

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032598.D
 Acq On : 09 Jul 2024 21:59
 Operator : MA/JU
 Sample : P3128-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-638-640

Manual Integrations
 APPROVED

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

Quant Time: Jul 10 01:02:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	3793	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	12973	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	8110	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	16570	0.400	ng	0.00
29) Chrysene-d12	21.211	240	13896	0.400	ng	0.00
35) Perylene-d12	23.423	264	13068	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1674	0.175	ng	0.00
5) Phenol-d6	6.880	99	1309m	0.107	ng	0.06
8) Nitrobenzene-d5	8.798	82	1539	0.159	ng	0.00
11) 2-Methylnaphthalene-d10	11.956	152	6493	0.317	ng	-0.03
14) 2,4,6-Tribromophenol	15.762	330	1041	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.842	172	9021	0.302	ng	-0.02
27) Fluoranthene-d10	19.035	212	15881	0.368	ng	0.00
31) Terphenyl-d14	19.630	244	12673	0.373	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.154	88	28618	5.730	ng	98
34) Bis(2-ethylhexyl)phtha...	21.094	149	5238	0.168	ng	97

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

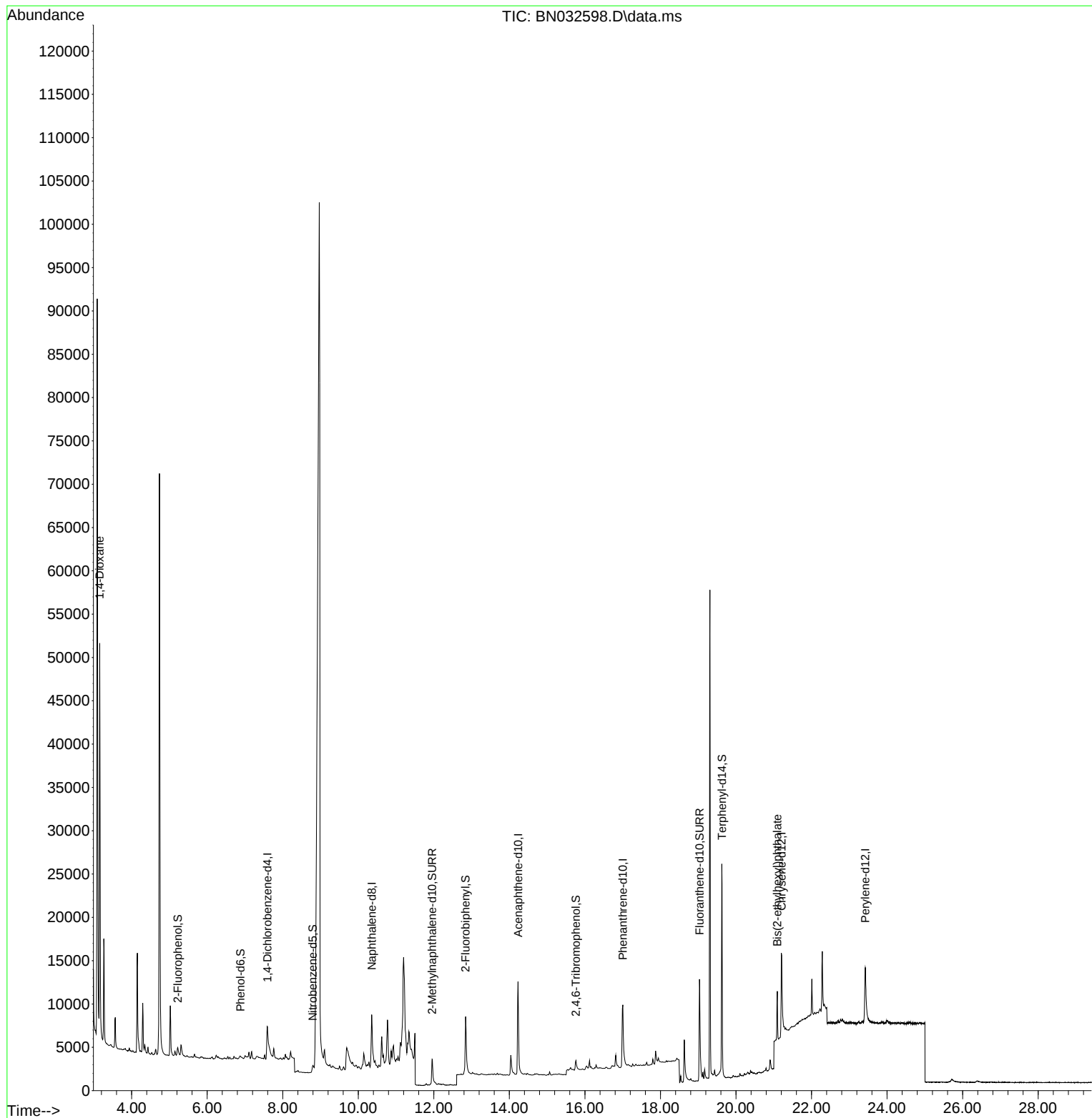
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032598.D
Acq On : 09 Jul 2024 21:59
Operator : MA/JU
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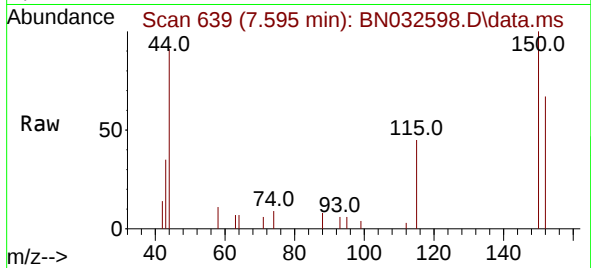
Quant Time: Jul 10 01:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.595 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN032598.D
 Acq: 09 Jul 2024 21:59

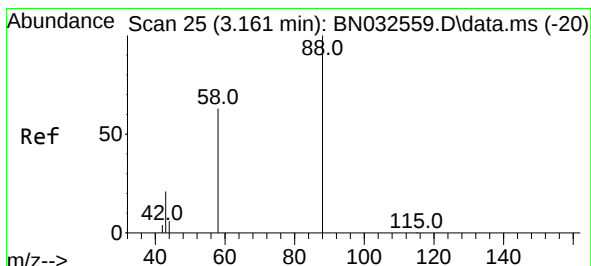
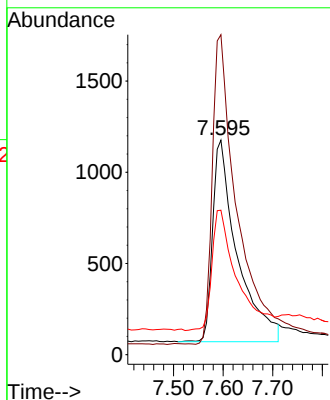
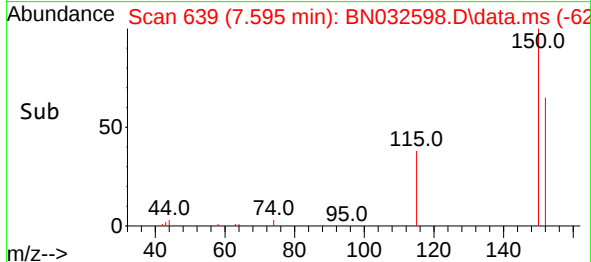
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-638-640



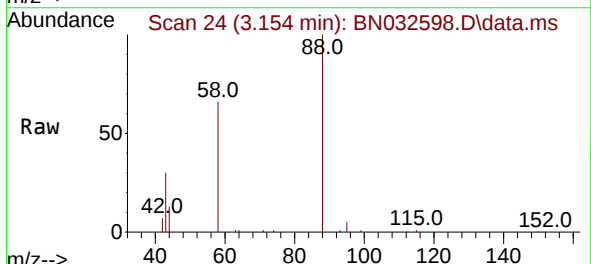
Tgt Ion:152 Resp: 379
 Ion Ratio Lower Upper
 152 100
 150 149.1 121.6 182.4
 115 67.3 53.1 79.7

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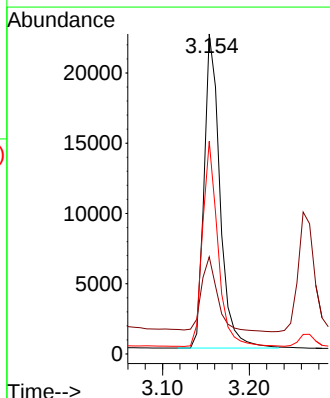
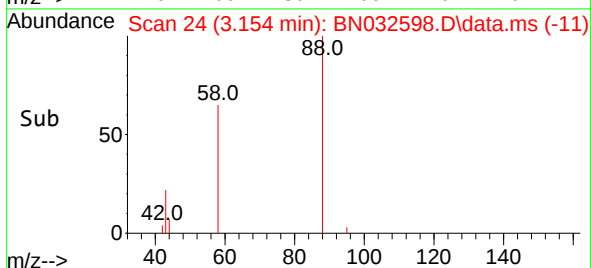
Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

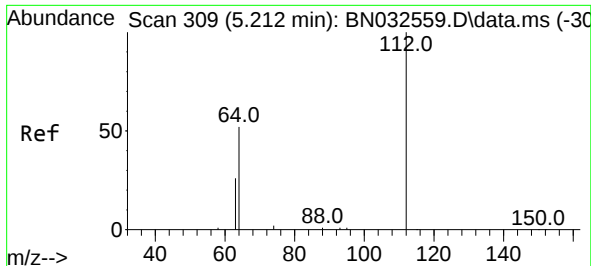


#2
 1,4-Dioxane
 Concen: 5.730 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN032598.D
 Acq: 09 Jul 2024 21:59



Tgt Ion: 88 Resp: 28618
 Ion Ratio Lower Upper
 88 100
 43 24.3 20.4 30.6
 58 62.7 51.0 76.6





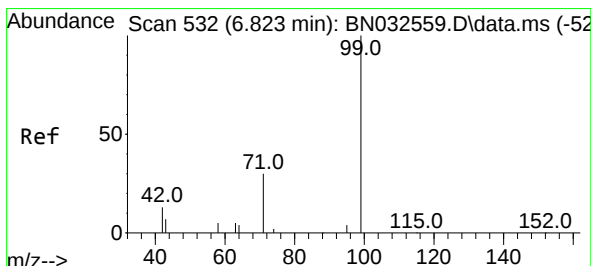
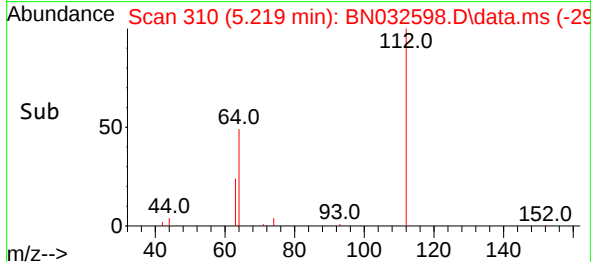
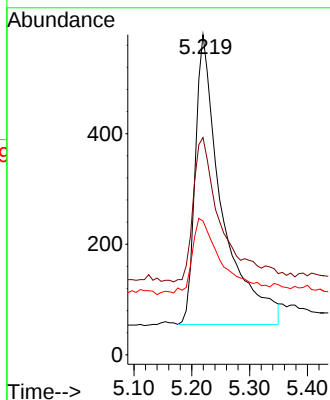
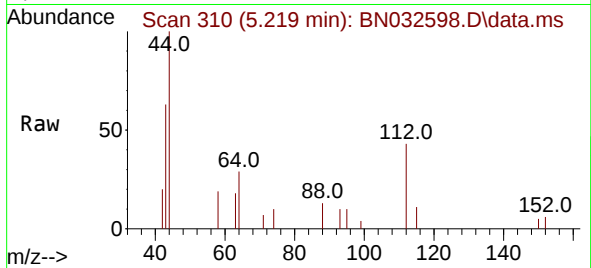
#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640

Tgt Ion: 112 Resp: 1674
Ion Ratio Lower Upper
112 100
64 50.1 41.2 61.8
63 30.3 21.6 32.4

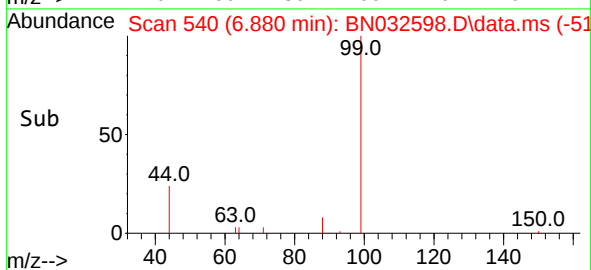
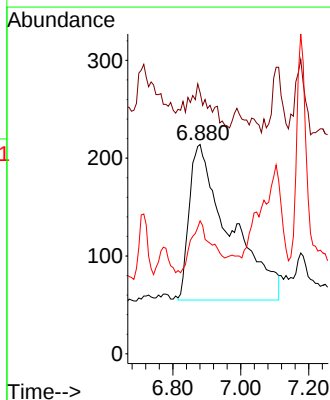
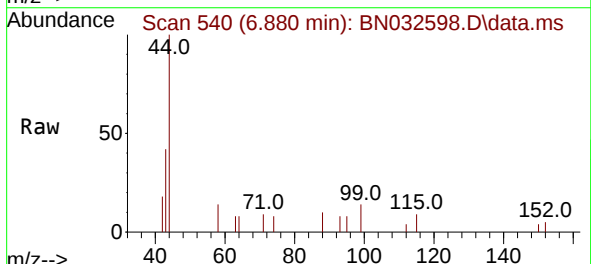
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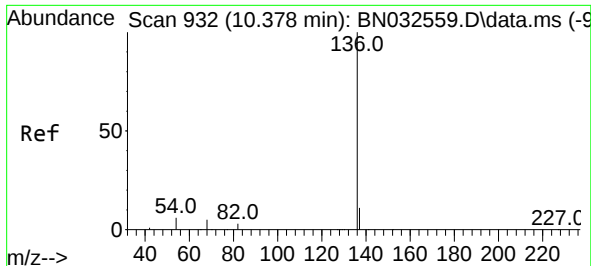
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.107 ng m
RT: 6.880 min Scan# 540
Delta R.T. 0.058 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

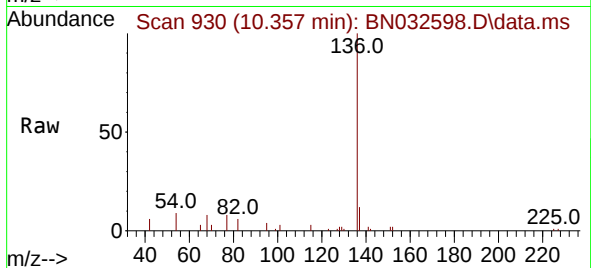
Tgt Ion: 99 Resp: 1309
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 17.3 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

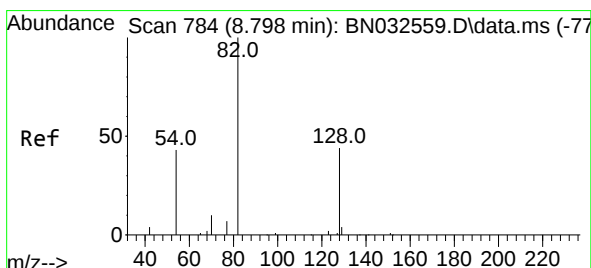
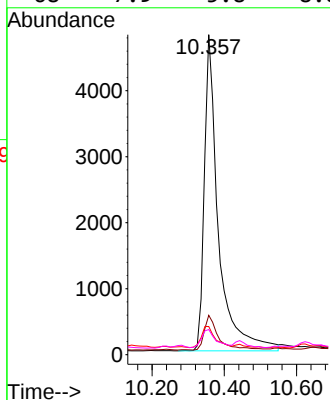
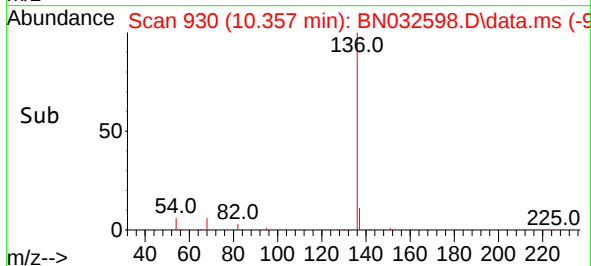
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640



Tgt Ion:136 Resp: 1297
Ion Ratio Lower Upper
136 100
137 12.3 10.0 15.0
54 8.8 6.6 9.8
68 7.9 5.8 8.8

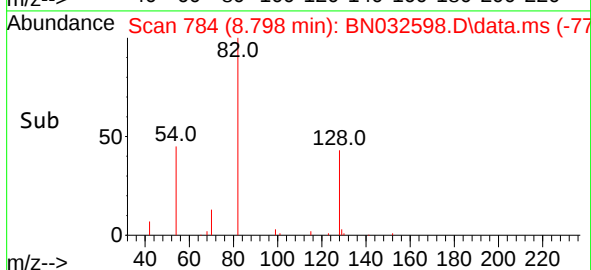
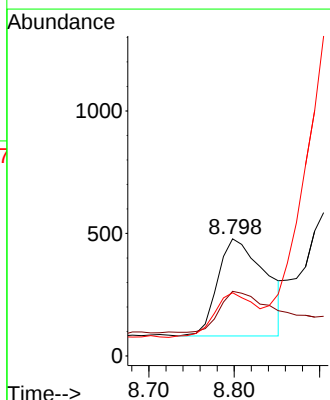
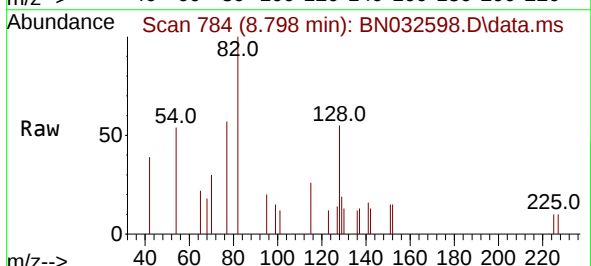
Manual Integrations
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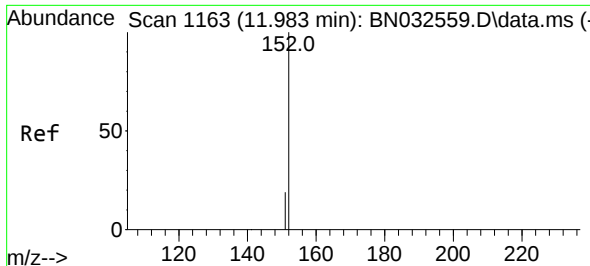
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

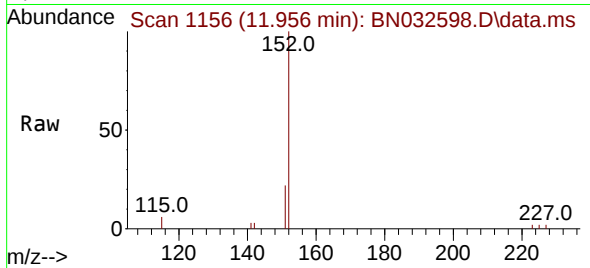
Tgt Ion: 82 Resp: 1539
Ion Ratio Lower Upper
82 100
128 55.2 43.4 65.2
54 54.0 40.2 60.2





#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.956 min Scan# 1163
Delta R.T. -0.026 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

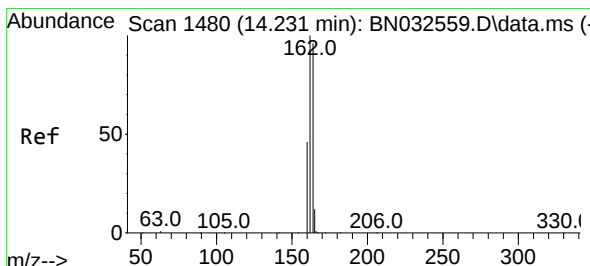
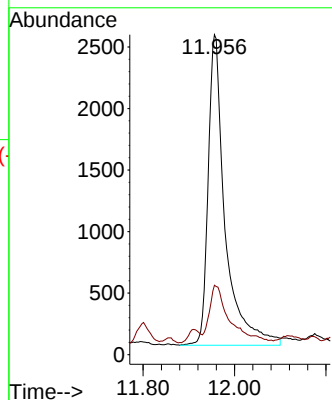
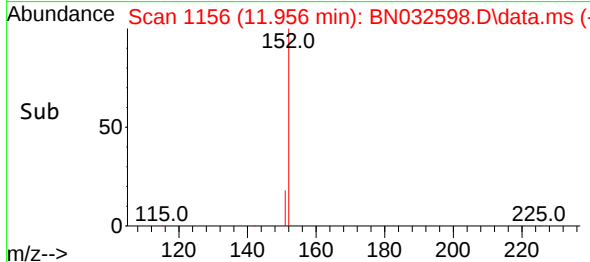
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BNA_N
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BP-VPB-189-GW-638-640



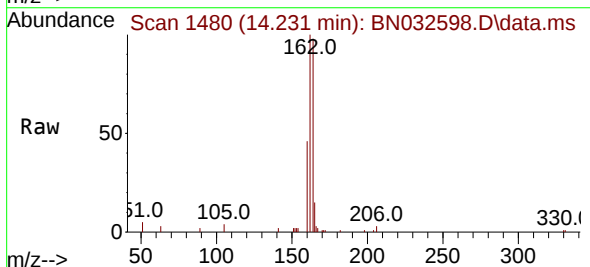
Tgt Ion:152 Resp: 649
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6

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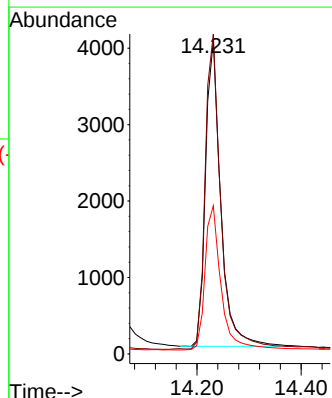
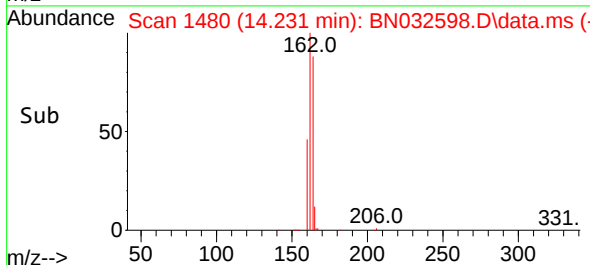
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

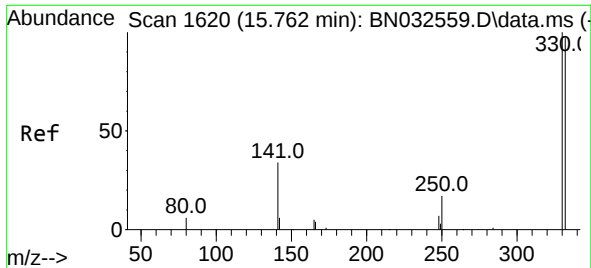


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59



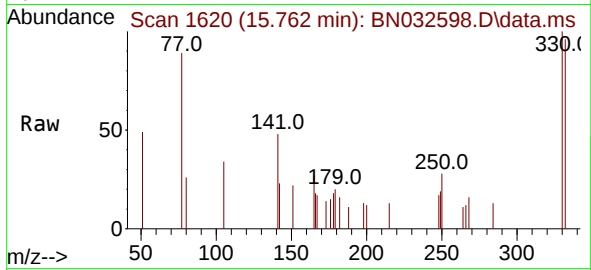
Tgt Ion:164 Resp: 8110
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 47.2 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.762 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

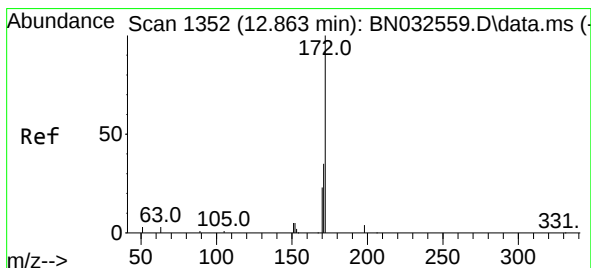
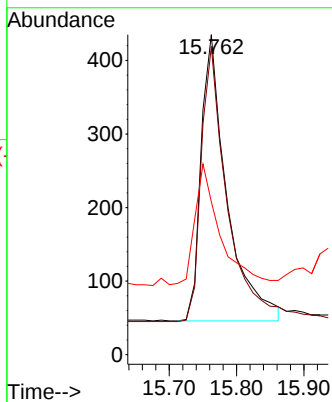
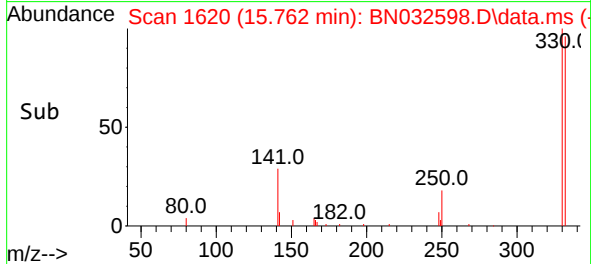
Instrument :
BNA_N
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BP-VPB-189-GW-638-640



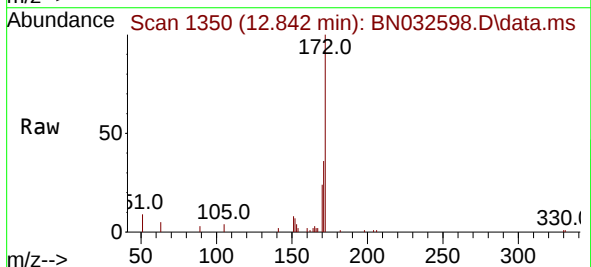
Tgt Ion:330 Resp: 104
Ion Ratio Lower Upper
330 100
332 95.7 77.7 116.5
141 40.3 31.8 47.8

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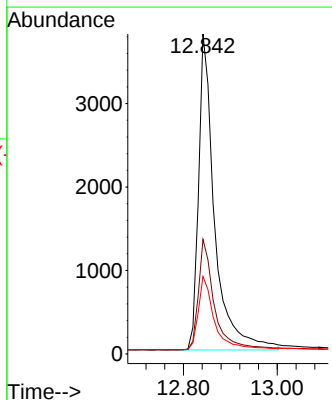
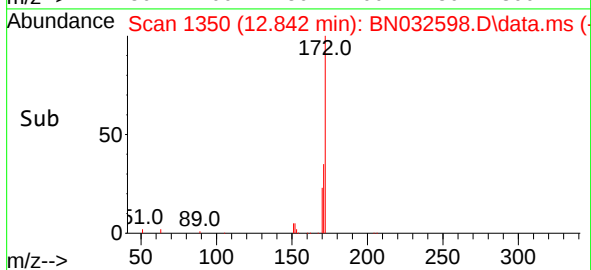
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

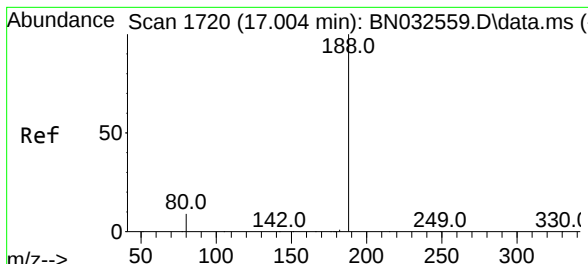


#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.842 min Scan# 1350
Delta R.T. -0.021 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59



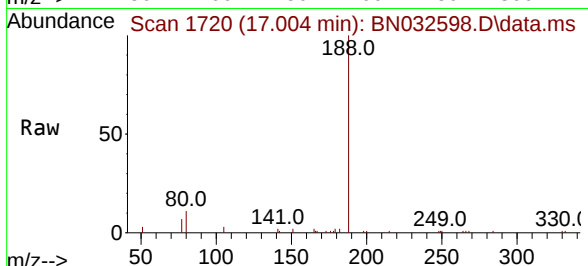
Tgt Ion:172 Resp: 9021
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

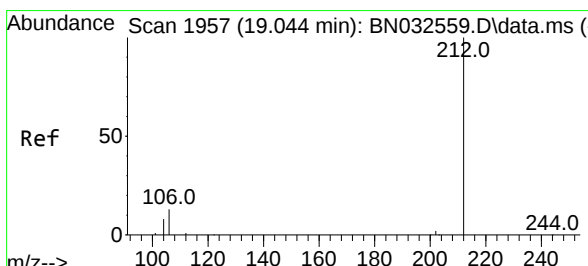
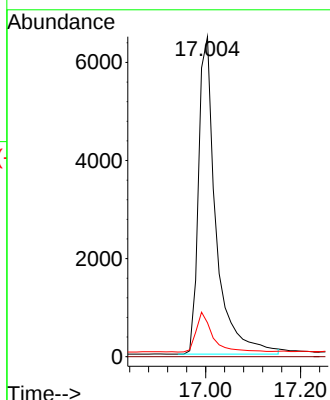
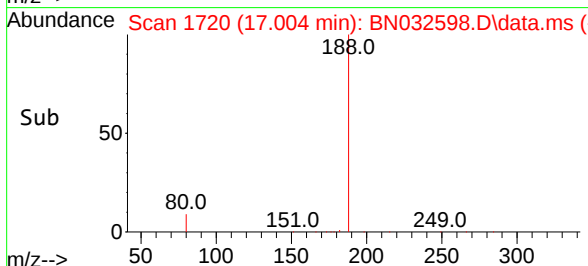
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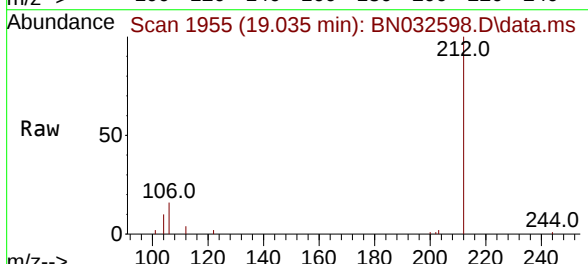
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 7.8 11.6

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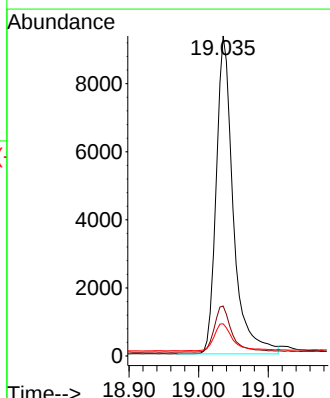
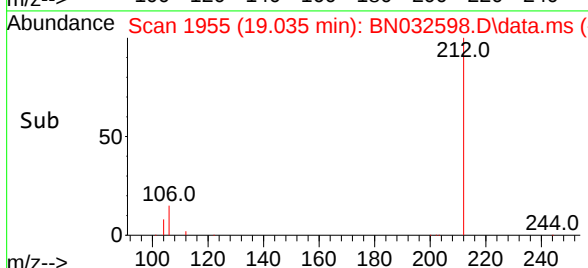
Reviewed By :Yogesh Patel 07/10/2024
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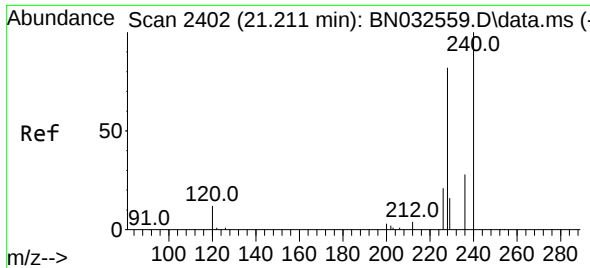


#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.035 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59



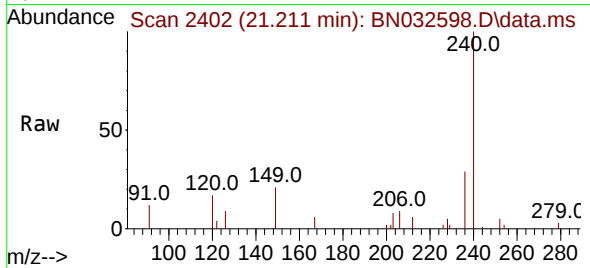
Tgt Ion:212 Resp: 15881
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 9.7 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

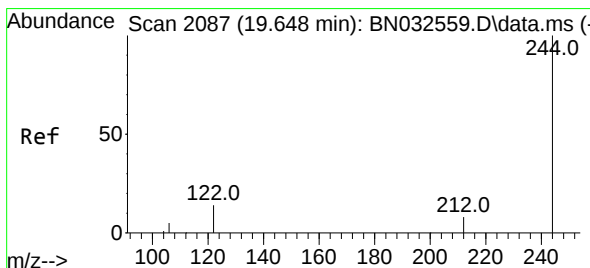
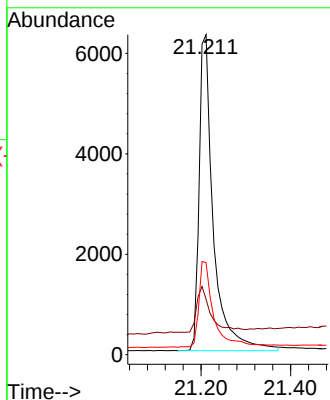
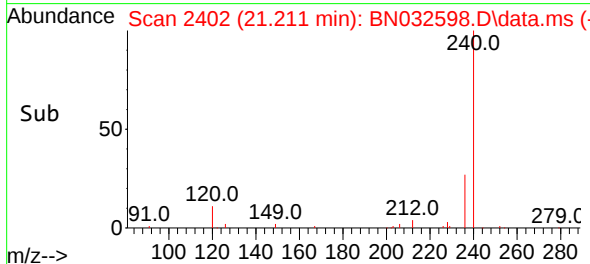
Instrument :
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BP-VPB-189-GW-638-640



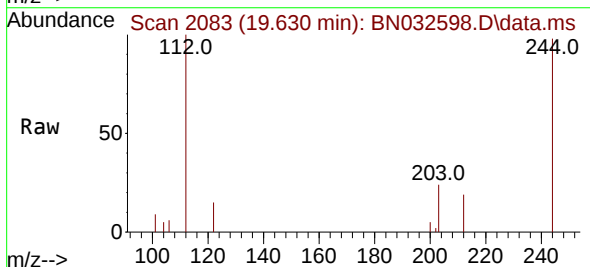
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Ion Ratio Lower Upper
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120 17.4 13.0 19.4
236 28.8 23.1 34.7

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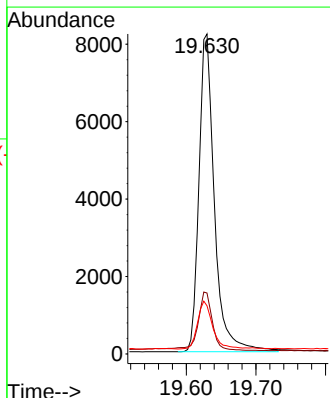
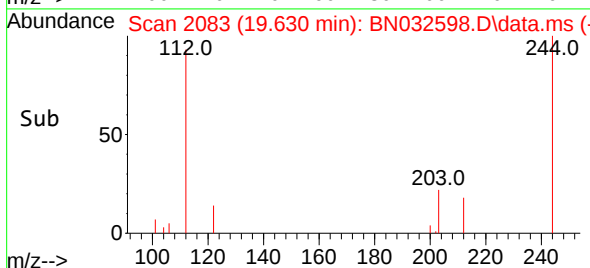
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

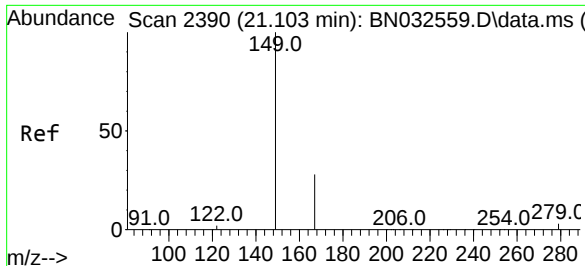


#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59



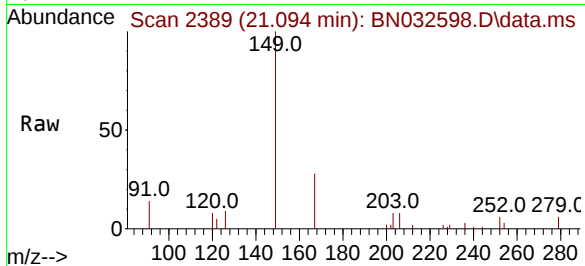
Tgt Ion:244 Resp: 12673
Ion Ratio Lower Upper
244 100
212 19.1 7.2 10.8#
122 15.0 12.1 18.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.094 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

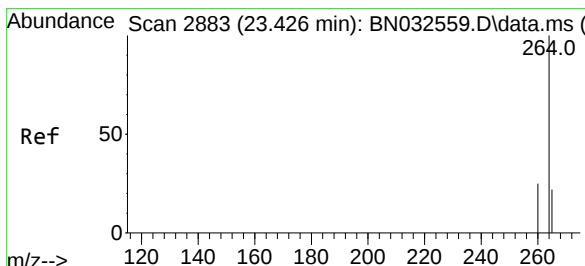
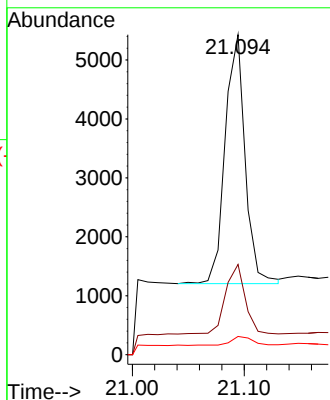
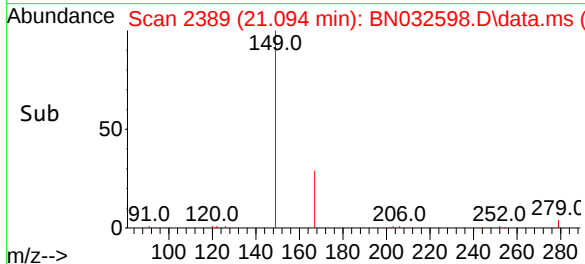
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-638-640



Tgt Ion:149 Resp: 5238
Ion Ratio Lower Upper
149 100
167 28.8 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: 23.423 min Scan# 2882
Delta R.T. -0.003 min
Lab File: BN032598.D
Acq: 09 Jul 2024 21:59

Tgt Ion:264 Resp: 13068
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 124.5 76.6 115.0#

