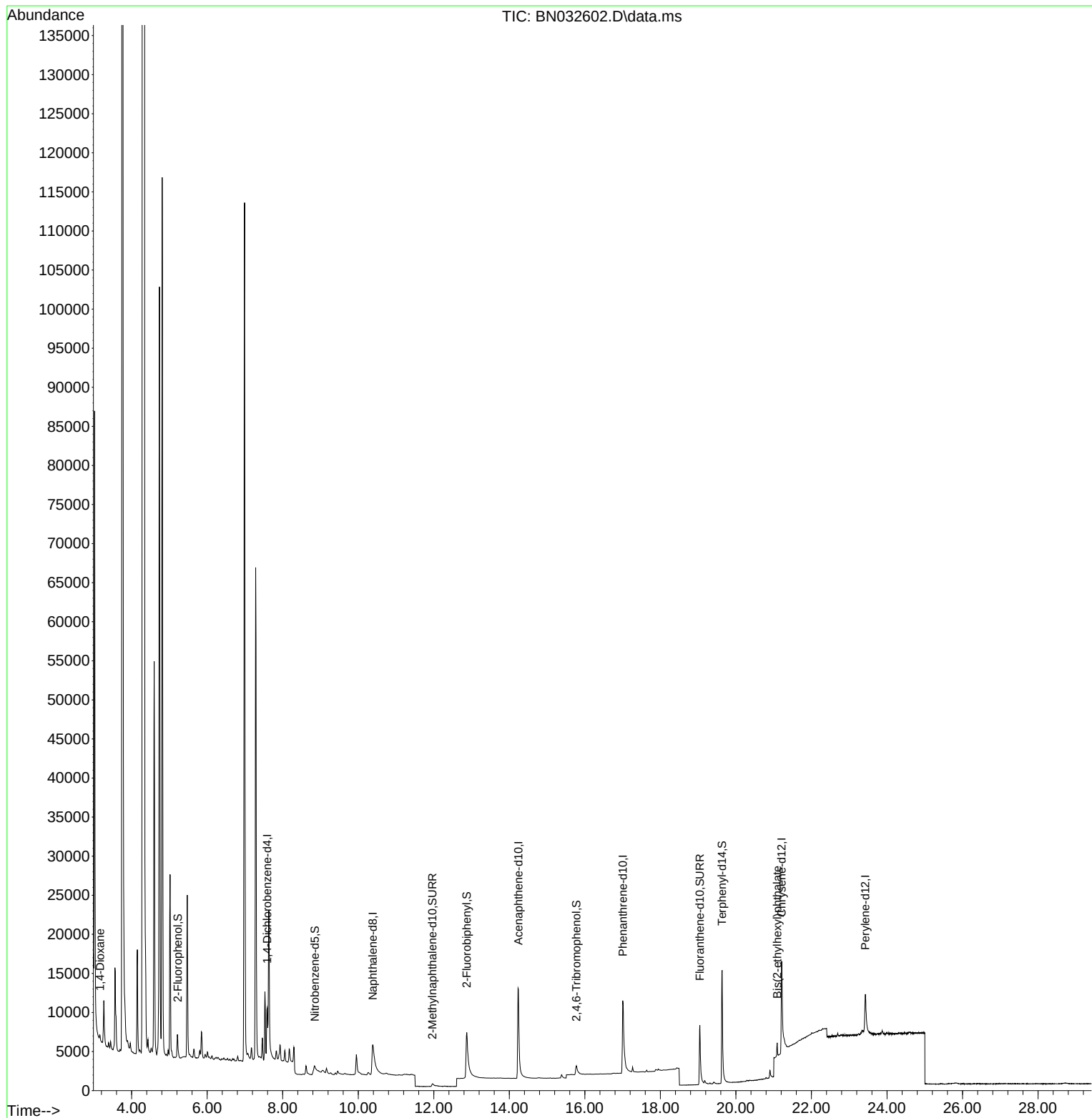
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032602.D
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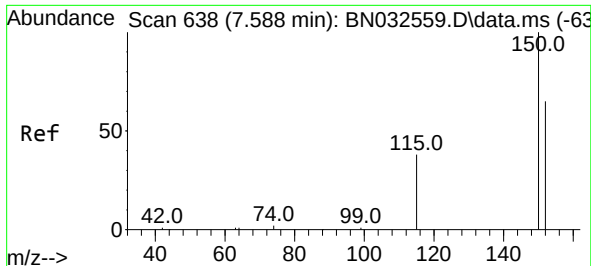
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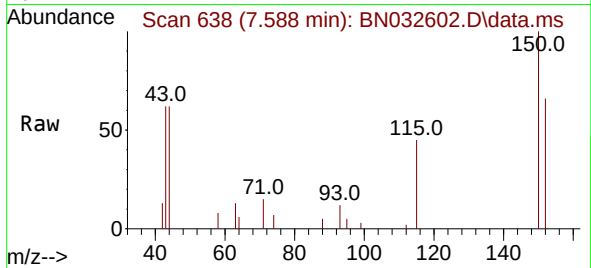
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

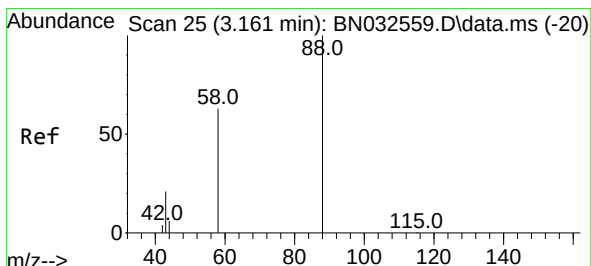
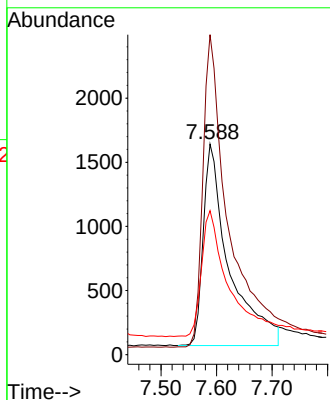
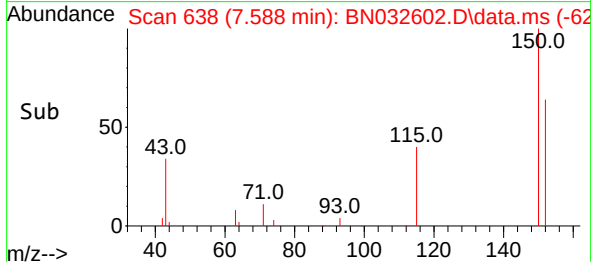
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE



Tgt Ion: 152 Resp: 5114
Ion Ratio Lower Upper
152 100
150 151.9 121.6 182.4
115 68.4 53.1 79.7

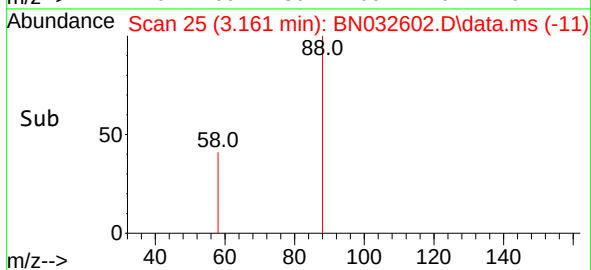
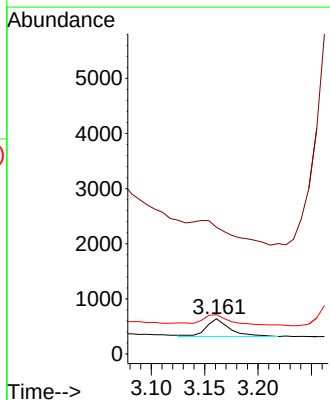
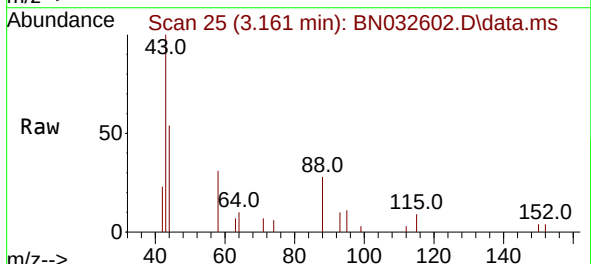
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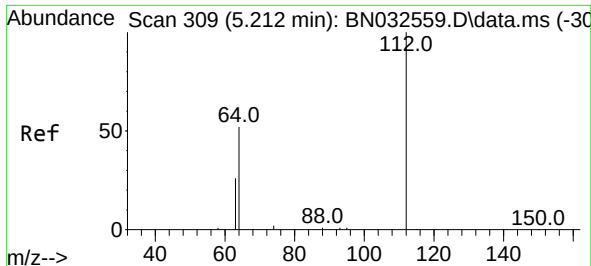
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#2
1,4-Dioxane
Concen: 0.073 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

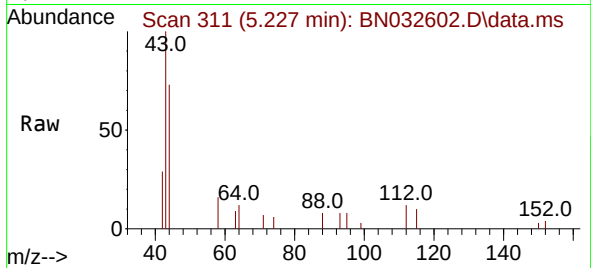
Tgt Ion: 88 Resp: 492
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 79.3 51.0 76.6#





#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.227 min Scan# 311
Delta R.T. 0.014 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

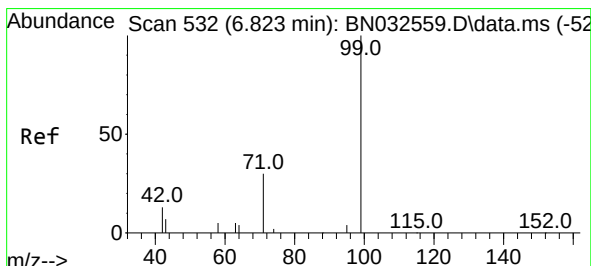
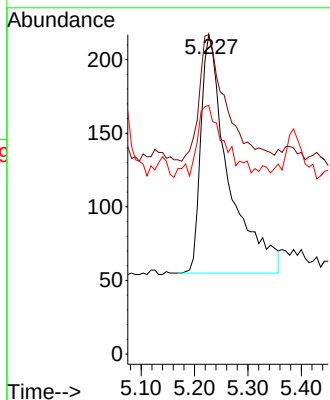
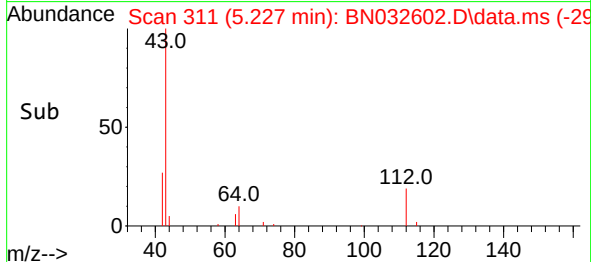
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE



Tgt Ion: 112 Resp: 58
Ion Ratio Lower Upper
112 100
64 51.5 41.2 61.8
63 30.9 21.6 32.4

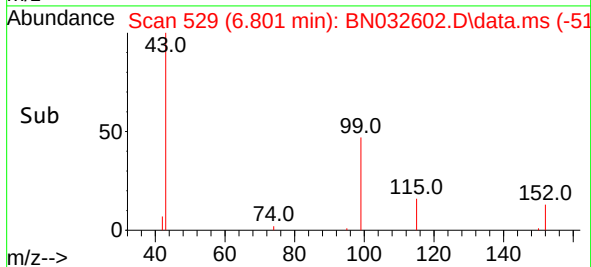
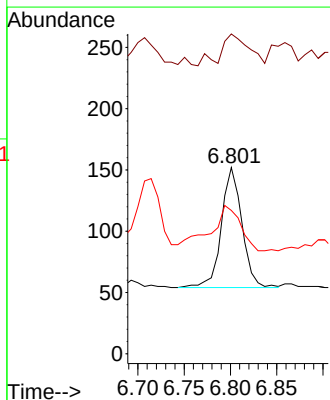
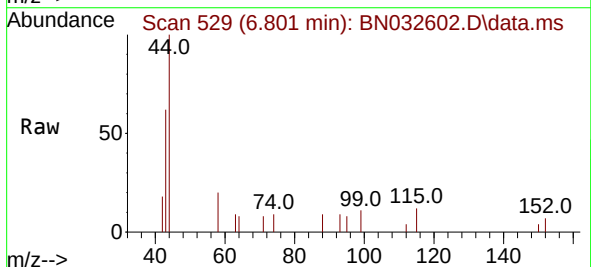
Manual Integrations
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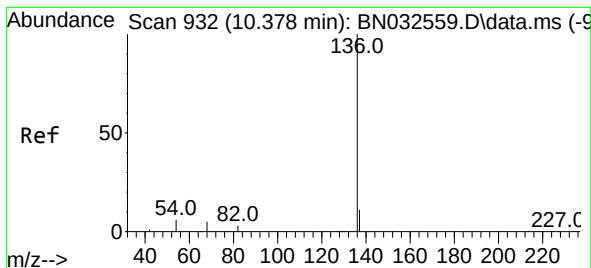
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.801 min Scan# 529
Delta R.T. -0.022 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion: 99 Resp: 152
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# 91

Delta R.T. 0.011 min

Lab File: BN032602.D

Acq: 10 Jul 2024 00:24

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240703RE

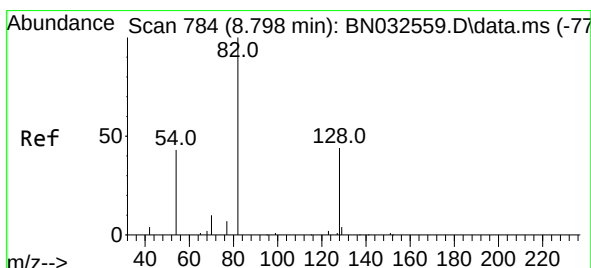
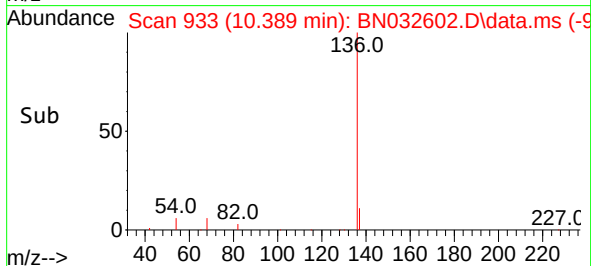
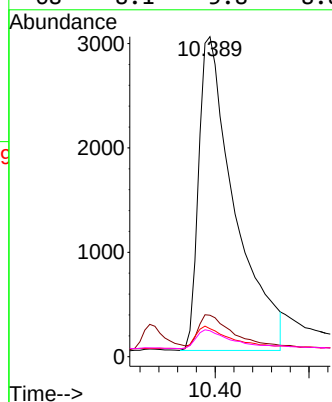
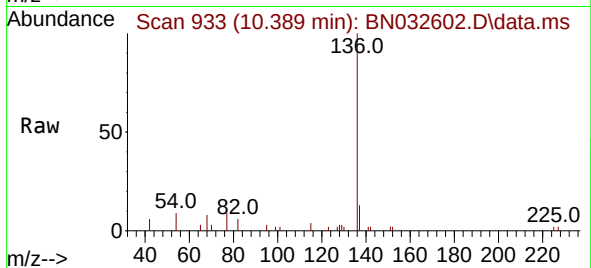
Tgt Ion:	136	Resp:	1593
Ion Ratio	Lower	Upper	
136	100		
137	12.9	10.0	15.0
54	8.8	6.6	9.8
68	8.1	5.8	8.8

Manual Integrations

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#8

Nitrobenzene-d5

Concen: 0.341 ng m

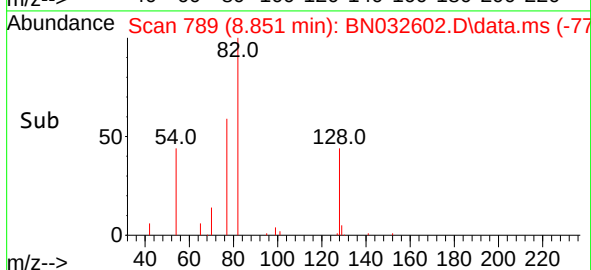
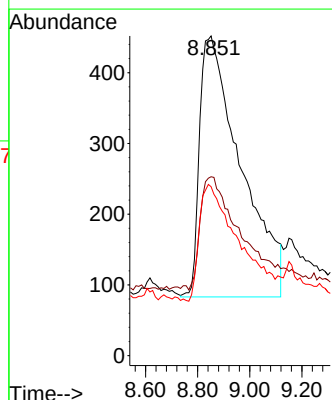
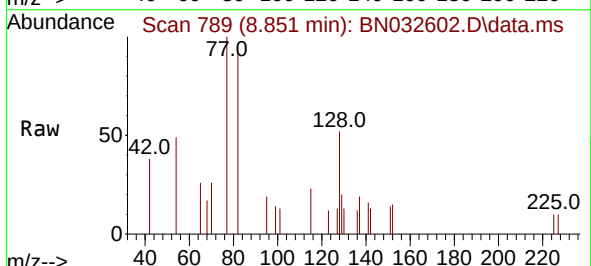
RT: 8.851 min Scan# 789

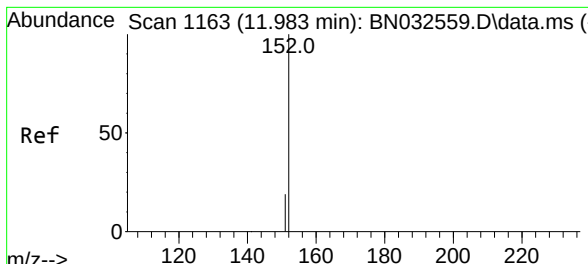
Delta R.T. 0.053 min

Lab File: BN032602.D

Acq: 10 Jul 2024 00:24

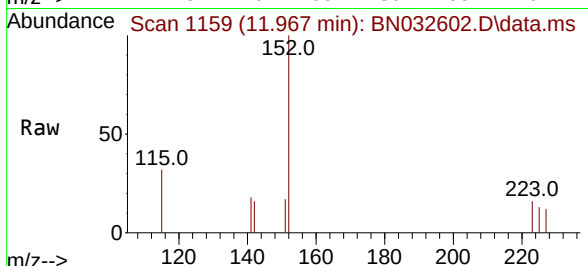
Tgt Ion:	82	Resp:	4061
Ion Ratio	Lower	Upper	
82	100		
128	56.0	43.4	65.2
54	52.9	40.2	60.2





#11
2-Methylnaphthalene-d10
Concen: 0.065 ng
RT: 11.967 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

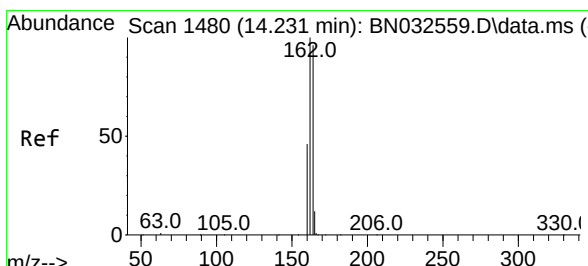
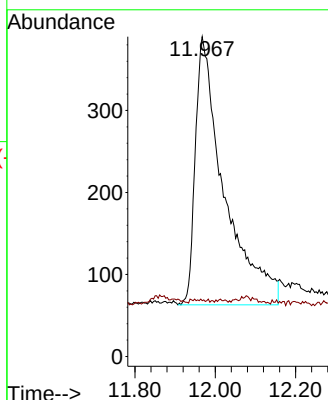
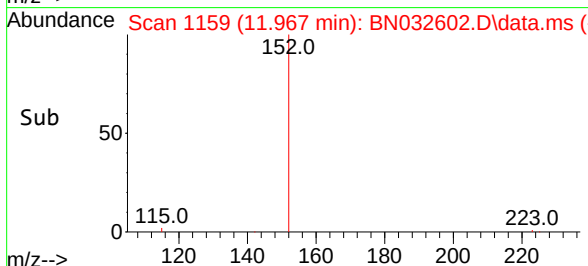
Instrument : BNA_N
ClientSampleId : VPB196-HYD-20240703RE



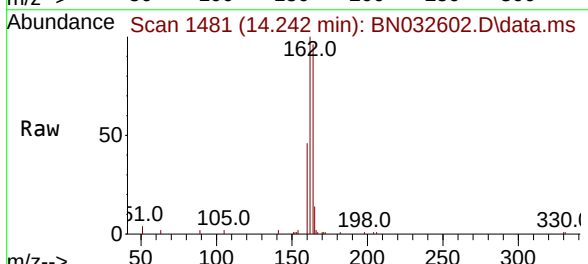
Tgt Ion:152 Resp: 1628
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6

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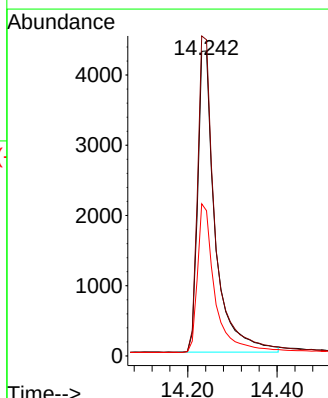
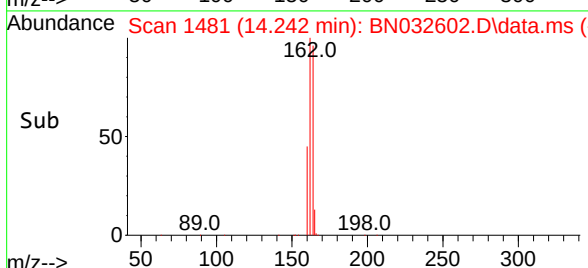
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

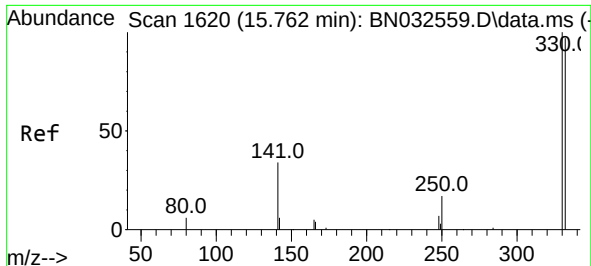


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24



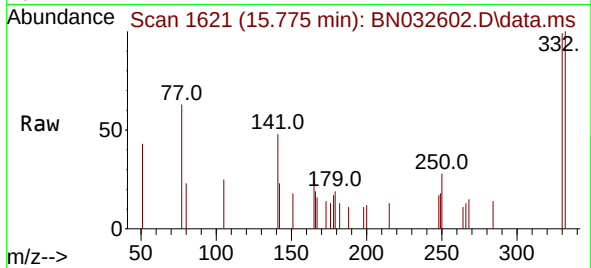
Tgt Ion:164 Resp: 11709
Ion Ratio Lower Upper
164 100
162 103.7 83.2 124.8
160 47.6 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

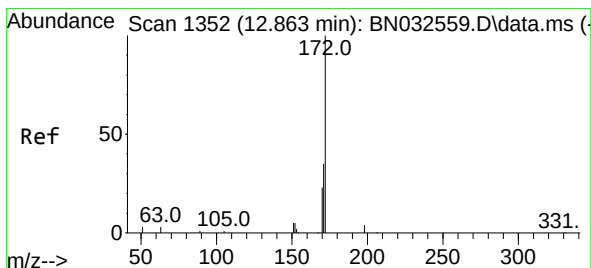
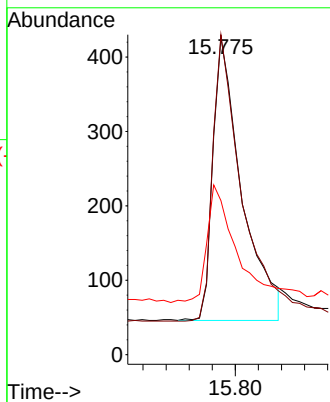
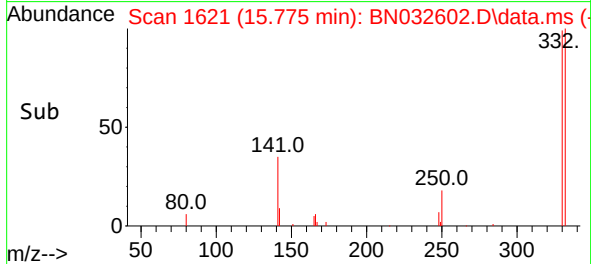
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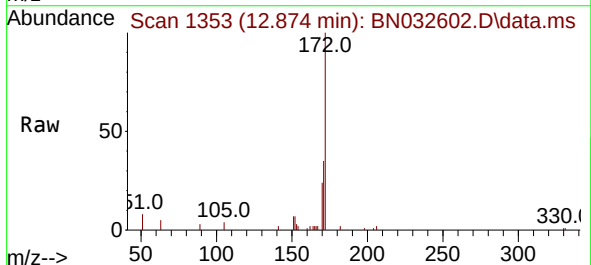
Tgt Ion:330 Resp: 1310
Ion Ratio Lower Upper
330 100
332 100.5 77.7 116.5
141 40.7 31.8 47.8

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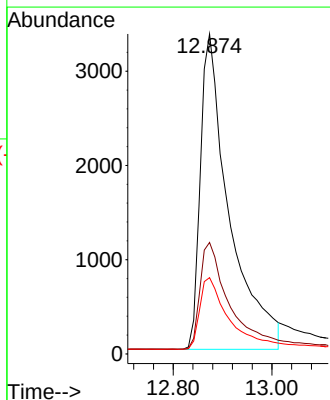
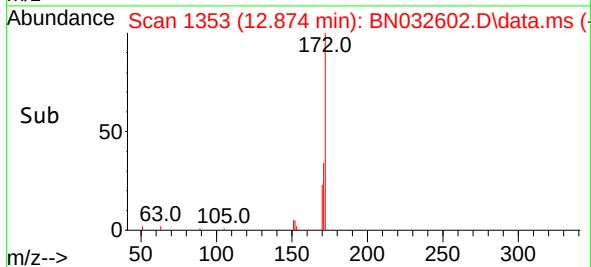
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

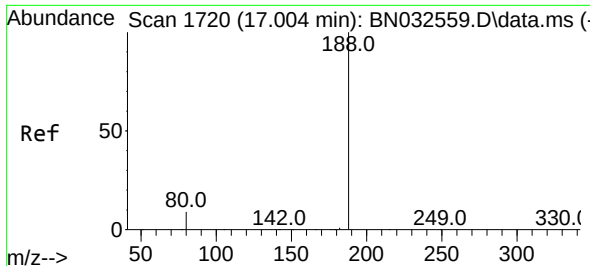


#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24



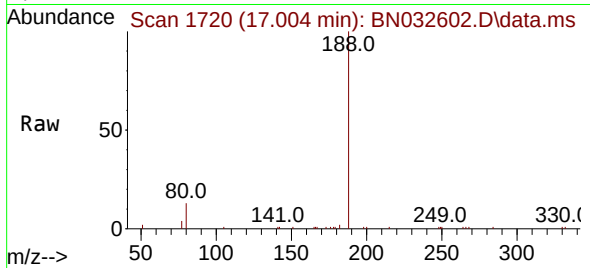
Tgt Ion:172 Resp: 13574
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.8 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

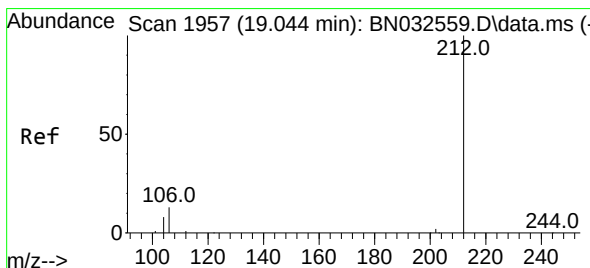
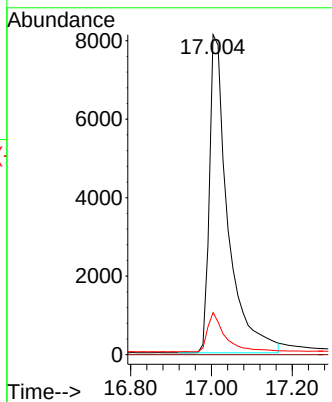
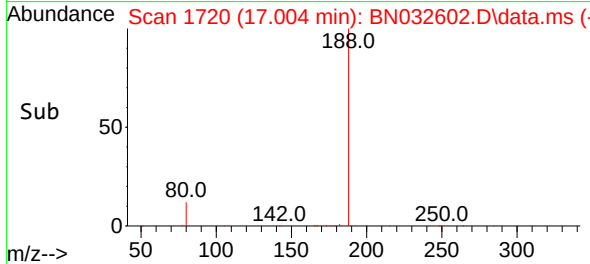
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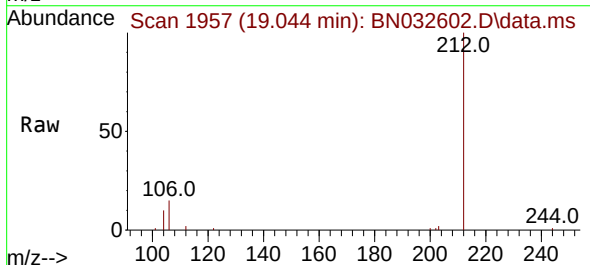
Tgt Ion:188 Resp: 25762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.8 11.6

Manual Integrations
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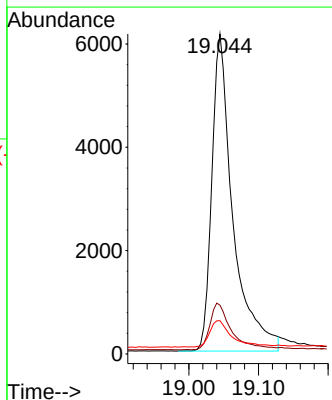
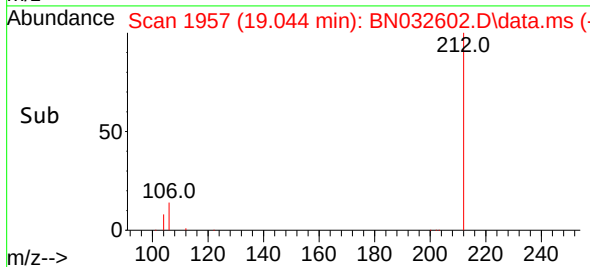
Reviewed By :Yogesh Patel 07/10/2024
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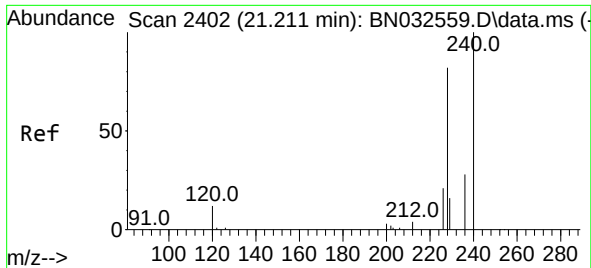


#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.044 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24



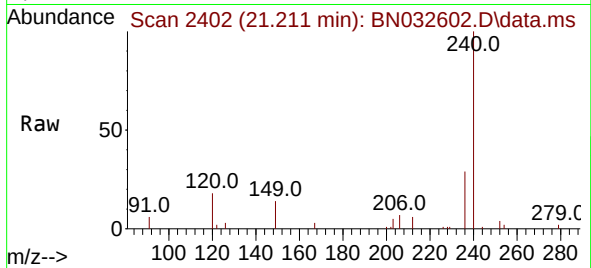
Tgt Ion:212 Resp: 12884
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.7 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

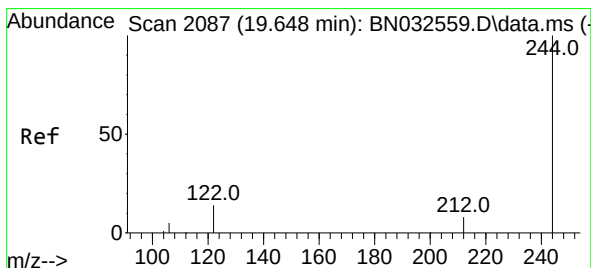
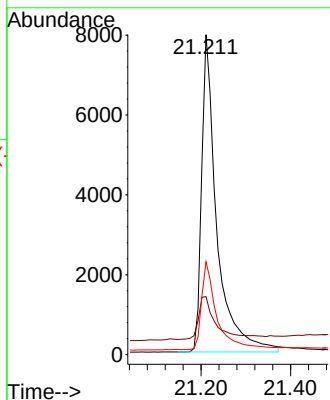
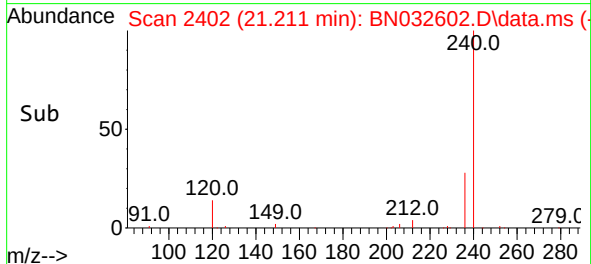
Instrument :
BNA_N
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VPB196-HYD-20240703RE



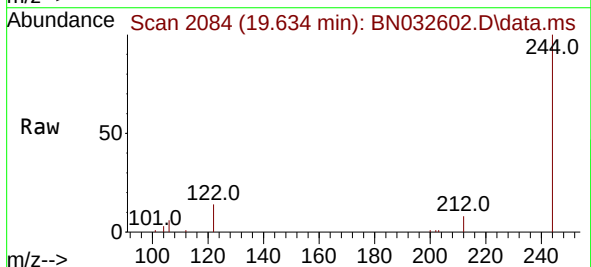
Tgt Ion:240 Resp: 18748
Ion Ratio Lower Upper
240 100
120 18.2 13.0 19.4
236 29.1 23.1 34.7

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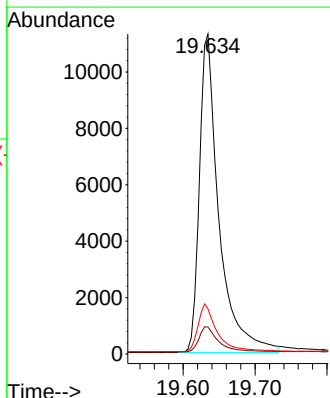
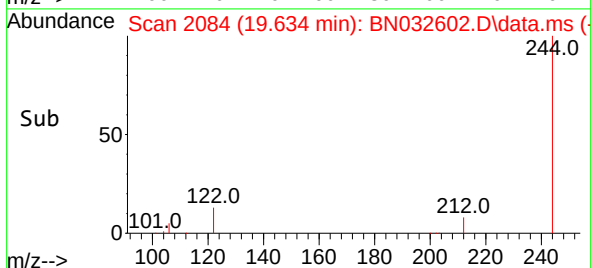
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

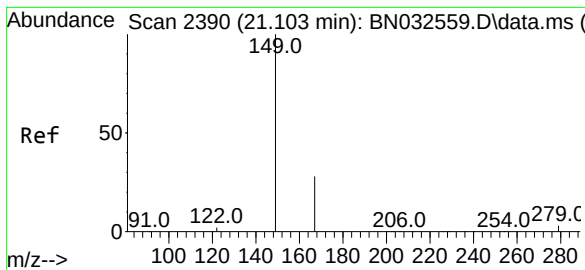


#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.634 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24



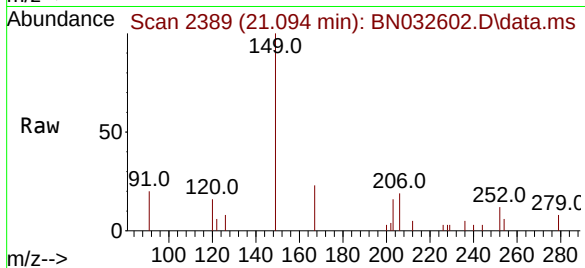
Tgt Ion:244 Resp: 21296
Ion Ratio Lower Upper
244 100
212 8.4 7.2 10.8
122 14.1 12.1 18.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.094 min Scan# 2104
Delta R.T. -0.009 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

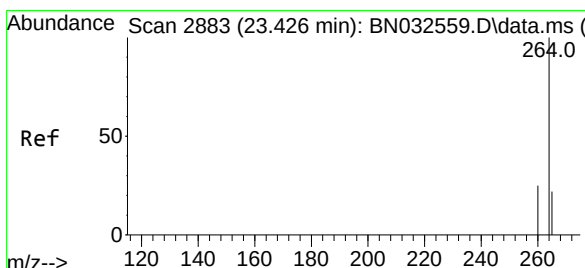
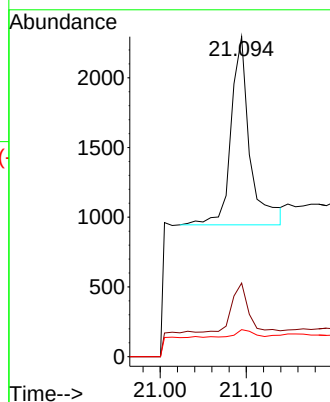
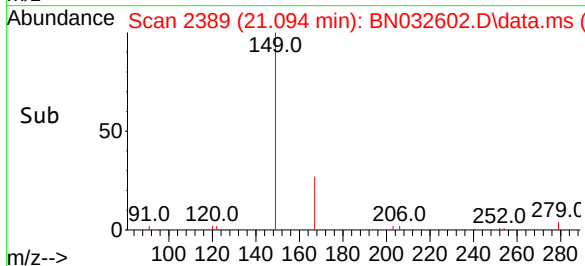
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE



Tgt Ion:149 Resp: 2048
Ion Ratio Lower Upper
149 100
167 24.5 21.6 32.4
279 3.8 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: 23.428 min Scan# 2884
Delta R.T. 0.003 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion:264 Resp: 10330
Ion Ratio Lower Upper
264 100
260 27.2 21.0 31.6
265 151.5 76.6 115.0#

