

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
 Data File : BN019978.D
 Acq On : 26 May 2022 17:53
 Operator : CG/JU
 Sample : N2958-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20220517

Quant Time: May 27 03:07:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 07:42:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
 Supervised By :Jagrut Upadhyay 05/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3928	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13459	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	8108	0.400	ng	0.01
19) Phenanthrene-d10	17.205	188	16229	0.400	ng	# 0.00
29) Chrysene-d12	21.395	240	9860	0.400	ng	0.00
35) Perylene-d12	23.738	264	8104	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1394	0.142	ng	0.00
5) Phenol-d6	7.024	99	945	0.077	ng	0.01
8) Nitrobenzene-d5	9.003	82	2987m	0.294	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	7121	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	764	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	12655	0.357	ng	0.00
27) Fluoranthene-d10	19.240	212	16491	0.358	ng	0.00
31) Terphenyl-d14	19.839	244	12215	0.525	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	504	0.108	ng	# 80
9) Naphthalene	10.690	128	1325	0.032	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.315	149	1732	0.116	ng	91

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

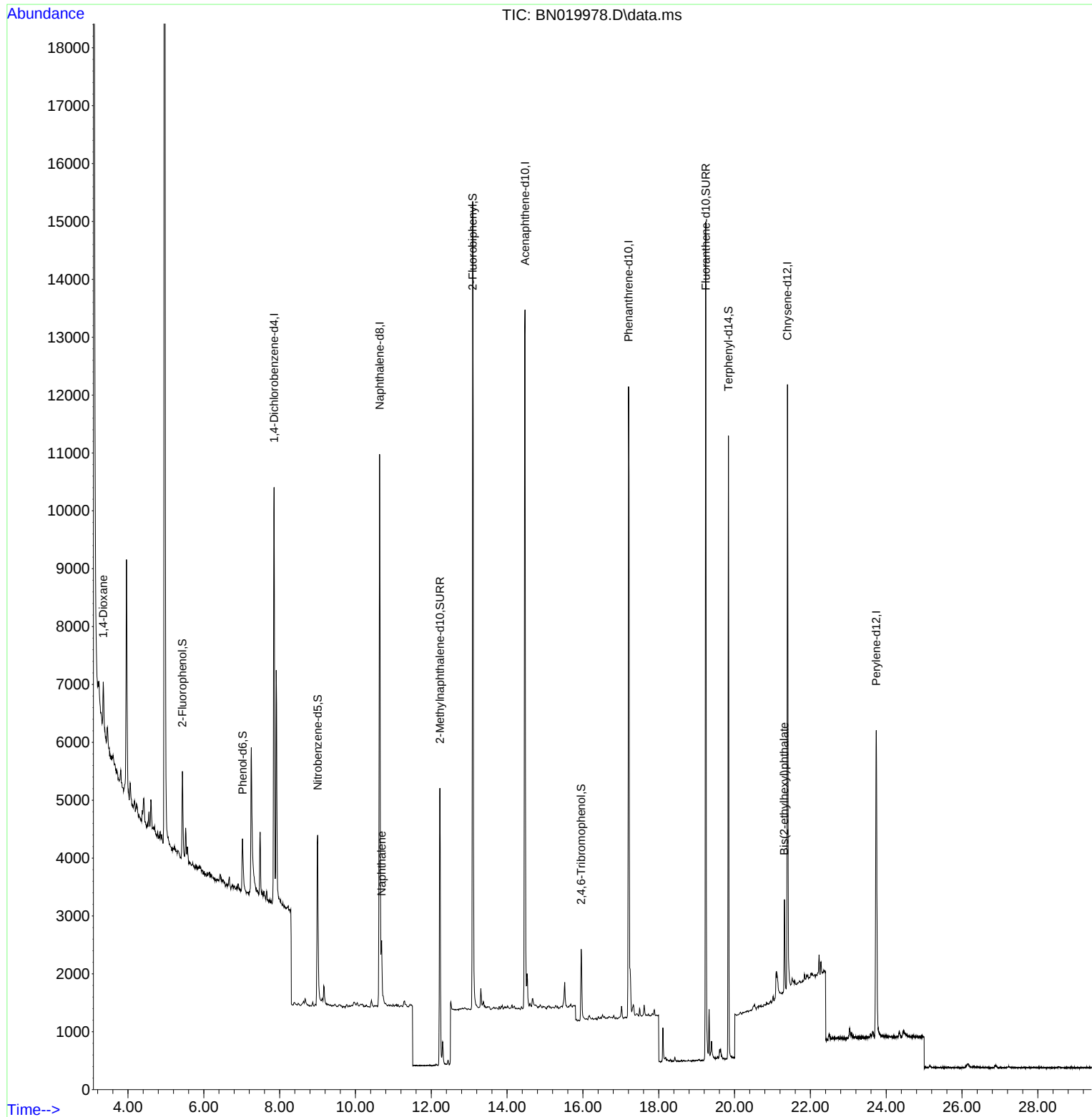
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019978.D
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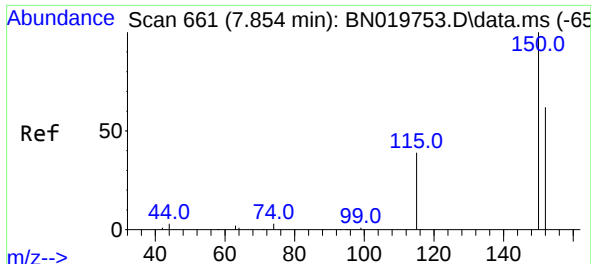
Instrument :
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ClientSampleId :
RW8-MW01D1-20220517

Quant Time: May 27 03:07:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

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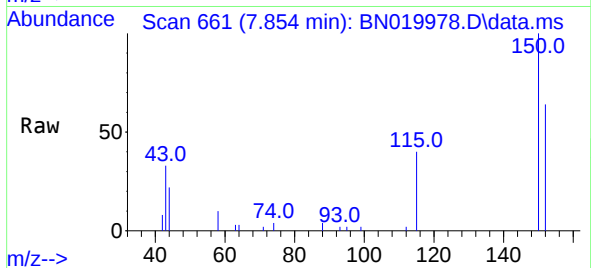
Reviewed By : Christian Giraldo 05/27/2022
Supervised By : Jagrut Upadhyay 05/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

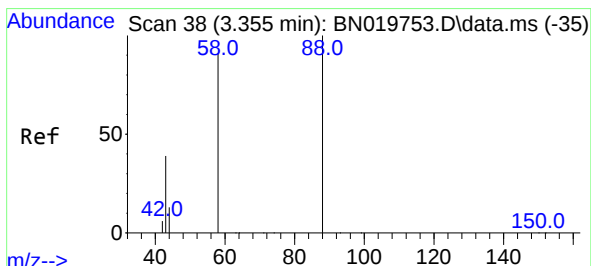
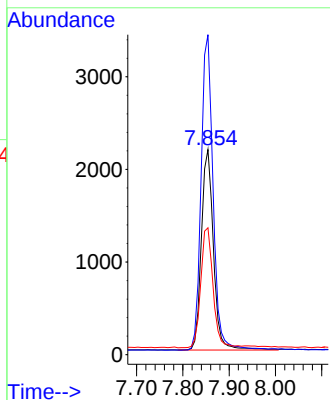
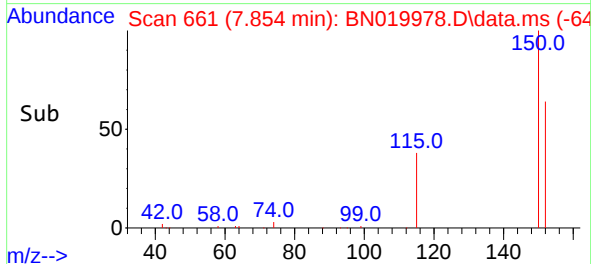
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



Tgt Ion: 152 Resp: 3928
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 61.9 51.4 77.2

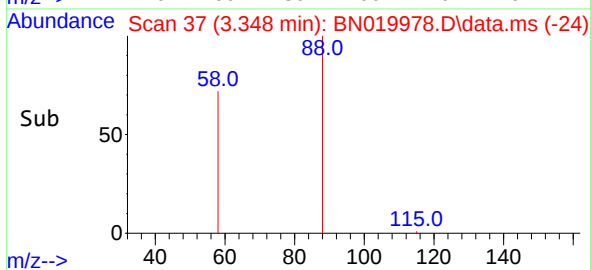
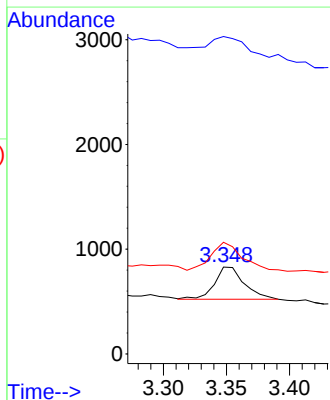
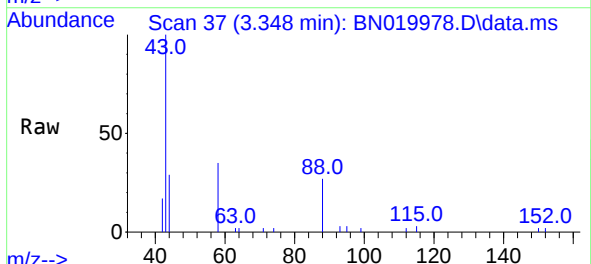
Manual Integrations
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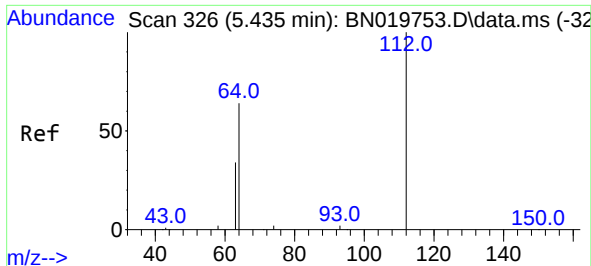
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

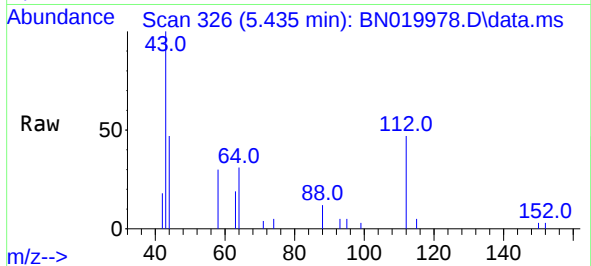
Tgt Ion: 88 Resp: 504
Ion Ratio Lower Upper
88 100
43 75.6 30.2 45.2#
58 89.3 73.0 109.6





#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

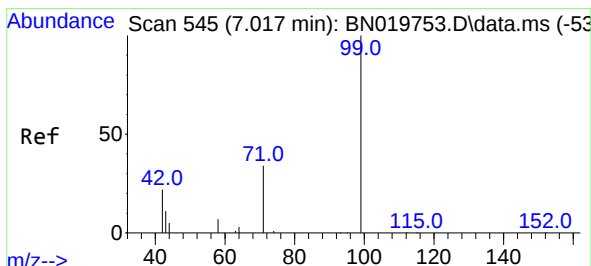
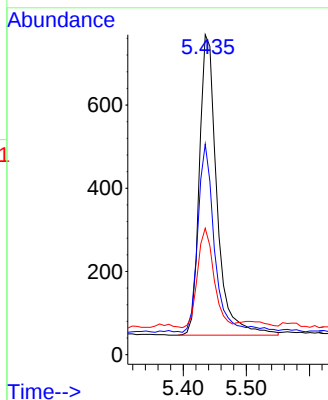
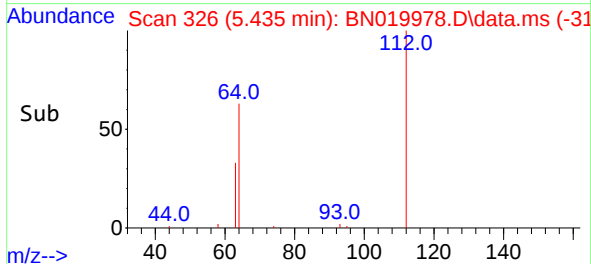
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



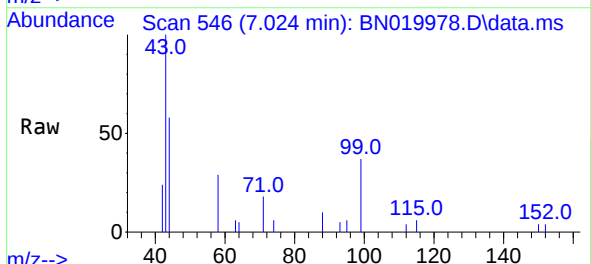
Tgt Ion: 112 Resp: 1394
Ion Ratio Lower Upper
112 100
64 59.5 49.1 73.7
63 30.8 26.3 39.5

Manual Integrations
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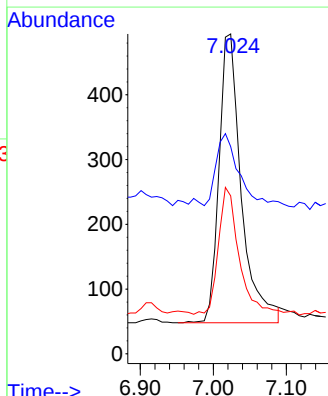
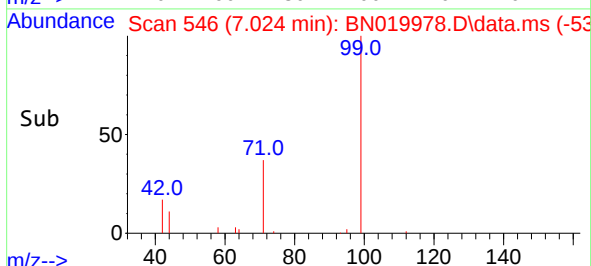
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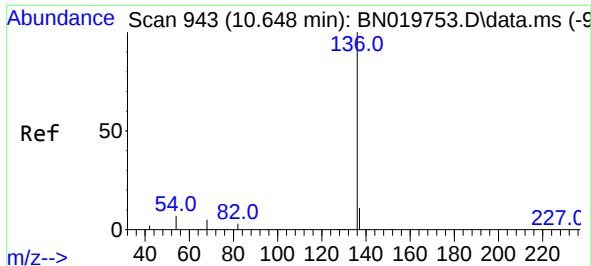


#5
Phenol-d6
Concen: 0.077 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53



Tgt Ion: 99 Resp: 945
Ion Ratio Lower Upper
99 100
42 25.1 19.3 28.9
71 40.5 27.5 41.3





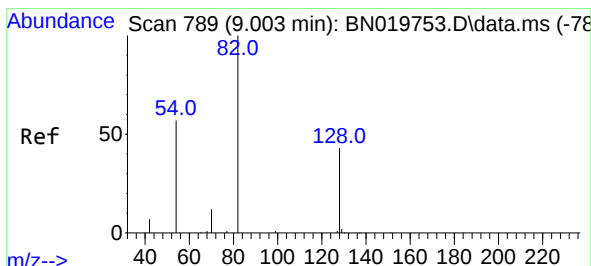
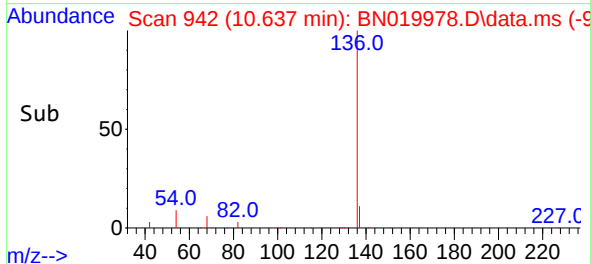
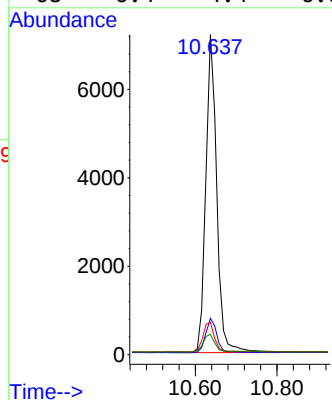
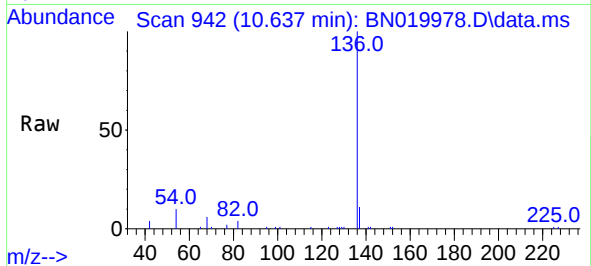
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517

Tgt Ion:	136	Resp:	1345
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.1	6.2	9.2
68	6.4	4.4	6.6

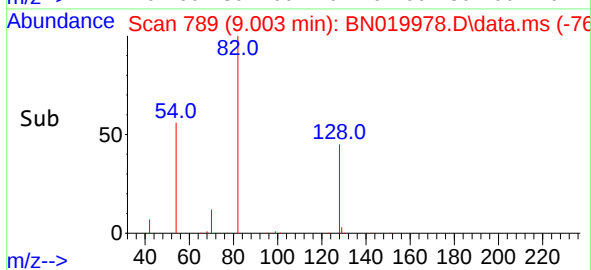
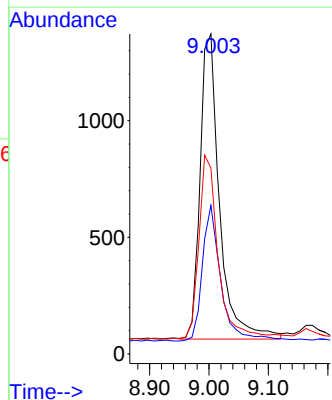
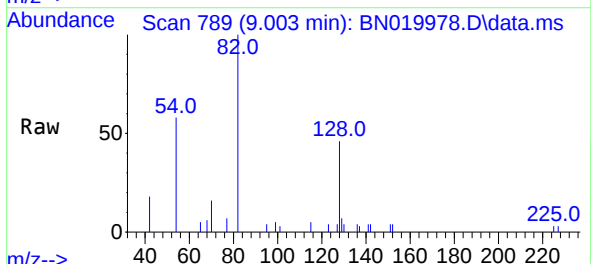
Manual Integrations
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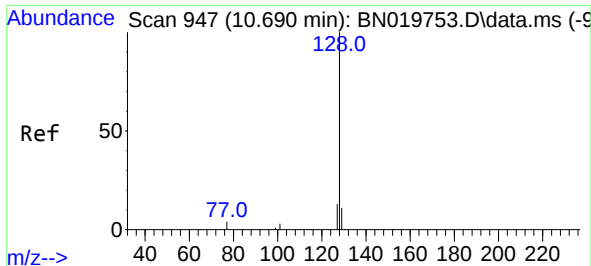
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#8
Nitrobenzene-d5
Concen: 0.294 ng m
RT: 9.003 min Scan# 789
Delta R.T. 0.010 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

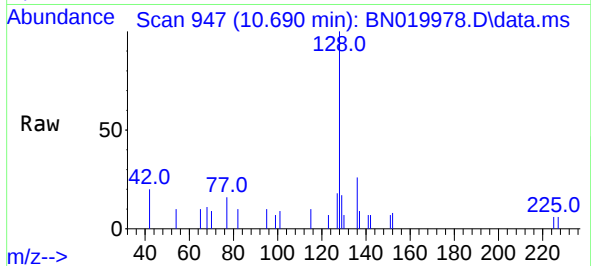
Tgt Ion:	82	Resp:	2987
Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.0	52.6
54	58.1	46.2	69.4





#9
Naphthalene
Concen: 0.032 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

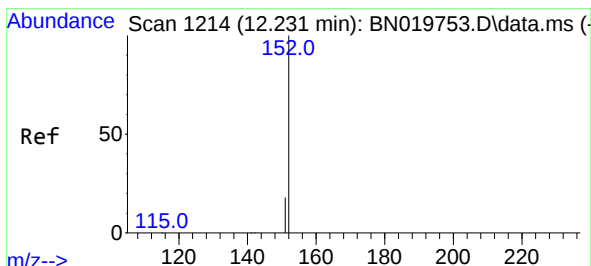
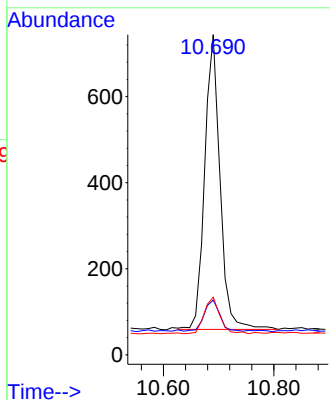
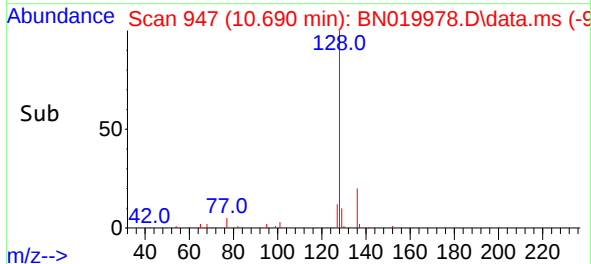
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



Tgt Ion:128 Resp: 1325
Ion Ratio Lower Upper
128 100
129 17.1 8.9 13.3
127 18.0 10.8 16.2

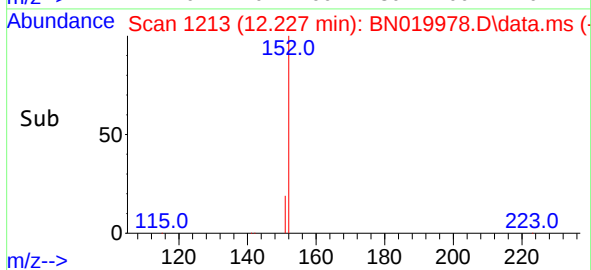
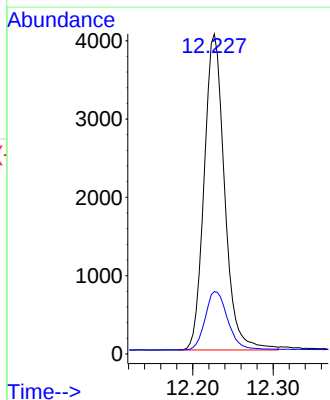
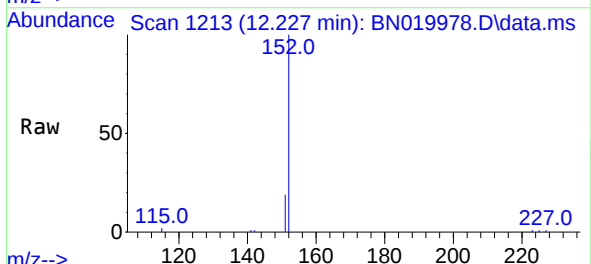
Manual Integrations
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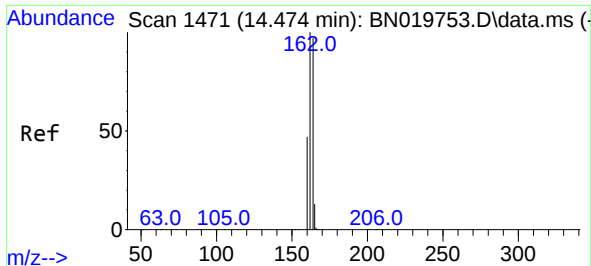
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

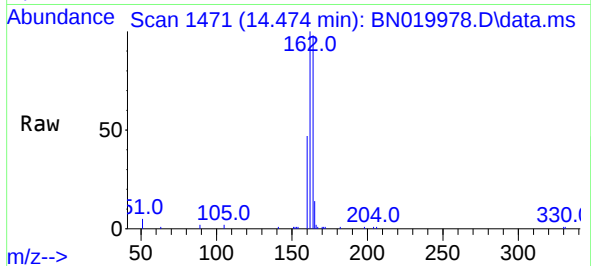
Tgt Ion:152 Resp: 7121
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

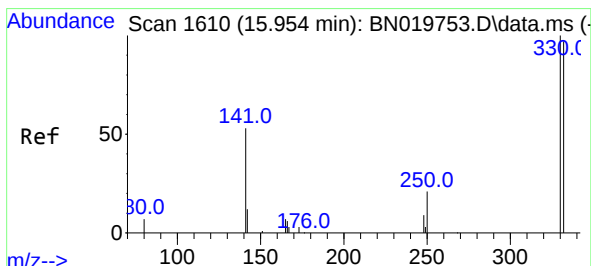
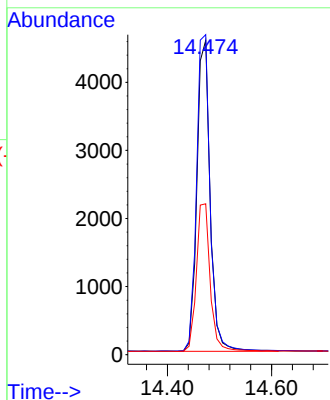
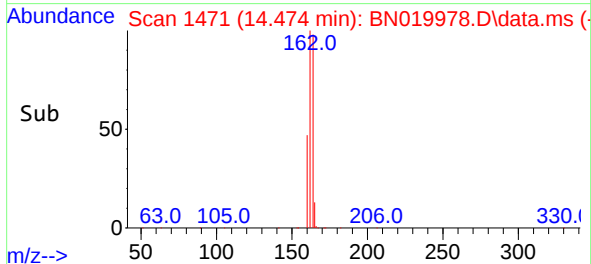
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



Tgt Ion:164 Resp: 810
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 48.0 38.6 58.0

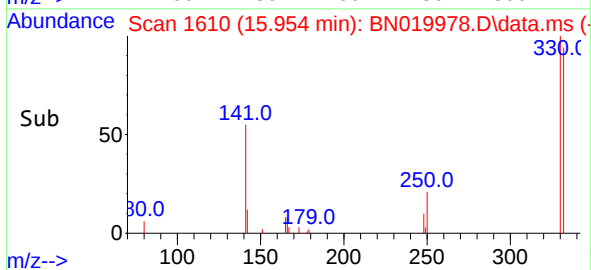
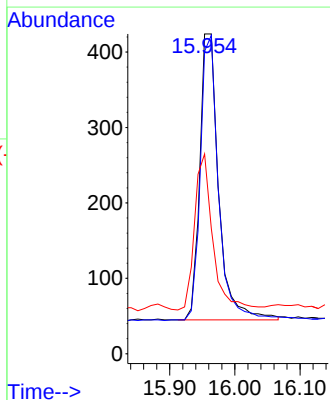
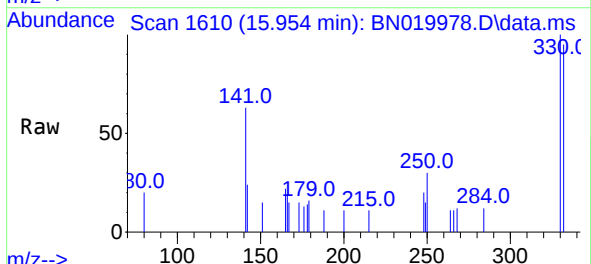
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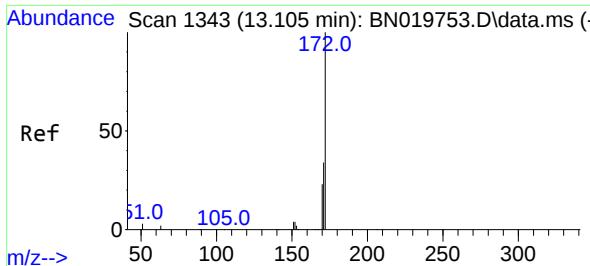
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

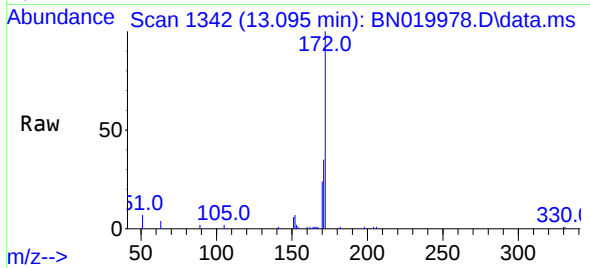
Tgt Ion:330 Resp: 764
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 52.6 41.0 61.4





#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

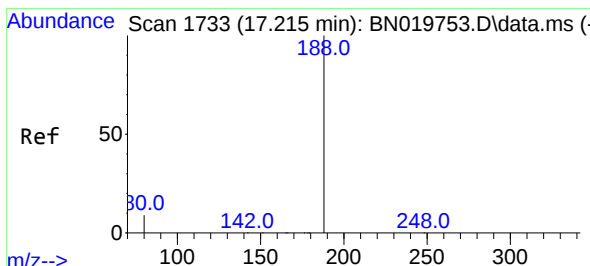
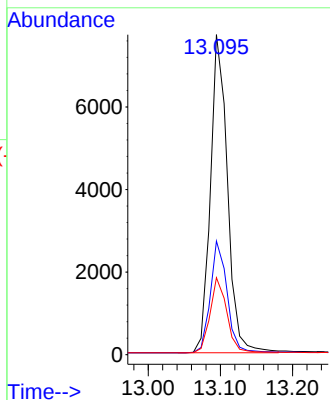
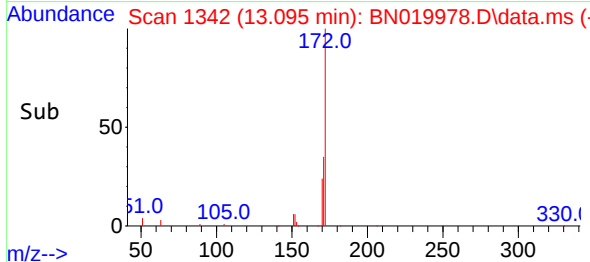
Instrument :
BNA_N
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RW8-MW01D1-20220517



Tgt Ion:172 Resp: 1265
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 24.0 18.2 27.4

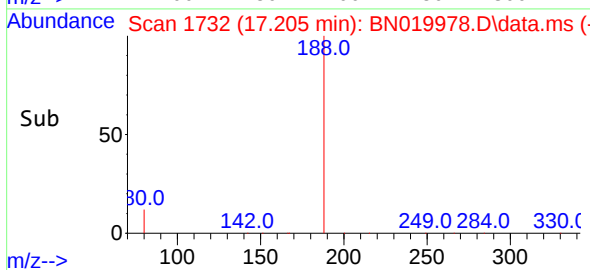
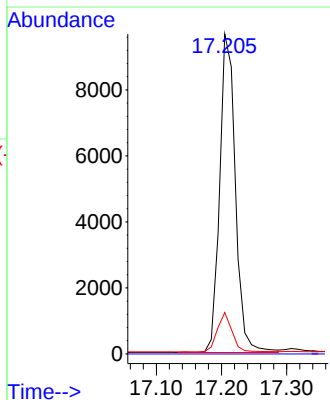
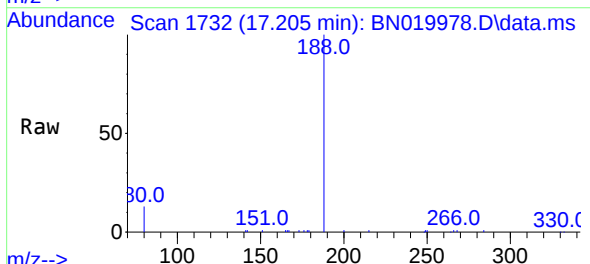
Manual Integrations
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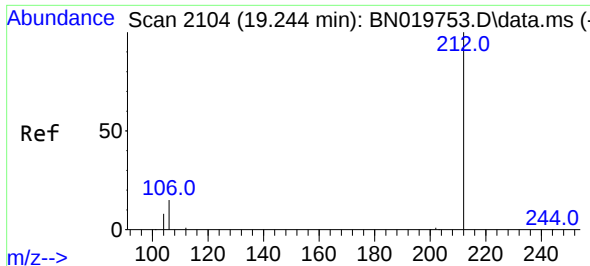
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

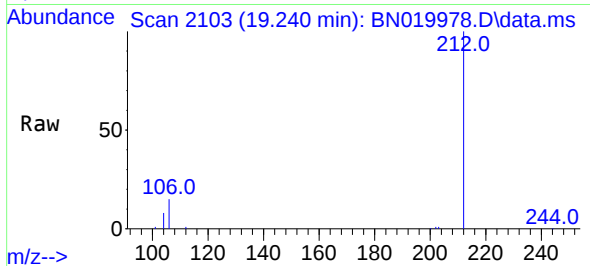
Tgt Ion:188 Resp: 16229
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.4 11.2#





#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.240 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

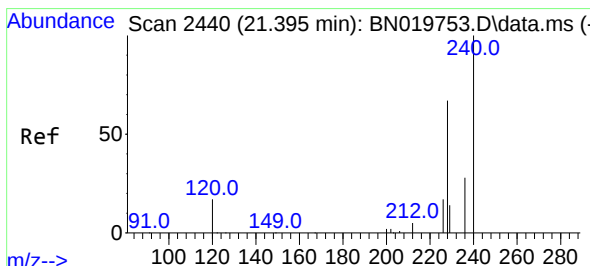
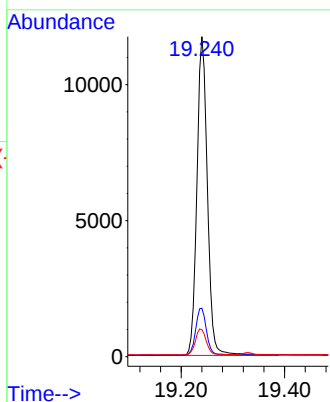
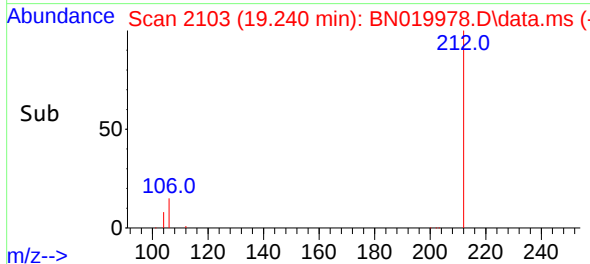
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



Tgt Ion:212 Resp: 1649
Ion Ratio Lower Upper
212 100
106 15.1 12.6 19.0
104 8.4 7.2 10.8

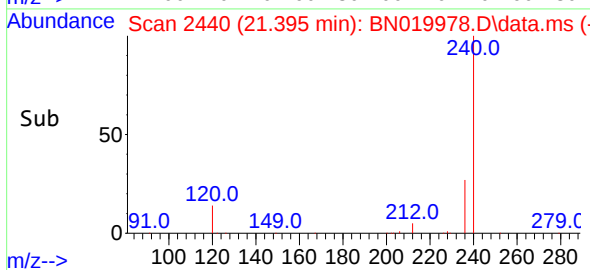
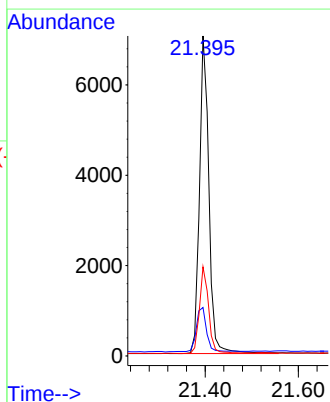
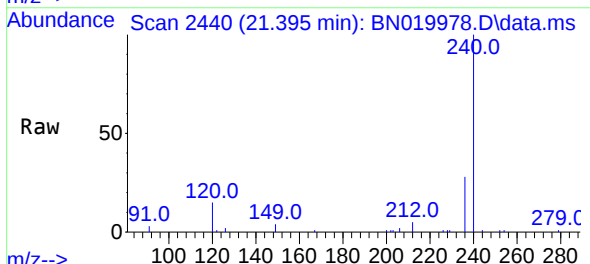
Manual Integrations
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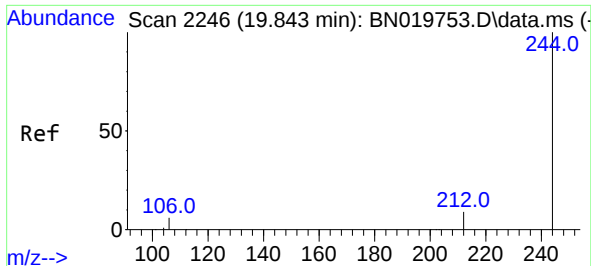
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

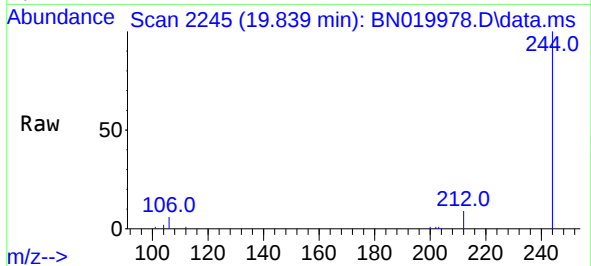
Tgt Ion:240 Resp: 9860
Ion Ratio Lower Upper
240 100
120 15.1 14.6 21.8
236 27.8 22.6 33.8





#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

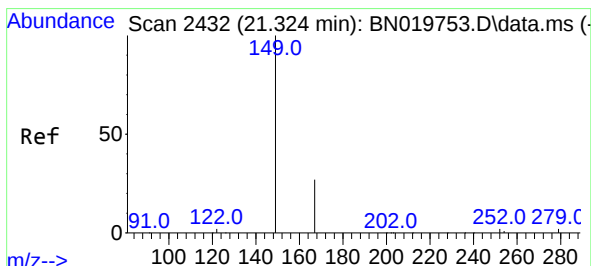
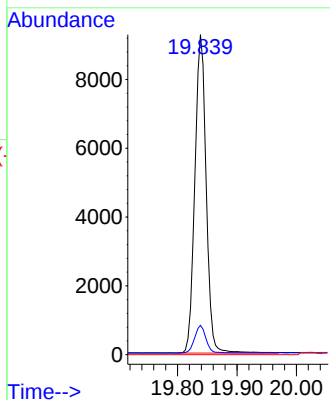
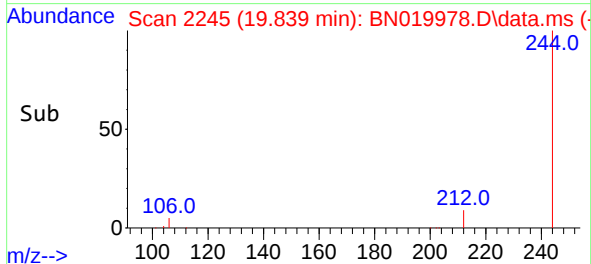
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517



Tgt Ion:244 Resp: 1221
Ion Ratio Lower Upper
244 100
212 9.2 7.1 10.7
122 0.0 0.0 0.0

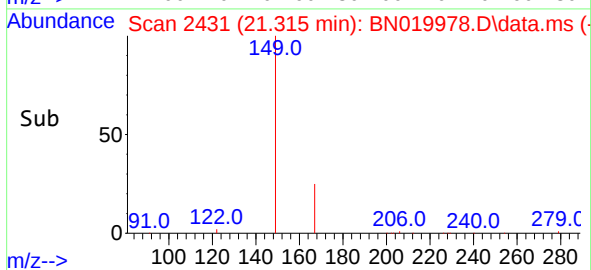
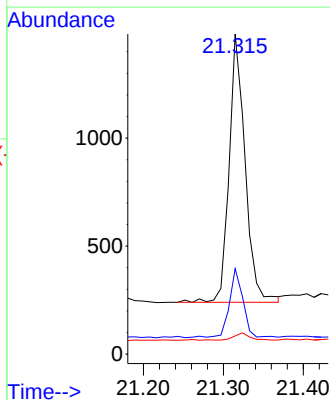
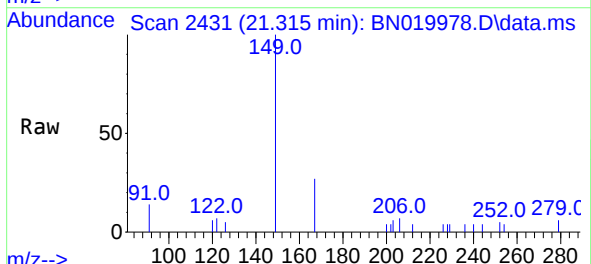
Manual Integrations
APPROVED

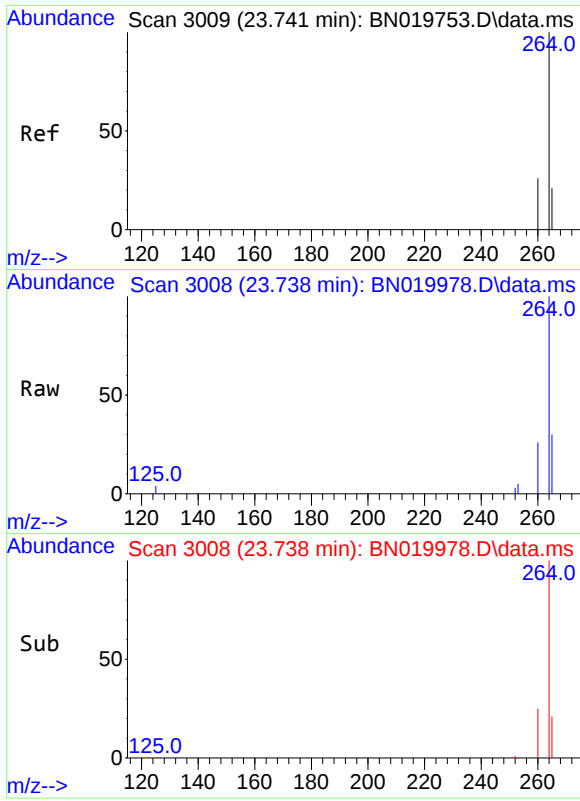
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

Tgt Ion:149 Resp: 1732
Ion Ratio Lower Upper
149 100
167 21.8 21.7 32.5
279 2.5 2.2 3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN019978.D
Acq: 26 May 2022 17:53

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20220517

Tgt Ion:264	Resp:	8104
Ion Ratio	Lower	Upper
264	100	
260	26.3	20.9 31.3
265	30.4	28.0 42.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

