

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024325.D
 Acq On : 16 Mar 2023 23:40
 Operator : CG/JU
 Sample : 01843-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230306DL

Quant Time: Mar 17 04:44:43 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9878	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	28980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13628	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28269	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	17183	0.400	ng	0.00
35) Perylene-d12	24.100	264	12605	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1298	0.059	ng	0.00
5) Phenol-d6	7.195	99	939	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3112m	0.161	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5311	0.149	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	772	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8363	0.162	ng	0.00
27) Fluoranthene-d10	19.446	212	10841	0.181	ng	0.00
31) Terphenyl-d14	20.034	244	6350	0.219	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	29968	2.788	ng	96
34) Bis(2-ethylhexyl)phtha...	21.502	149	1409	0.052	ng	# 99

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

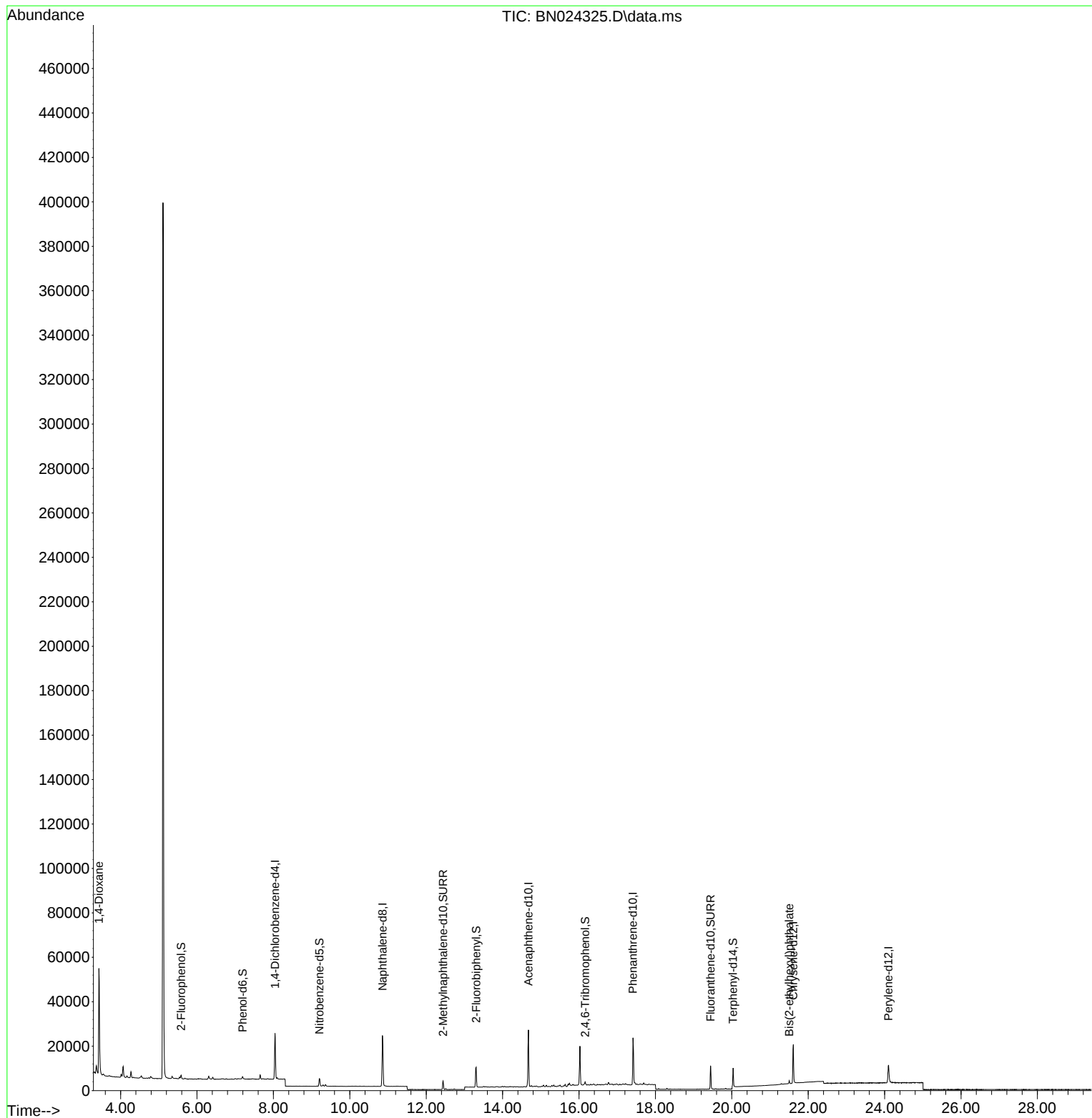
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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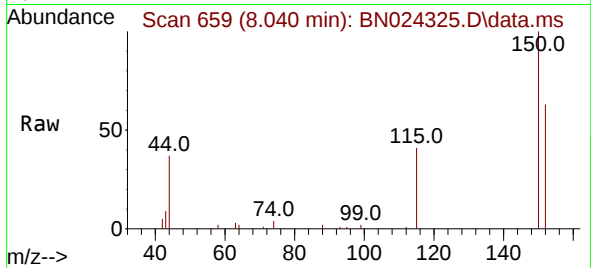
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

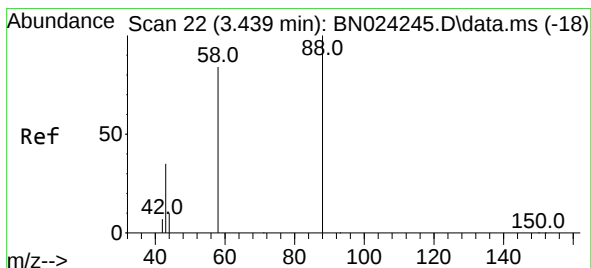
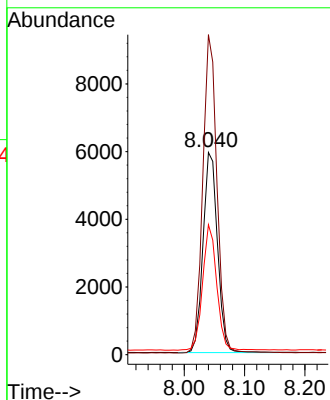
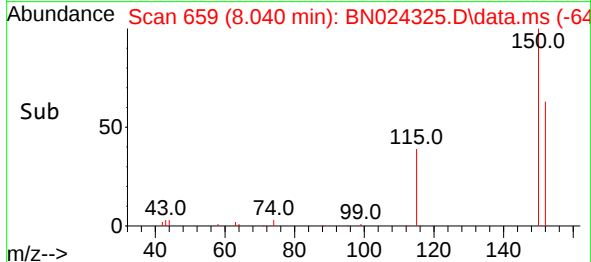
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL



Tgt Ion:152 Resp: 9878
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 64.2 49.1 73.7

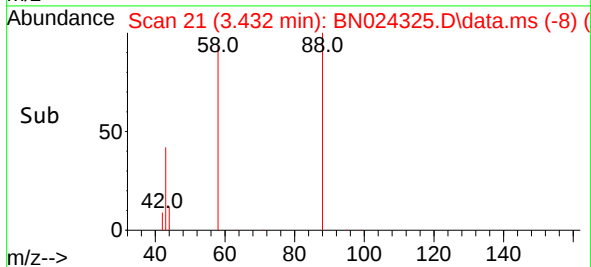
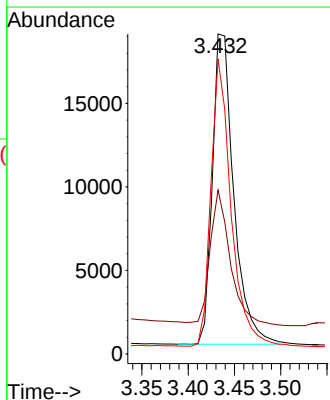
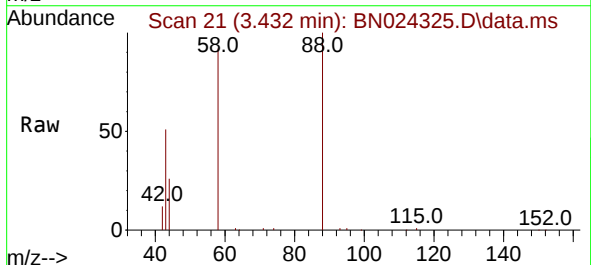
Manual Integrations
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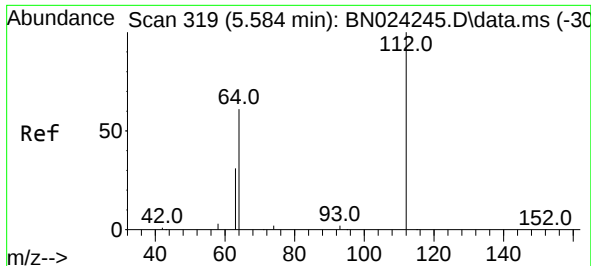
Reviewed By :Christian Giraldo 03/17/2023
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#2
1,4-Dioxane
Concen: 2.788 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

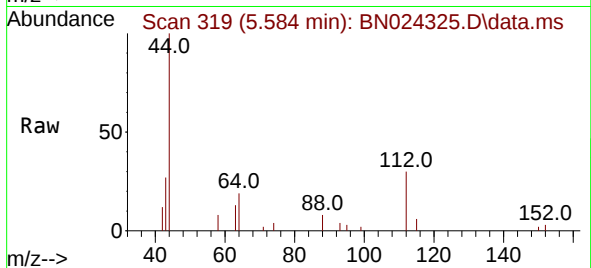
Tgt Ion: 88 Resp: 29968
Ion Ratio Lower Upper
88 100
43 40.8 29.0 43.4
58 86.5 67.3 100.9





#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

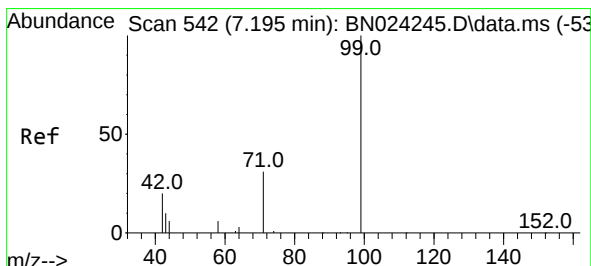
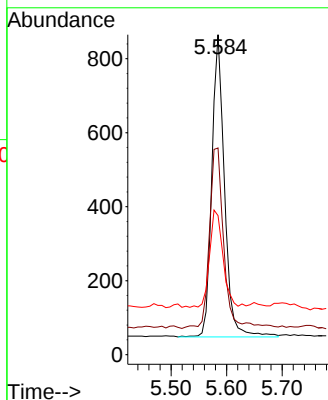
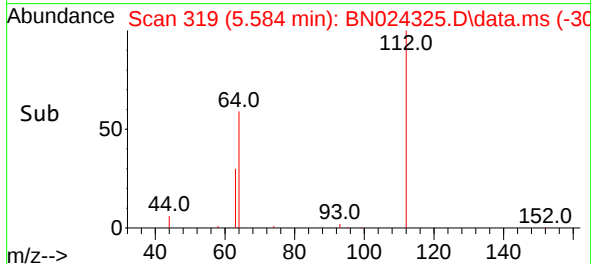
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL



Tgt Ion: 112 Resp: 1298
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 33.9 25.7 38.5

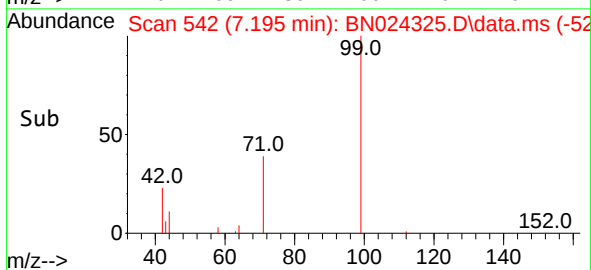
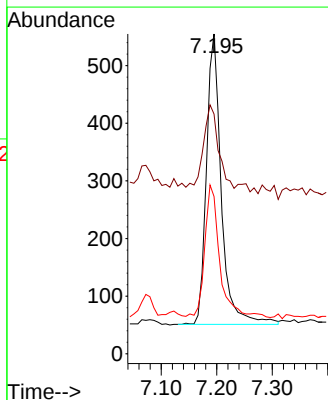
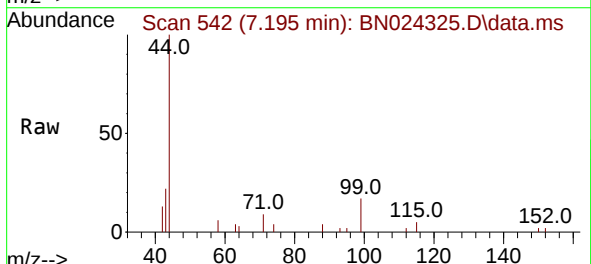
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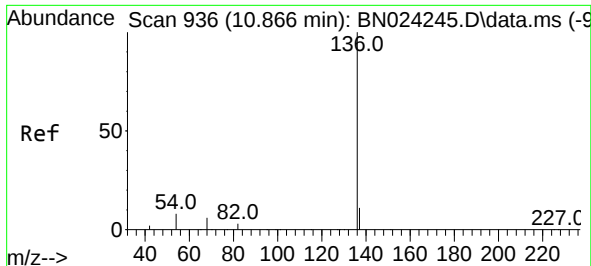
Reviewed By :Christian Giraldo 03/17/2023
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#5
Phenol-d6
Concen: 0.033 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

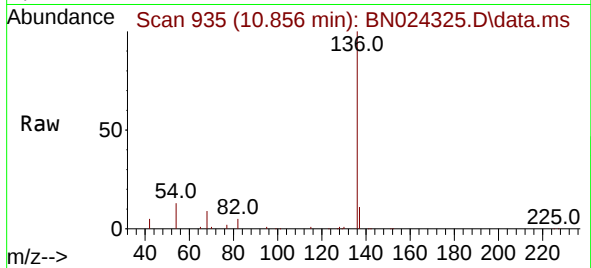
Tgt Ion: 99 Resp: 939
Ion Ratio Lower Upper
99 100
42 28.5 20.1 30.1
71 43.8 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

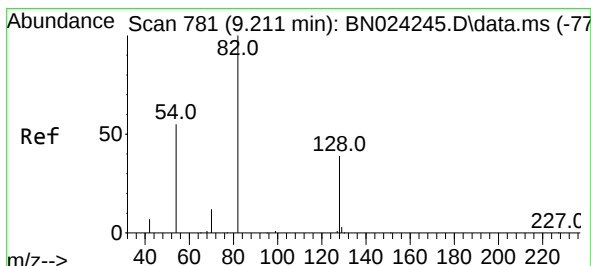
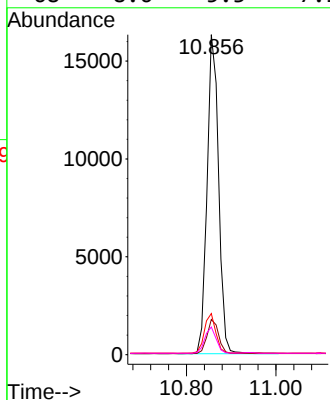
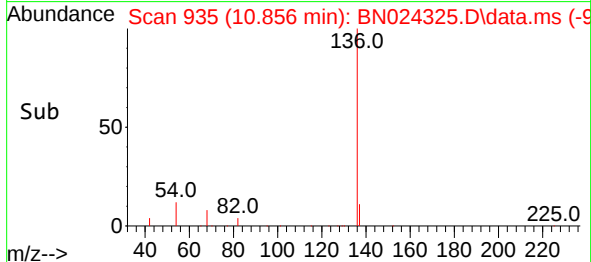
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL



Tgt Ion:136 Resp: 28980
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 12.8 7.1 10.7
68 8.6 5.3 7.9#

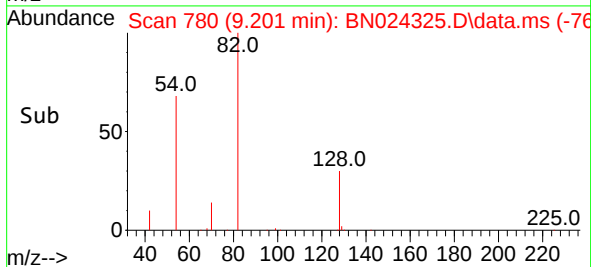
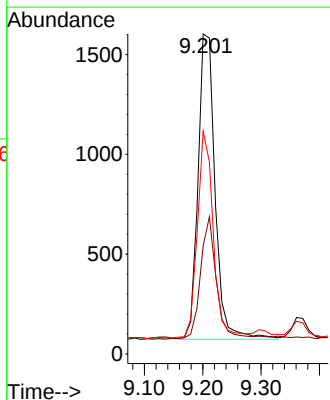
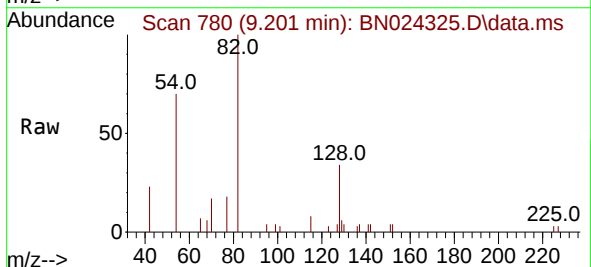
Manual Integrations
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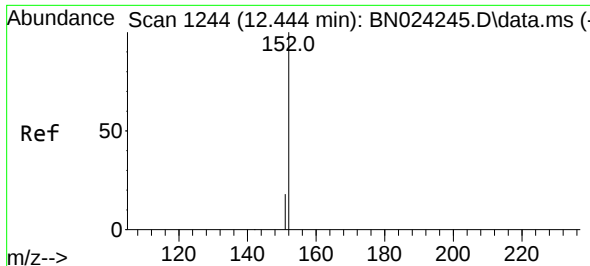
Reviewed By :Christian Giraldo 03/17/2023
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#8
Nitrobenzene-d5
Concen: 0.161 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

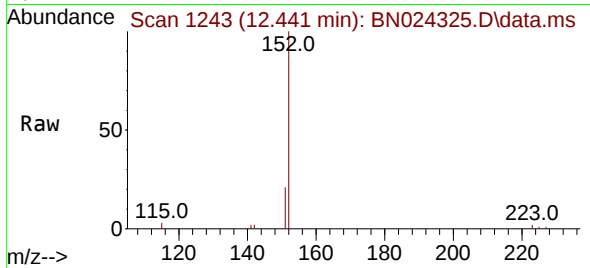
Tgt Ion: 82 Resp: 3112
Ion Ratio Lower Upper
82 100
128 33.7 32.4 48.6
54 69.6 45.2 67.8#





#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 12.441 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

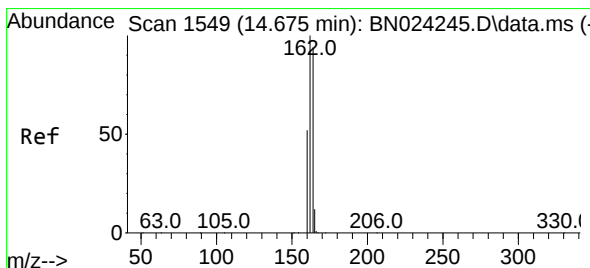
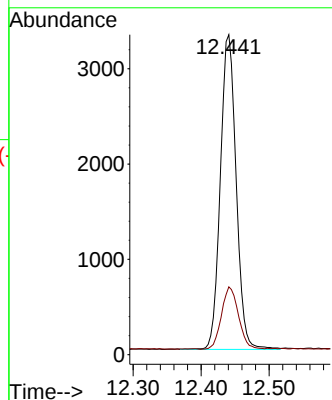
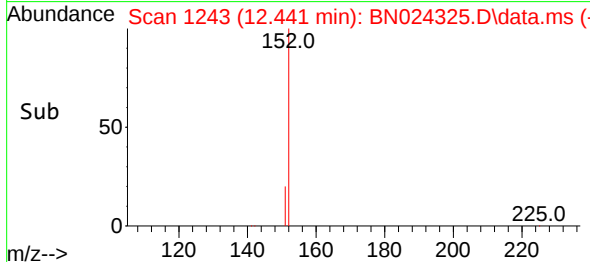
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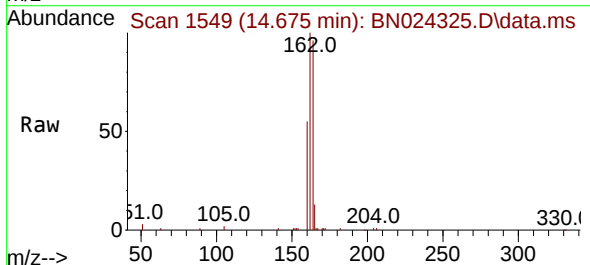
Tgt Ion:152 Resp: 531
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2

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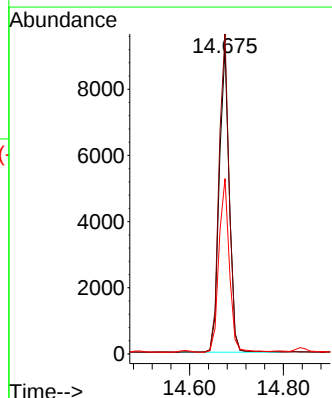
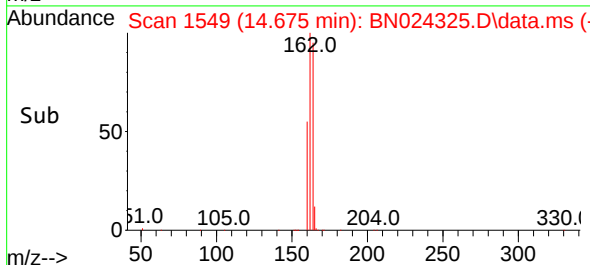
Reviewed By :Christian Giraldo 03/17/2023
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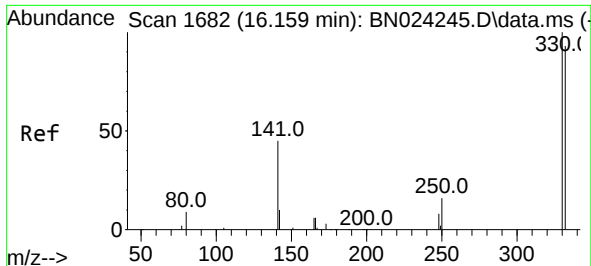


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40



Tgt Ion:164 Resp: 13628
Ion Ratio Lower Upper
164 100
162 104.7 84.7 127.1
160 57.4 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

Instrument :

BNA_N

ClientSampleId :

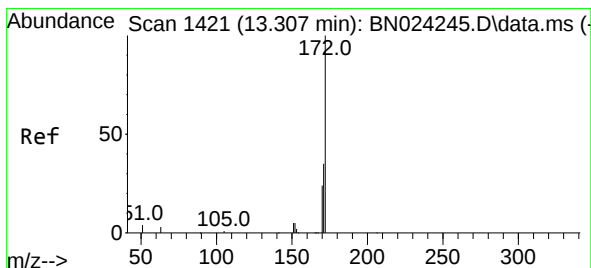
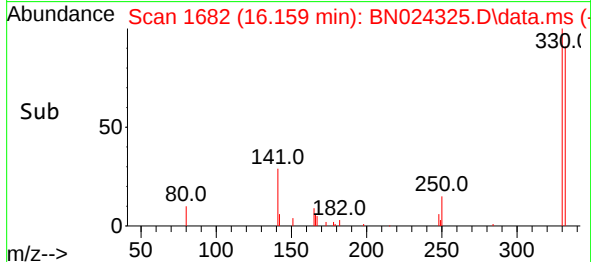
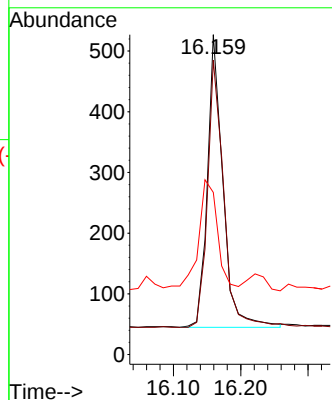
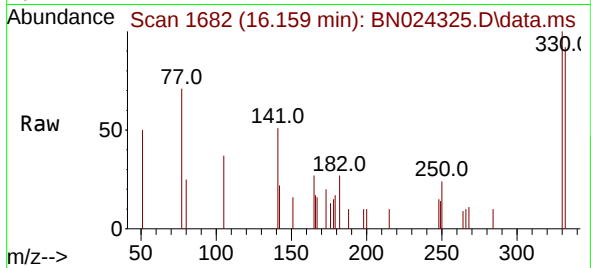
RE132D2-20230306DL

Tgt Ion:330 Resp: 772
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 44.9 30.8 46.2

Manual Integrations

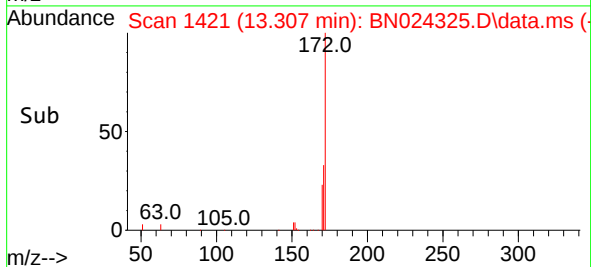
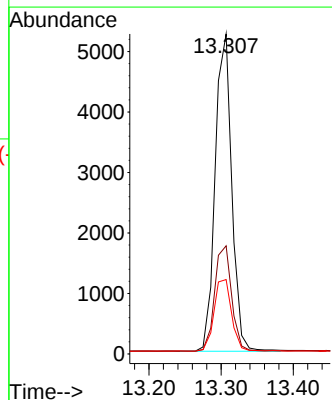
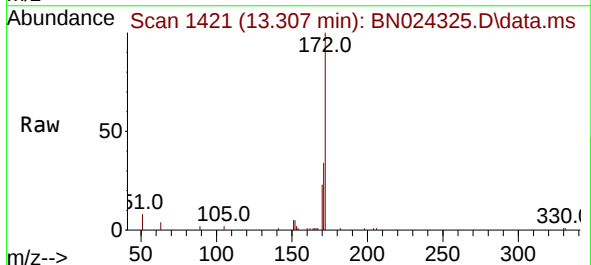
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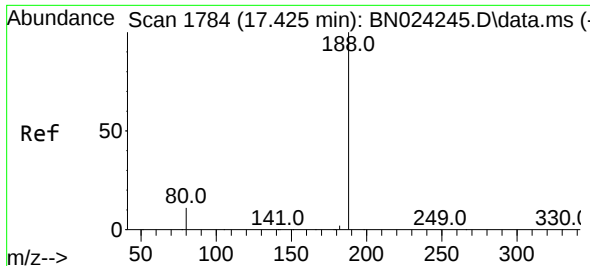
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

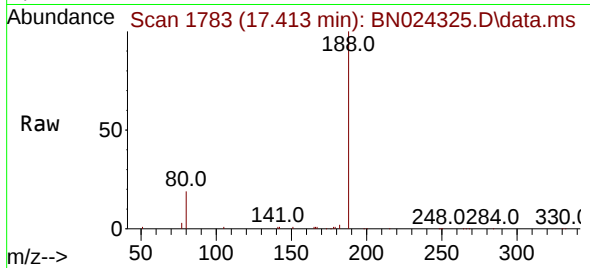
Tgt Ion:172 Resp: 8363
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.3 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

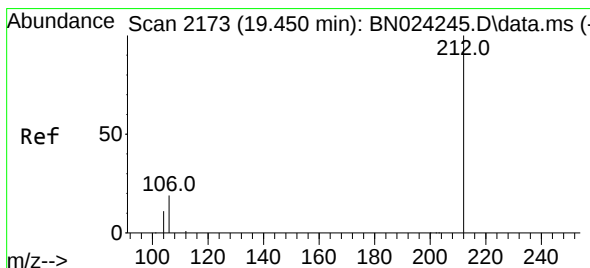
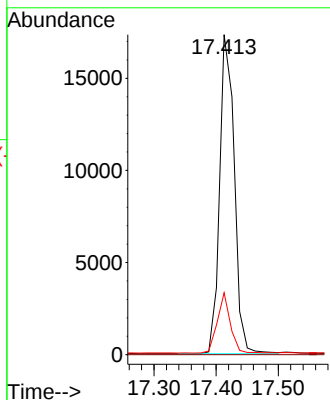
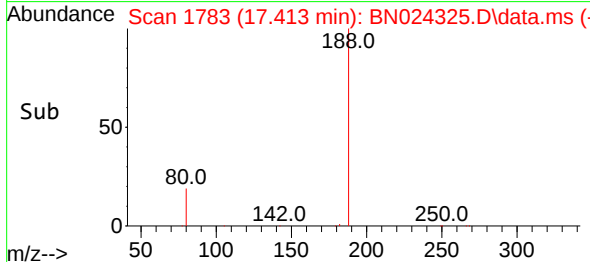
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RE132D2-20230306DL



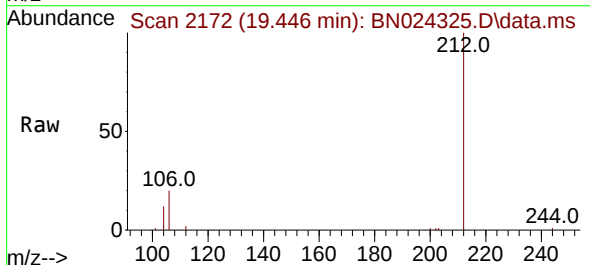
Tgt Ion:188 Resp: 28269
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.4 8.9 13.3

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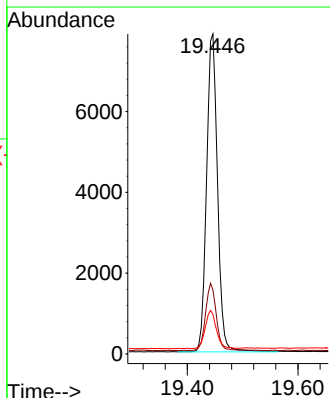
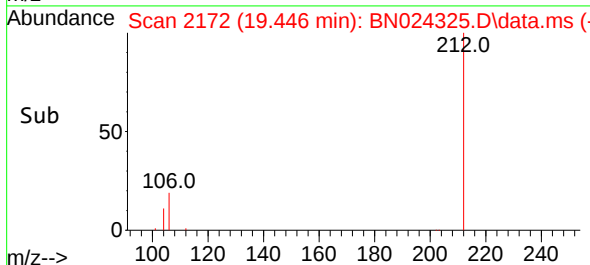
Reviewed By :Christian Giraldo 03/17/2023
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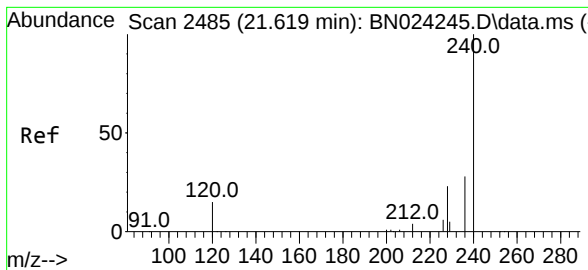


#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40



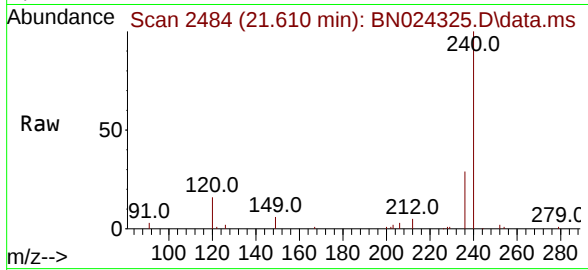
Tgt Ion:212 Resp: 10841
Ion Ratio Lower Upper
212 100
106 20.6 15.4 23.2
104 12.3 8.6 13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40

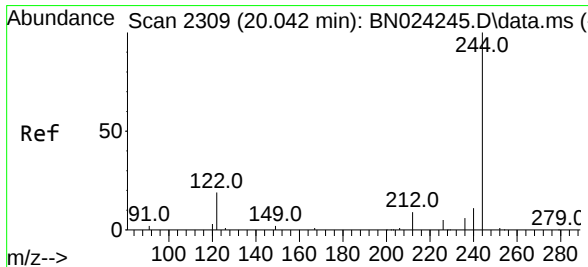
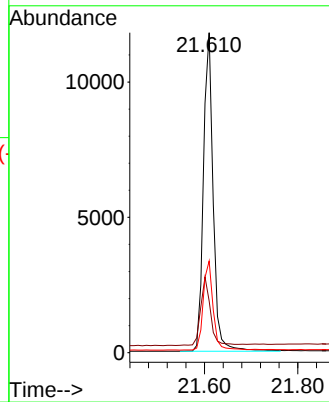
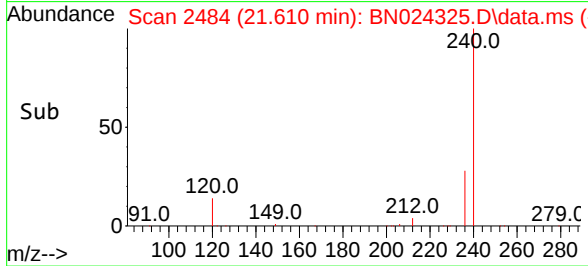
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230306DL



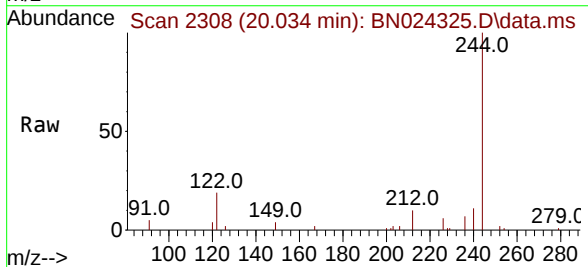
Tgt Ion:240 Resp: 1718
Ion Ratio Lower Upper
240 100
120 16.1 12.8 19.2
236 28.7 22.5 33.7

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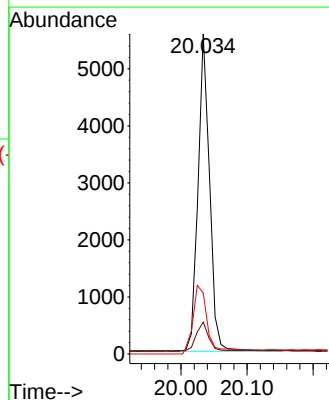
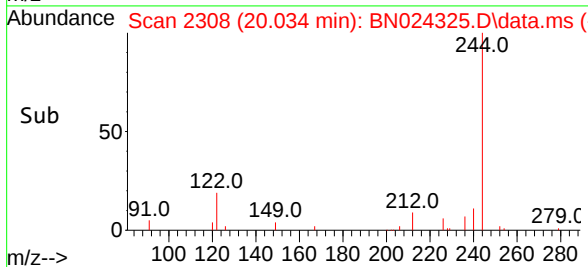
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

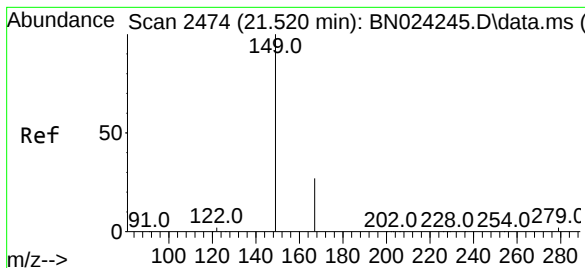


#31
Terphenyl-d14
Concen: 0.219 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024325.D
Acq: 16 Mar 2023 23:40



Tgt Ion:244 Resp: 6350
Ion Ratio Lower Upper
244 100
212 10.0 7.6 11.4
122 19.1 15.1 22.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.502 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230306DL

Tgt Ion:149 Resp: 1409

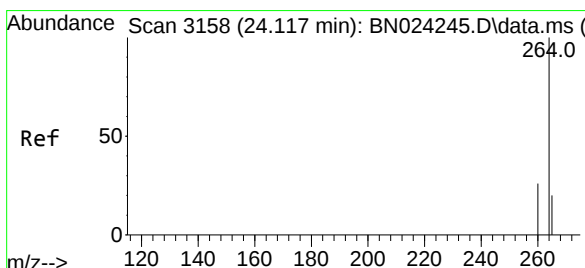
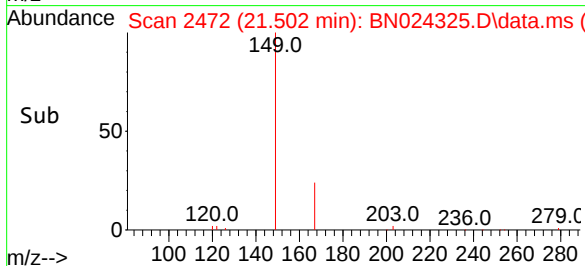
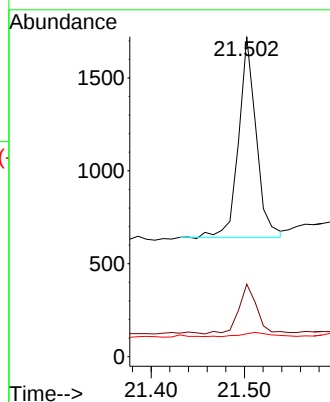
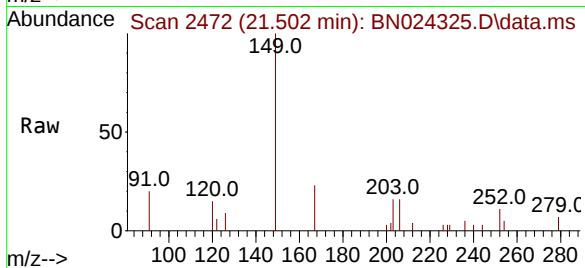
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	3.3	1.8	2.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.100 min Scan# 3152

Delta R.T. -0.014 min

Lab File: BN024325.D

Acq: 16 Mar 2023 23:40

Tgt Ion:264 Resp: 12605

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.4	32.2
265	58.6	35.7	53.5

