

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019075.D
 Acq On : 23 Mar 2022 03:20
 Operator : CG/JU
 Sample : N2041-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220317

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 04:52:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3855	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9741	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5890	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11563	0.400	ng	0.00
29) Chrysene-d12	21.413	240	9418	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7795	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	982	0.114	ng	0.00
5) Phenol-d6	7.024	99	542	0.060	ng	0.01
8) Nitrobenzene-d5	9.014	82	1399m	0.199	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4004	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	635	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6092	0.258	ng	-0.01
27) Fluoranthene-d10	19.261	212	13031	0.380	ng	0.00
31) Terphenyl-d14	19.856	244	7810	0.338	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	18061	3.791	ng	97
6) bis(2-Chloroethyl)ether	7.277	93	455	0.042	ng	97
25) Phenanthrene	17.277	178	890	0.025	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	3104	0.161	ng	# 99

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

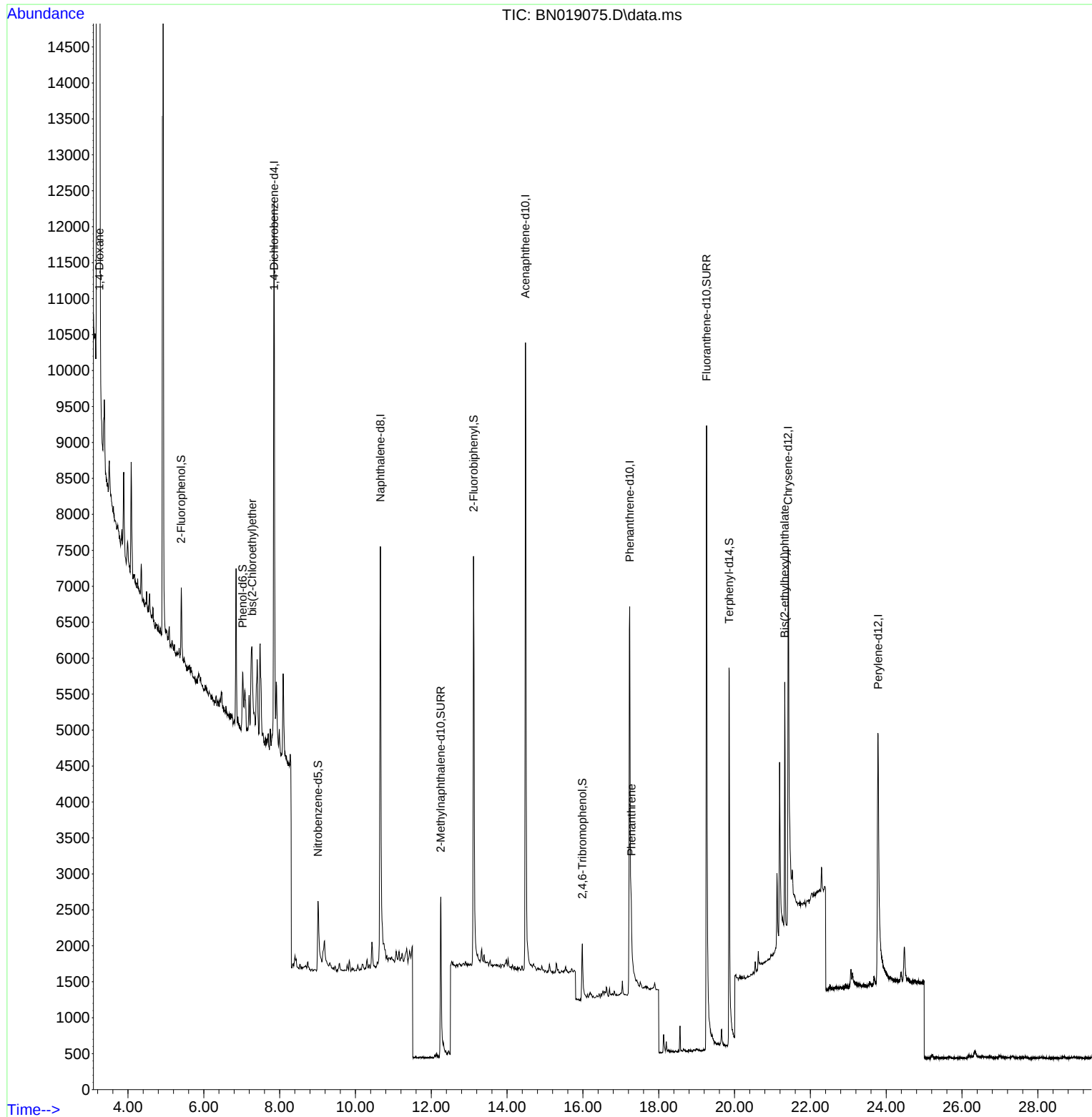
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019075.D
Acq On : 23 Mar 2022 03:20
Operator : CG/JU
Sample : N2041-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

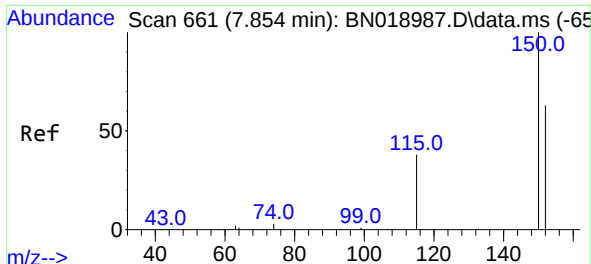
Instrument :
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RE115D1-20220317

Quant Time: Mar 23 04:52:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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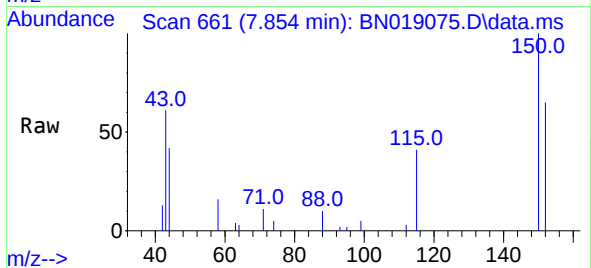
Reviewed By : Christian Giraldo 03/23/2022
Supervised By : Jagrut Upadhyay 03/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

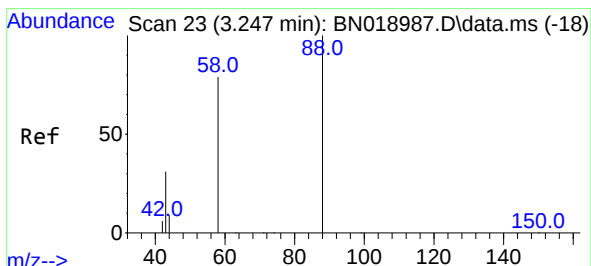
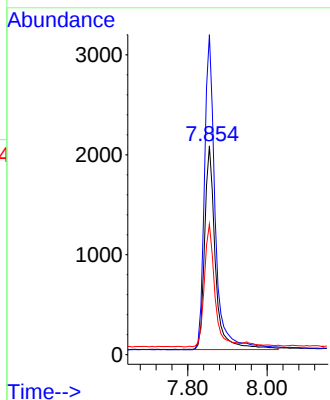
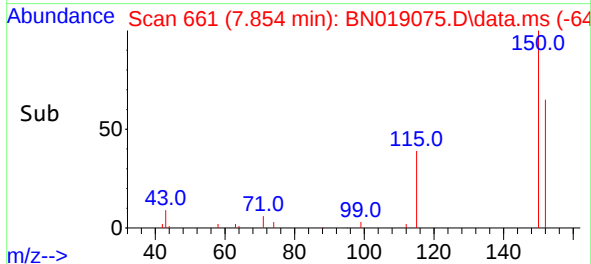
Instrument :
BNA_N
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RE115D1-20220317



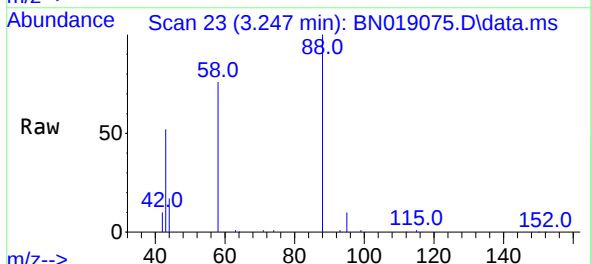
Tgt Ion: 152 Resp: 385
Ion Ratio Lower Upper
152 100
150 153.2 123.9 185.9
115 62.5 48.2 72.4

Manual Integrations
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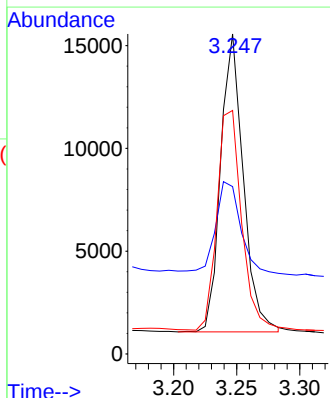
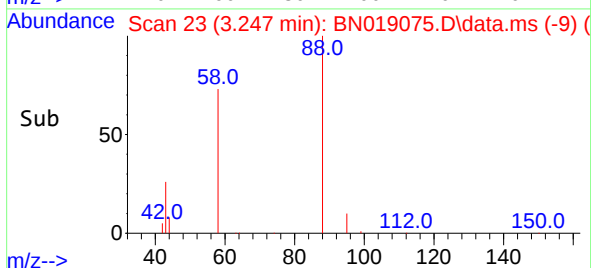
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#2
1,4-Dioxane
Concen: 3.791 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20



Tgt Ion: 88 Resp: 18061
Ion Ratio Lower Upper
88 100
43 34.0 24.6 37.0
58 79.6 65.4 98.2





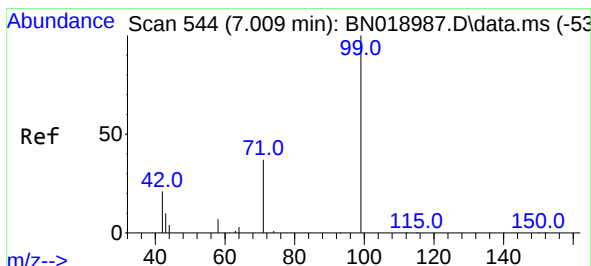
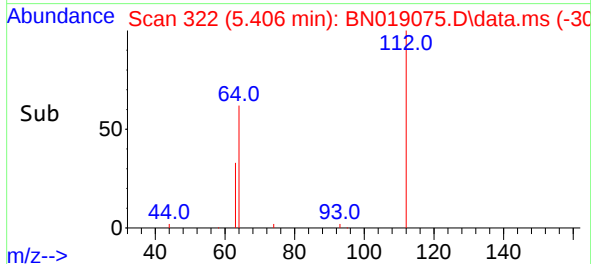
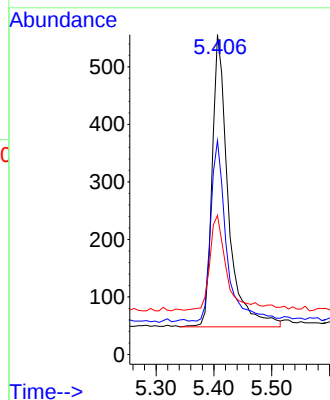
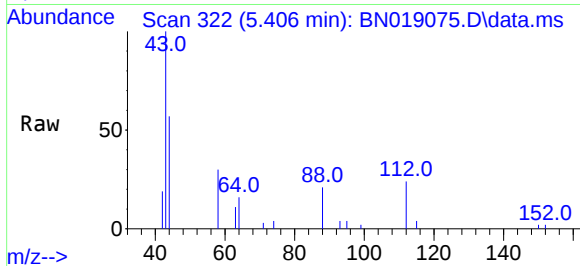
#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

Instrument :
BNA_N
ClientSampleId :
RE115D1-20220317

Tgt Ion:112 Resp: 98
Ion Ratio Lower Upper
112 100
64 60.9 47.8 71.8
63 33.4 25.7 38.5

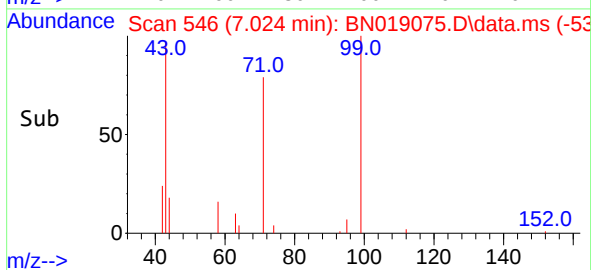
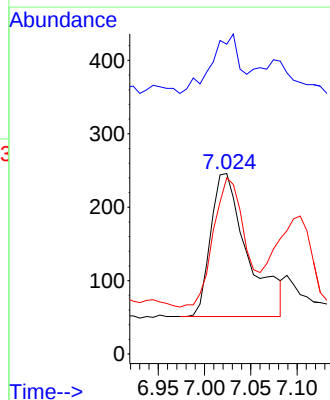
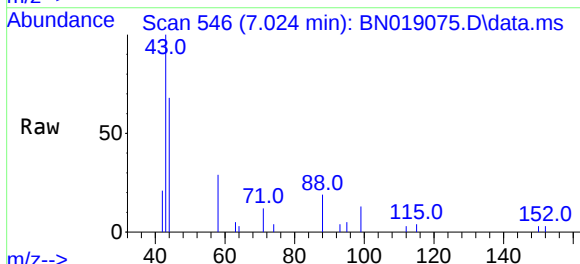
Manual Integrations
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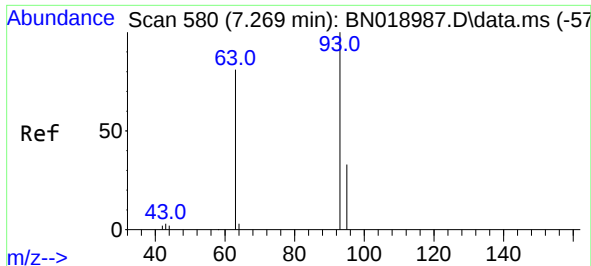
Reviewed By :Christian Giraldo 03/23/2022
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#5
Phenol-d6
Concen: 0.060 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.015 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

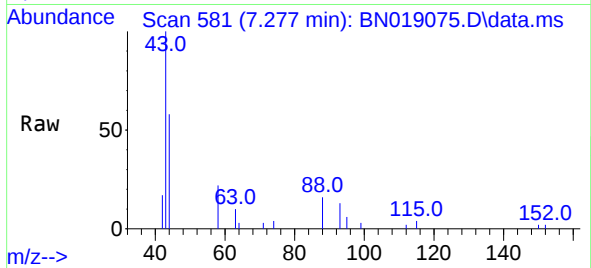
Tgt Ion: 99 Resp: 542
Ion Ratio Lower Upper
99 100
42 31.2 16.2 24.4#
71 77.3 27.7 41.5#





#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.277 min Scan# 580
Delta R.T. 0.007 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

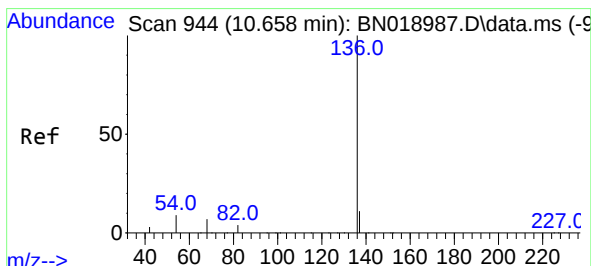
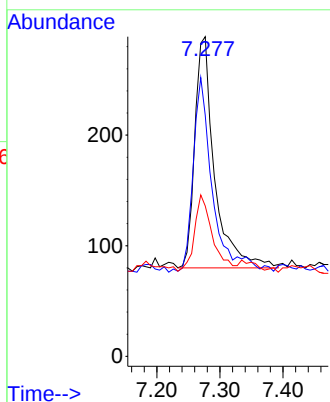
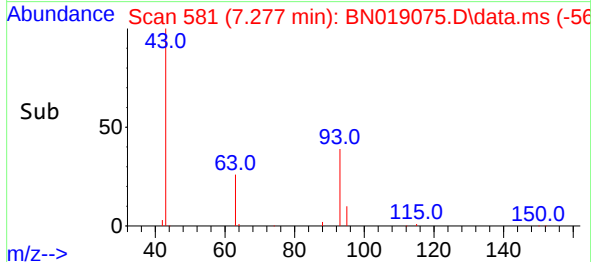
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220317



Tgt Ion: 93 Resp: 458
Ion Ratio Lower Upper
93 100
63 80.0 62.8 94.2
95 29.5 26.2 39.4

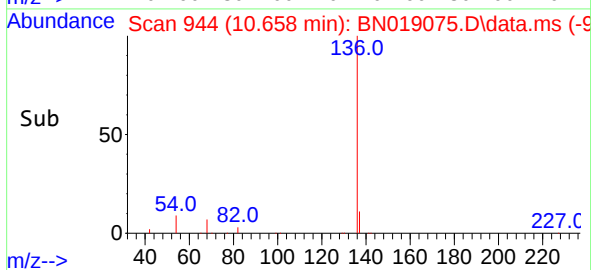
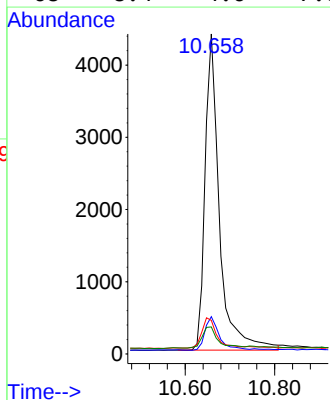
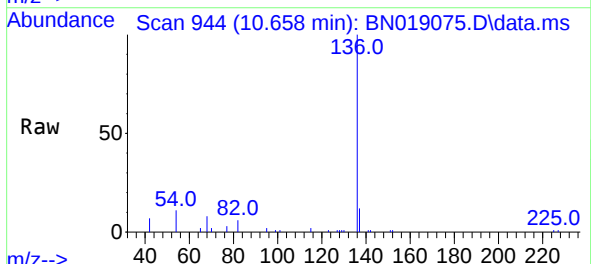
Manual Integrations
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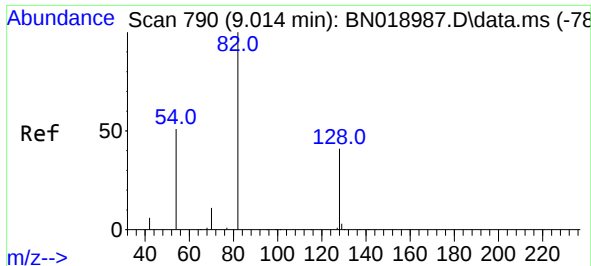
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

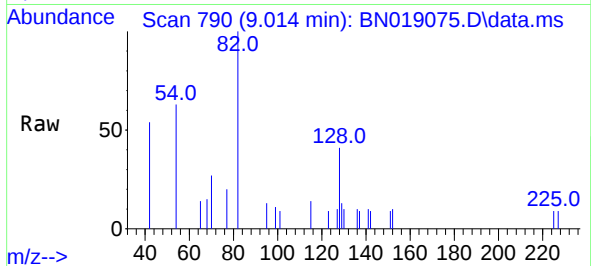
Tgt Ion:136 Resp: 9741
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 10.5 5.8 8.6#
68 8.4 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.199 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

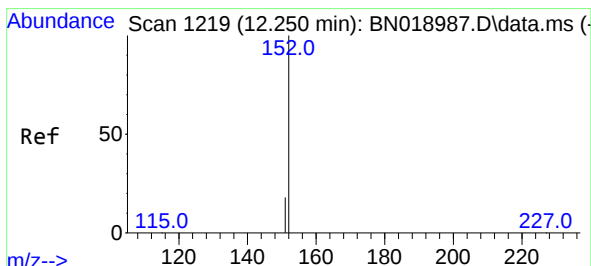
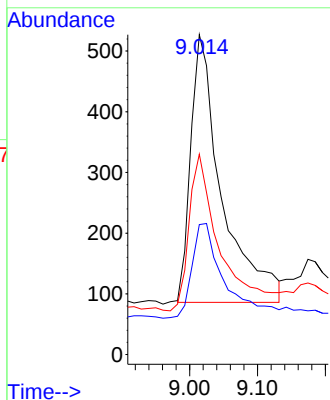
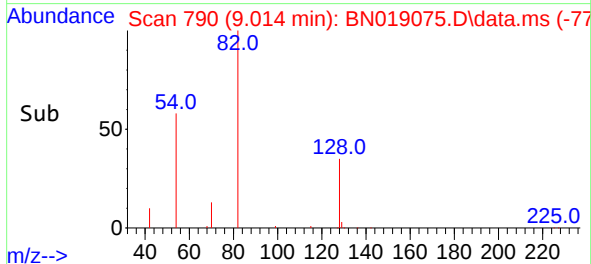
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 1399
Ion Ratio Lower Upper
82 100
128 40.6 33.0 49.6
54 62.6 42.5 63.7

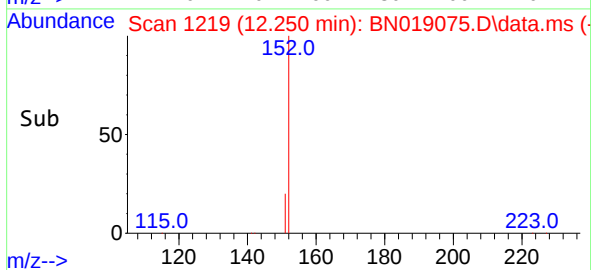
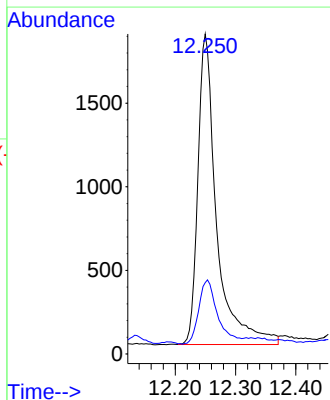
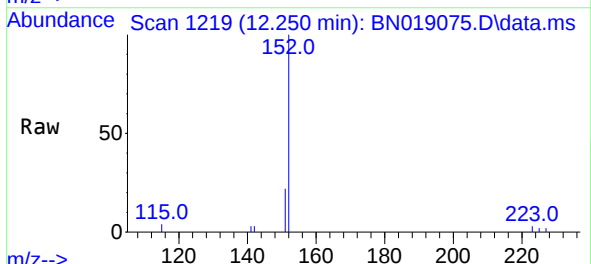
Manual Integrations
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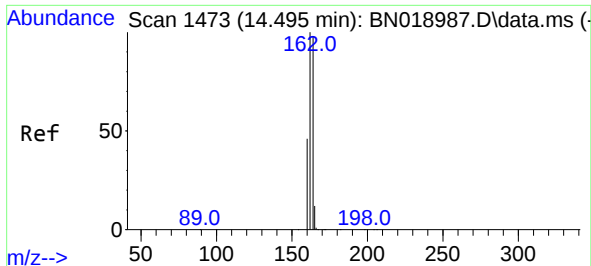
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

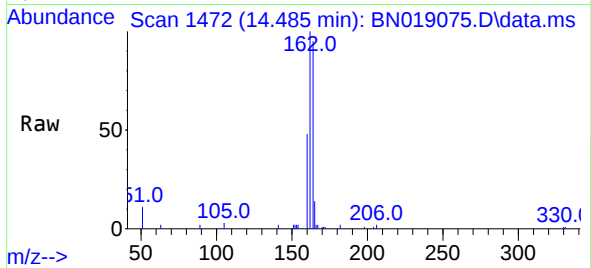
Tgt Ion:152 Resp: 4004
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

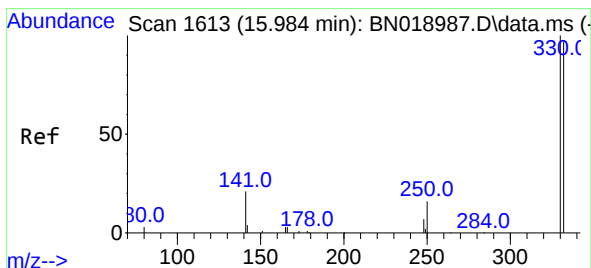
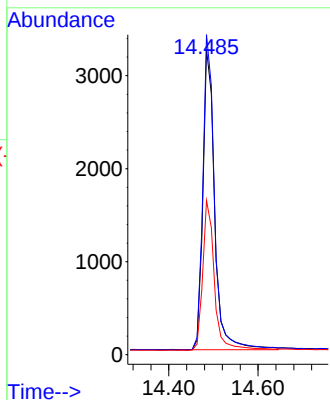
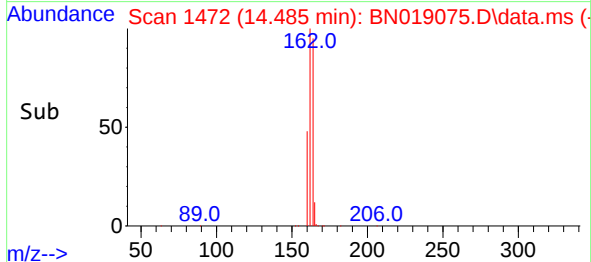
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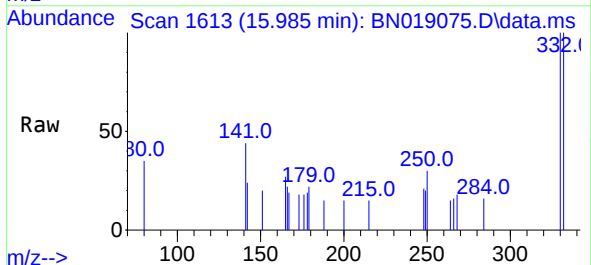
Tgt Ion:164 Resp: 5890
Ion Ratio Lower Upper
164 100
162 104.8 85.2 127.8
160 50.5 41.5 62.3

Manual Integrations
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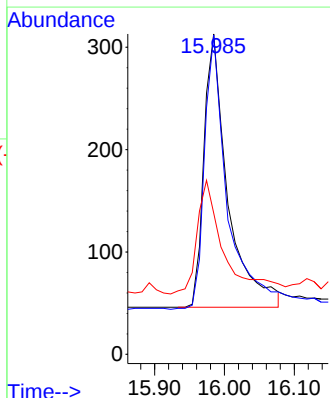
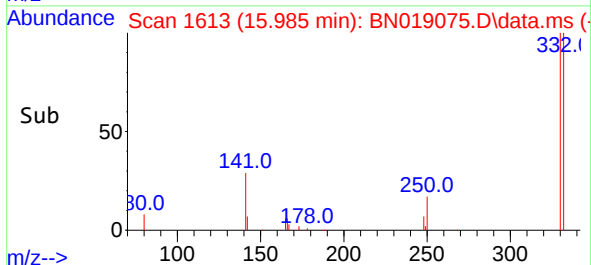
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

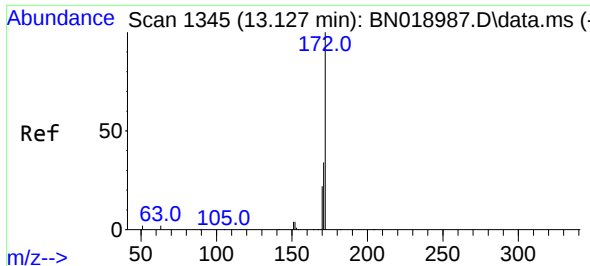


#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20



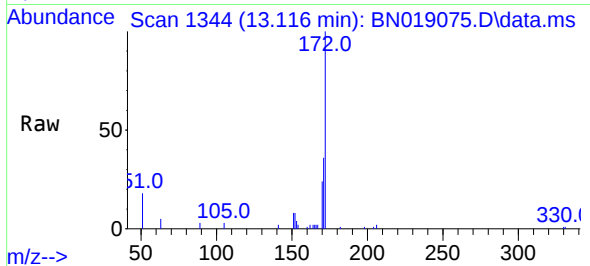
Tgt Ion:330 Resp: 635
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 46.1 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

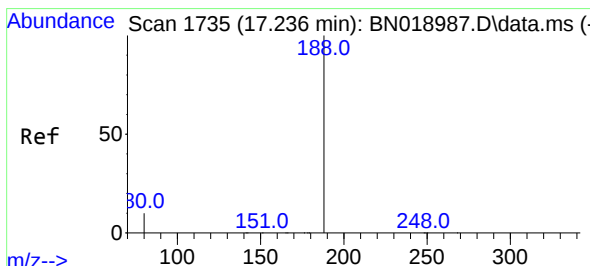
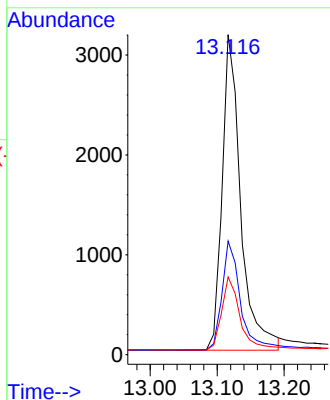
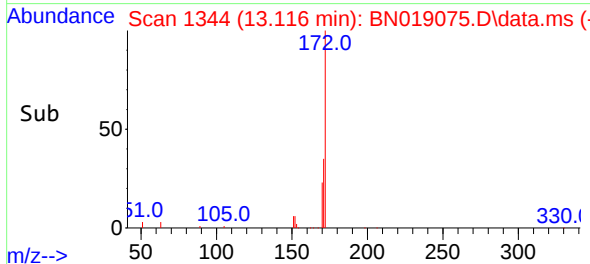
Instrument :
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Tgt Ion:172 Resp: 6092
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.3 18.7 28.1

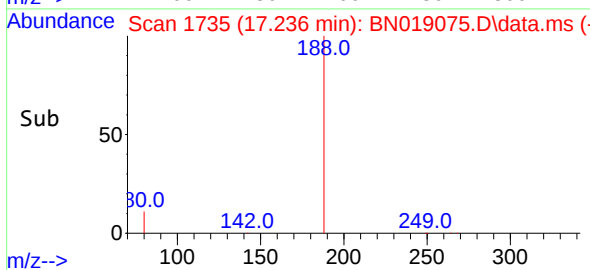
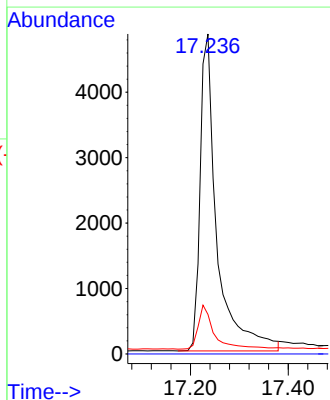
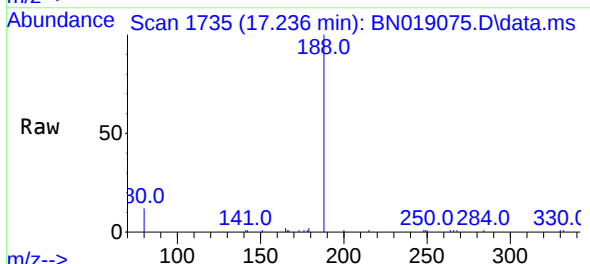
Manual Integrations
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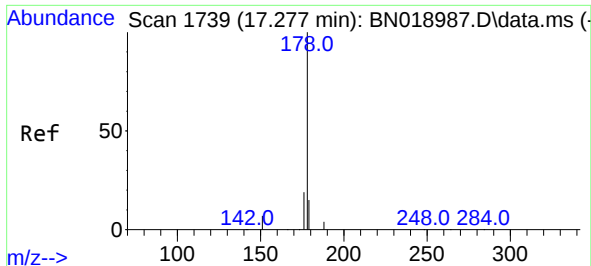
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

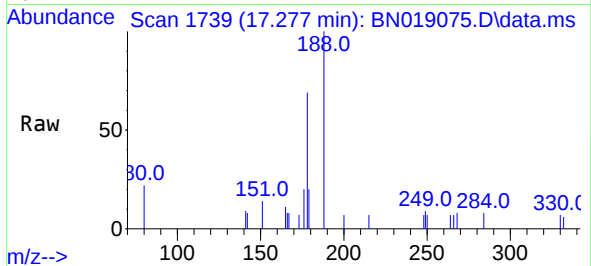
Tgt Ion:188 Resp: 11563
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 11.8 17.8





#25
Phenanthrene
Concen: 0.025 ng
RT: 17.277 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

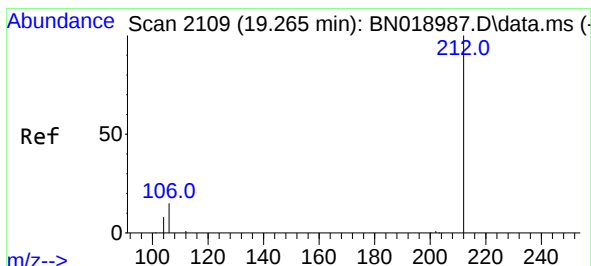
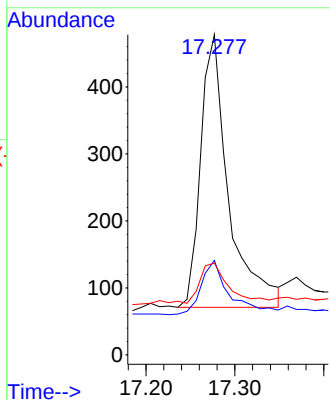
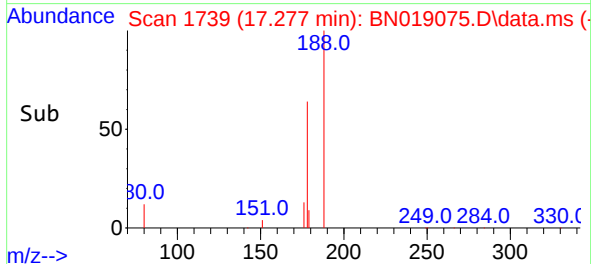
Instrument :
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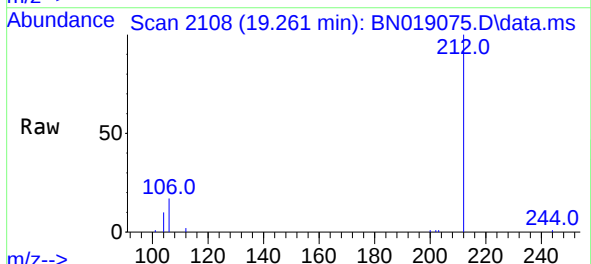
Tgt Ion:178 Resp: 890
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 14.5 12.2 18.2

Manual Integrations
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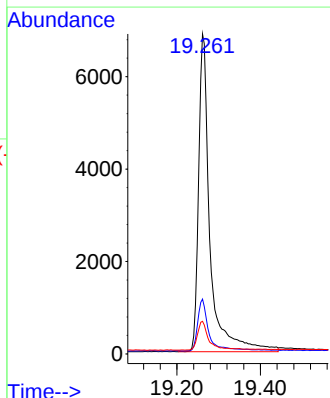
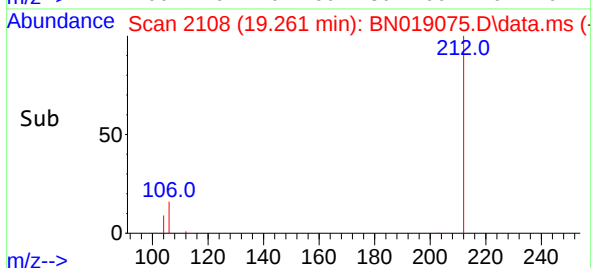
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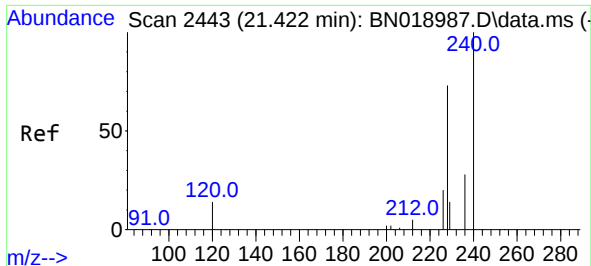


#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20



Tgt Ion:212 Resp: 13031
Ion Ratio Lower Upper
212 100
106 15.9 12.7 19.1
104 8.6 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.413 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BN019075.D

Acq: 23 Mar 2022 03:20

Instrument :

BNA_N

ClientSampleId :

RE115D1-20220317

Tgt Ion:240 Resp: 9418

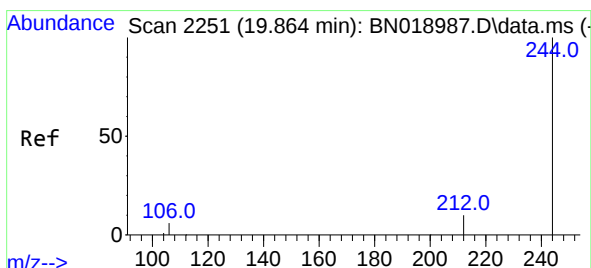
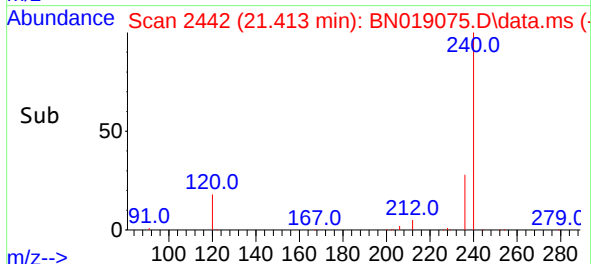
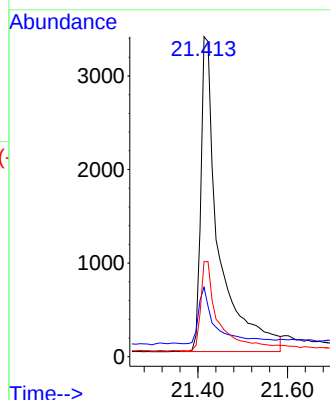
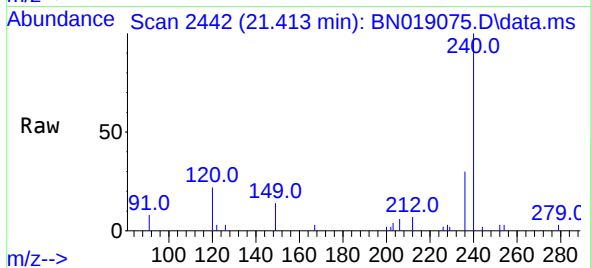
Ion	Ratio	Lower	Upper
240	100		
120	21.7	8.5	12.7
236	29.7	22.4	33.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#31

Terphenyl-d14

Concen: 0.338 ng

RT: 19.856 min Scan# 2249

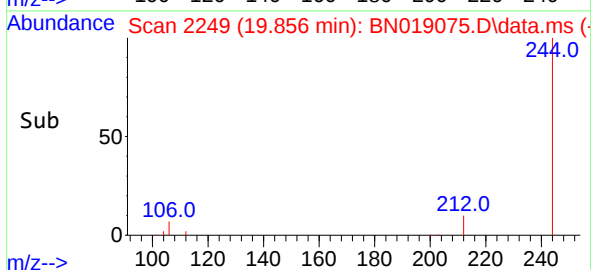
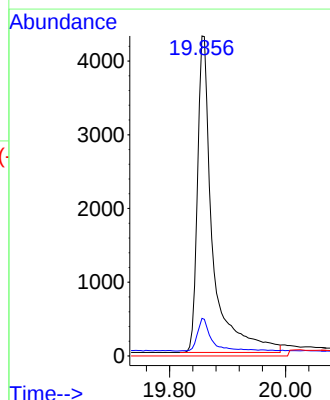
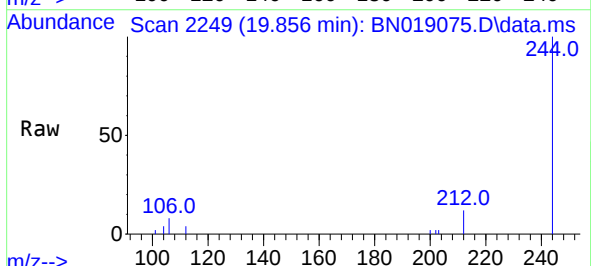
Delta R.T. -0.008 min

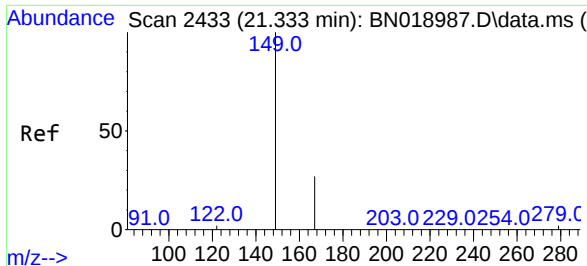
Lab File: BN019075.D

Acq: 23 Mar 2022 03:20

Tgt Ion:244 Resp: 7810

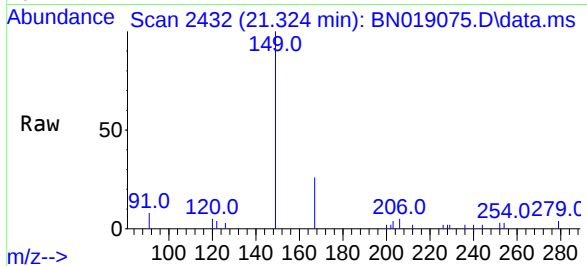
Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.2	12.4
122	0.0	0.0	0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

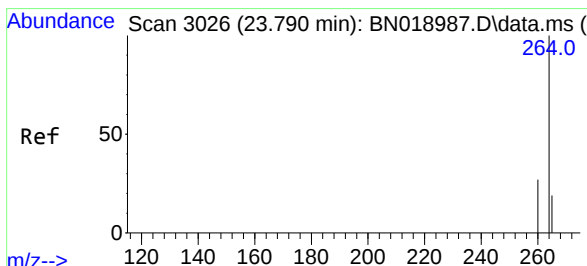
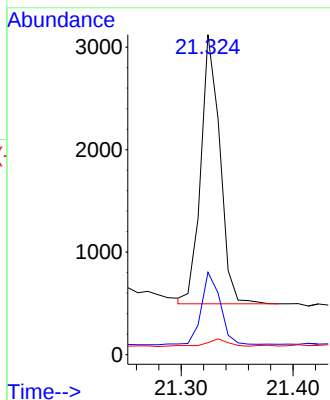
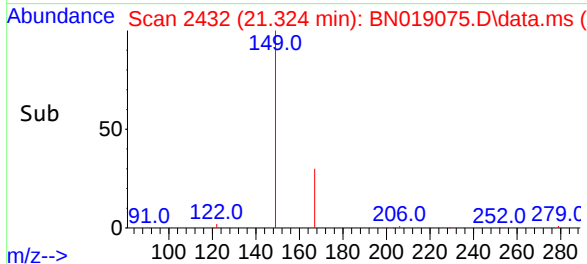
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220317



Tgt Ion:149 Resp: 3104
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 3.3 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019075.D
Acq: 23 Mar 2022 03:20

Tgt Ion:264 Resp: 7795
Ion Ratio Lower Upper
264 100
260 28.5 22.4 33.6
265 46.2 25.3 37.9

