

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021439.D
 Acq On : 30 Aug 2022 02:59
 Operator : CG/JU
 Sample : N4281-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20220818

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 04:15:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4391	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	13441	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	6905	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	13999	0.400	ng	0.00
29) Chrysene-d12	21.664	240	10016	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	6055	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1139	0.133	ng	0.00
5) Phenol-d6	7.224	99	827	0.076	ng	0.00
8) Nitrobenzene-d5	9.254	82	2929m	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10702	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	560	0.247	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10399	0.344	ng	0.00
27) Fluoranthene-d10	19.506	212	15708	0.436	ng	0.00
31) Terphenyl-d14	20.097	244	10681	0.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	32120	5.849	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.566	149	1019	0.073	ng	# 94

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

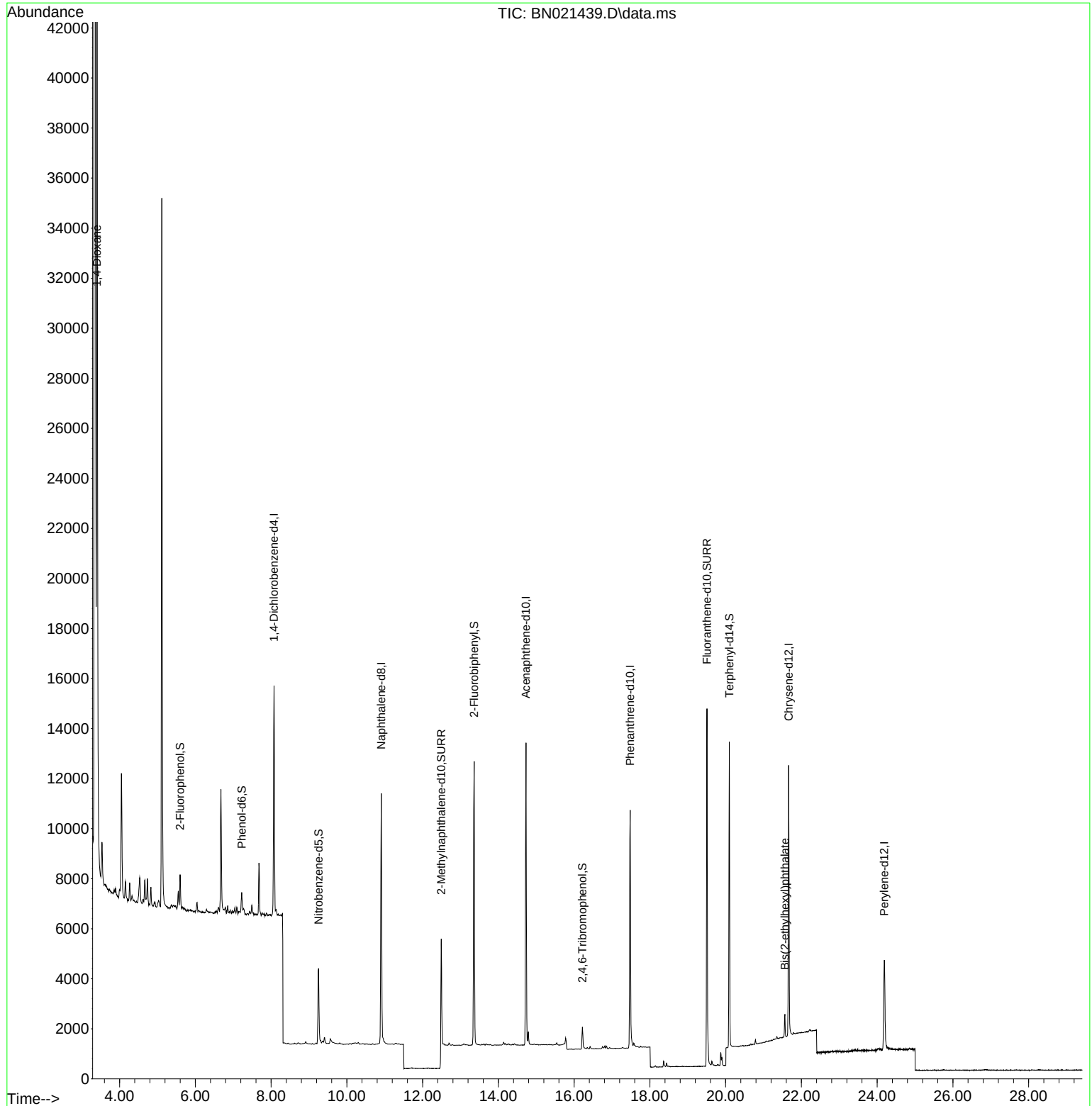
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021439.D
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Operator : CG/JU
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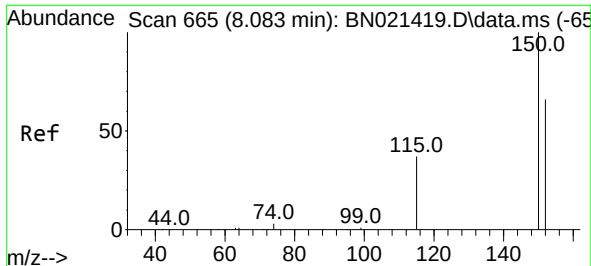
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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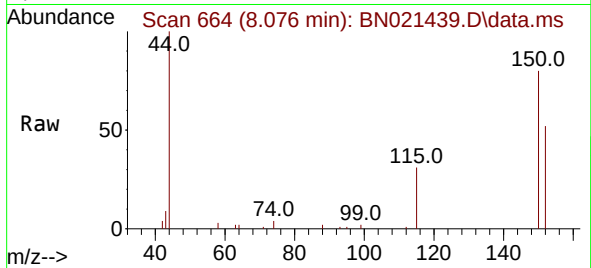
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021439.D
 Acq: 30 Aug 2022 02:59

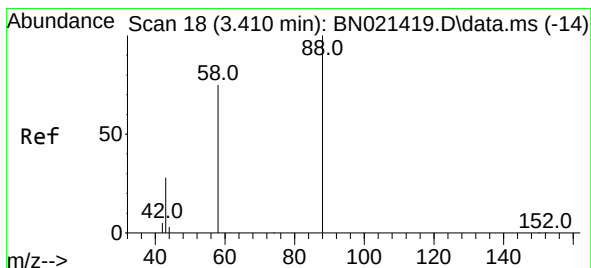
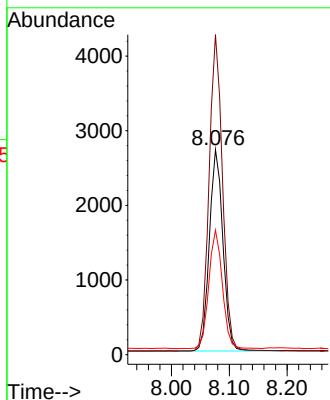
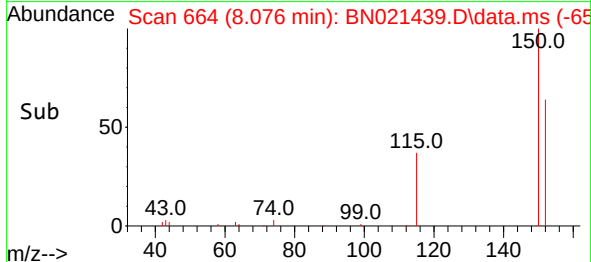
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20220818



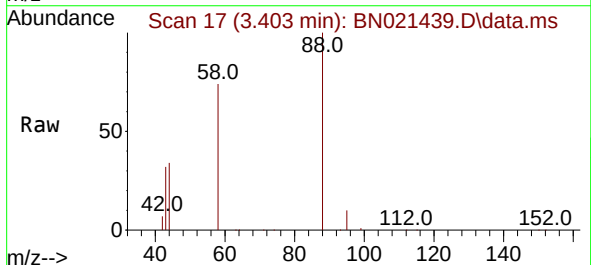
Tgt Ion: 152 Resp: 439
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.4 182.0
 115 60.7 48.6 72.8

Manual Integrations
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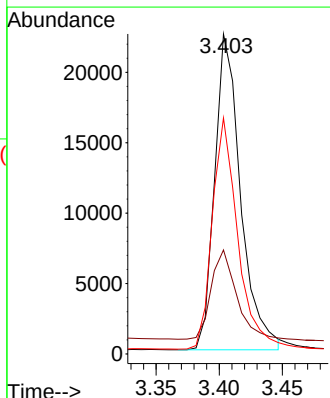
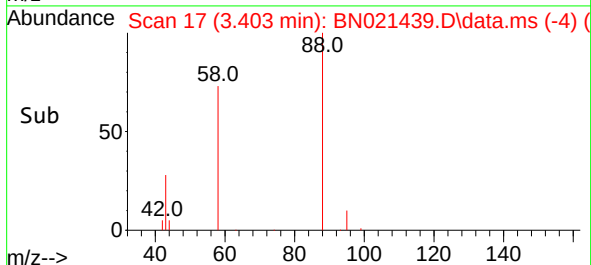
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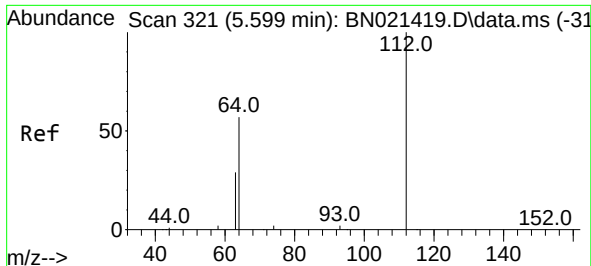


#2
 1,4-Dioxane
 Concen: 5.849 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021439.D
 Acq: 30 Aug 2022 02:59



Tgt Ion: 88 Resp: 32120
 Ion Ratio Lower Upper
 88 100
 43 27.5 35.8 53.8#
 58 71.4 57.1 85.7





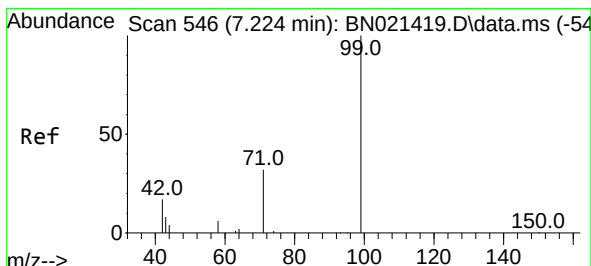
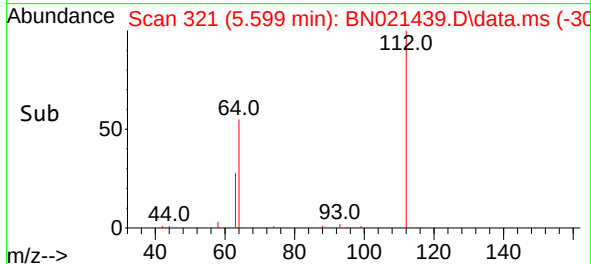
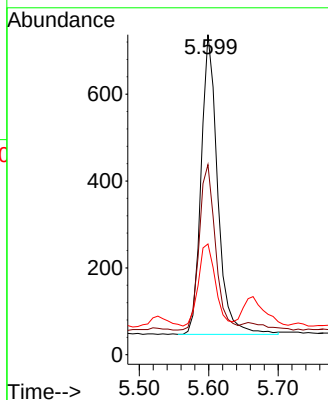
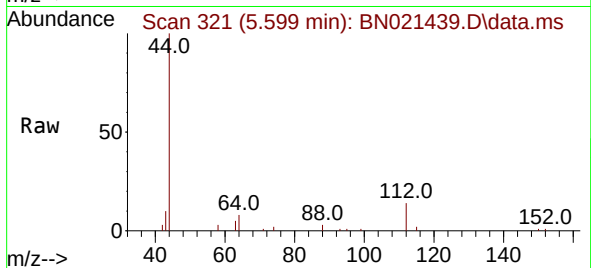
#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

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BNA_N
ClientSampleId :
RE132D4-20220818

Tgt Ion: 112 Resp: 1139
Ion Ratio Lower Upper
112 100
64 54.3 43.5 65.3
63 28.5 22.6 34.0

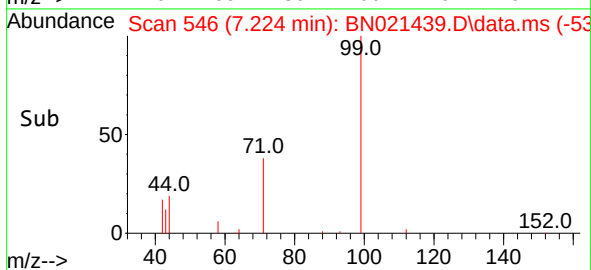
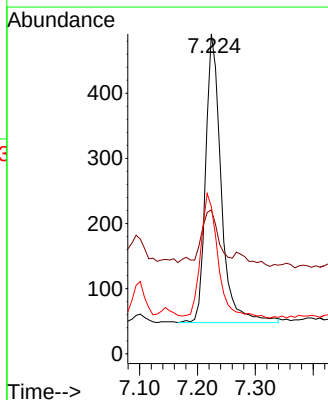
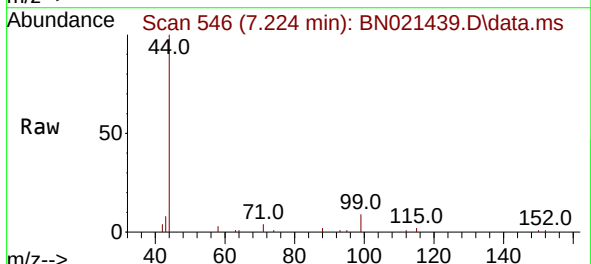
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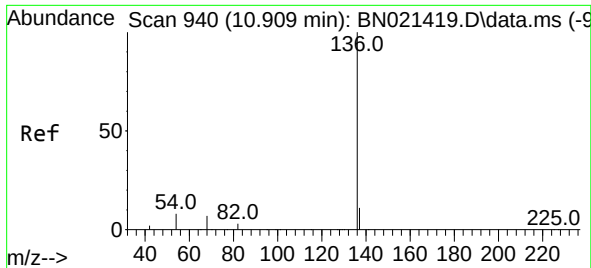
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

Tgt Ion: 99 Resp: 827
Ion Ratio Lower Upper
99 100
42 21.0 15.5 23.3
71 48.6 24.2 36.2#





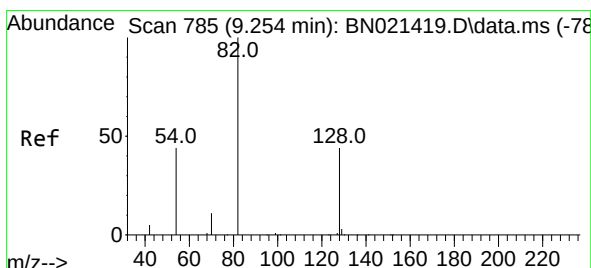
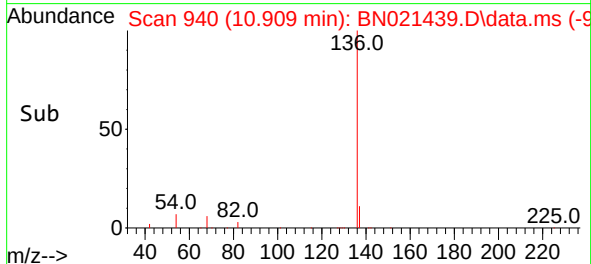
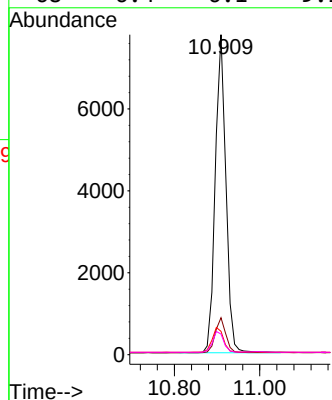
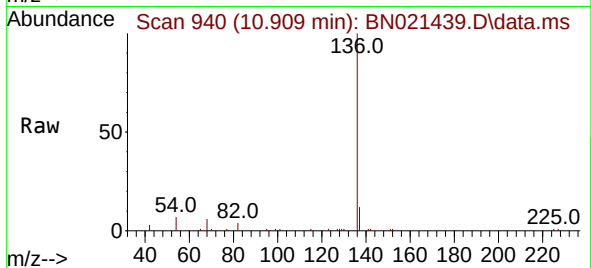
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

Instrument :
BNA_N
ClientSampleId :
RE132D4-20220818

Tgt Ion:136	Resp:	1344
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	7.3	6.9 10.3
68	6.4	6.1 9.1

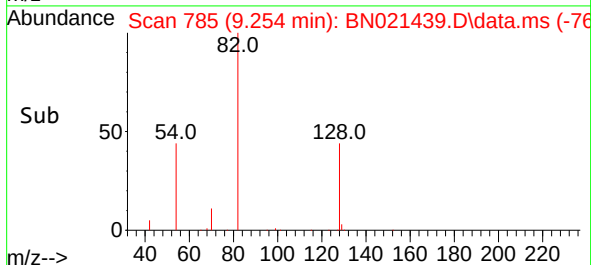
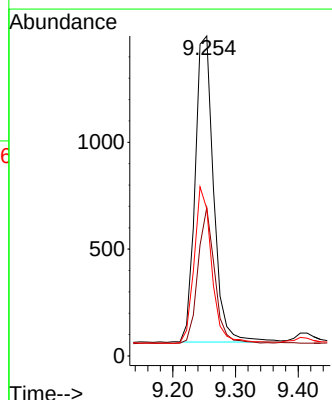
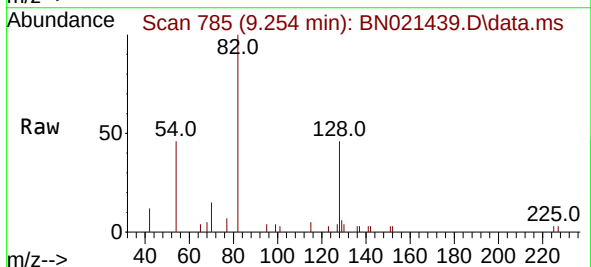
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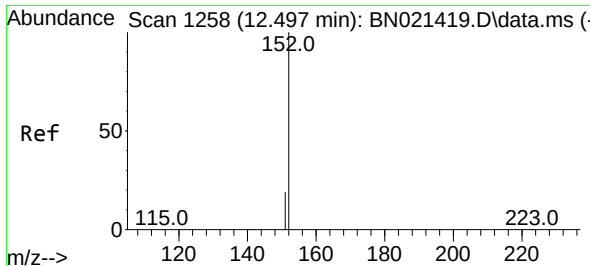
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#8
Nitrobenzene-d5
Concen: 0.323 ng m
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

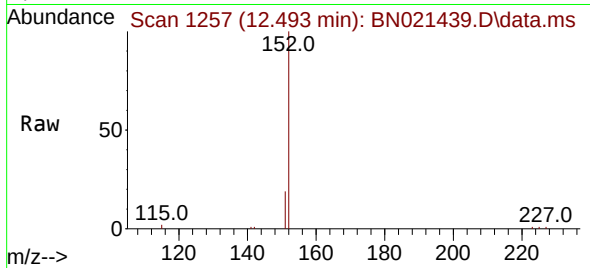
Tgt Ion: 82	Resp:	2929
Ion Ratio	Lower	Upper
82	100	
128	46.3	30.9 46.3#
54	46.0	42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.493 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

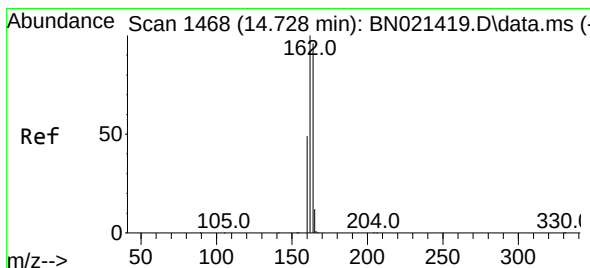
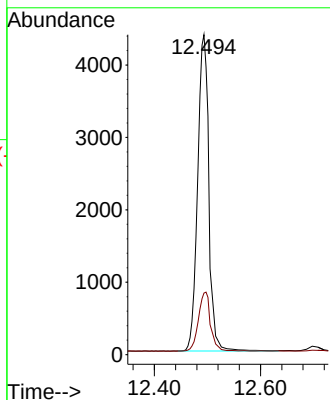
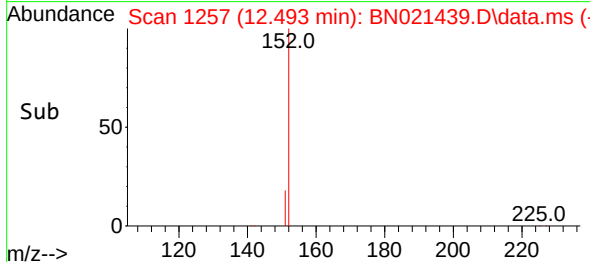
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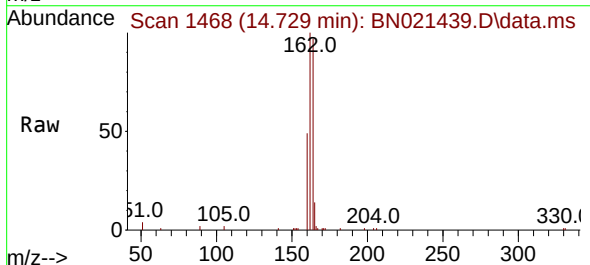
Tgt Ion:152 Resp: 1070
Ion Ratio Lower Upper
152 100
151 16.4 14.5 21.7

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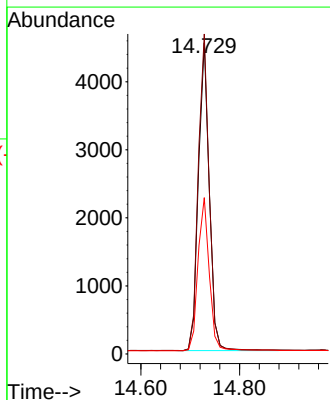
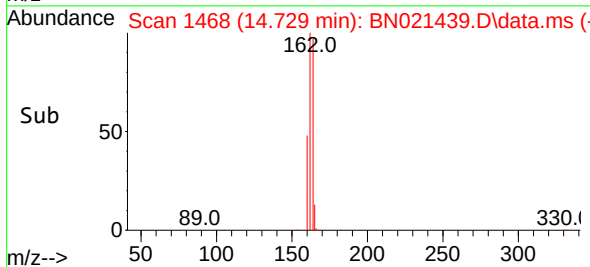
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Supervised By :Jagrut Upadhyay 08/30/2022

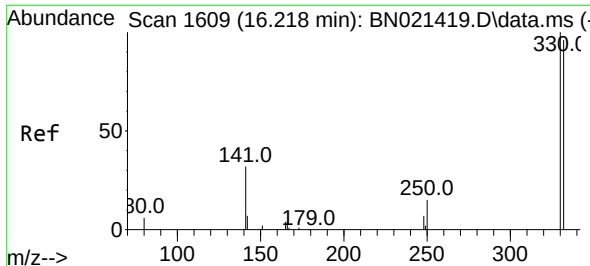


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59



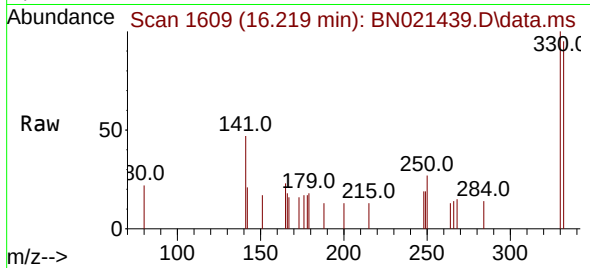
Tgt Ion:164 Resp: 6905
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 50.2 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

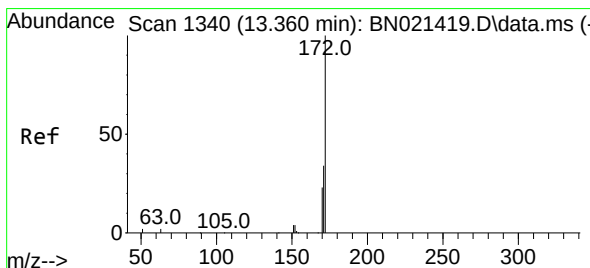
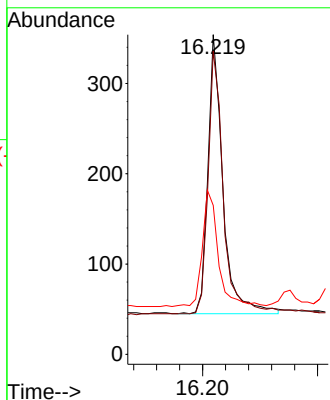
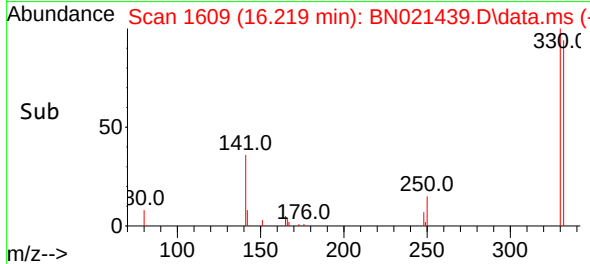
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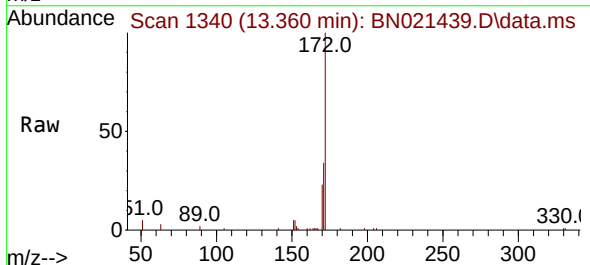
Tgt Ion: 330 Resp: 560
Ion Ratio Lower Upper
330 100
332 95.5 79.3 118.9
141 44.1 37.1 55.7

Manual Integrations
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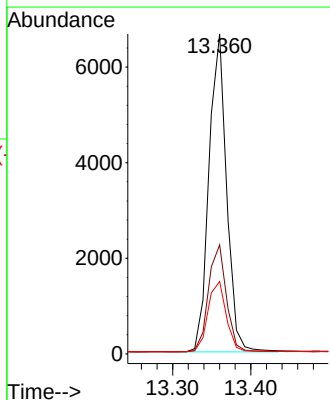
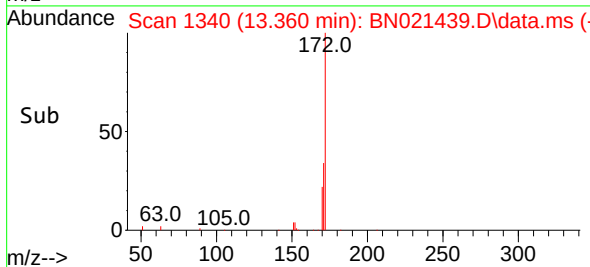
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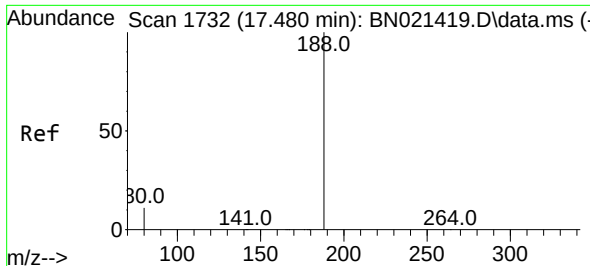


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59



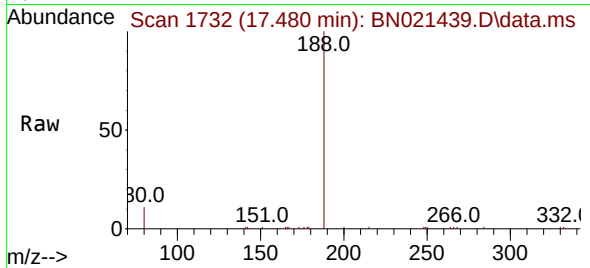
Tgt Ion: 172 Resp: 10399
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.7 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

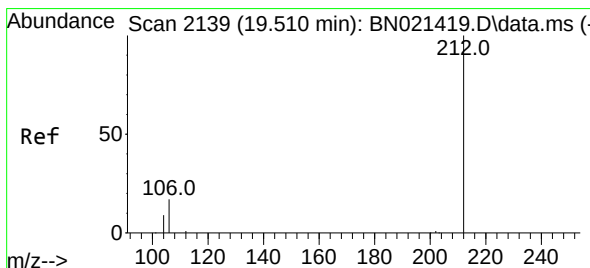
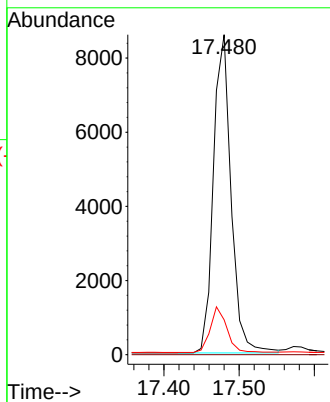
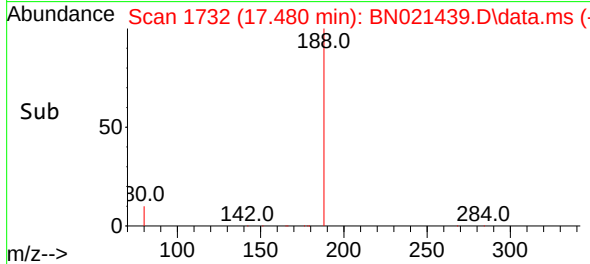
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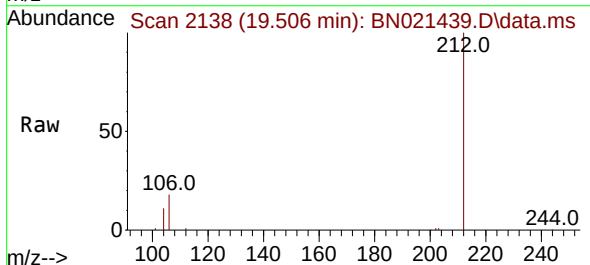
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.5 14.3

Manual Integrations
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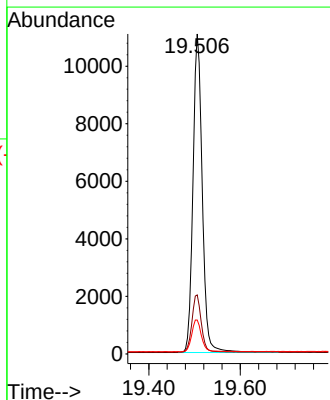
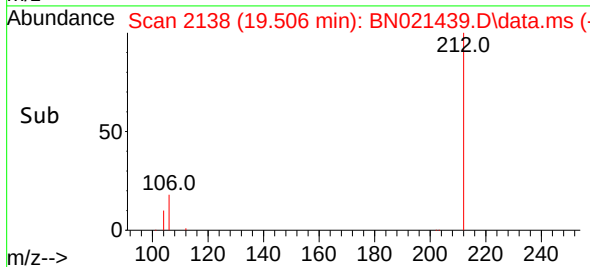
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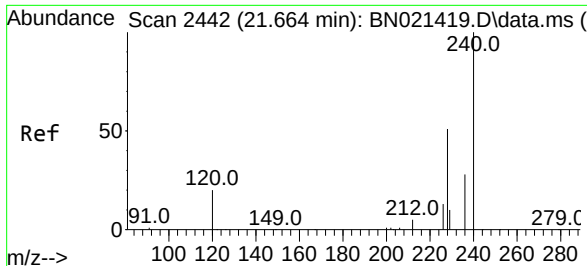


#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59



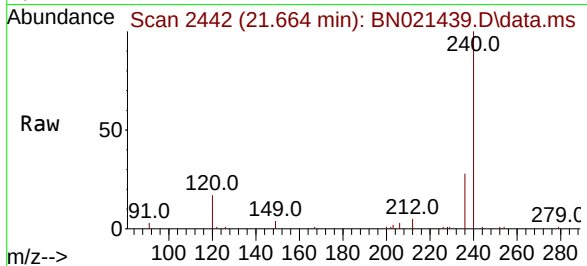
Tgt Ion:212 Resp: 15708
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

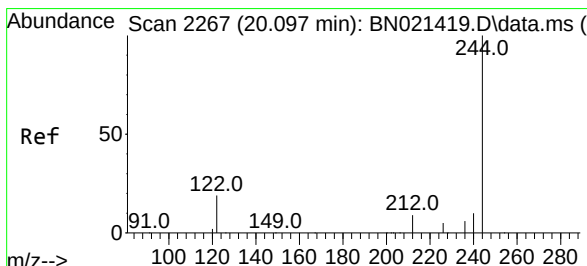
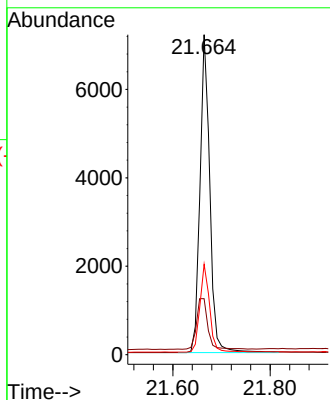
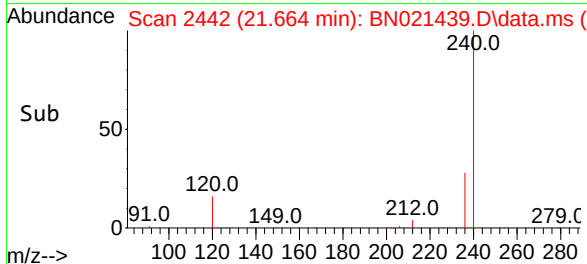
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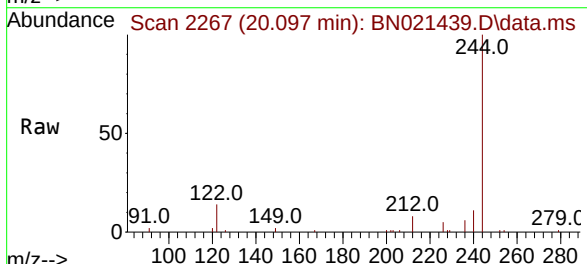
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Ion Ratio Lower Upper
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120 17.5 10.2 15.4
236 28.3 22.1 33.1

Manual Integrations
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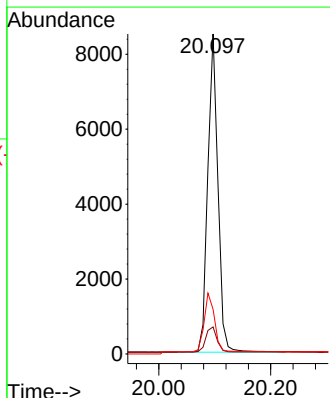
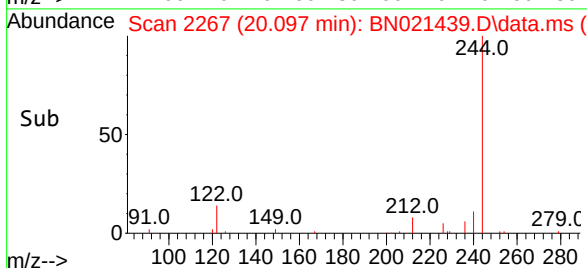
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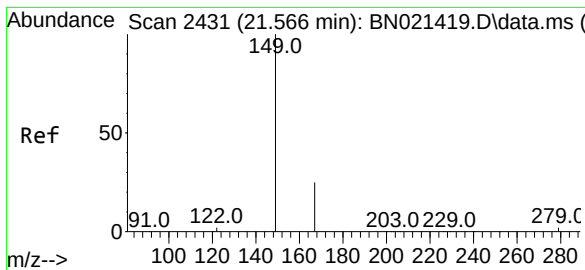


#31
Terphenyl-d14
Concen: 0.474 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59



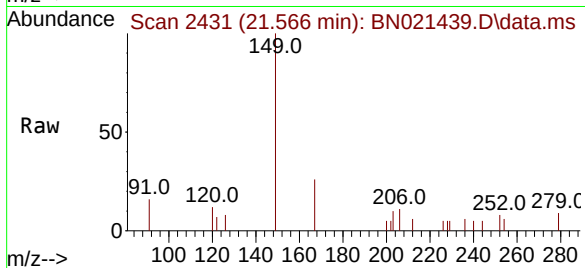
Tgt Ion:244 Resp: 10681
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 14.0 9.1 13.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.566 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

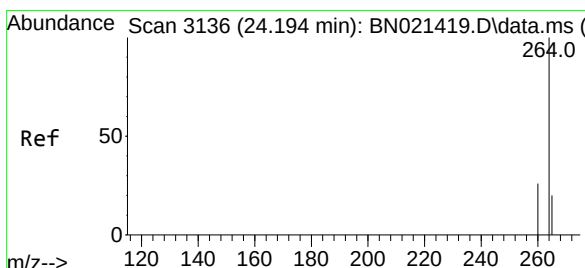
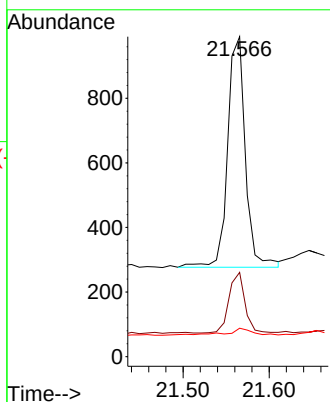
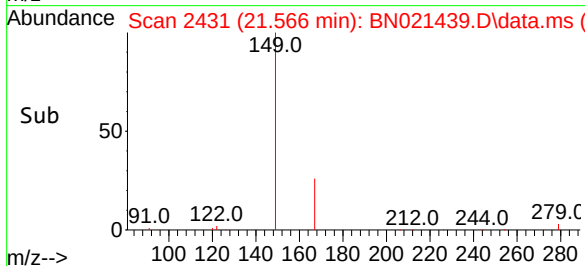
Instrument :
BNA_N
ClientSampleId :
RE132D4-20220818



Tgt Ion:149 Resp: 1019
Ion Ratio Lower Upper
149 100
167 23.7 21.4 32.0
279 3.7 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BN021439.D
Acq: 30 Aug 2022 02:59

Tgt Ion:264 Resp: 6055
Ion Ratio Lower Upper
264 100
260 26.0 21.0 31.6
265 42.6 32.2 48.2

