

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
 Data File : BN018020.D
 Acq On : 15 Dec 2021 11:30
 Operator : CG/JU
 Sample : M4956-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/21/2021

Quant Time: Dec 16 03:42:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	28135	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	111661	0.400	ng	#-0.01
13) Acenaphthene-d10	14.319	164	67561	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	140897	0.400	ng	0.00
29) Chrysene-d12	21.259	240	132986	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	122241	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4189	0.069	ng	0.00
5) Phenol-d6	6.877	99	2571	0.042	ng	0.00
8) Nitrobenzene-d5	8.835	82	9613	0.121	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	23201	0.125	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	2670	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	36727	0.156	ng	0.00
27) Fluoranthene-d10	19.103	212	78640	0.167	ng	0.00
31) Terphenyl-d14	19.708	244	63207	0.228	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	40622	2.317	ng	# 56

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

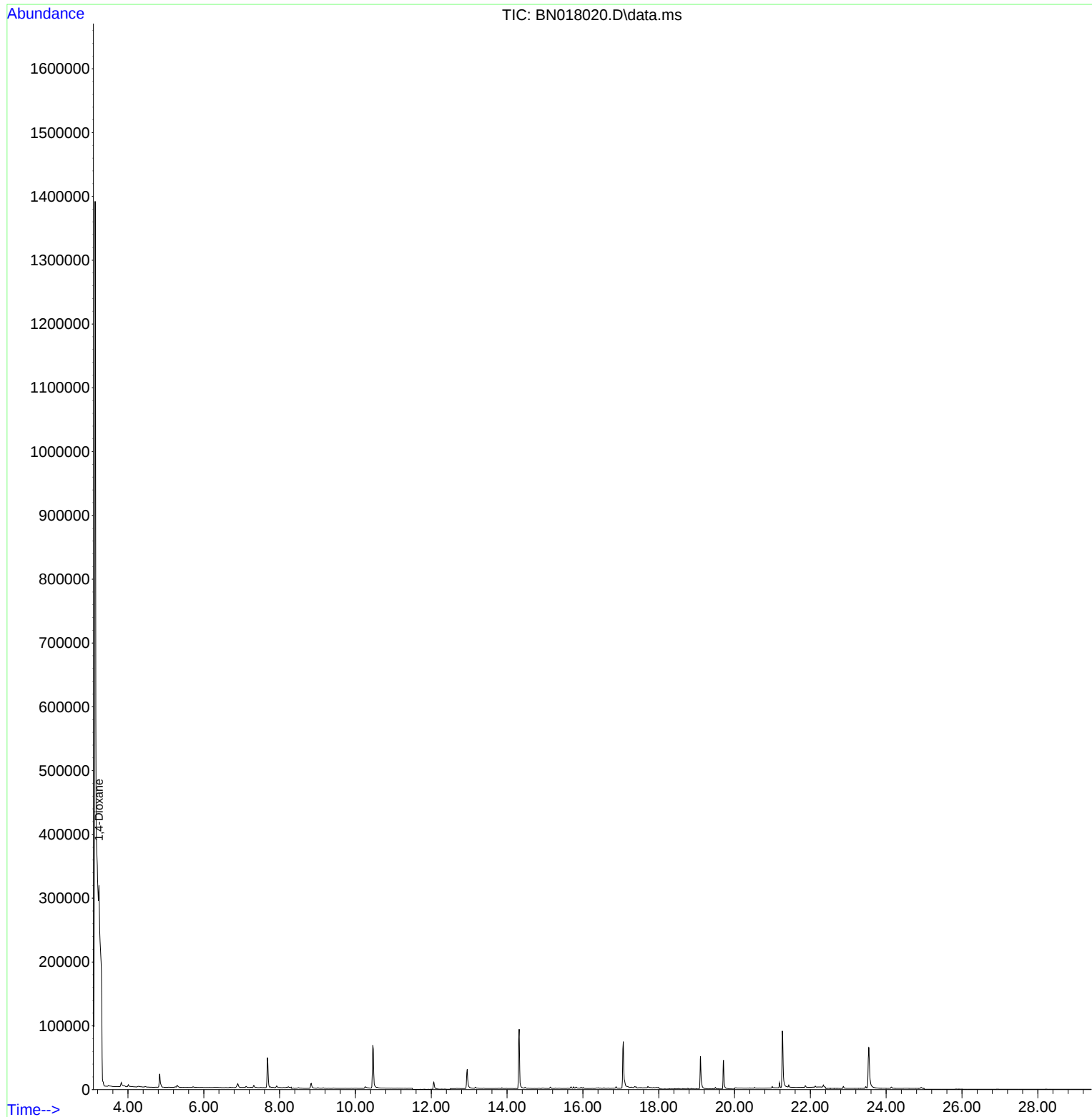
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
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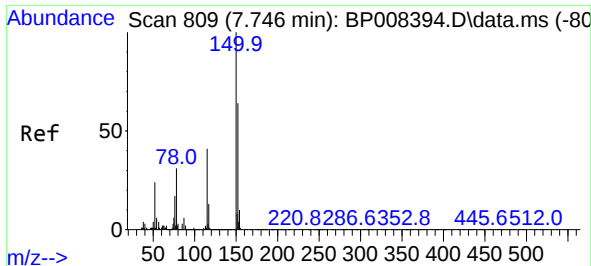
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Quant Time: Dec 16 03:42:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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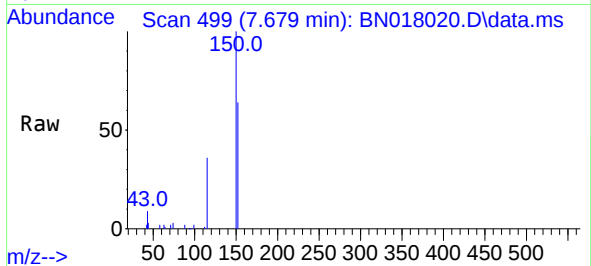
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.009 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

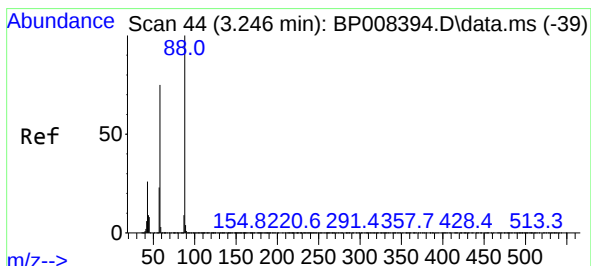
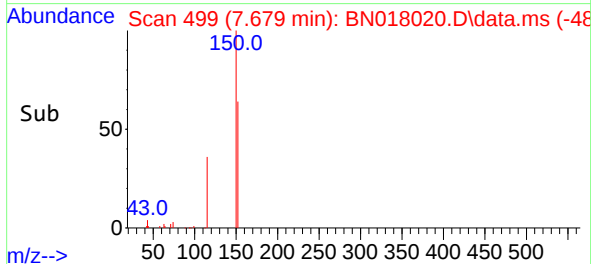
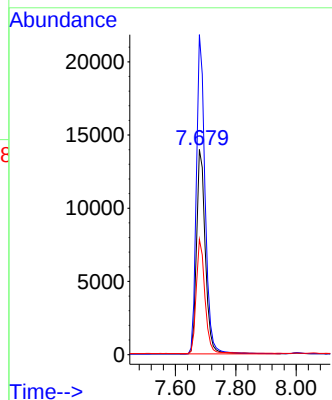
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL



Tgt Ion:152 Resp: 2813
Ion Ratio Lower Upper
152 100
150 156.0 121.7 182.5
115 56.1 43.8 65.8

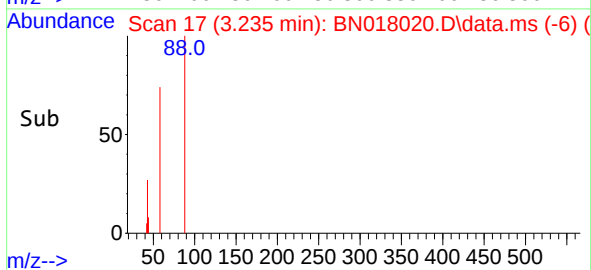
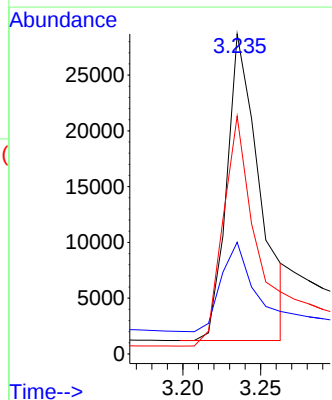
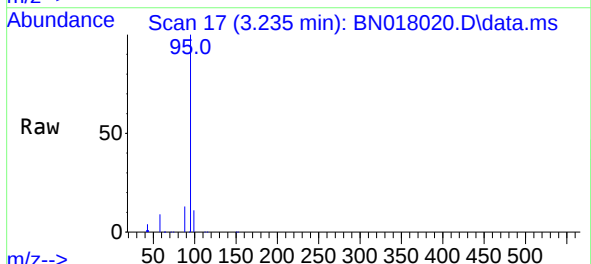
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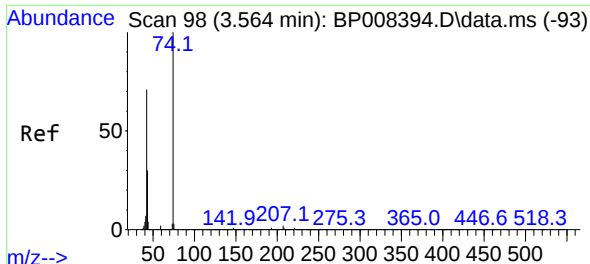
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021



#2
1,4-Dioxane
Concen: 2.317 ng
RT: 3.235 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

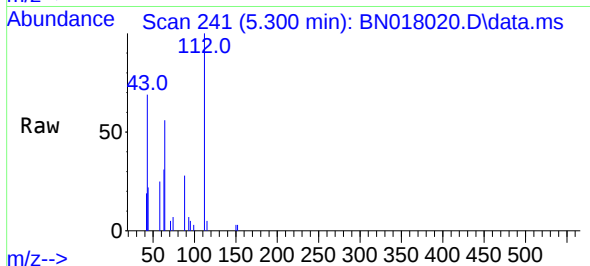
Tgt Ion: 88 Resp: 40622
Ion Ratio Lower Upper
88 100
43 29.9 69.7 104.5#
58 74.9 83.8 125.8#





#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

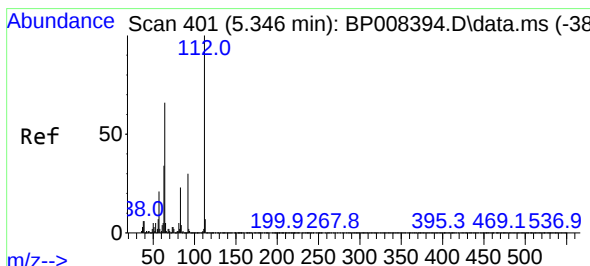
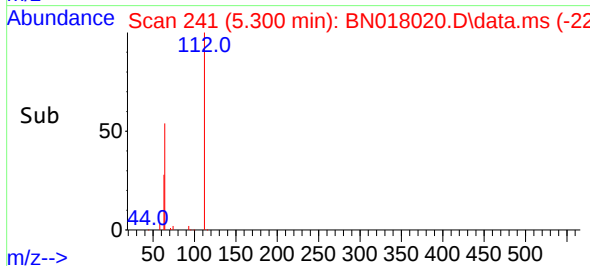
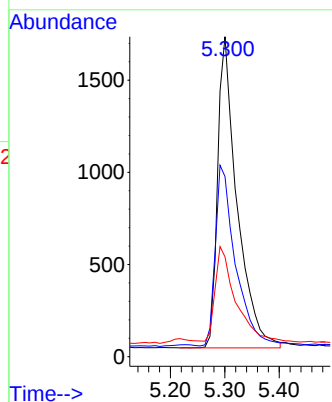
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL



Tgt Ion: 112 Resp: 4189
Ion Ratio Lower Upper
112 100
64 60.2 48.0 72.0
63 31.0 25.3 37.9

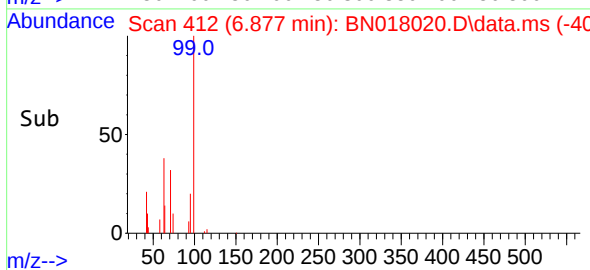
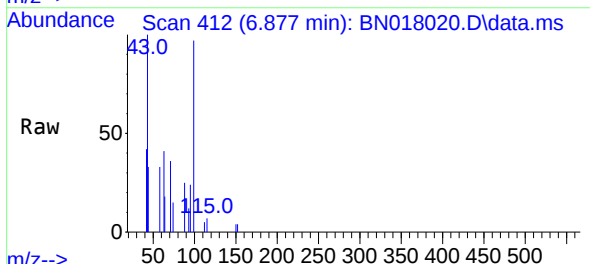
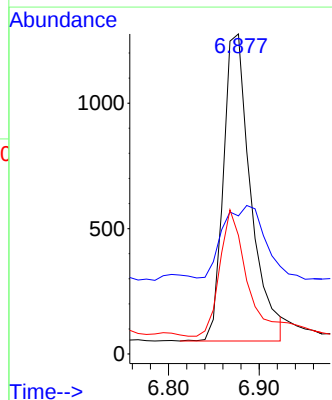
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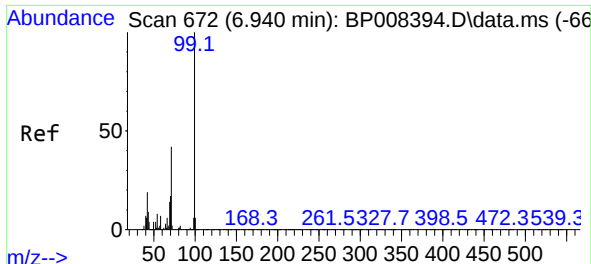
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion: 99 Resp: 2571
Ion Ratio Lower Upper
99 100
42 35.3 16.3 24.5#
71 40.6 26.8 40.2#





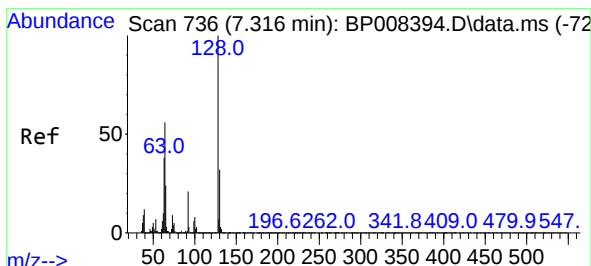
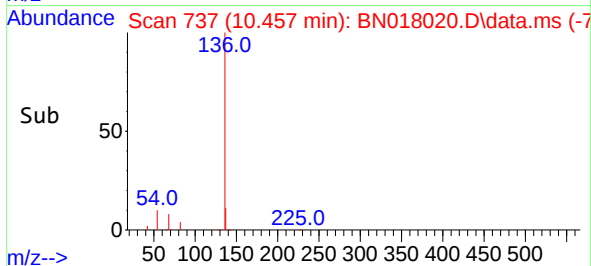
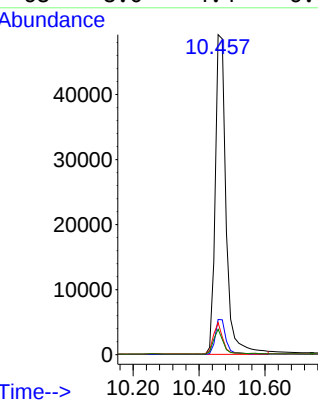
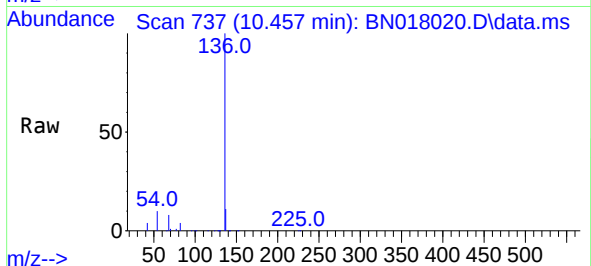
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 71
Delta R.T. -0.012 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

Tgt Ion:	136	Resp:	11166
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.0	5.0	7.6
68	8.0	4.4	6.6

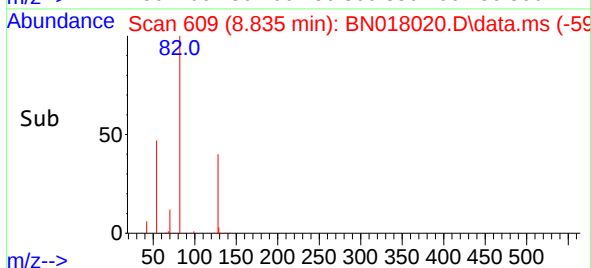
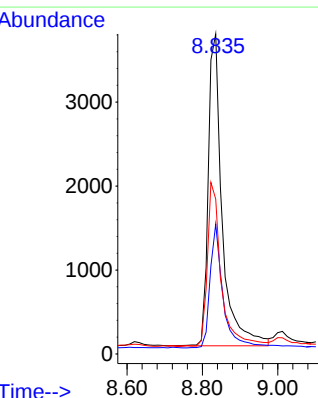
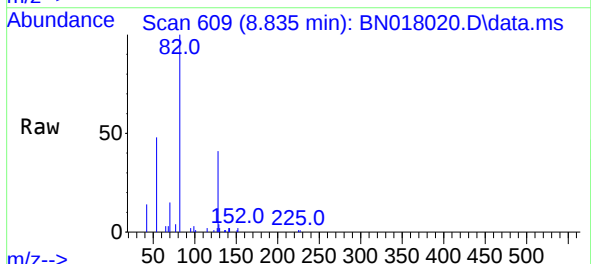
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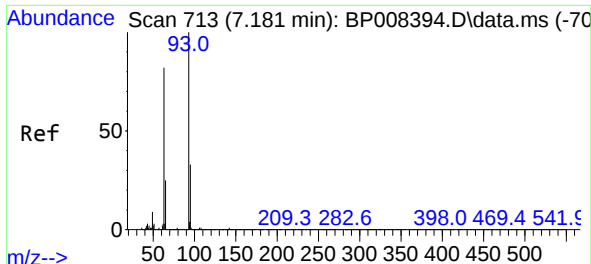
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021



#8
Nitrobenzene-d5
Concen: 0.121 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Tgt Ion:	82	Resp:	9613
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.7	50.5
54	48.4	36.6	55.0





#11

2-Methylnaphthalene-d10

Concen: 0.125 ng

RT: 12.065 min Scan# 94

Delta R.T. -0.004 min

Lab File: BN018020.D

Acq: 15 Dec 2021 11:30

Instrument :

BNA_N

ClientSampleId :

RE137-20211204DL

Tgt Ion:152 Resp: 2320

Ion Ratio Lower Upper

152 100

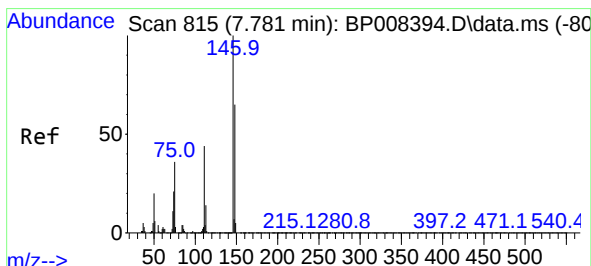
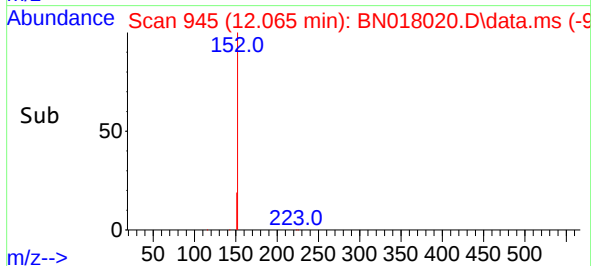
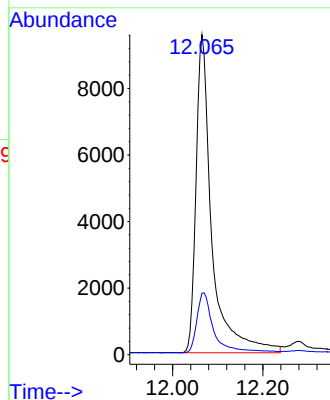
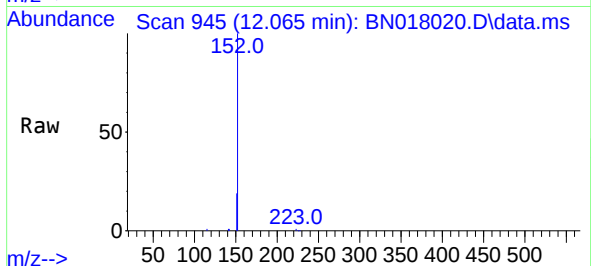
151 20.5 16.2 24.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/16/2021

Supervised By :Yogesh Patel 12/21/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.319 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN018020.D

Acq: 15 Dec 2021 11:30

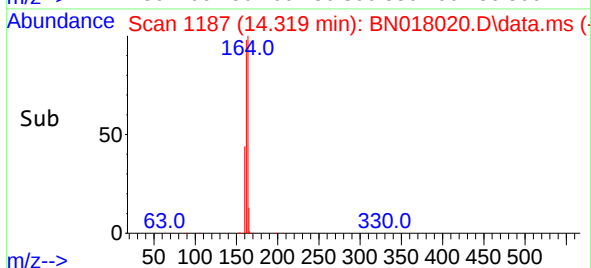
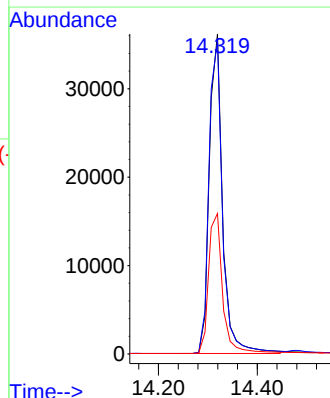
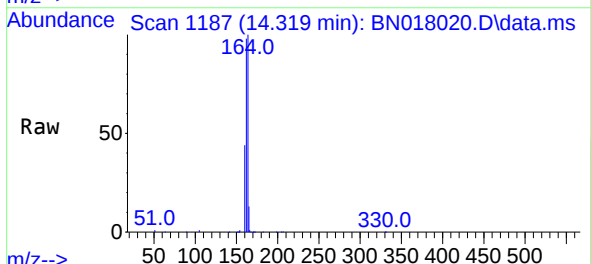
Tgt Ion:164 Resp: 67561

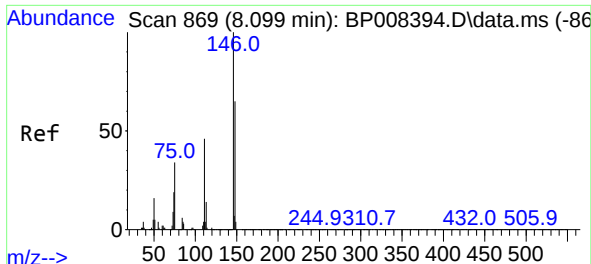
Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.2

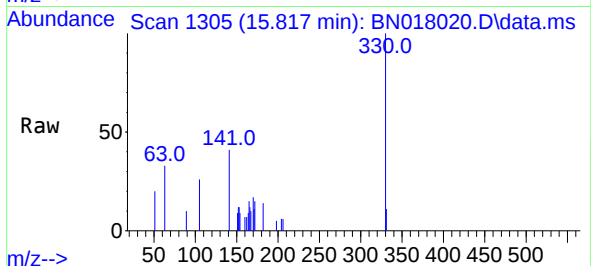
160 43.9 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

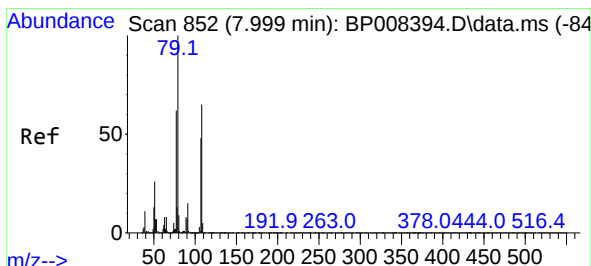
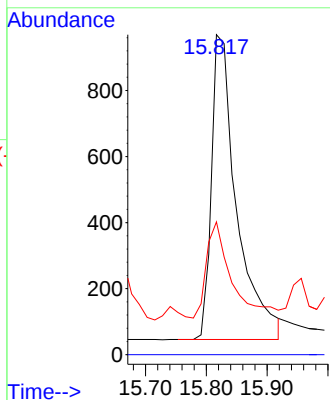
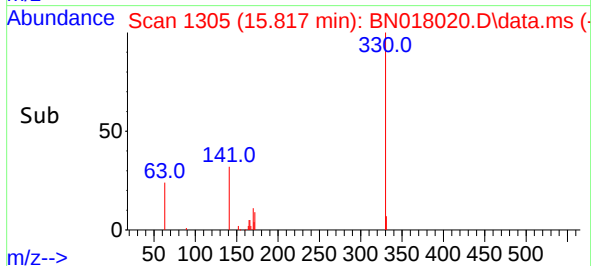
Instrument :
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RE137-20211204DL



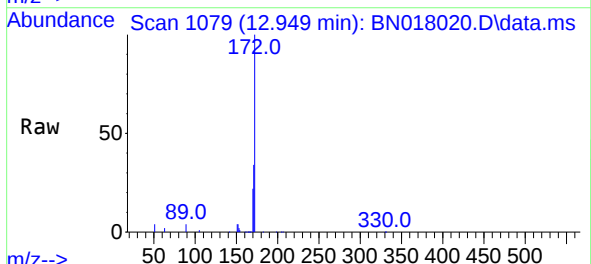
Tgt Ion:330 Resp: 2670
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 21.3 31.9

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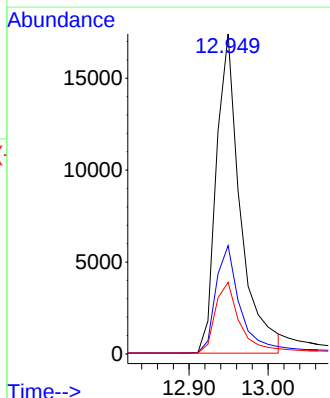
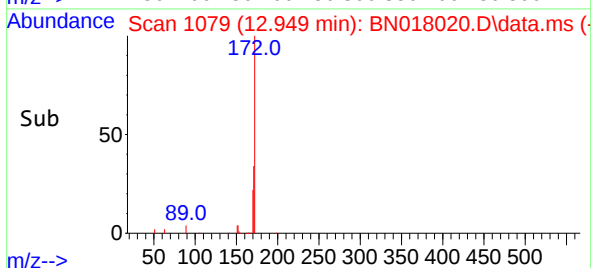
Reviewed By :Jagrut Upadhyay 12/16/2021
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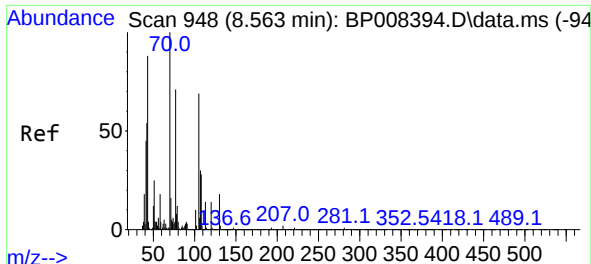


#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30



Tgt Ion:172 Resp: 36727
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 22.4 18.4 27.6





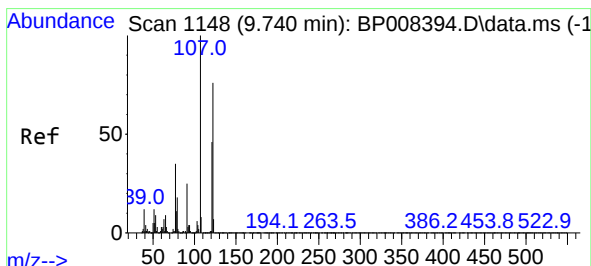
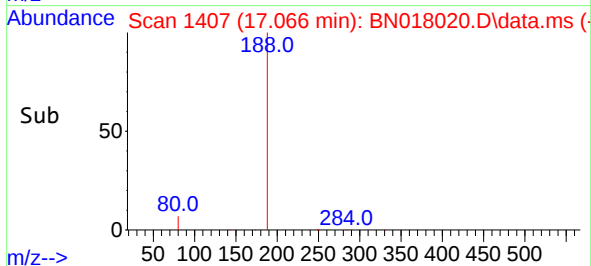
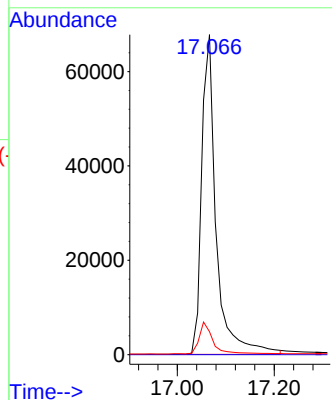
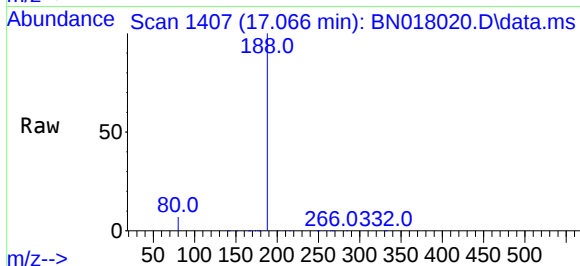
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL

Tgt Ion:188 Resp: 14089
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 7.0 10.4

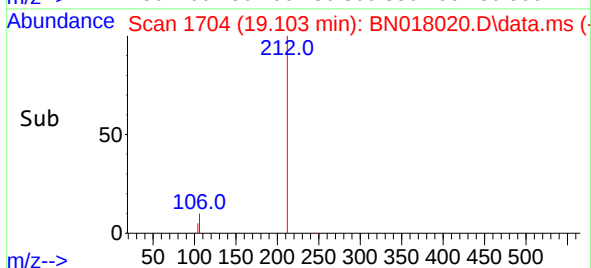
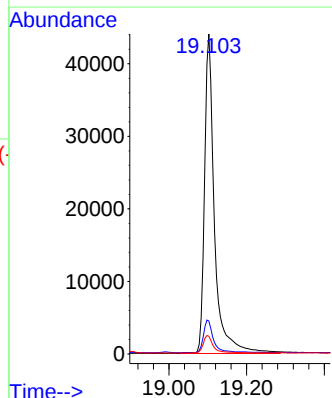
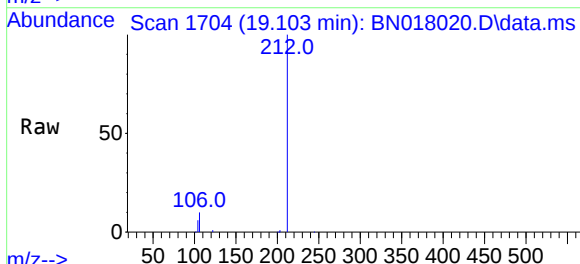
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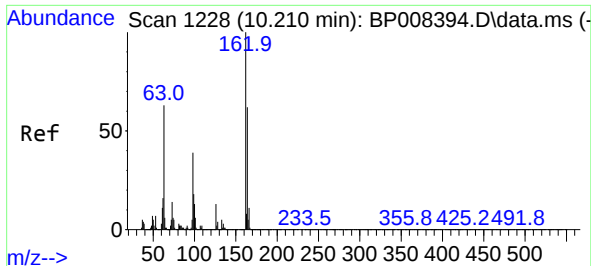
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021



#27
Fluoranthene-d10
Concen: 0.167 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

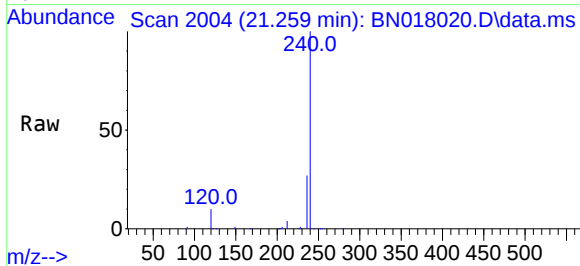
Tgt Ion:212 Resp: 78640
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.9 4.5 6.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

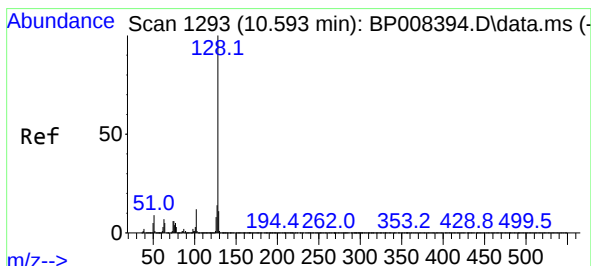
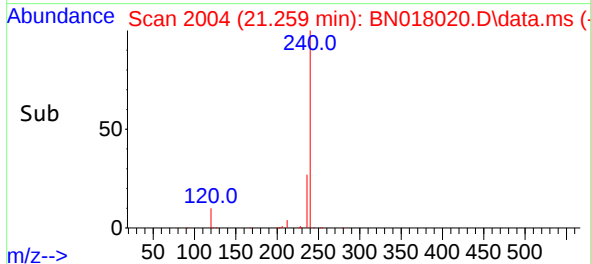
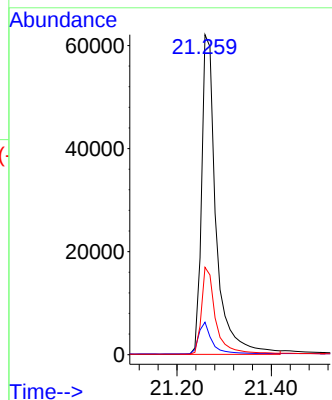
Instrument :
BNA_N
ClientSampleId :
RE137-20211204DL



Tgt Ion:240 Resp: 132980
Ion Ratio Lower Upper
240 100
120 10.2 6.0 9.0
236 27.3 21.4 32.2

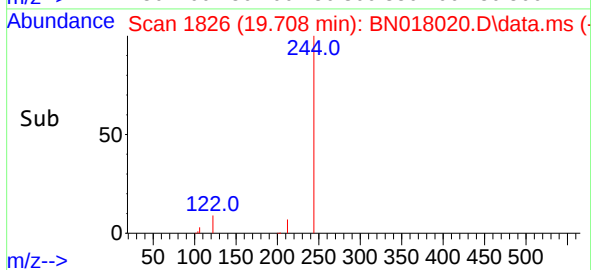
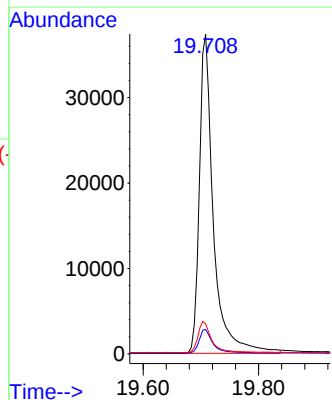
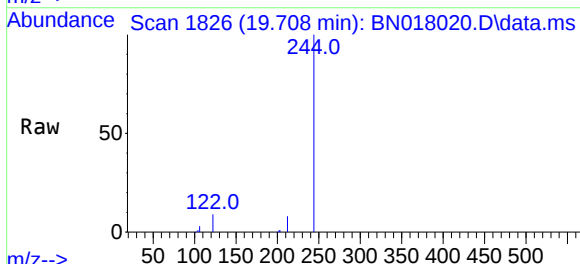
Manual Integrations
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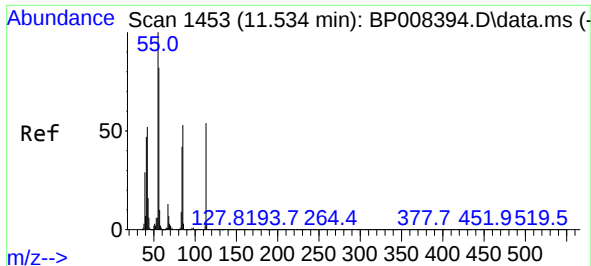
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/21/2021



#31
Terphenyl-d14
Concen: 0.228 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018020.D
Acq: 15 Dec 2021 11:30

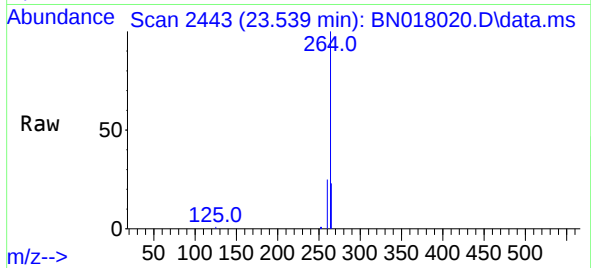
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Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.4 7.9 11.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204DL



Tgt Ion:264 Resp: 12224
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.4
 265 22.9 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/21/2021

