

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024327.D
 Acq On : 17 Mar 2023 00:53
 Operator : CG/JU
 Sample : 01843-07DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306DL

Quant Time: Mar 17 04:45:04 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	9755	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	28573	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13568	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28164	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	17633	0.400	ng	0.00
35) Perylene-d12	24.088	264	12584	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1247	0.058	ng	0.00
5) Phenol-d6	7.195	99	912	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3109m	0.163	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5097	0.145	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	772	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	7744	0.151	ng	0.00
27) Fluoranthene-d10	19.446	212	11810	0.198	ng	0.00
31) Terphenyl-d14	20.034	244	6362	0.214	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	27820	2.621	ng	97
34) Bis(2-ethylhexyl)phtha...	21.493	149	1996	0.072	ng	# 96

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

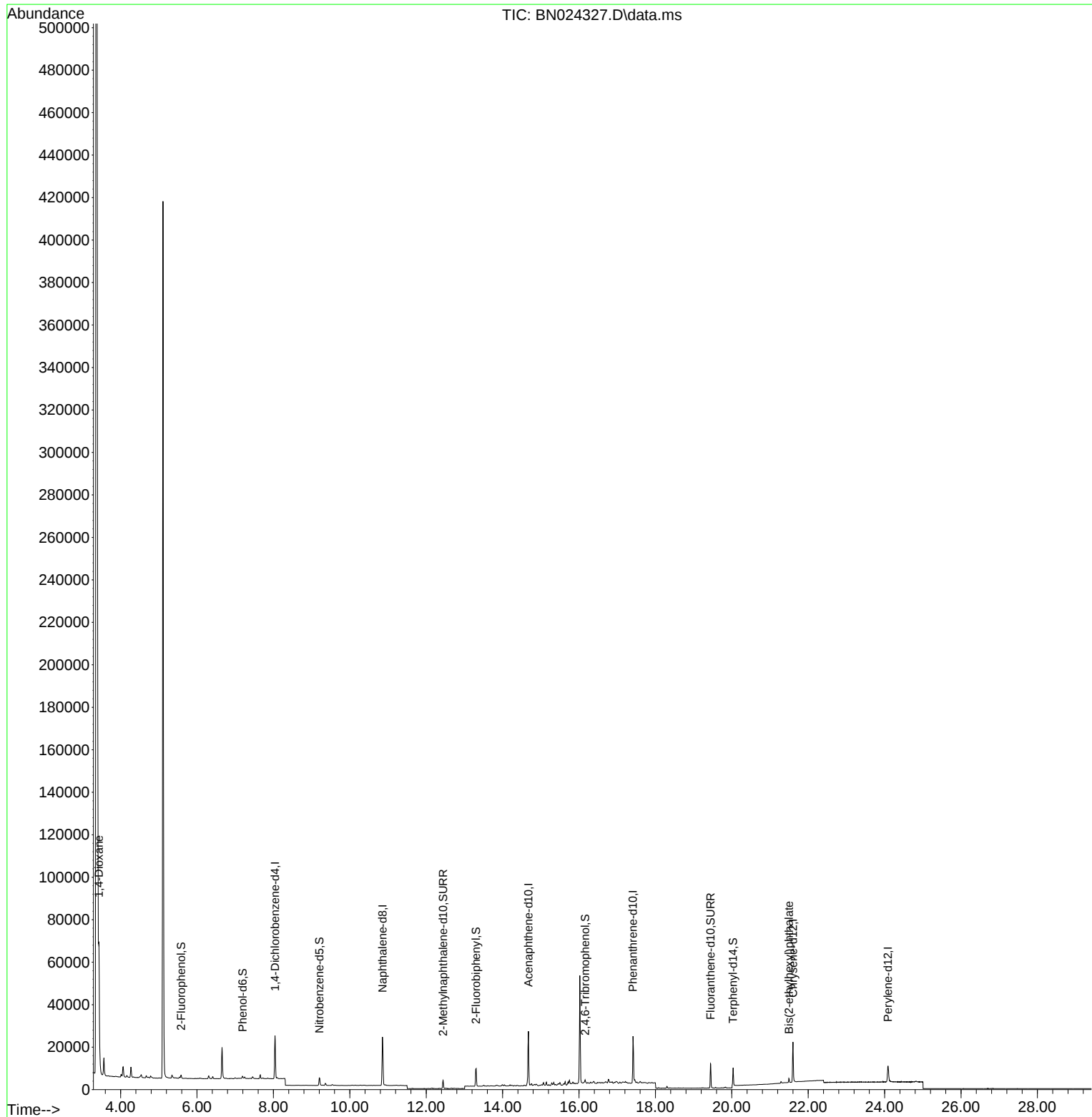
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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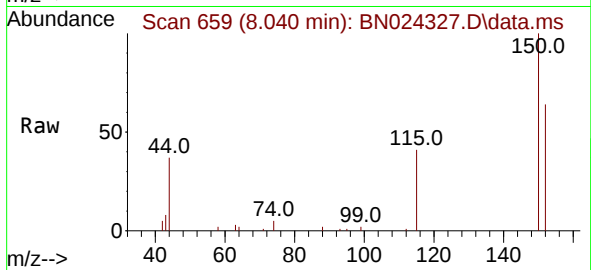
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024327.D
 Acq: 17 Mar 2023 00:53

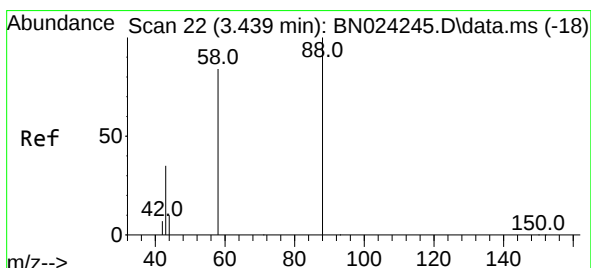
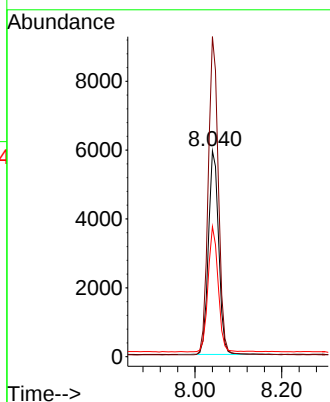
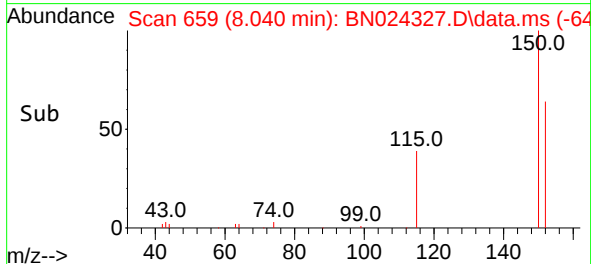
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306DL



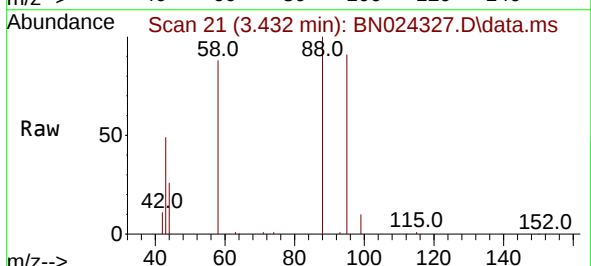
Tgt Ion: 152 Resp: 975
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.7 187.1
 115 63.2 49.1 73.7

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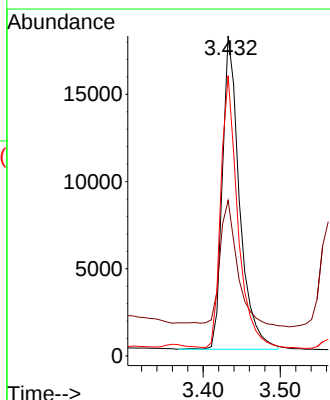
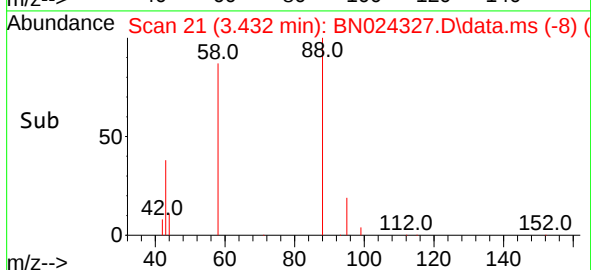
Reviewed By : Christian Giraldo 03/17/2023
 Supervised By : Jagrut Upadhyay 03/17/2023

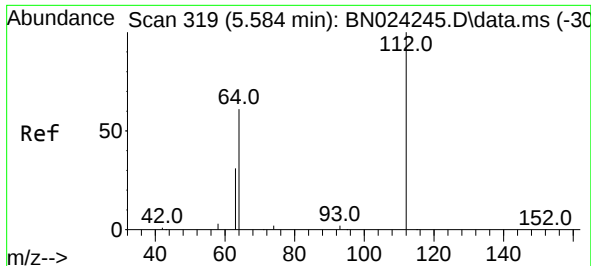


#2
 1,4-Dioxane
 Concen: 2.621 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024327.D
 Acq: 17 Mar 2023 00:53



Tgt Ion: 88 Resp: 27820
 Ion Ratio Lower Upper
 88 100
 43 40.6 29.0 43.4
 58 84.9 67.3 100.9





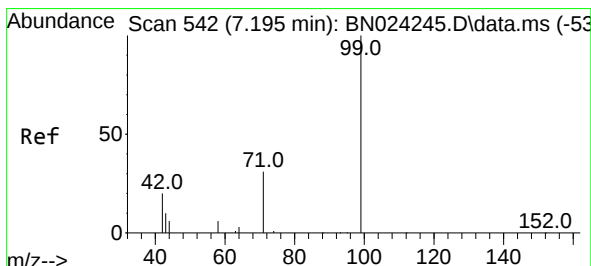
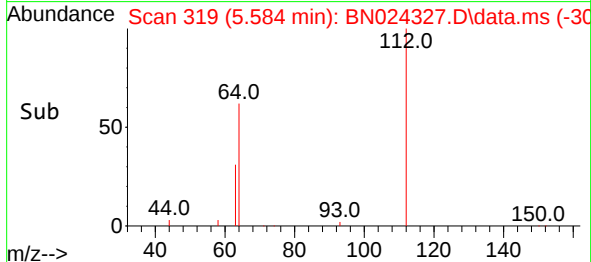
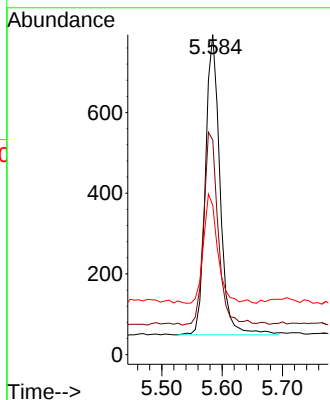
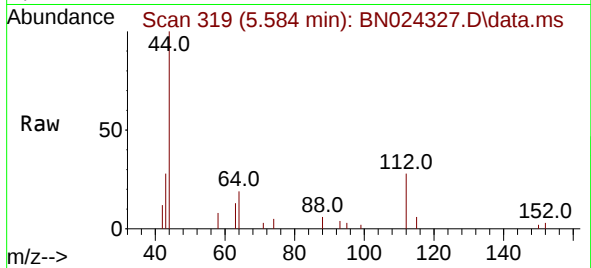
#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL

Tgt Ion: 112 Resp: 124
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.6
63 35.8 25.7 38.5

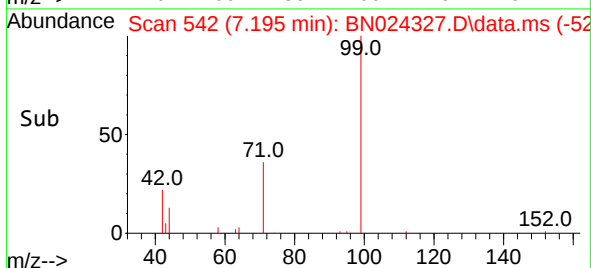
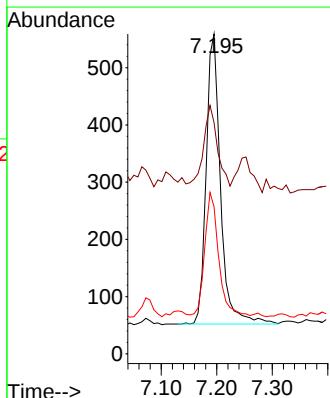
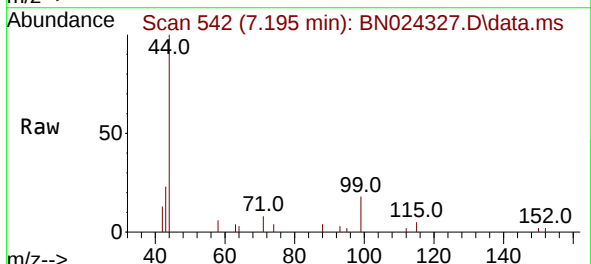
Manual Integrations
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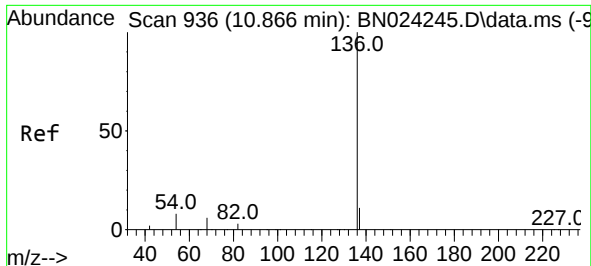
Reviewed By :Christian Giraldo 03/17/2023
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#5
Phenol-d6
Concen: 0.033 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

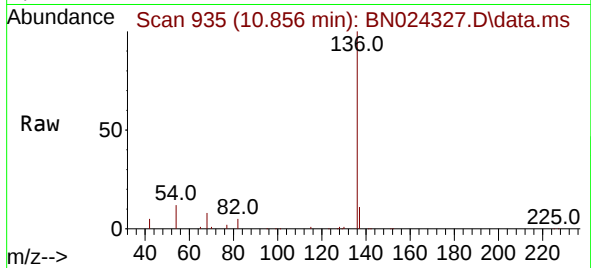
Tgt Ion: 99 Resp: 912
Ion Ratio Lower Upper
99 100
42 26.6 20.1 30.1
71 40.8 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

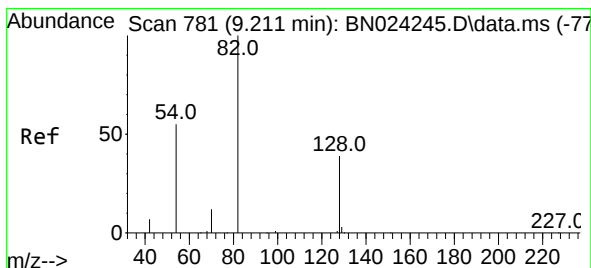
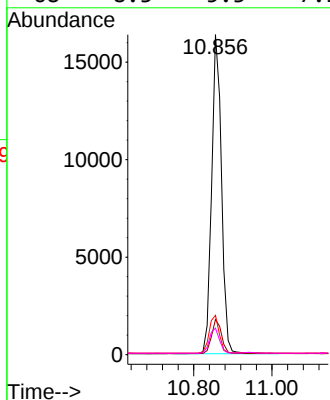
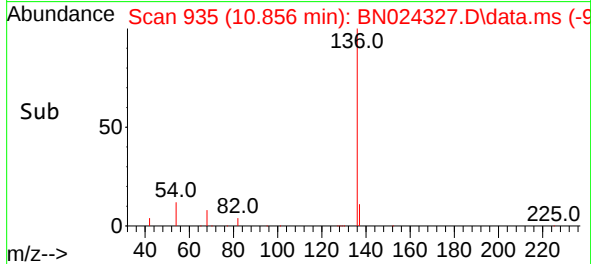
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL



Tgt Ion:136 Resp: 2857
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 12.3 7.1 10.7
68 8.3 5.3 7.9#

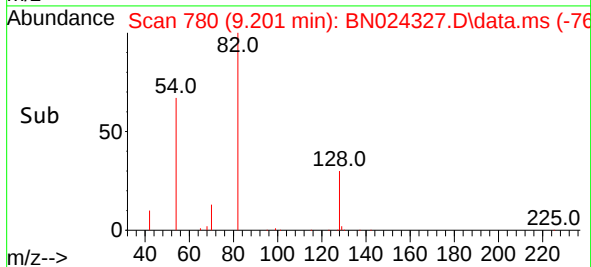
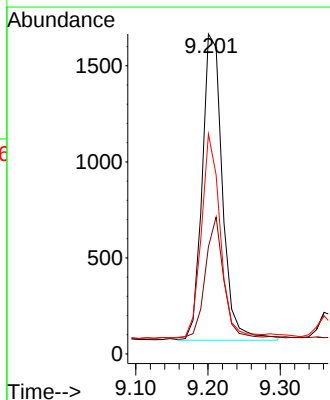
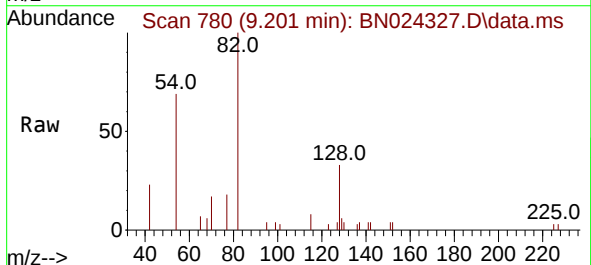
Manual Integrations
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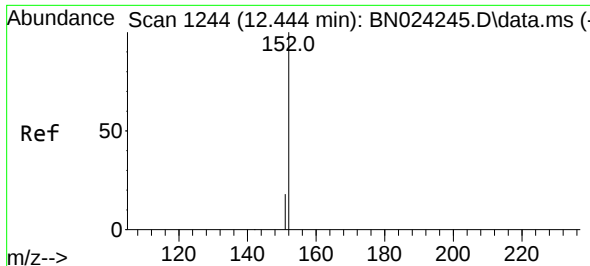
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#8
Nitrobenzene-d5
Concen: 0.163 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

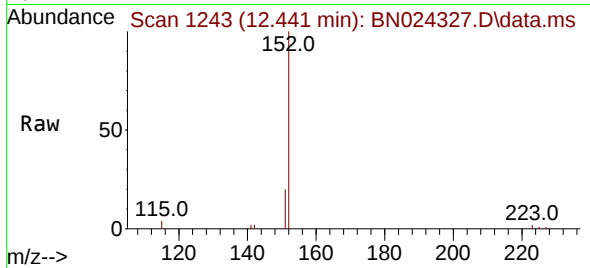
Tgt Ion: 82 Resp: 3109
Ion Ratio Lower Upper
82 100
128 33.5 32.4 48.6
54 68.7 45.2 67.8#





#11
2-Methylnaphthalene-d10
Concen: 0.145 ng
RT: 12.441 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

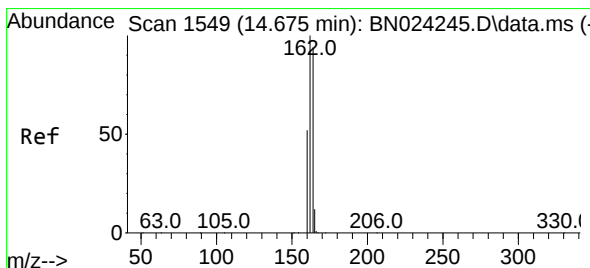
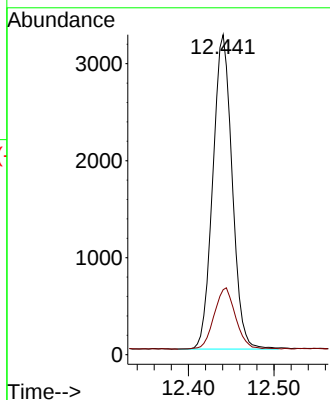
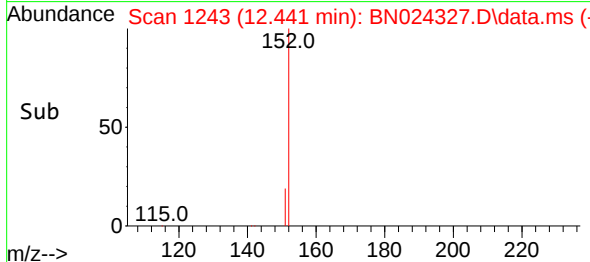
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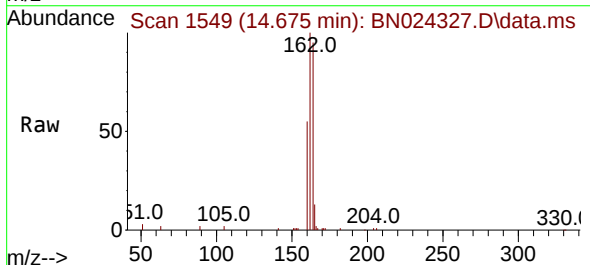
Tgt Ion:152 Resp: 509
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2

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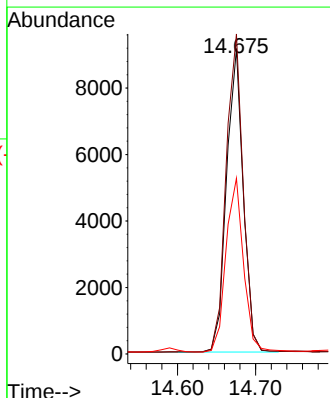
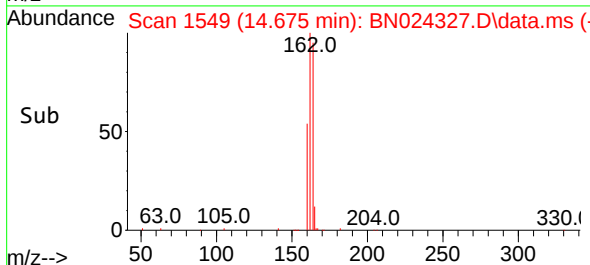
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

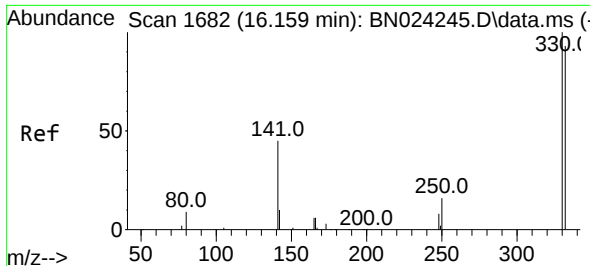


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53



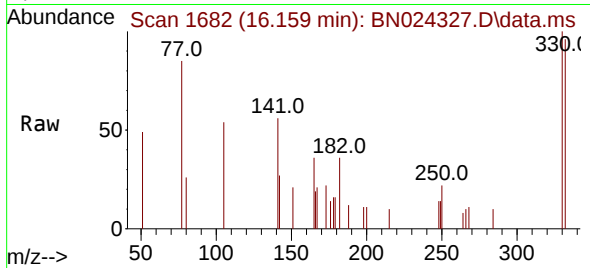
Tgt Ion:164 Resp: 13568
Ion Ratio Lower Upper
164 100
162 104.8 84.7 127.1
160 57.5 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

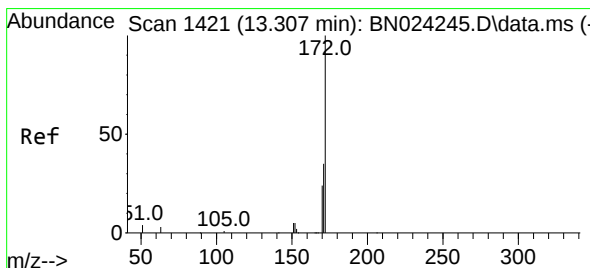
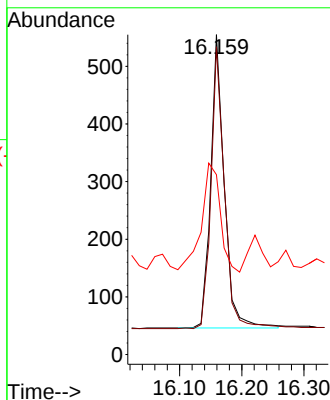
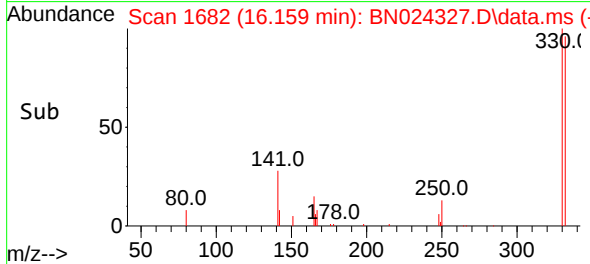
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ClientSampleId :
RE132D6-20230306DL



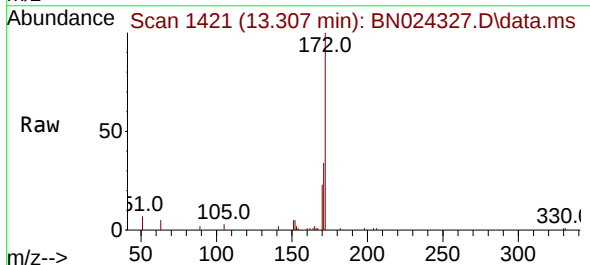
Tgt Ion: 330 Resp: 774
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 51.6 30.8 46.2

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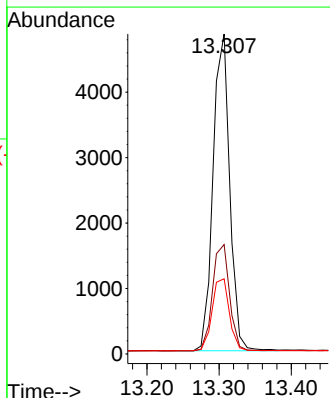
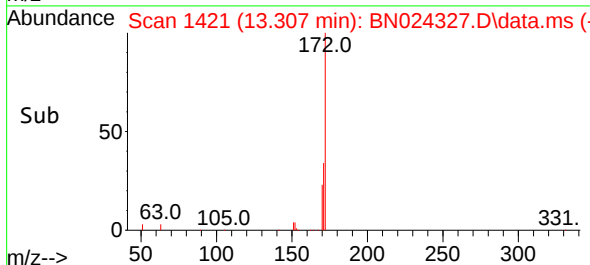
Reviewed By : Christian Giraldo 03/17/2023
Supervised By : Jagrut Upadhyay 03/17/2023

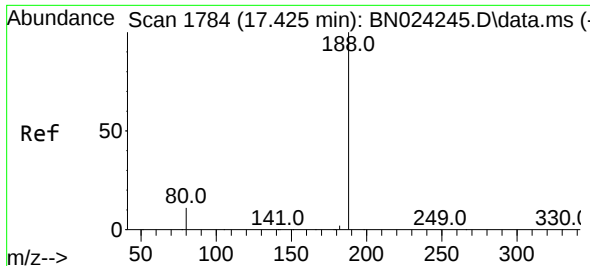


#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53



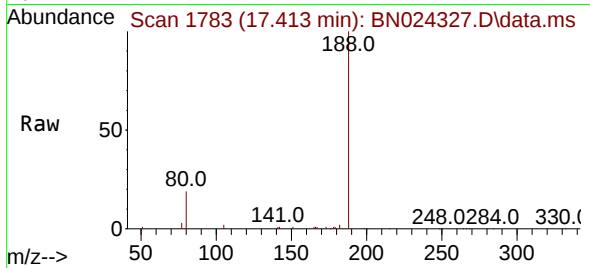
Tgt Ion: 172 Resp: 7744
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.5 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

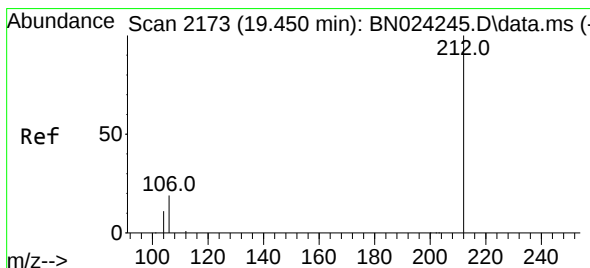
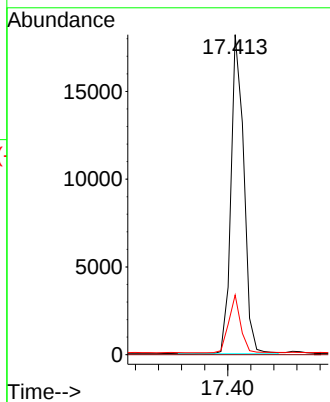
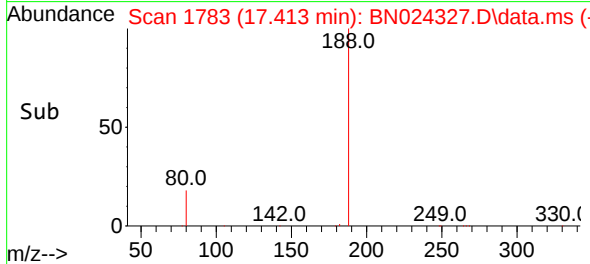
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL



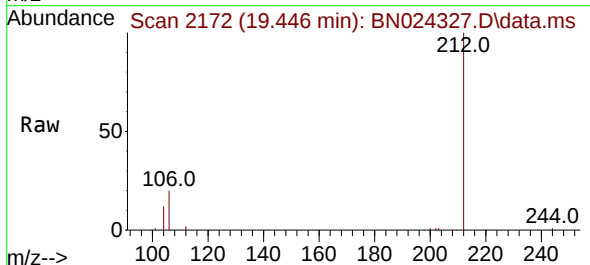
Tgt Ion:188 Resp: 28164
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.6 8.9 13.3

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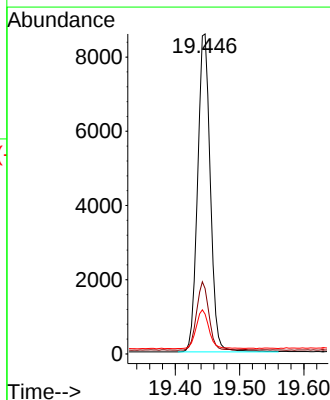
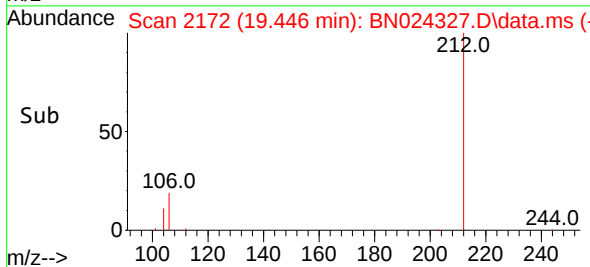
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

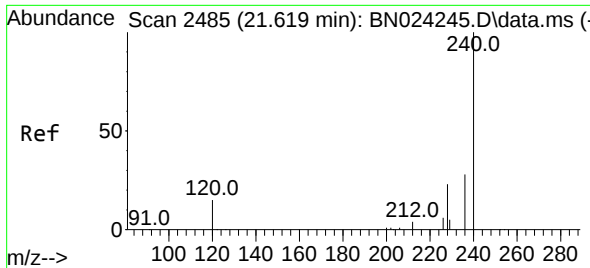


#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53



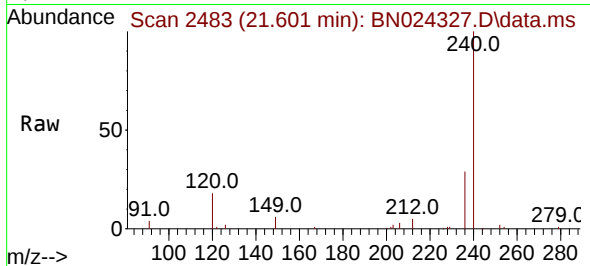
Tgt Ion:212 Resp: 11810
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 12.3 8.6 13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

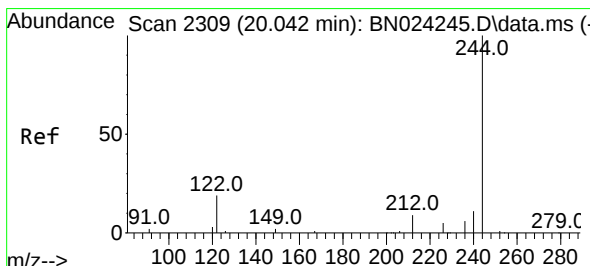
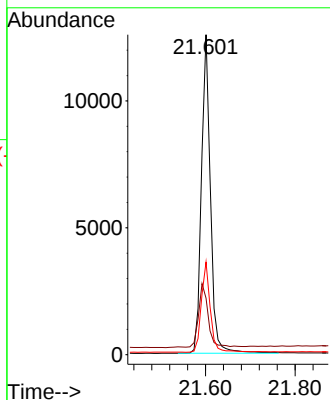
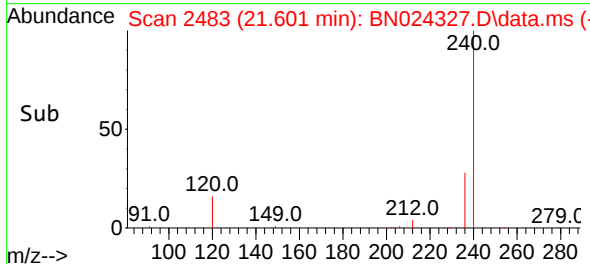
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL



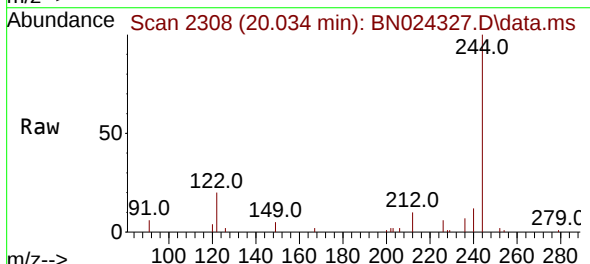
Tgt Ion:240 Resp: 1763
Ion Ratio Lower Upper
240 100
120 17.6 12.8 19.2
236 29.0 22.5 33.7

Manual Integrations
APPROVED

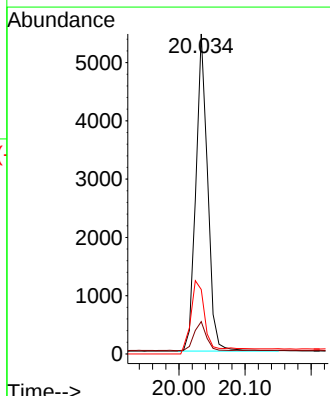
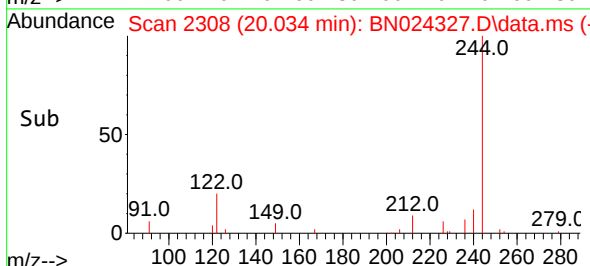
Reviewed By :Christian Giraldo 03/17/2023
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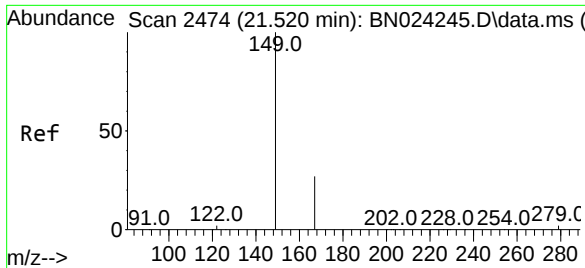


#31
Terphenyl-d14
Concen: 0.214 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53



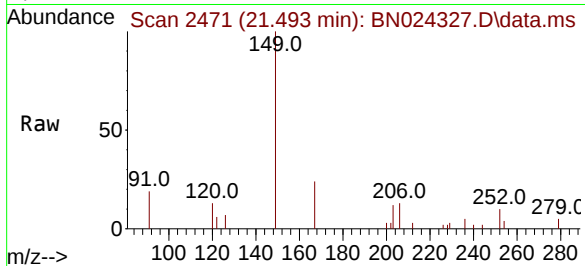
Tgt Ion:244 Resp: 6362
Ion Ratio Lower Upper
244 100
212 10.1 7.6 11.4
122 20.1 15.1 22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.493 min Scan# 2471
Delta R.T. -0.009 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

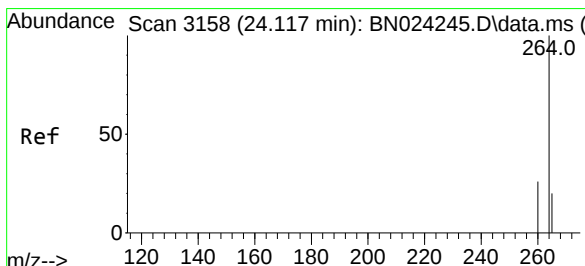
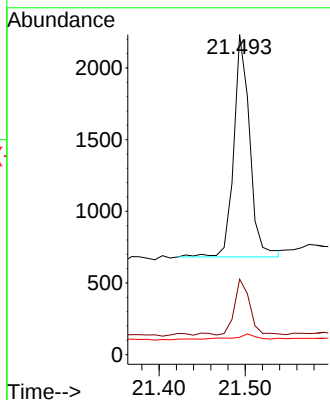
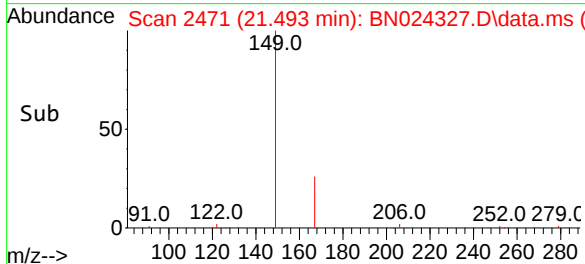
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL



Tgt Ion:149 Resp: 1990
Ion Ratio Lower Upper
149 100
167 24.1 21.2 31.8
279 2.8 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: 24.088 min Scan# 3148
Delta R.T. -0.026 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Tgt Ion:264 Resp: 12584
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.2
265 62.7 35.7 53.5

