

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017802.D
 Acq On : 08 Dec 2021 16:35
 Operator : CG/JU
 Sample : M4924-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW38-RW3-MW1-20211202

Quant Time: Dec 09 11:04:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21226	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85027	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	58317	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	122358	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	120296	0.400	ng	# 0.01
35) Perylene-d12	23.592	264	96772	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	6764	0.132	ng	0.02
5) Phenol-d6	6.912	99	3626	0.075	ng	0.00
8) Nitrobenzene-d5	8.859	82	16769m	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	41250	0.243	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6820	0.224	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	64368	0.301	ng	0.01
27) Fluoranthene-d10	19.129	212	140179	0.343	ng	0.00
31) Terphenyl-d14	19.735	244	135922	0.526	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	29263	3.745	ng	# 100
34) Bis(2-ethylhexyl)phtha...	21.219	149	29578	0.176	ng	99

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

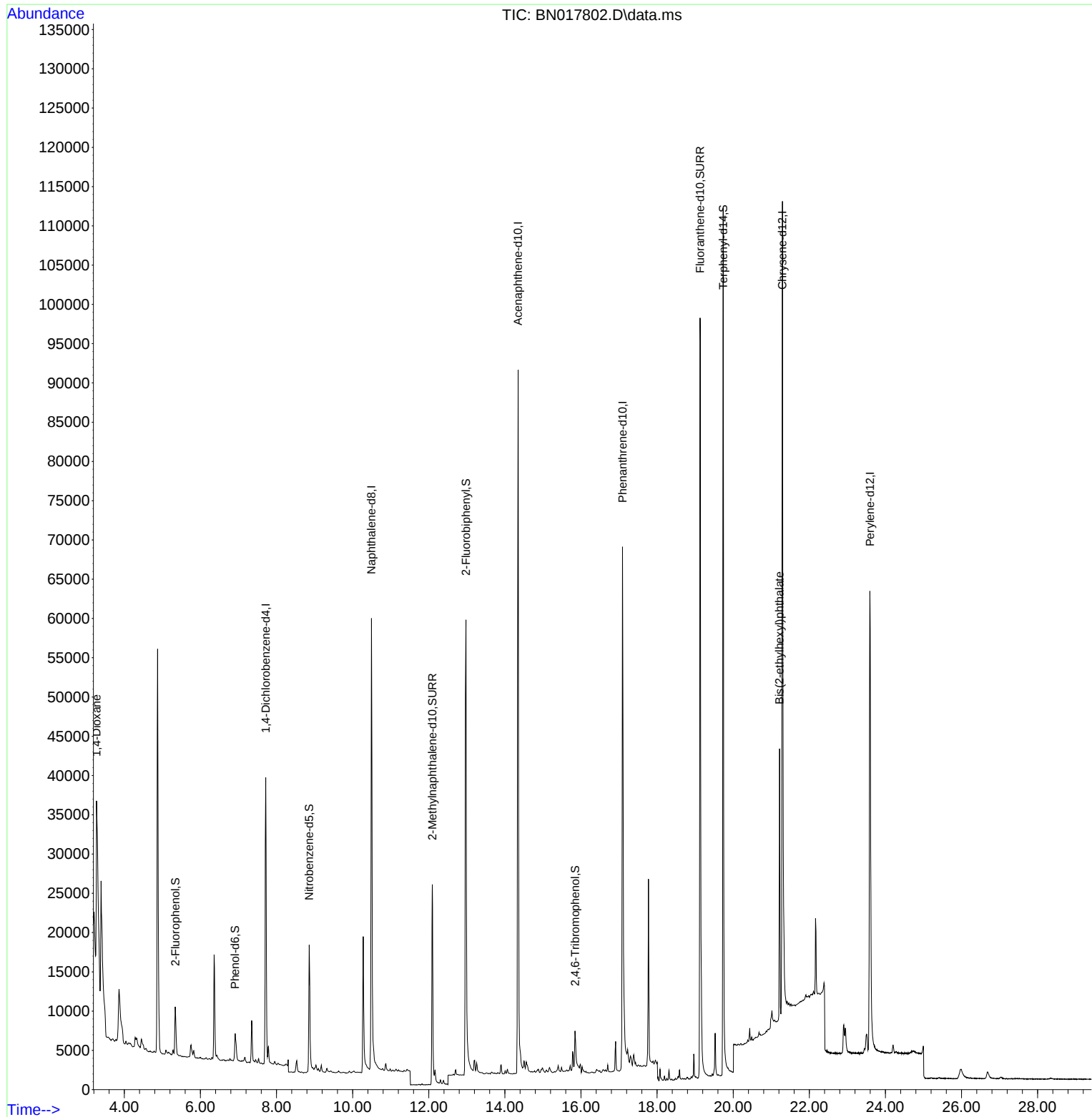
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017802.D
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ALS Vial : 7 Sample Multiplier: 1

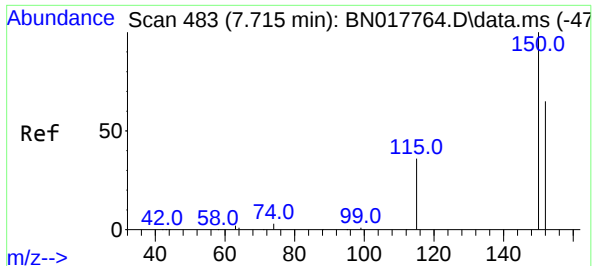
Instrument :
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Quant Time: Dec 09 11:04:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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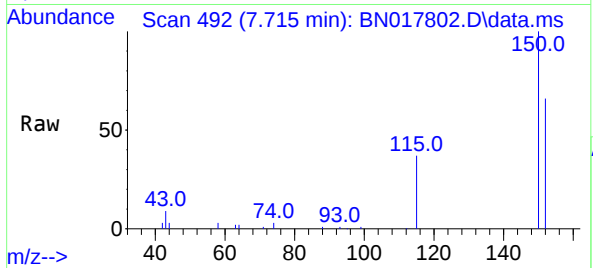
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

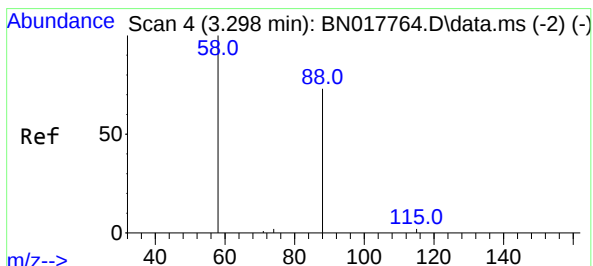
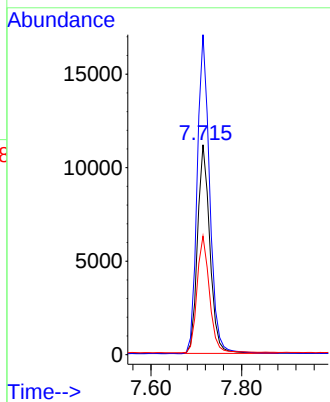
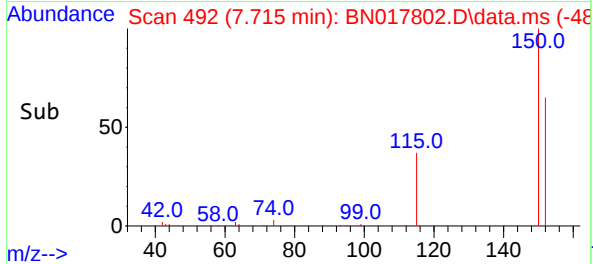
Instrument :
BNA_N
ClientSampleId :
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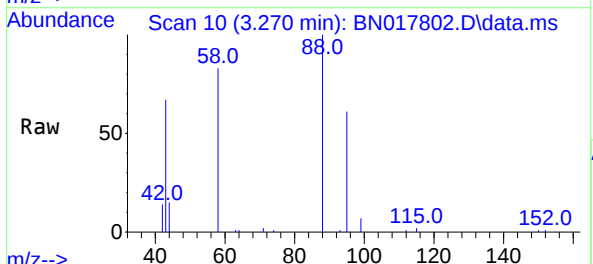
Tgt Ion:152 Resp: 21220
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.4
115 56.5 45.3 67.9

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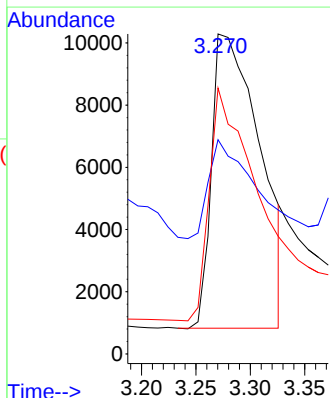
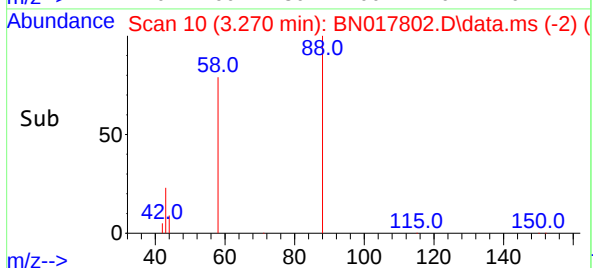
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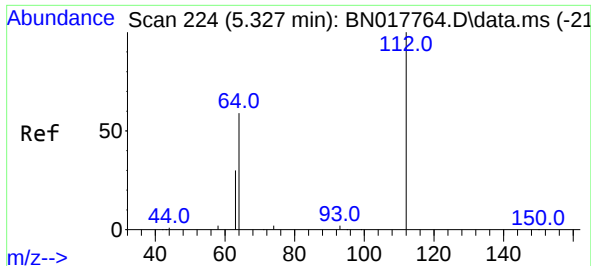


#2
1,4-Dioxane
Concen: 3.745 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35



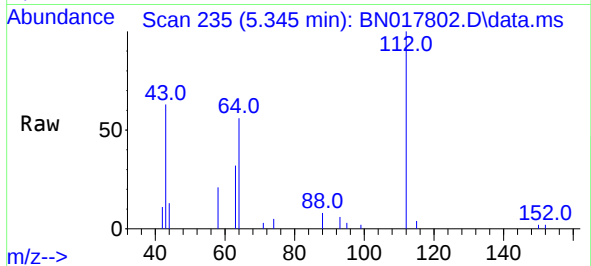
Tgt Ion: 88 Resp: 29263
Ion Ratio Lower Upper
88 100
43 30.2 0.0 0.0#
58 74.0 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.345 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

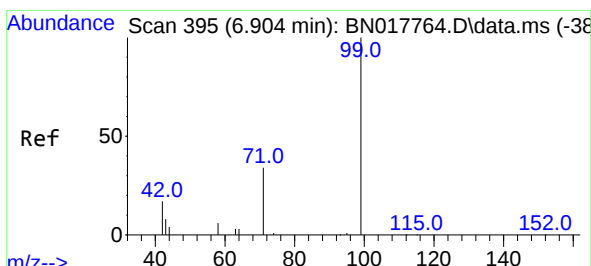
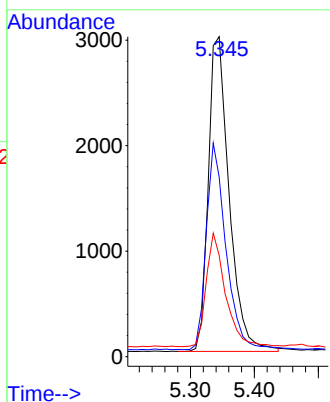
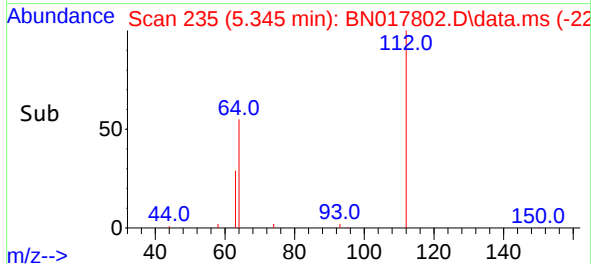
Instrument :
BNA_N
ClientSampleId :
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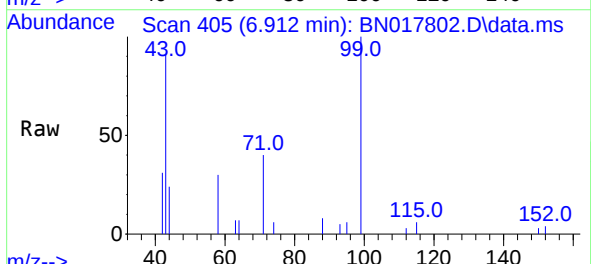
Tgt Ion: 112 Resp: 6764
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 33.3 25.8 38.8

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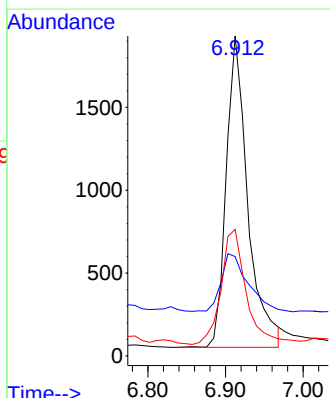
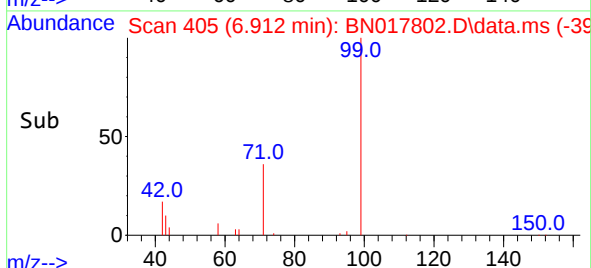
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

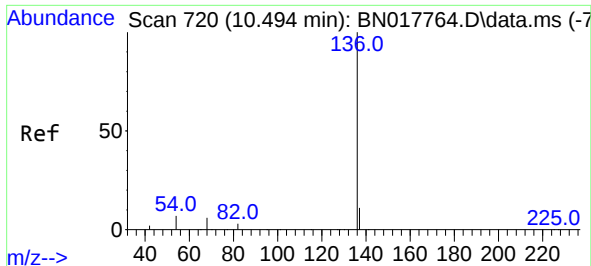


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.912 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35



Tgt Ion: 99 Resp: 3626
Ion Ratio Lower Upper
99 100
42 22.8 16.6 25.0
71 42.4 29.0 43.4





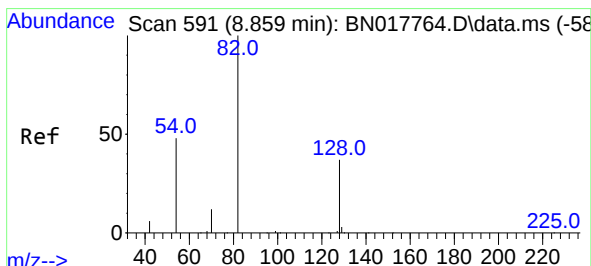
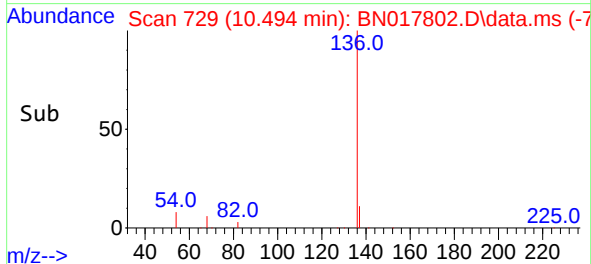
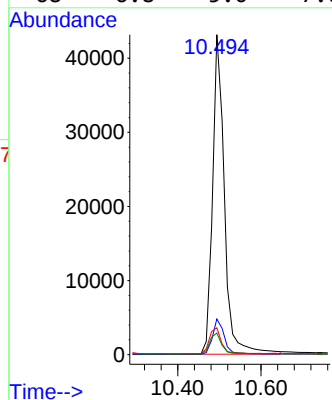
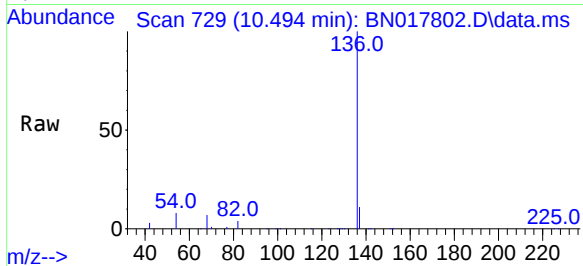
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

Instrument :
BNA_N
ClientSampleId :
GW38-RW3-MW1-20211202

Tgt Ion:	136	Resp:	8502
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	8.4	5.9	8.9
68	6.8	5.0	7.6

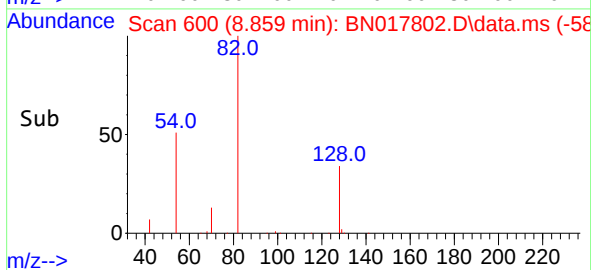
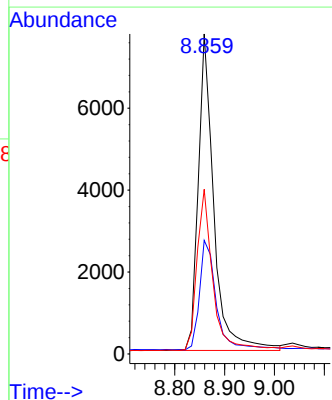
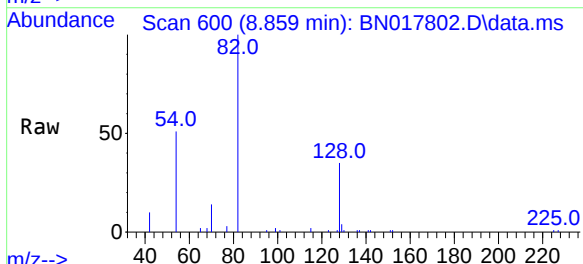
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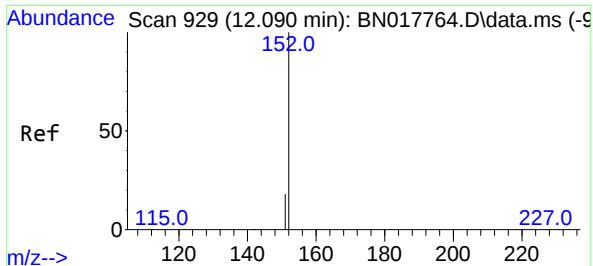
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#8
Nitrobenzene-d5
Concen: 0.296 ng m
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

Tgt Ion:	82	Resp:	16769
Ion Ratio	Lower	Upper	
82	100		
128	35.5	30.2	45.2
54	51.4	39.0	58.6





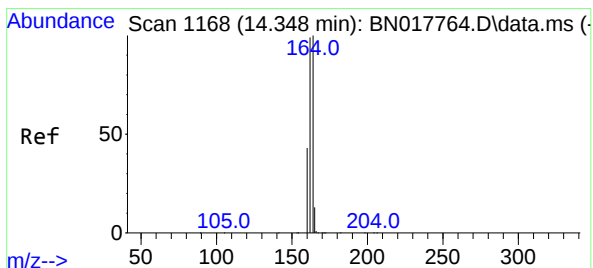
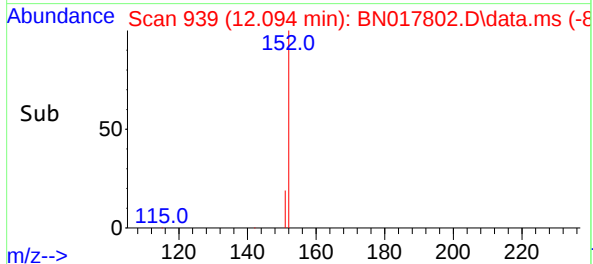
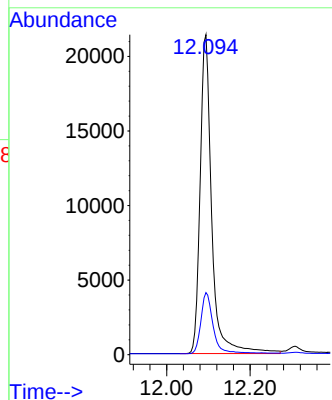
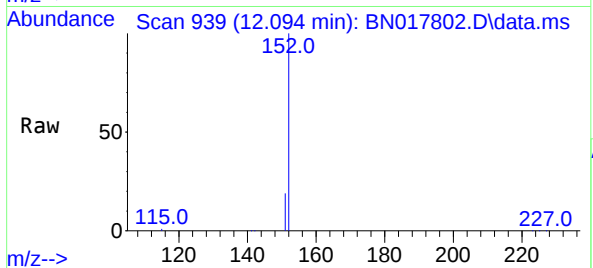
#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.094 min Scan# 911
Delta R.T. 0.004 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

Instrument :
BNA_N
ClientSampleId :
GW38-RW3-MW1-20211202

Tgt Ion:152 Resp: 41250
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6

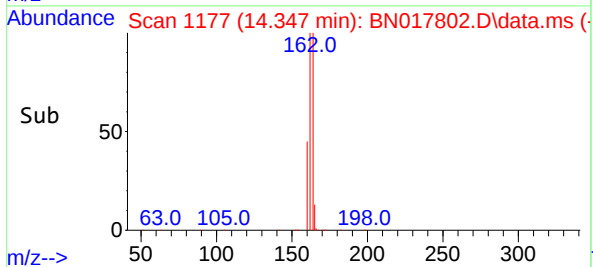
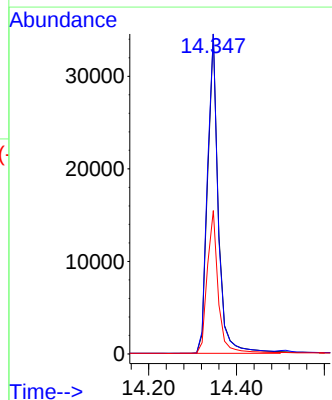
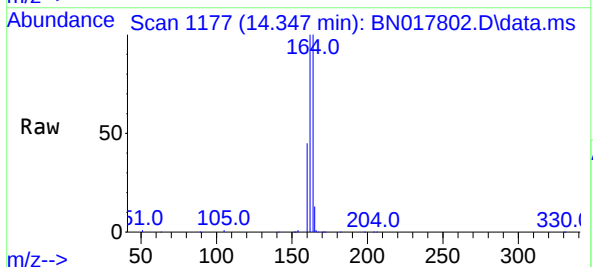
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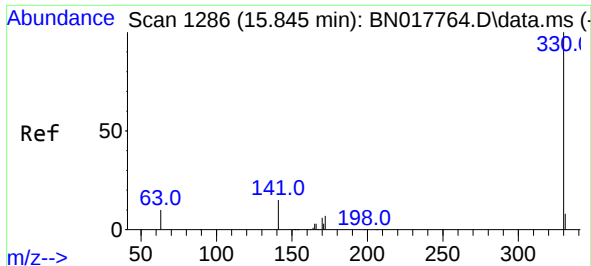
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

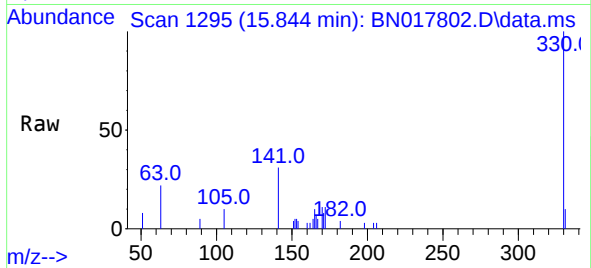
Tgt Ion:164 Resp: 58317
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.8 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.844 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

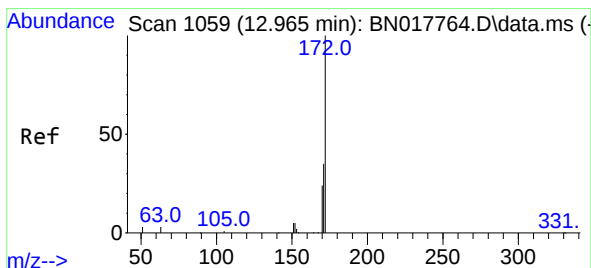
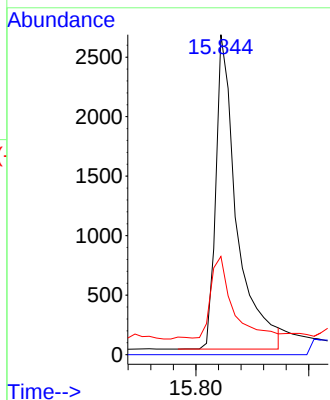
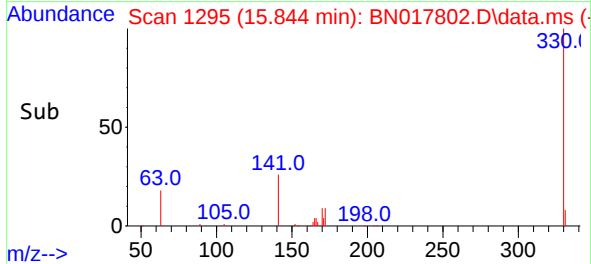
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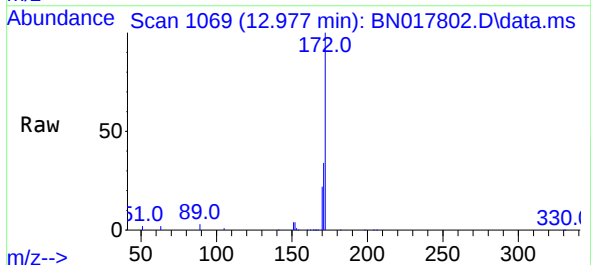
Tgt Ion:330 Resp: 6820
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.6 21.5 32.3

Manual Integrations
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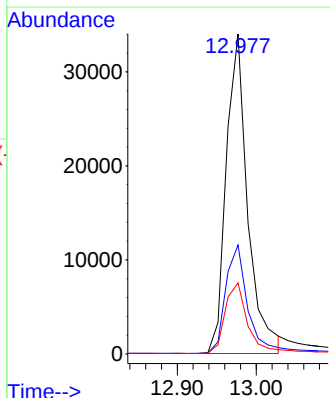
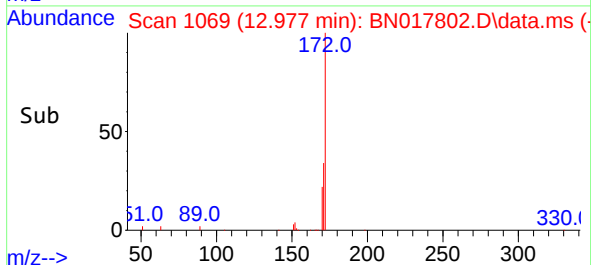
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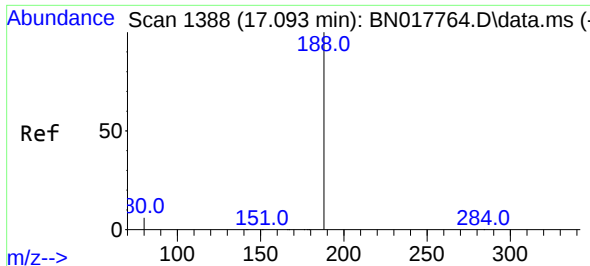


#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35



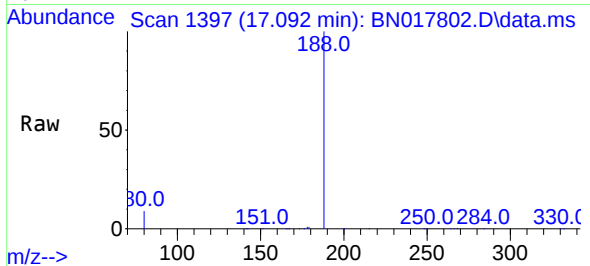
Tgt Ion:172 Resp: 64368
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 22.2 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

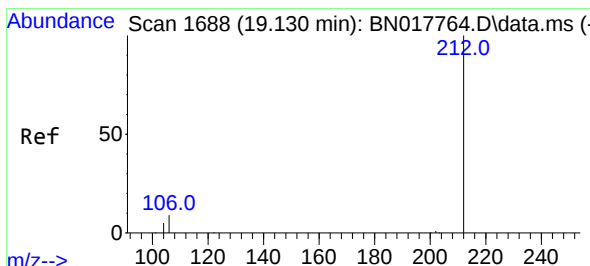
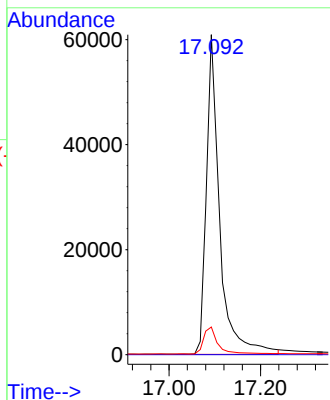
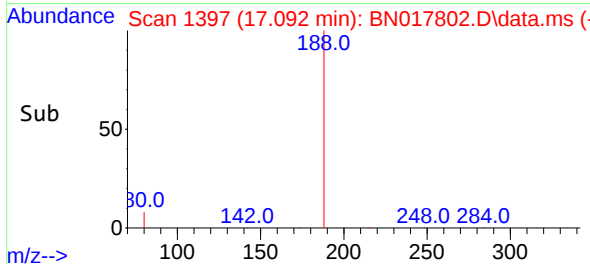
Instrument :
BNA_N
ClientSampleId :
GW38-RW3-MW1-20211202



Tgt Ion:188 Resp: 12235
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.1 7.7

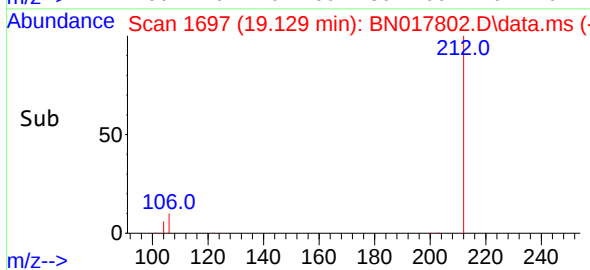
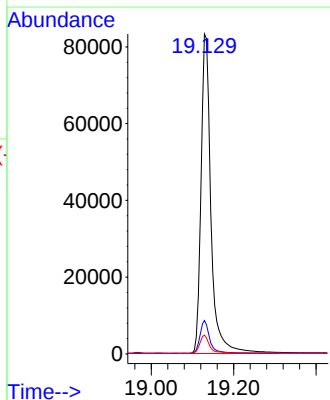
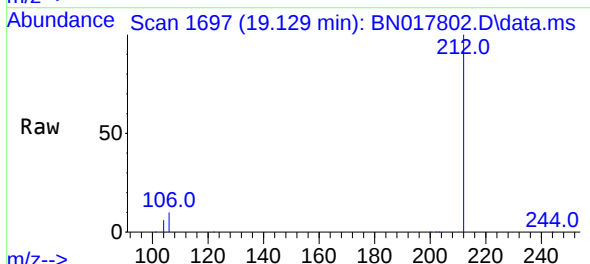
Manual Integrations
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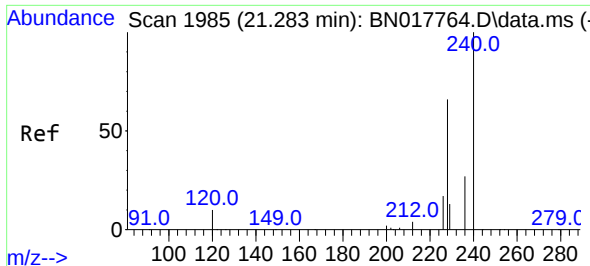
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

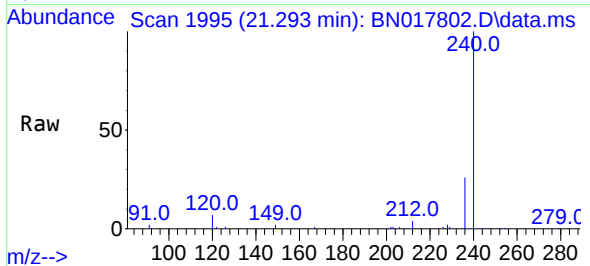
Tgt Ion:212 Resp: 140179
Ion Ratio Lower Upper
212 100
106 10.0 8.2 12.2
104 5.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

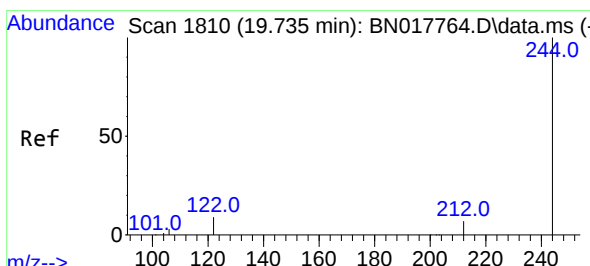
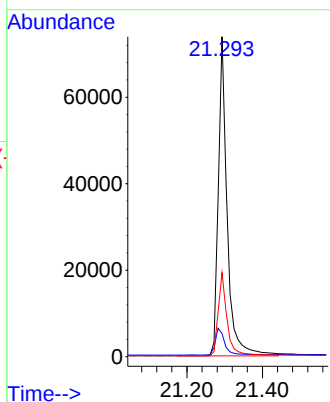
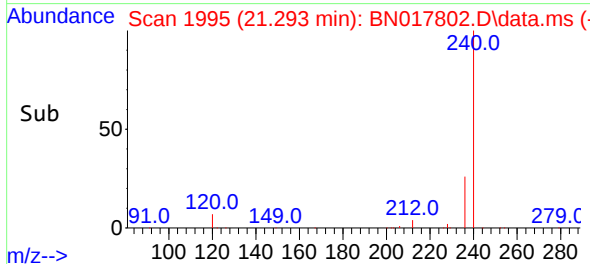
Instrument :
BNA_N
ClientSampleId :
GW38-RW3-MW1-20211202



Tgt Ion:240 Resp: 120290
Ion Ratio Lower Upper
240 100
120 7.2 7.9 11.9
236 26.2 21.4 32.2

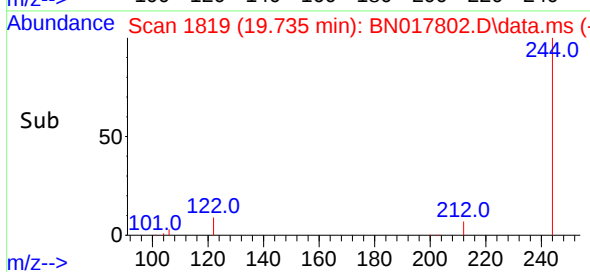
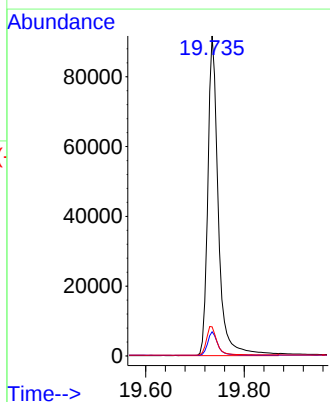
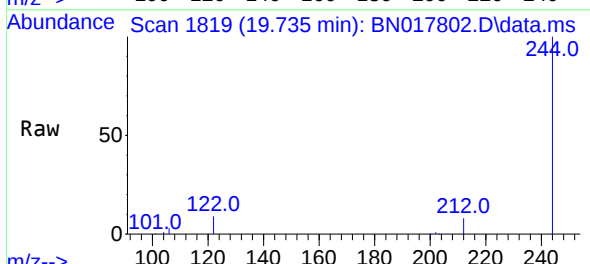
Manual Integrations
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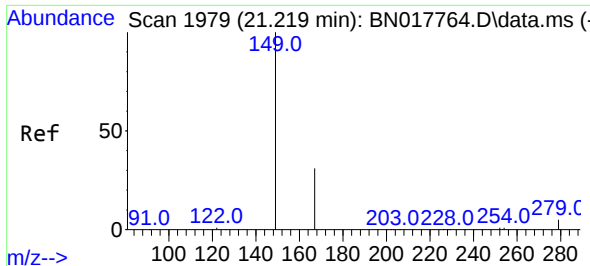
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.526 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

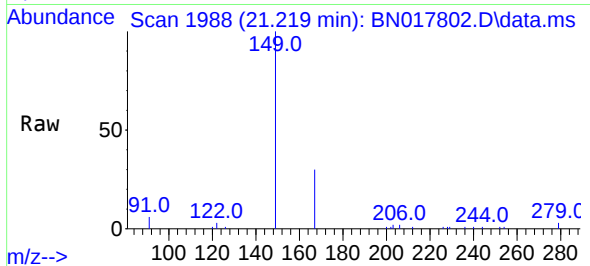
Tgt Ion:244 Resp: 135922
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.1 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.176 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

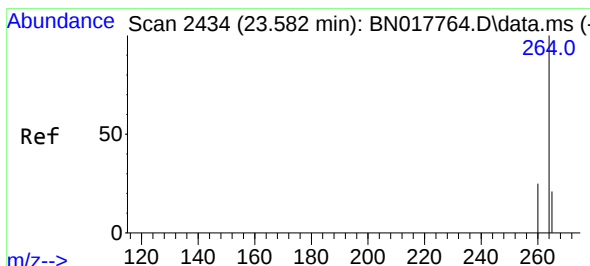
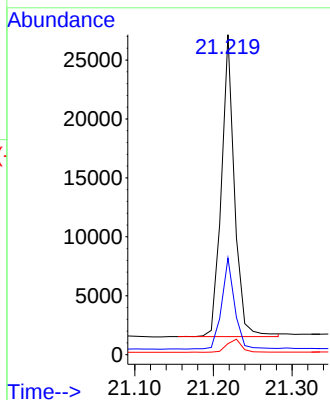
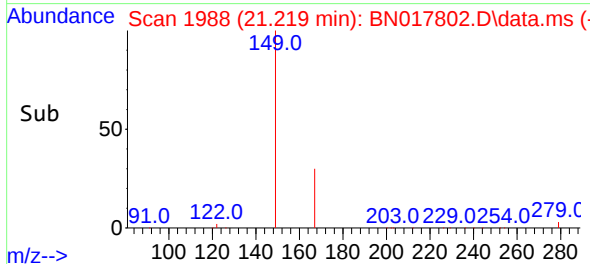
Instrument :
BNA_N
ClientSampleId :
GW38-RW3-MW1-20211202



Tgt Ion:149 Resp: 29578
Ion Ratio Lower Upper
149 100
167 29.7 23.5 35.3
279 4.8 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.010 min
Lab File: BN017802.D
Acq: 08 Dec 2021 16:35

Tgt Ion:264 Resp: 96772
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 26.8 20.5 30.7

