

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024324.D
 Acq On : 16 Mar 2023 23:03
 Operator : CG/JU
 Sample : 01843-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 04:44:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	6599	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	19611	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	9461	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20385	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13115	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	9751	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2037	0.139	ng	0.00
5) Phenol-d6	7.195	99	1503	0.080	ng	0.00
8) Nitrobenzene-d5	9.201	82	4974	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8580	0.356	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1325	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13496	0.378	ng	0.00
27) Fluoranthene-d10	19.446	212	19268	0.446	ng	0.00
31) Terphenyl-d14	20.034	244	11280	0.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	46506	6.477	ng	97
25) Phenanthrene	17.463	178	1464m	0.024	ng	
34) Bis(2-ethylhexyl)phtha...	21.502	149	2324	0.113	ng	95

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

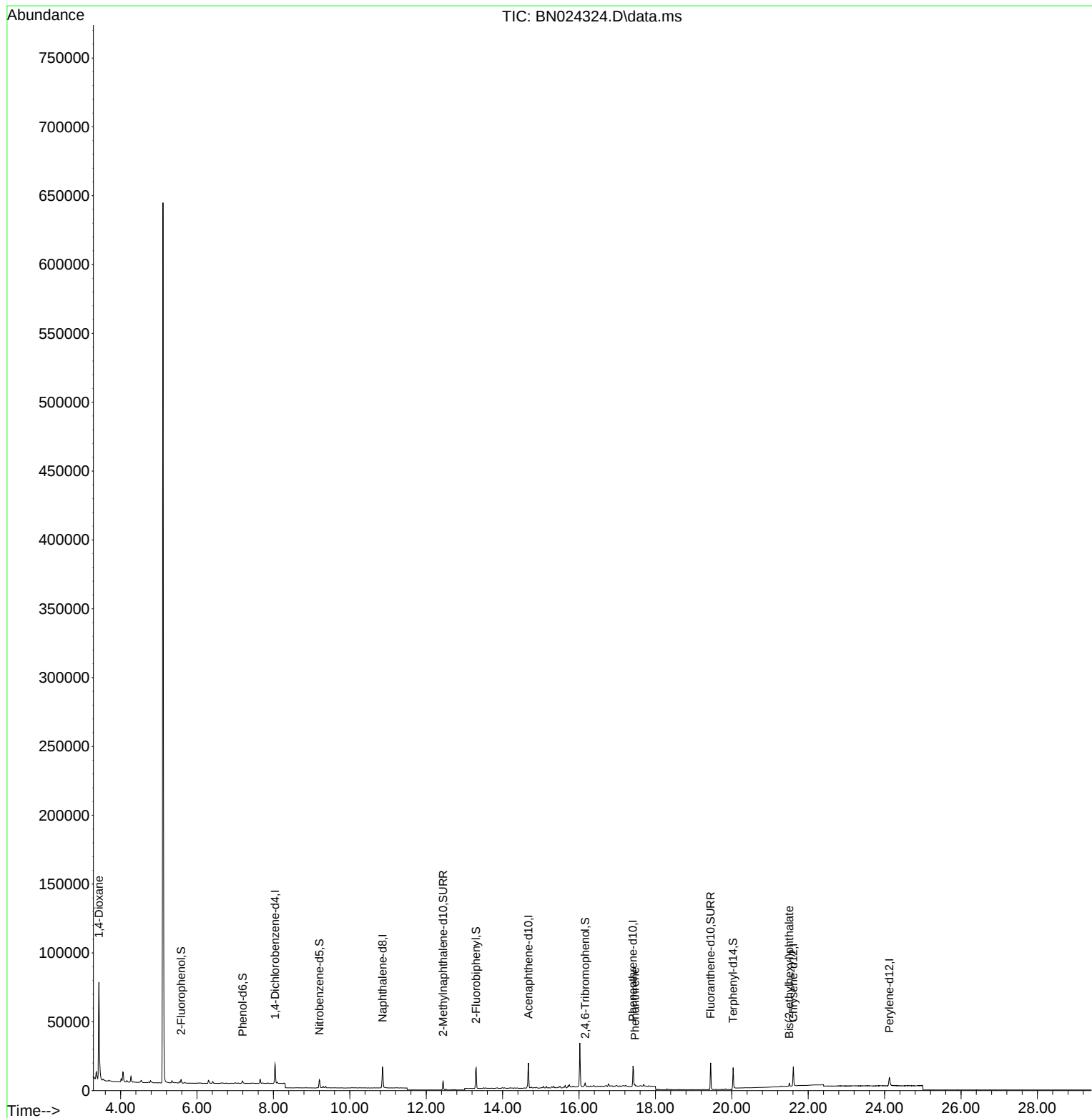
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024324.D
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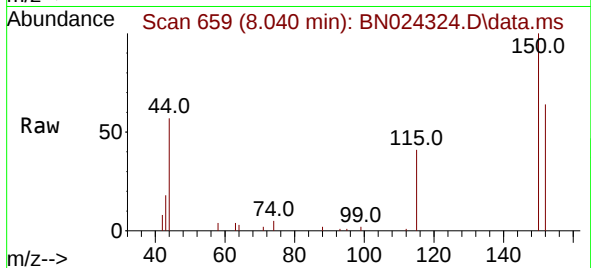
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

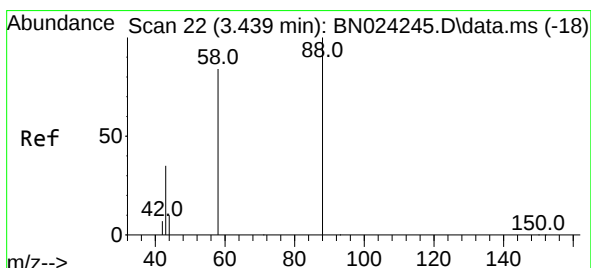
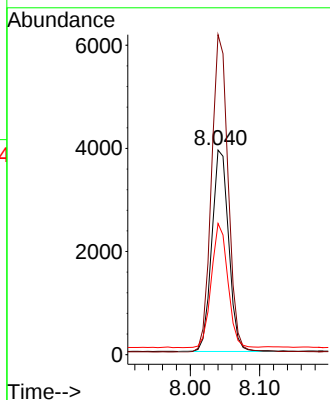
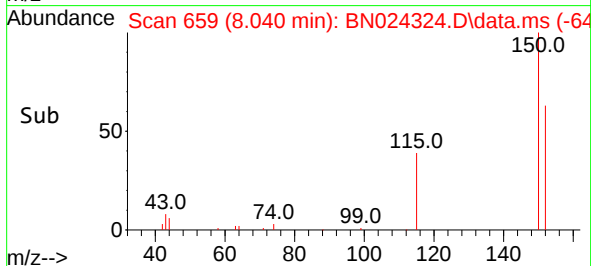
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



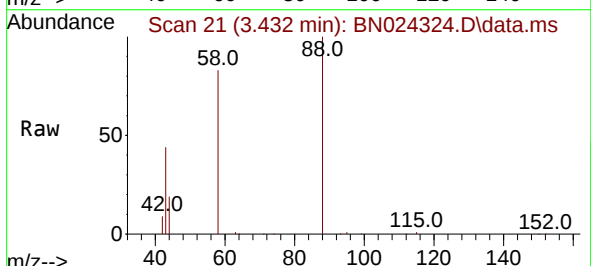
Tgt Ion: 152 Resp: 6599
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 64.1 49.1 73.7

Manual Integrations
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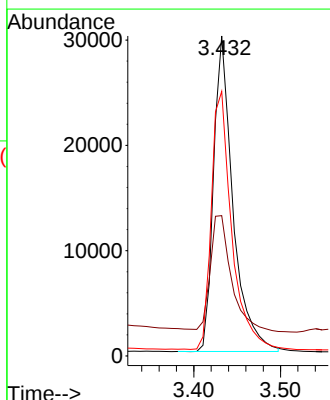
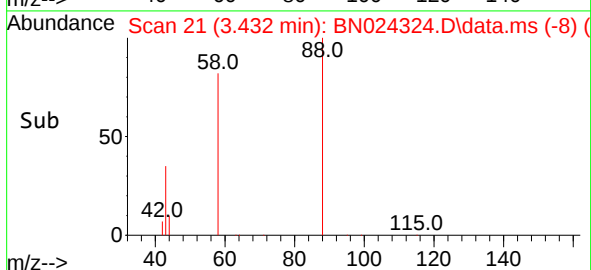
Reviewed By :Christian Giraldo 03/17/2023
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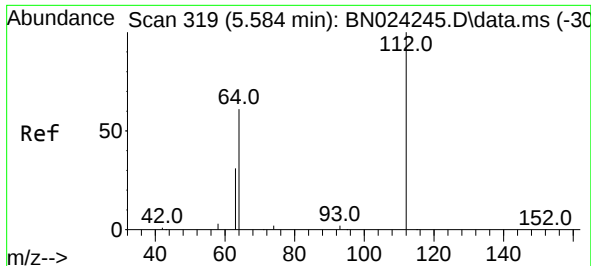


#2
1,4-Dioxane
Concen: 6.477 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03



Tgt Ion: 88 Resp: 46506
Ion Ratio Lower Upper
88 100
43 40.0 29.0 43.4
58 85.7 67.3 100.9





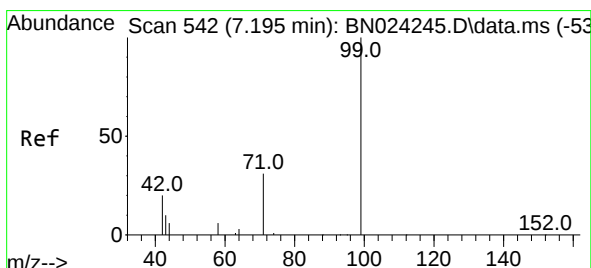
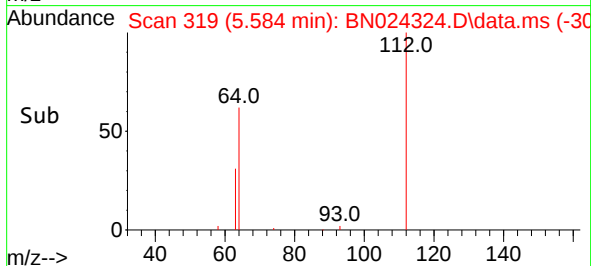
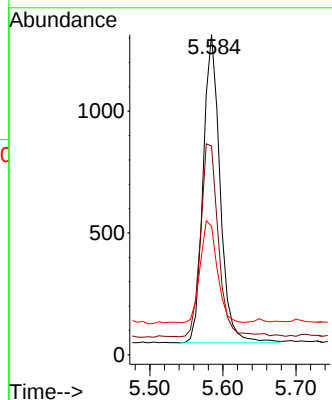
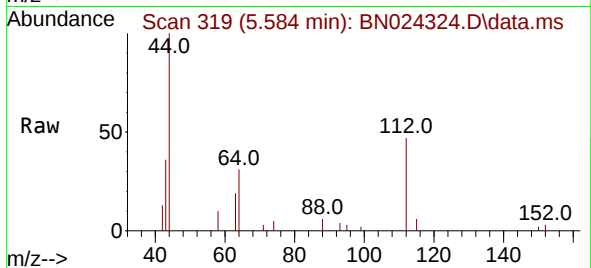
#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

Tgt Ion: 112 Resp: 203
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 34.9 25.7 38.5

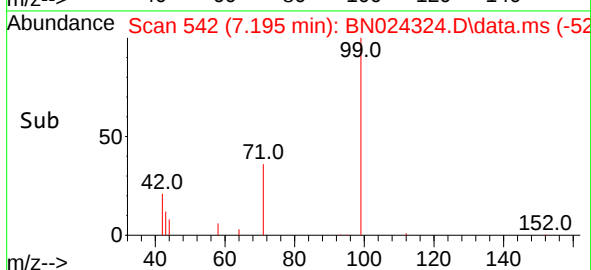
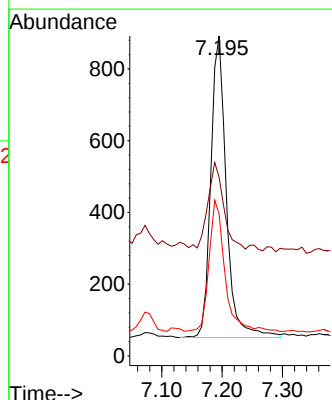
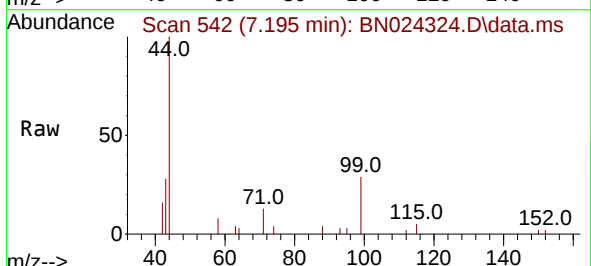
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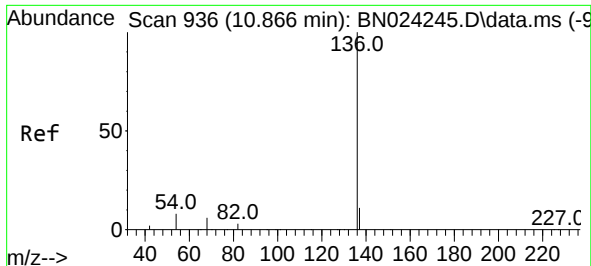
Reviewed By :Christian Giraldo 03/17/2023
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#5
Phenol-d6
Concen: 0.080 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

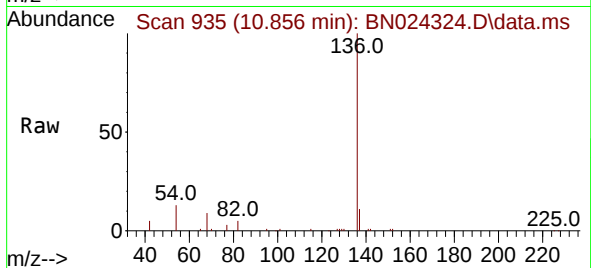
Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 28.7 20.1 30.1
71 44.3 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

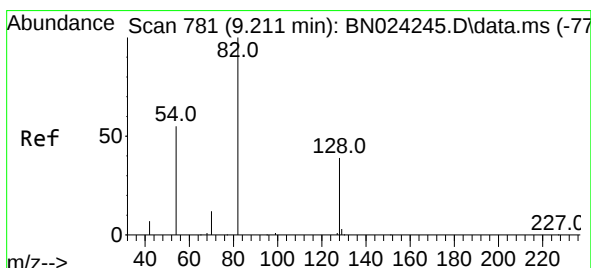
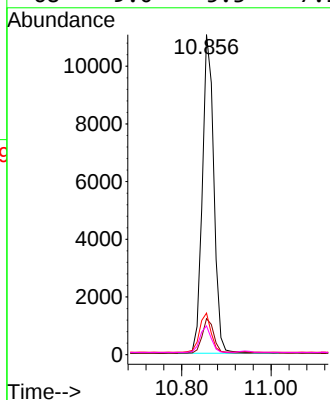
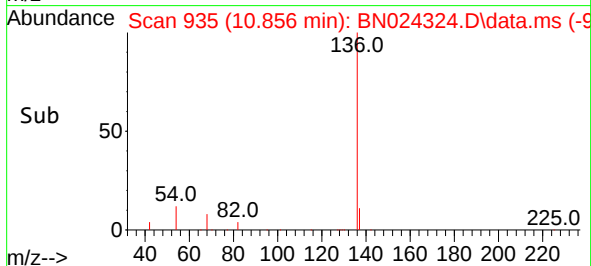
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



Tgt Ion:136 Resp: 1961
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 13.0 7.1 10.7
68 9.0 5.3 7.9#

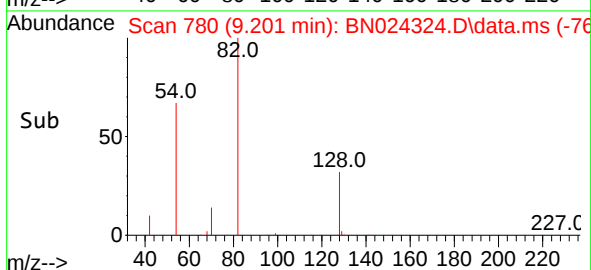
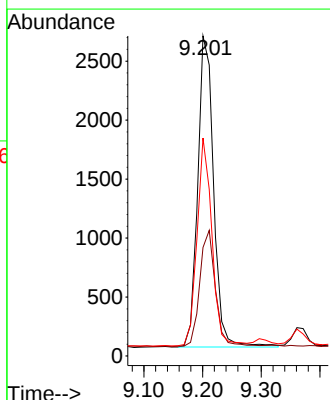
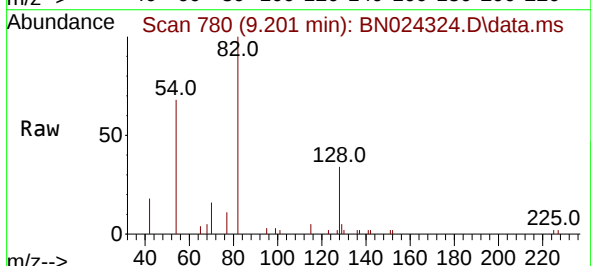
Manual Integrations
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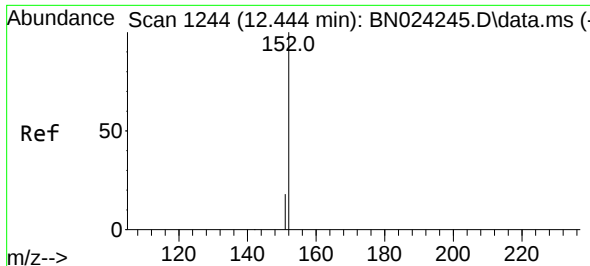
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

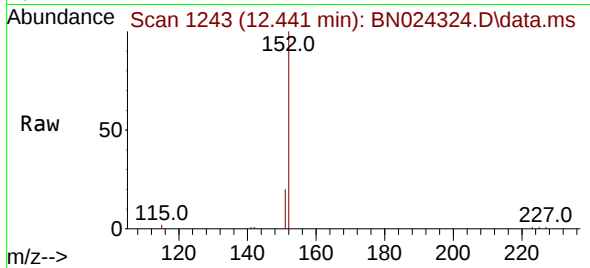
Tgt Ion: 82 Resp: 4974
Ion Ratio Lower Upper
82 100
128 33.9 32.4 48.6
54 68.1 45.2 67.8#





#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.441 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

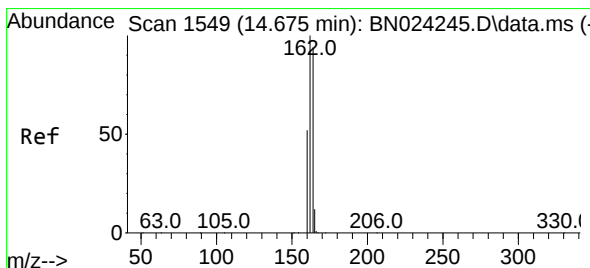
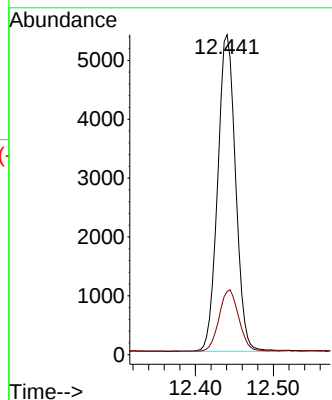
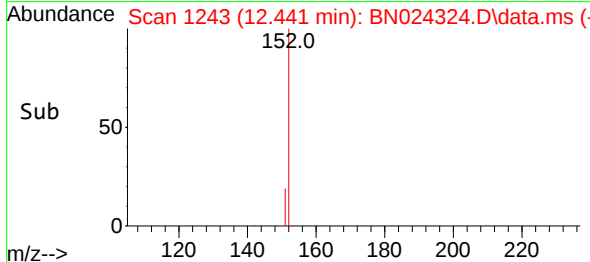
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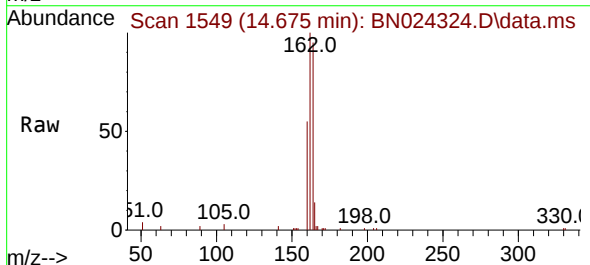
Tgt Ion:152 Resp: 8580
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

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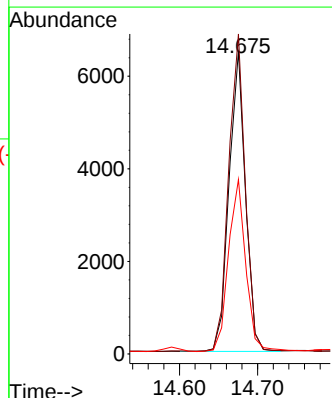
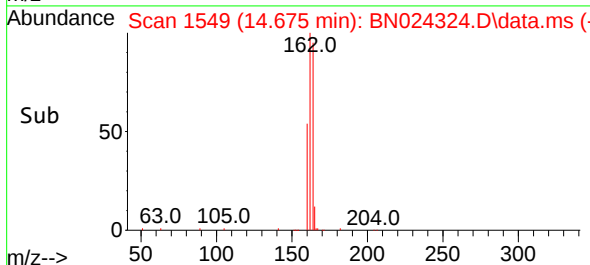
Reviewed By :Christian Giraldo 03/17/2023
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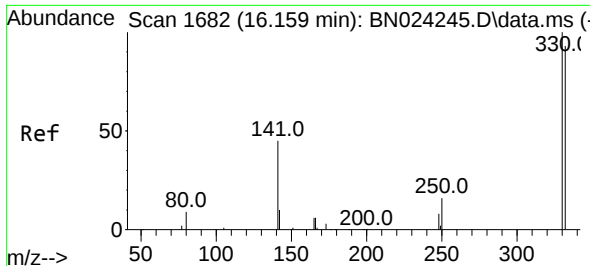


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03



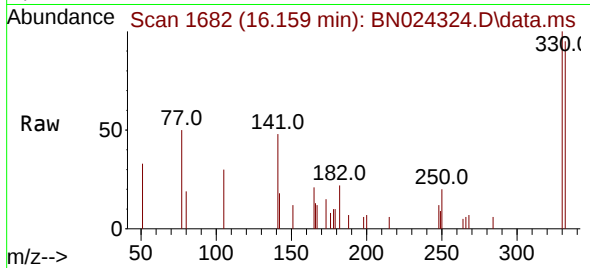
Tgt Ion:164 Resp: 9461
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 57.6 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

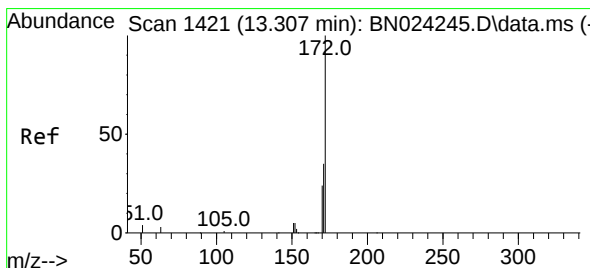
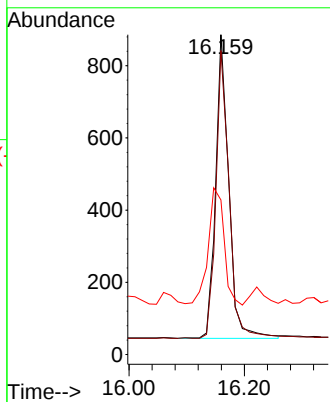
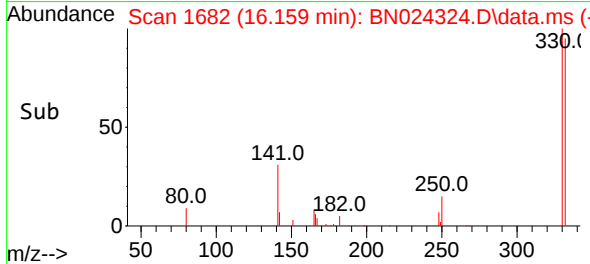
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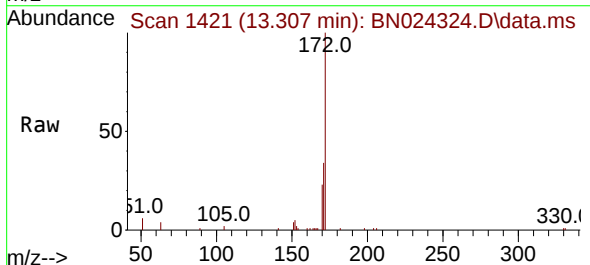
Tgt Ion:330 Resp: 1329
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 46.6 30.8 46.2

Manual Integrations
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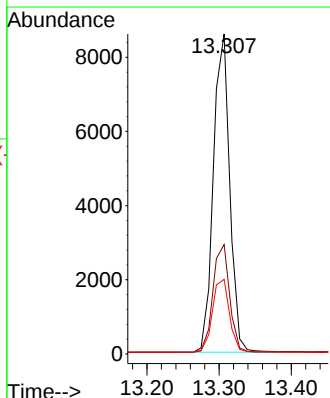
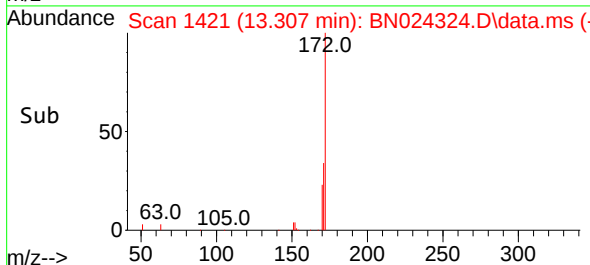
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

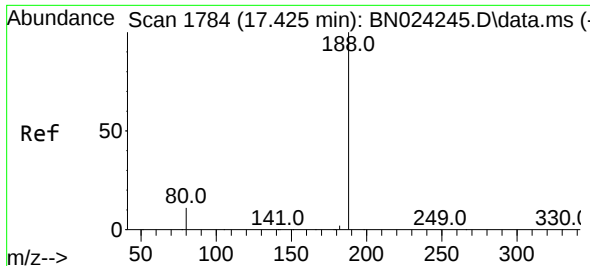


#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03



Tgt Ion:172 Resp: 13496
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.3 19.0 28.6





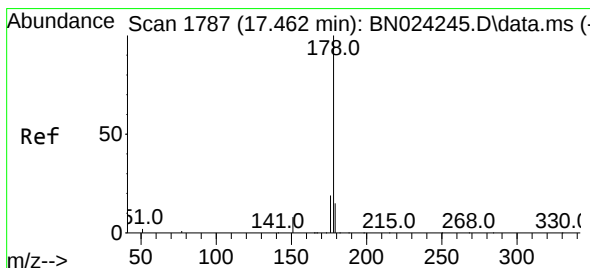
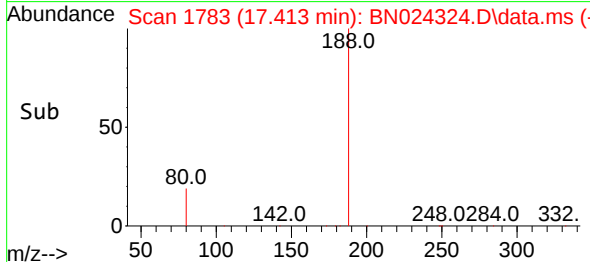
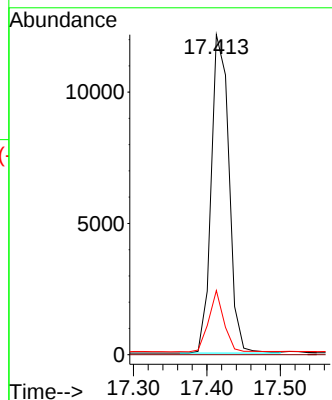
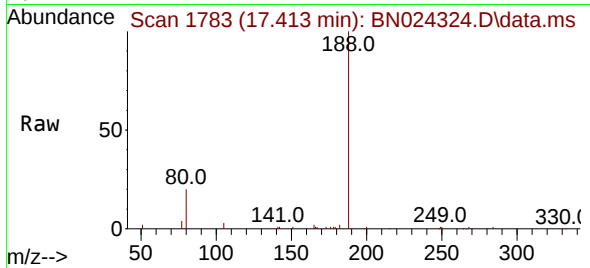
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306

Tgt Ion:188 Resp: 20385
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.0 8.9 13.3

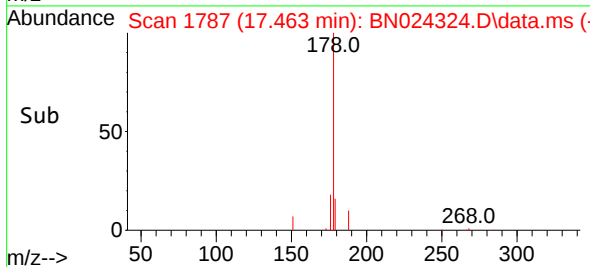
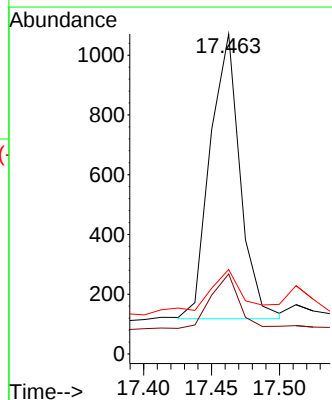
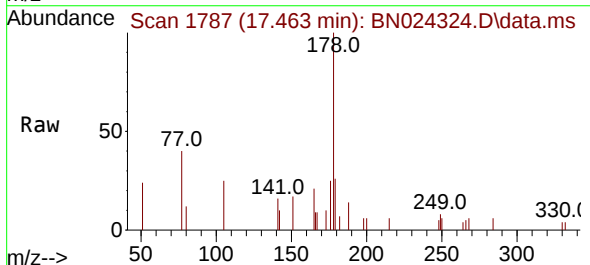
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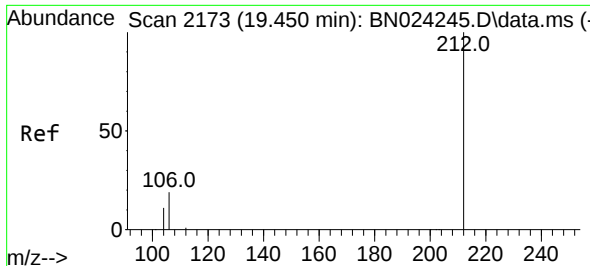
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.463 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

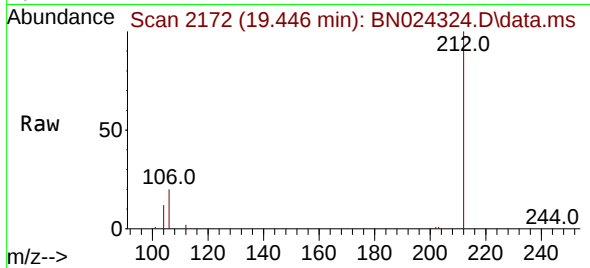
Tgt Ion:178 Resp: 1464
Ion Ratio Lower Upper
178 100
176 23.3 15.4 23.0#
179 29.6 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

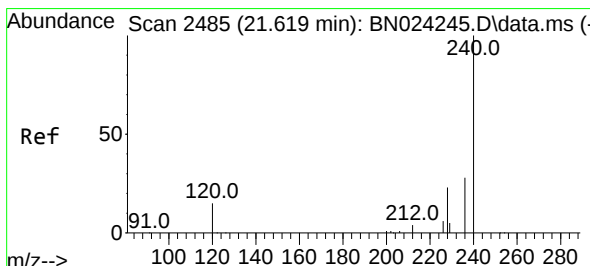
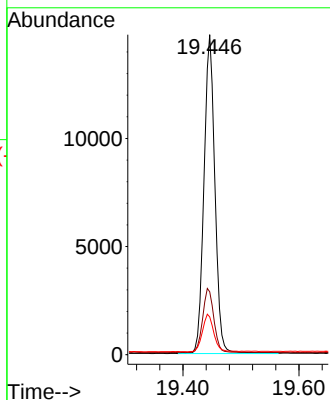
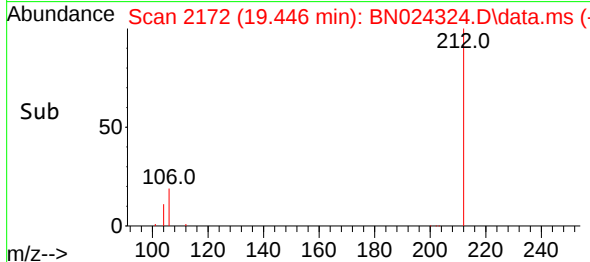
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306



Tgt Ion:212 Resp: 19268
Ion Ratio Lower Upper
212 100
106 20.5 15.4 23.2
104 12.2 8.6 13.0

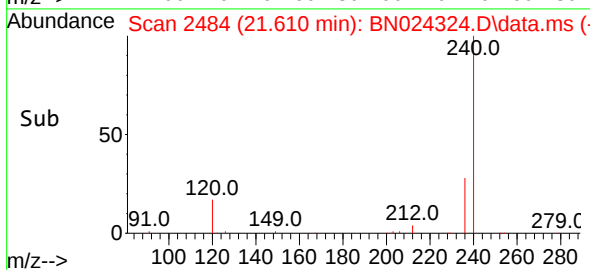
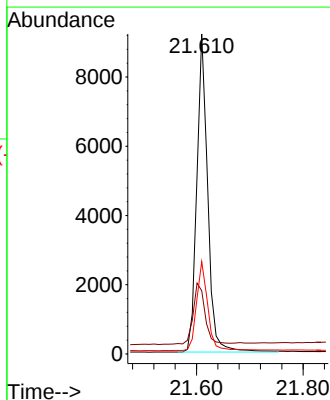
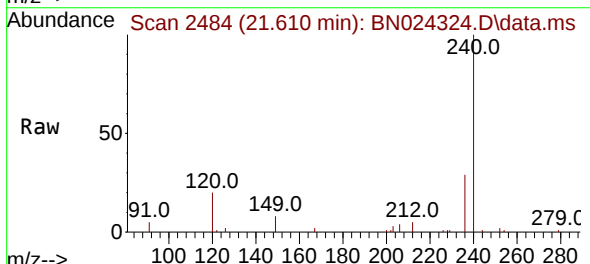
Manual Integrations
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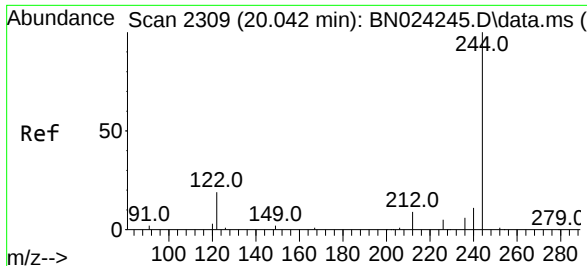
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024324.D
Acq: 16 Mar 2023 23:03

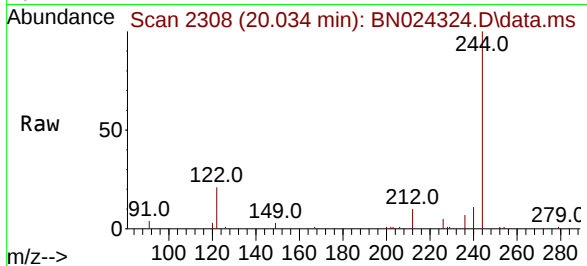
Tgt Ion:240 Resp: 13115
Ion Ratio Lower Upper
240 100
120 19.8 12.8 19.2#
236 28.9 22.5 33.7





#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 20.034 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BN024324.D
 Acq: 16 Mar 2023 23:03

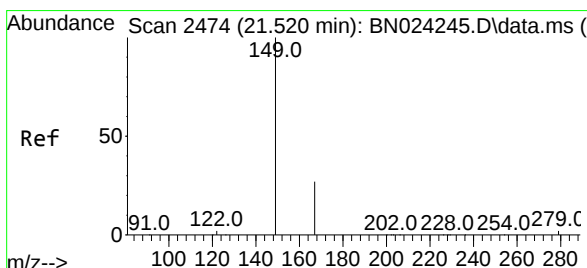
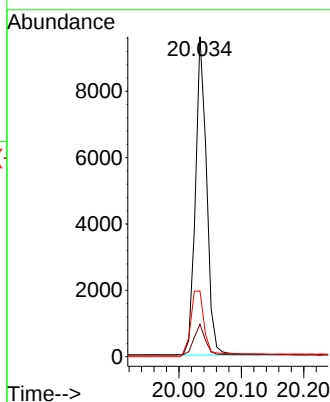
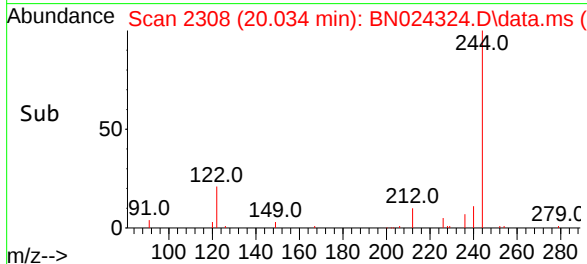
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306



Tgt Ion:244 Resp: 11280
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.6 11.4
 122 20.6 15.1 22.7

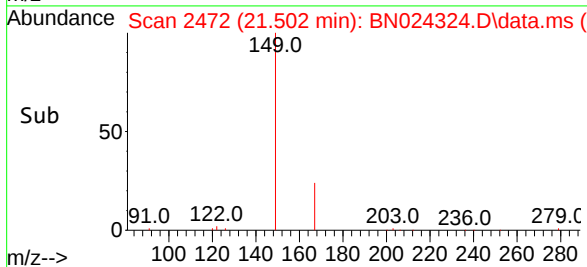
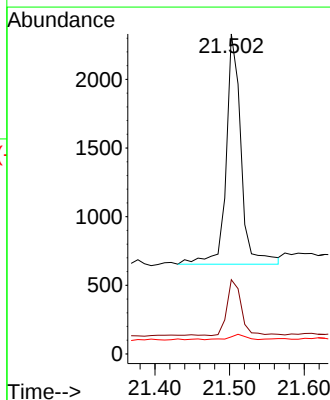
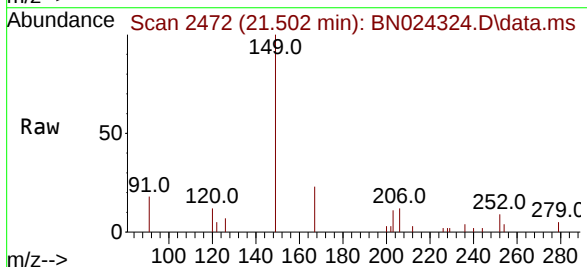
Manual Integrations
 APPROVED

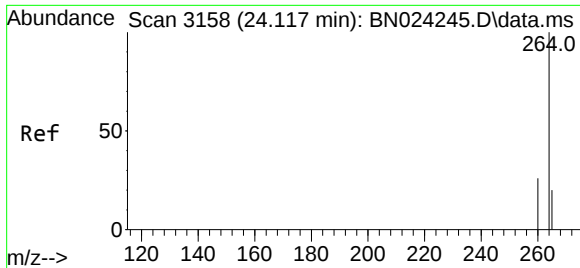
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.502 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN024324.D
 Acq: 16 Mar 2023 23:03

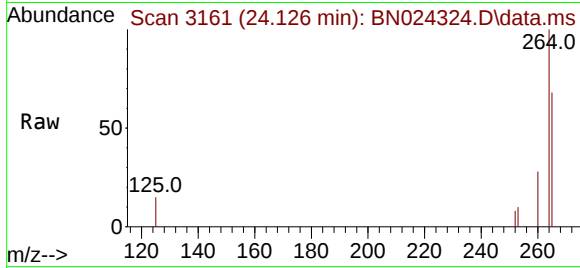
Tgt Ion:149 Resp: 2324
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.2 31.8
 279 2.4 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.126 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN024324.D
 Acq: 16 Mar 2023 23:03

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306



Tgt Ion:264 Resp: 975
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 68.2 35.7 53.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

