

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
 Data File : BN031373.D
 Acq On : 02 May 2024 15:34
 Operator : MA/JU
 Sample : P2329-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-64-043024

Quant Time: May 02 16:08:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 02 15:02:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	5359	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	17006	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	8551	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	22231	0.400	ng	0.00
29) Chrysene-d12	21.211	240	13657	0.400	ng	# 0.00
35) Perylene-d12	23.414	264	3950	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1696	0.142	ng	0.00
5) Phenol-d6	6.779	99	1300	0.090	ng	0.00
8) Nitrobenzene-d5	8.756	82	2028	0.172	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	6089m	0.233	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	1154	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	6230	0.217	ng	0.00
27) Fluoranthene-d10	19.040	212	13514	0.226	ng	0.00
31) Terphenyl-d14	19.649	244	11318	0.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.147	88	20914	3.174	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.121	149	6238	0.286	ng	100
36) Indeno(1,2,3-cd)pyrene	25.624	276	2523	0.137	ng	94
37) Benzo(b)fluoranthene	22.750	252	2512	0.154	ng	# 14
38) Benzo(k)fluoranthene	22.794	252	2049	0.128	ng	# 8
40) Dibenzo(a,h)anthracene	25.639	278	1866	0.127	ng	# 1
41) Benzo(g,h,i)perylene	26.300	276	2105	0.130	ng	# 54

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

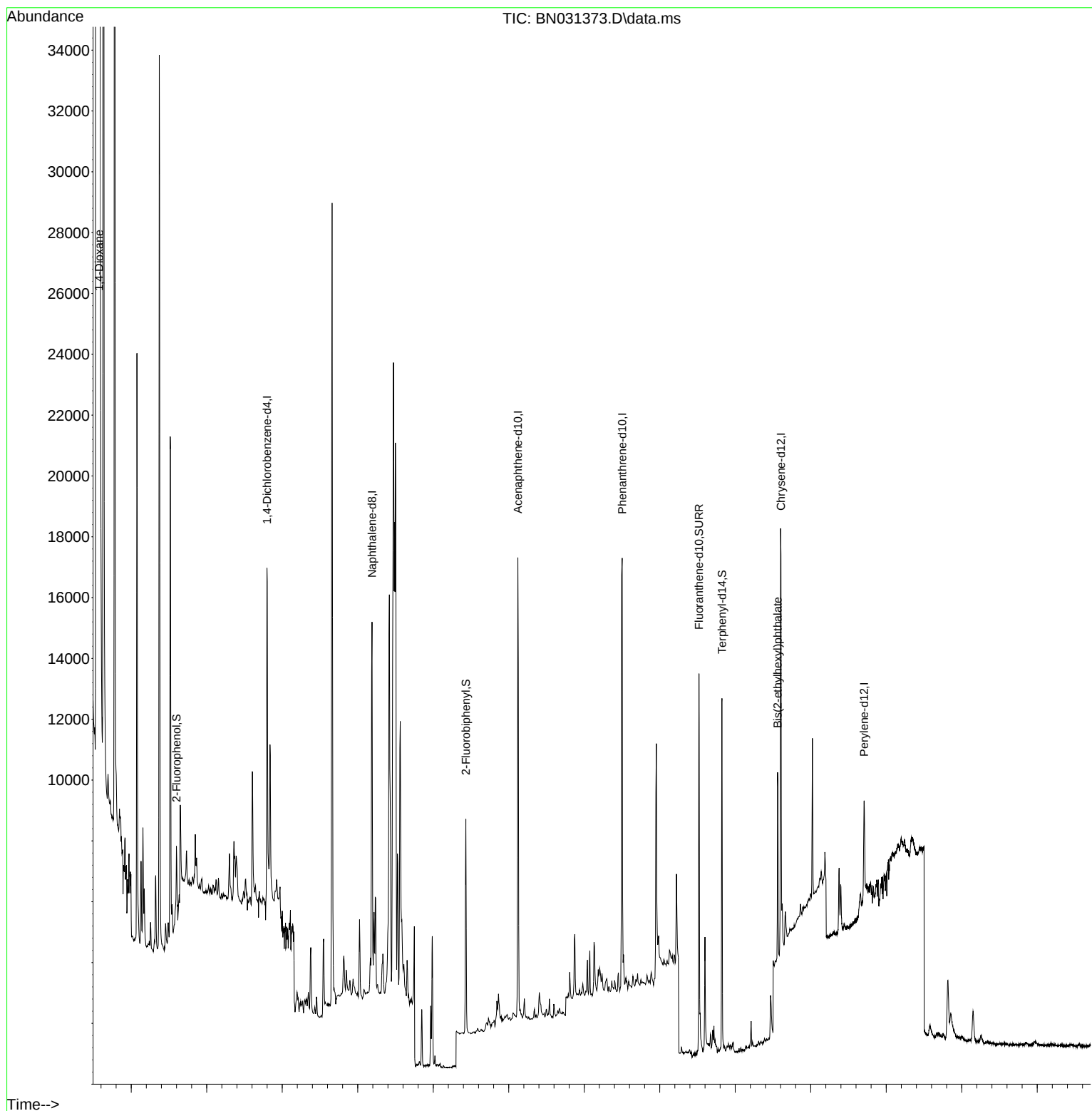
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031373.D
Acq On : 02 May 2024 15:34
Operator : MA/JU
Sample : P2329-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

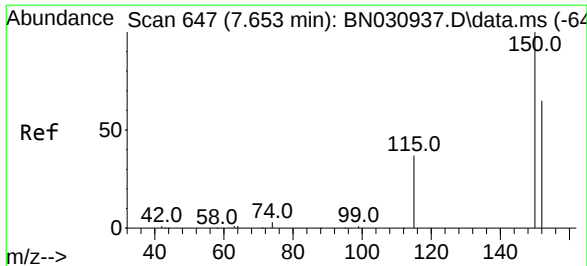
Instrument :
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Quant Time: May 02 16:08:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
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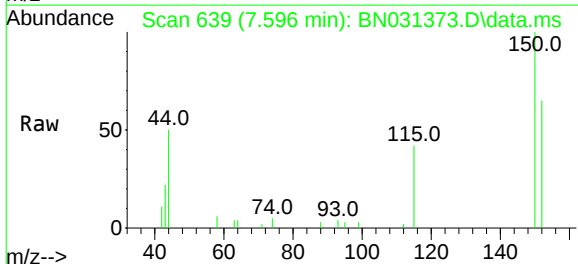
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.596 min Scan# 63
Delta R.T. -0.007 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

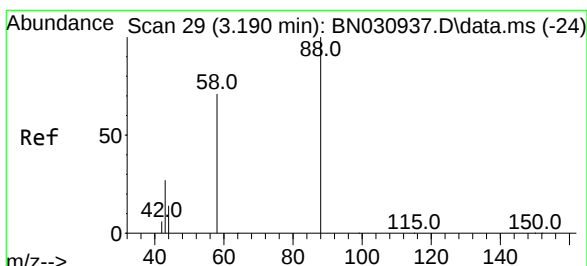
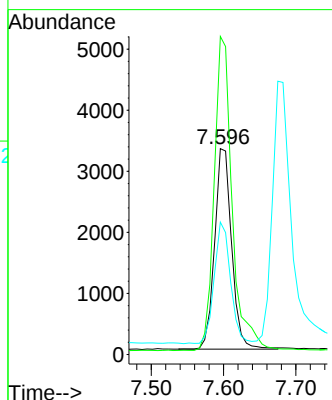
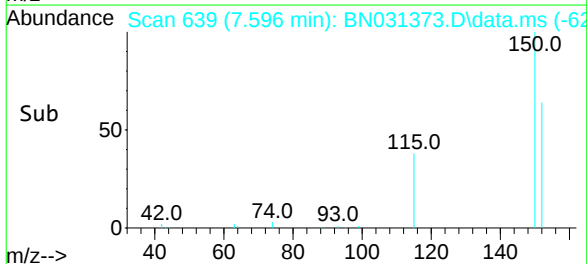
Instrument :
BNA_N
ClientSampleId :
MW-18B-64-043024



Tgt Ion: 152 Resp: 5359
Ion Ratio Lower Upper
152 100
150 154.5 121.7 182.5
115 64.3 47.8 71.8

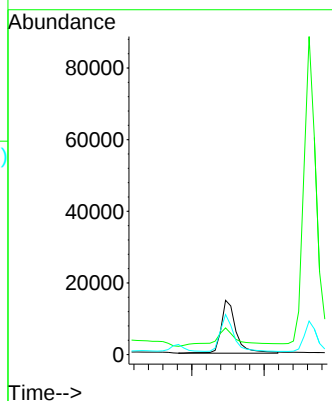
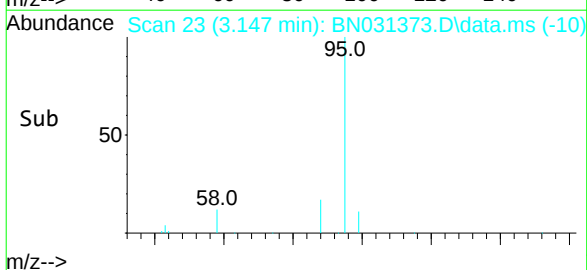
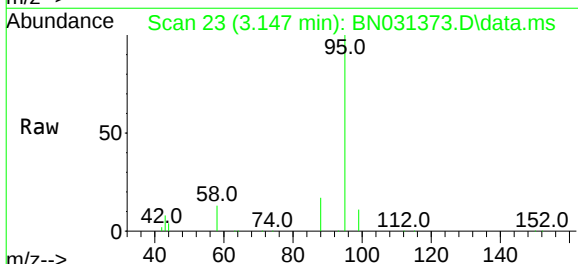
Manual Integrations
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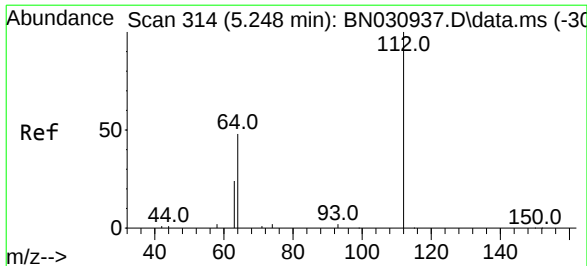
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024



#2
1,4-Dioxane
Concen: 3.174 ng
RT: 3.147 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

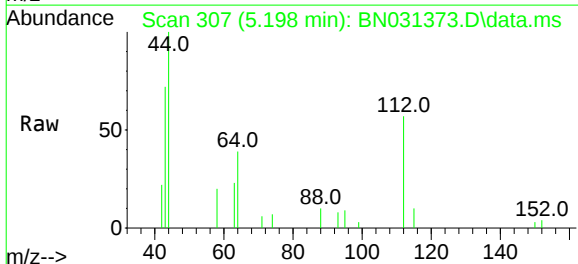
Tgt Ion: 88 Resp: 20914
Ion Ratio Lower Upper
88 100
43 56.5 23.7 35.5#
58 62.2 55.7 83.5





#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.007 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

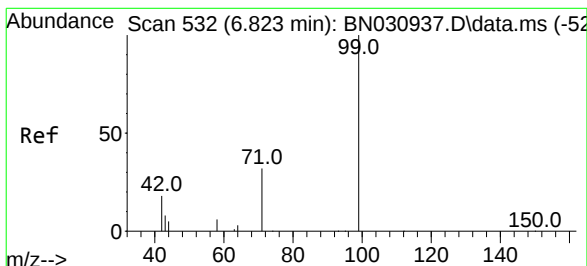
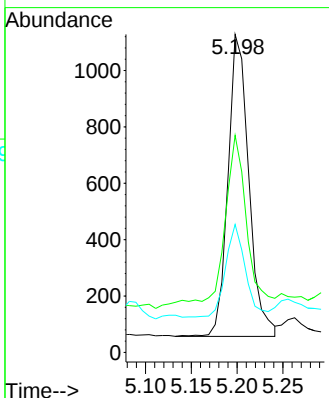
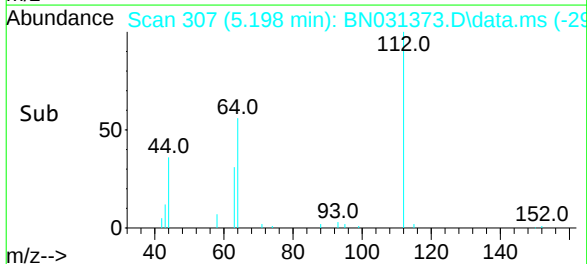
Instrument :
BNA_N
ClientSampleId :
MW-18B-64-043024



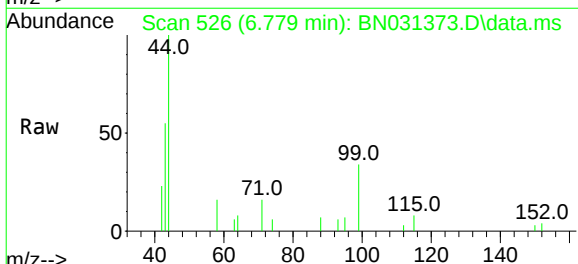
Tgt Ion: 112 Resp: 1696
Ion Ratio Lower Upper
112 100
64 62.8 43.4 65.2
63 29.0 22.2 33.2

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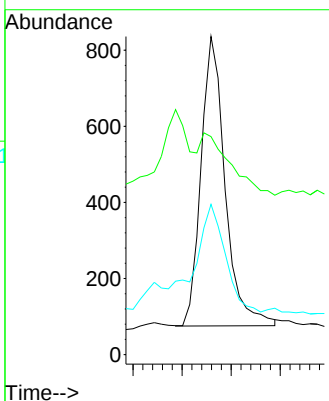
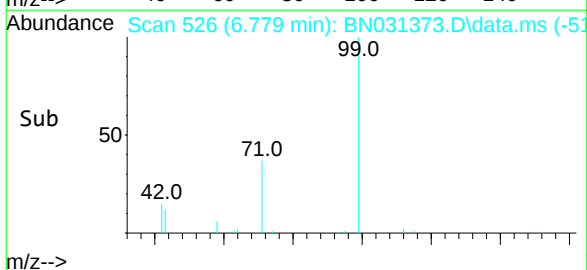
Reviewed By : Yogesh Patel 05/03/2024
Supervised By : mohammad ahmed 05/04/2024

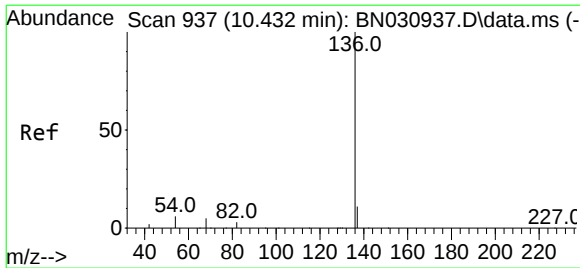


#5
Phenol-d6
Concen: 0.090 ng
RT: 6.779 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34



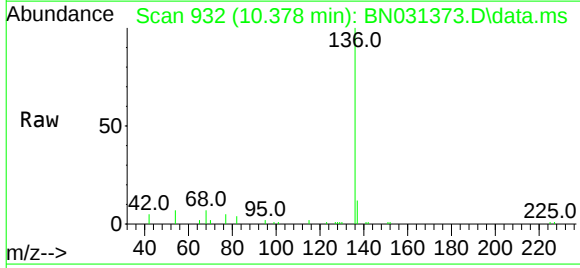
Tgt Ion: 99 Resp: 1300
Ion Ratio Lower Upper
99 100
42 25.6 16.4 24.6#
71 46.7 26.3 39.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

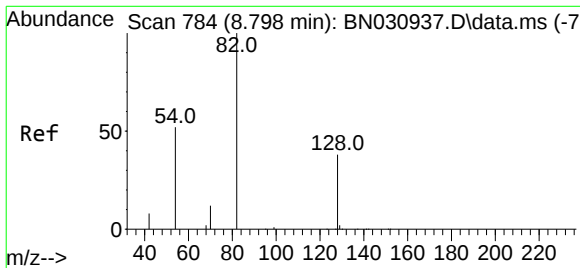
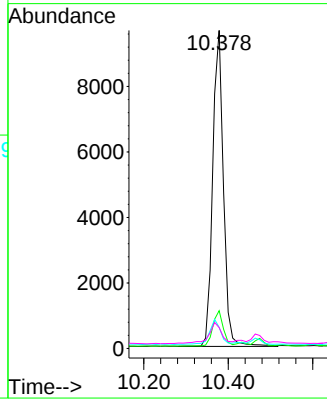
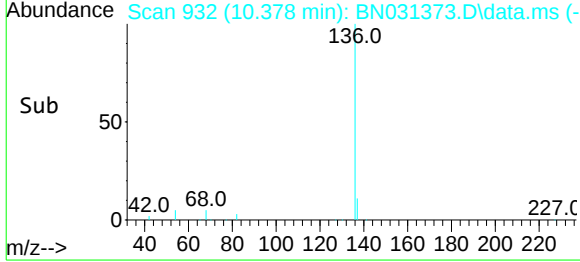
Instrument :
BNA_N
ClientSampleId :
MW-18B-64-043024



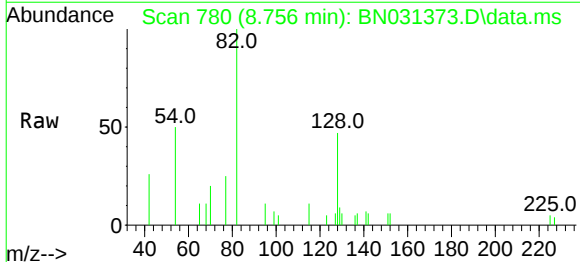
Tgt Ion:	136	Resp:	17006
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	6.6	5.3	7.9
68	6.6	4.7	7.1

Manual Integrations
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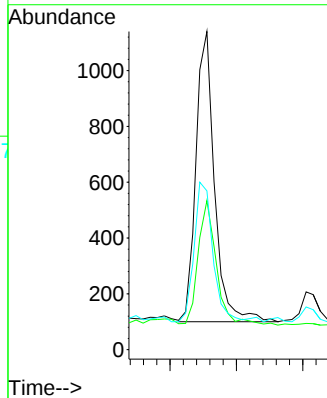
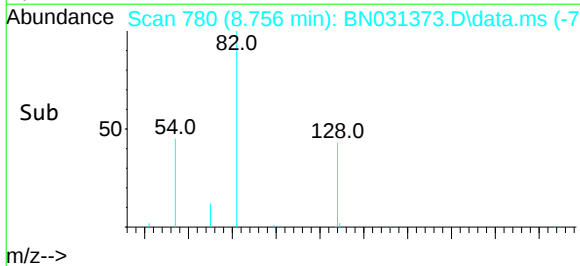
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024

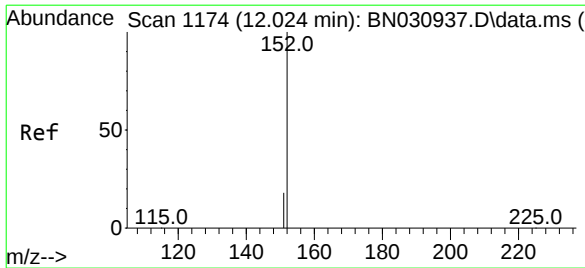


#8
Nitrobenzene-d5
Concen: 0.172 ng
RT: 8.756 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34



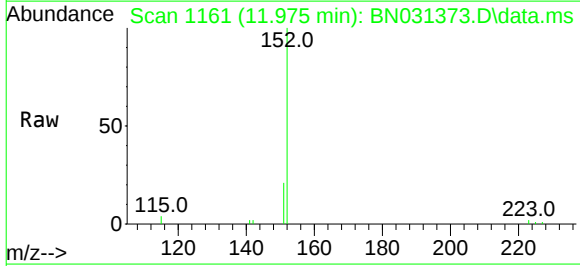
Tgt Ion:	82	Resp:	2028
Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.7	50.5
54	49.9	43.7	65.5





#11
2-Methylnaphthalene-d10
Concen: 0.233 ng m
RT: 11.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

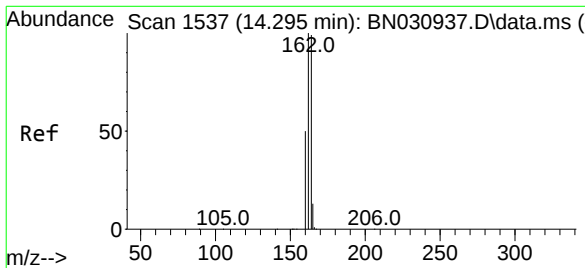
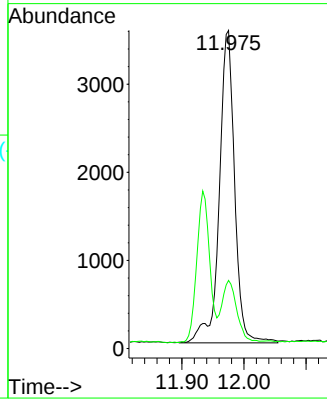
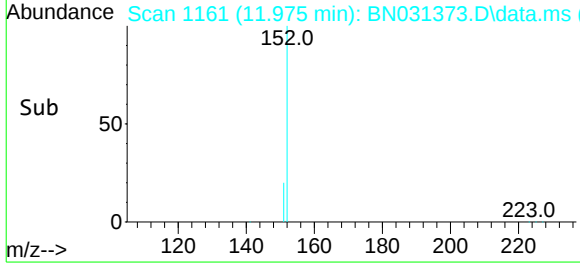
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ClientSampleId :
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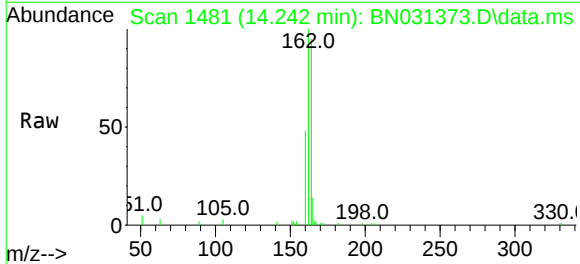
Tgt Ion:152 Resp: 6089
Ion Ratio Lower Upper
152 100
151 18.7 16.7 25.1

Manual Integrations
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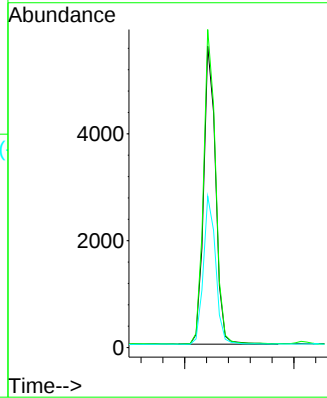
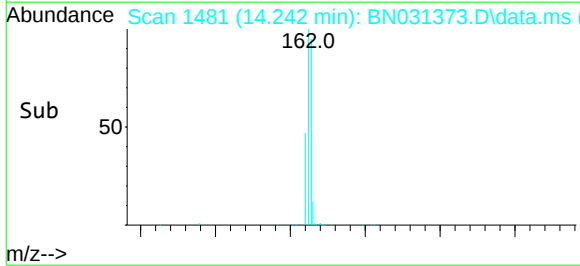
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024

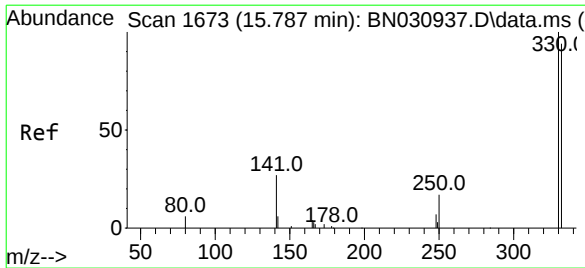


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34



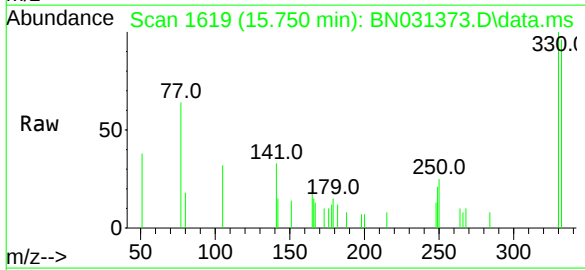
Tgt Ion:164 Resp: 8551
Ion Ratio Lower Upper
164 100
162 105.6 80.6 121.0
160 50.2 40.7 61.1





#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 15.750 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: BN031373.D
 Acq: 02 May 2024 15:34

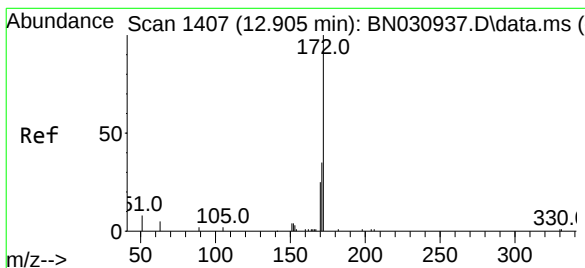
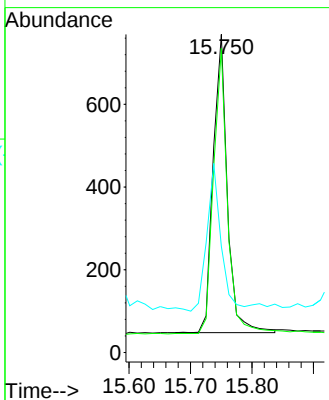
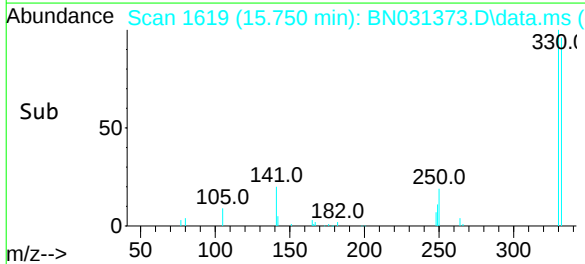
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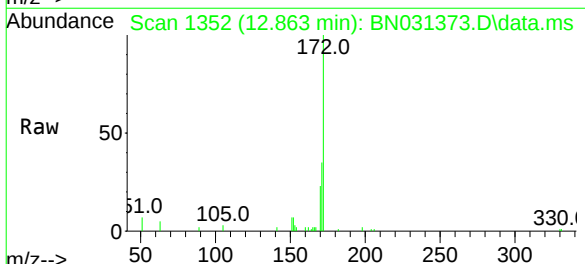
Tgt Ion:	330	Resp:	1154
Ion	Ratio	Lower	Upper
330	100		
332	94.5	74.2	111.2
141	49.4	37.2	55.8

Manual Integrations
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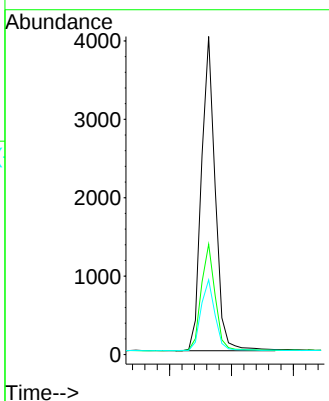
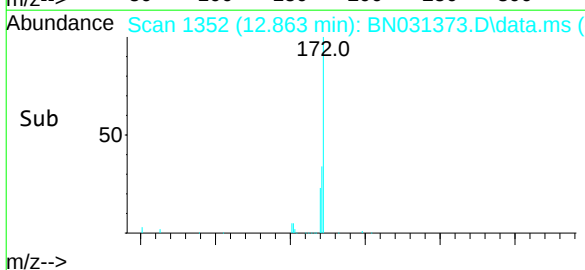
Reviewed By :Yogesh Patel 05/03/2024
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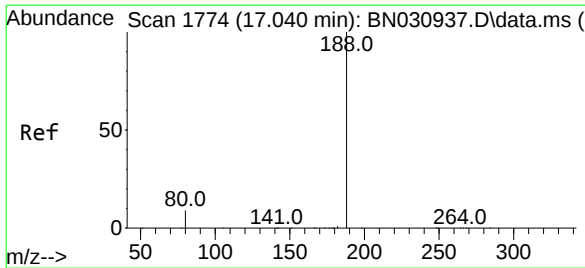


#15
 2-Fluorobiphenyl
 Concen: 0.217 ng
 RT: 12.863 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: BN031373.D
 Acq: 02 May 2024 15:34



Tgt Ion:	172	Resp:	6230
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.5	19.8	29.8





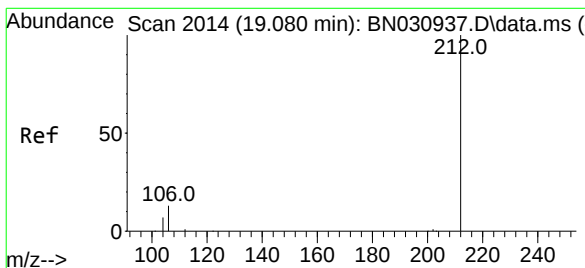
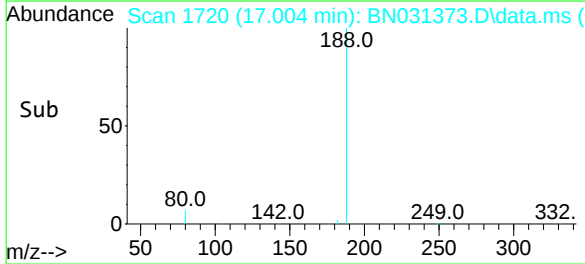
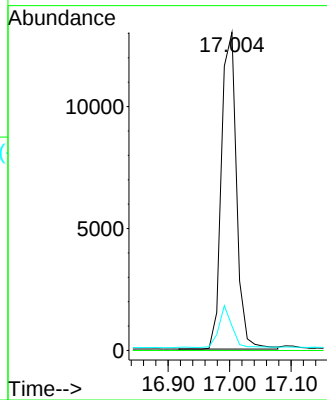
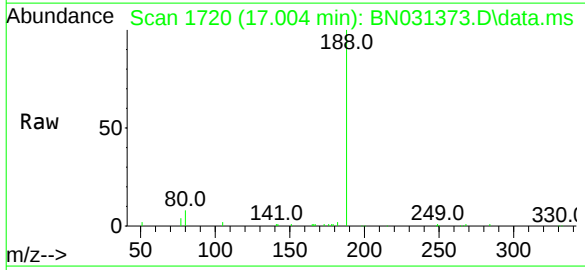
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.4	11.2

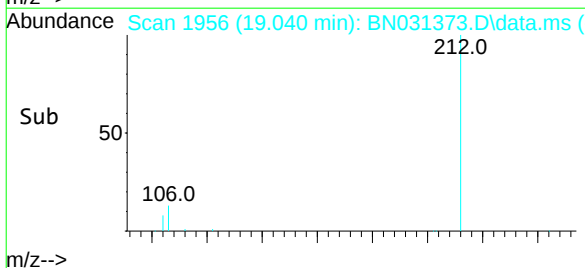
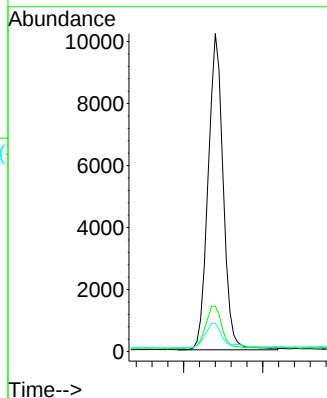
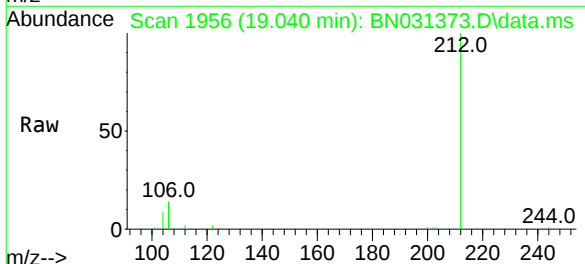
Manual Integrations
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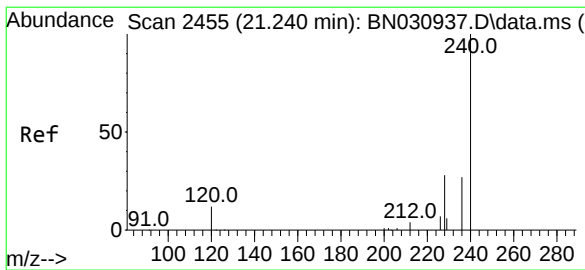
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024



#27
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.040 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

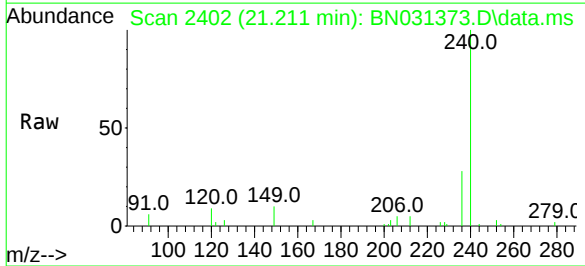
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.0	18.0
104	9.8	6.7	10.1





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2455
Delta R.T. 0.009 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

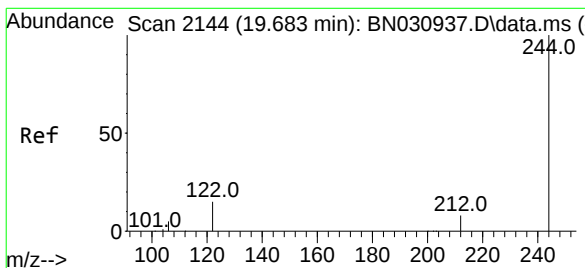
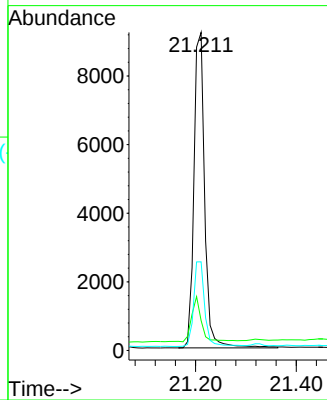
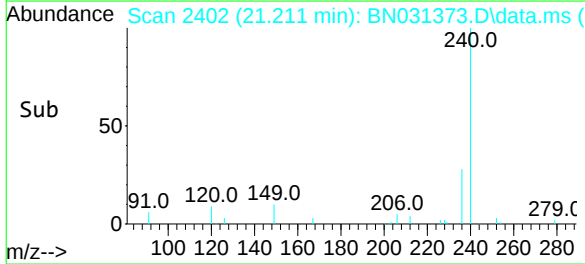
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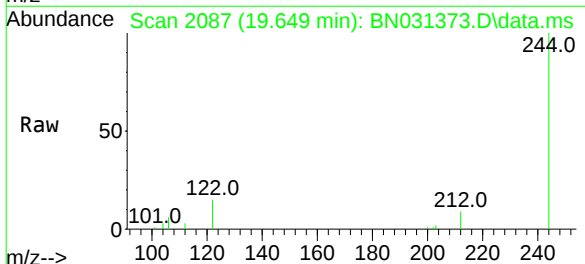
Tgt Ion:240 Resp: 13657
Ion Ratio Lower Upper
240 100
120 9.4 11.0 16.4#
236 27.9 22.3 33.5

Manual Integrations
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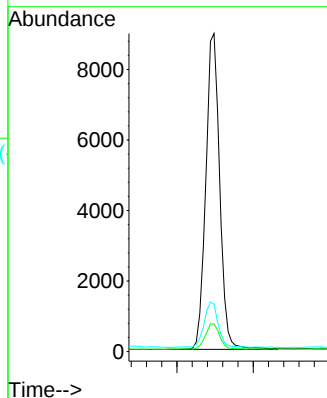
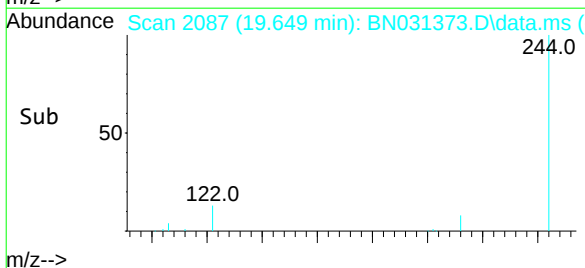
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024

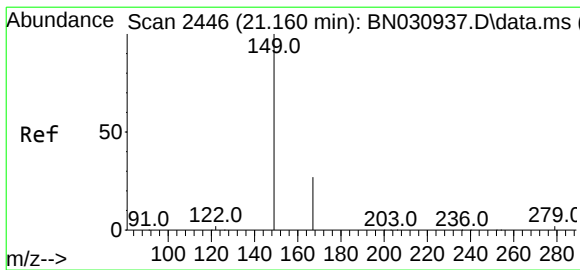


#31
Terphenyl-d14
Concen: 0.357 ng
RT: 19.649 min Scan# 2087
Delta R.T. 0.005 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34



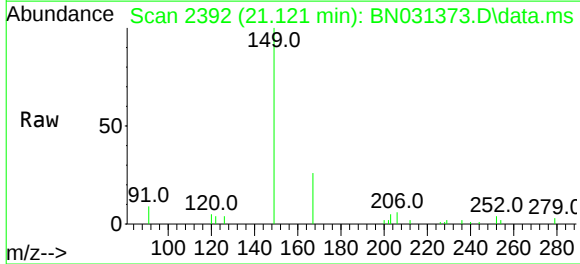
Tgt Ion:244 Resp: 11318
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 14.9 12.7 19.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.121 min Scan# 231
Delta R.T. 0.000 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

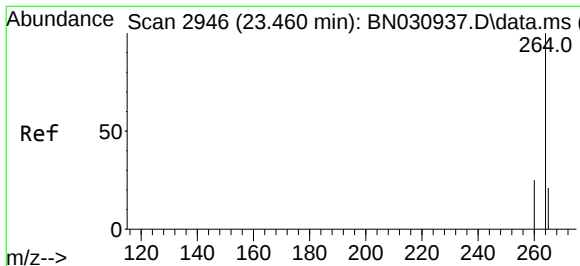
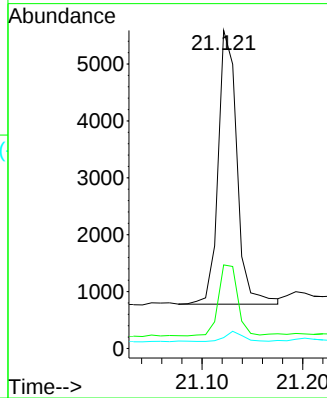
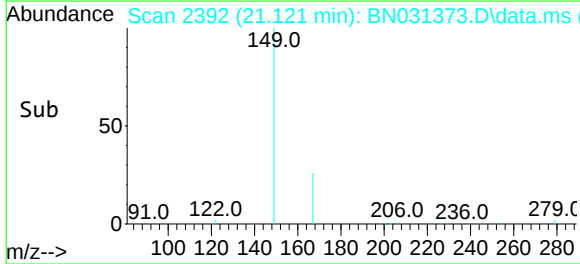
Instrument :
BNA_N
ClientSampleId :
MW-18B-64-043024



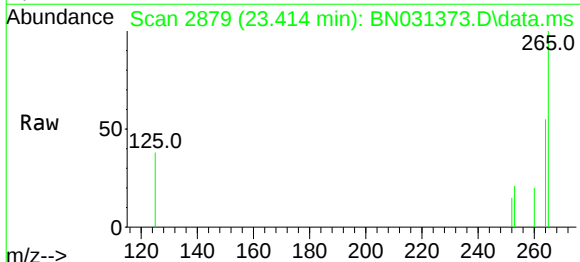
Tgt Ion:149 Resp: 6238
Ion Ratio Lower Upper
149 100
167 26.4 21.0 31.4
279 3.4 2.9 4.3

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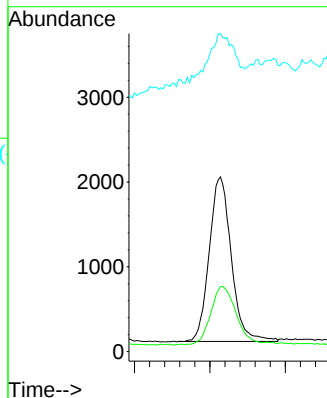
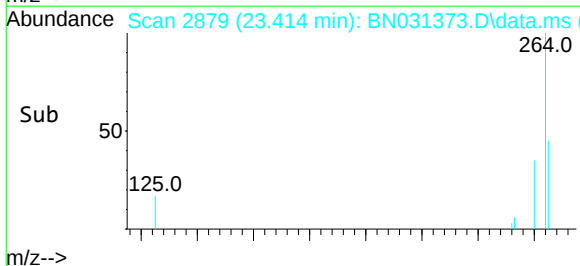
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024

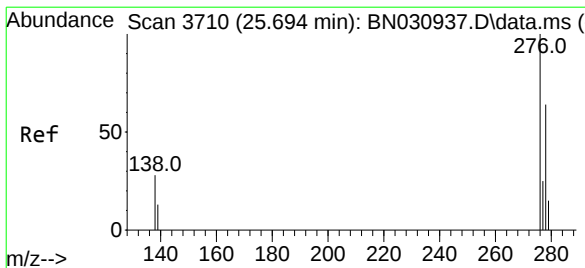


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.414 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34



Tgt Ion:264 Resp: 3950
Ion Ratio Lower Upper
264 100
260 37.2 20.6 31.0#
265 182.0 53.3 79.9#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.137 ng

RT: 25.624 min Scan# 36

Delta R.T. 0.006 min

Lab File: BN031373.D

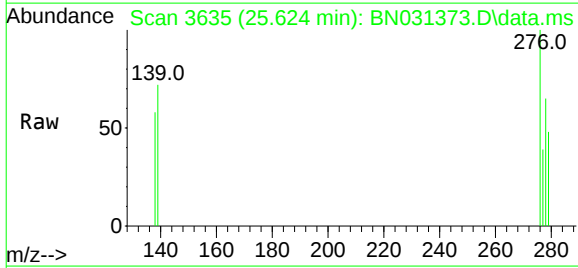
Acq: 02 May 2024 15:34

Instrument :

BNA_N

ClientSampleId :

MW-18B-64-043024



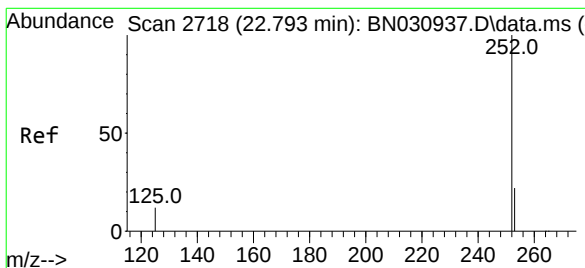
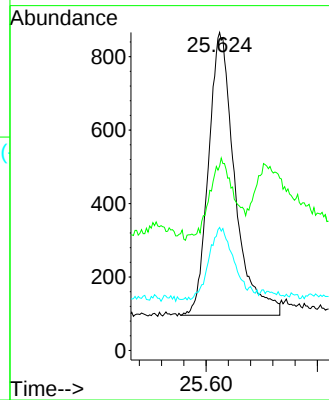
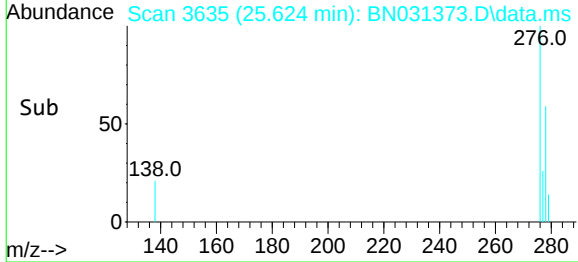
Tgt Ion:	276	Resp:	2523
Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.1	34.7
277	23.5	19.9	29.9

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Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/04/2024



#37

Benzo(b)fluoranthene

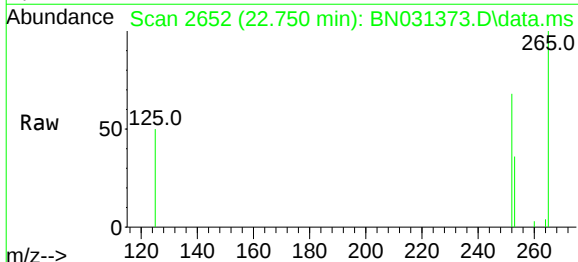
Concen: 0.154 ng

RT: 22.750 min Scan# 2652

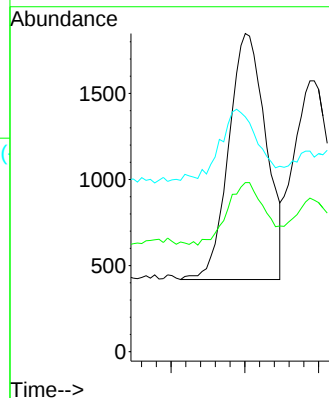
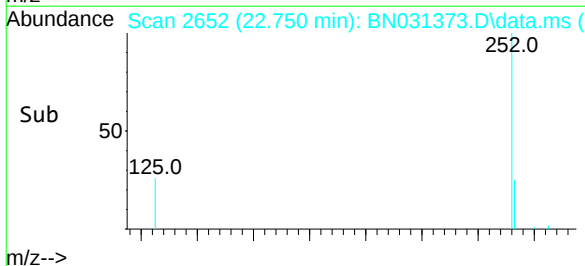
Delta R.T. 0.003 min

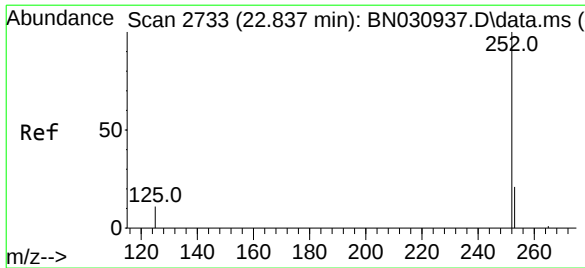
Lab File: BN031373.D

Acq: 02 May 2024 15:34



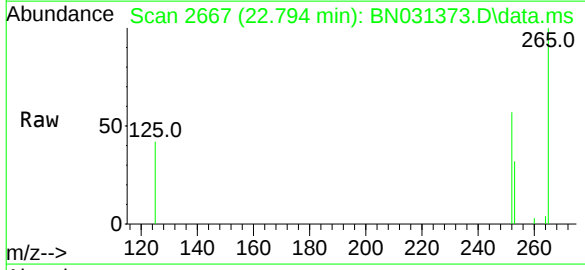
Tgt Ion:	252	Resp:	2512
Ion	Ratio	Lower	Upper
252	100		
253	53.1	20.2	30.2#
125	73.8	13.4	20.2#





#38
Benzo(k)fluoranthene
Concen: 0.128 ng
RT: 22.794 min Scan# 2667
Delta R.T. 0.003 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

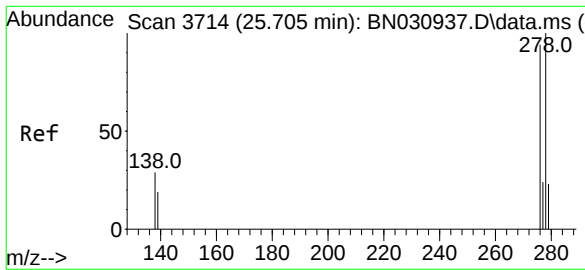
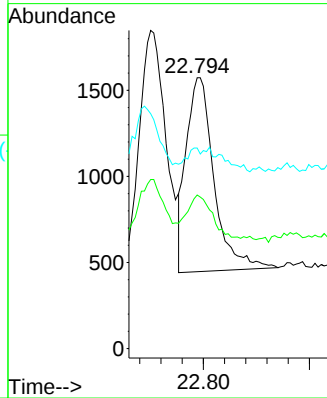
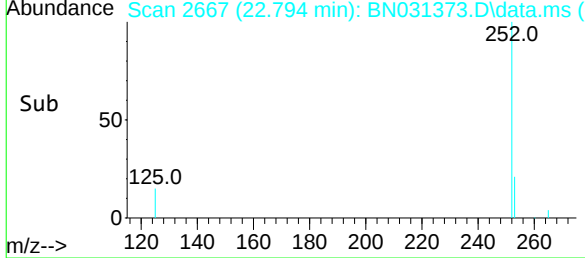
Instrument :
BNA_N
ClientSampleId :
MW-18B-64-043024



Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.7	19.9	29.9#
125	74.1	13.2	19.8#

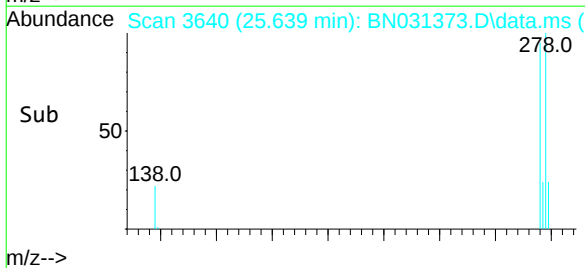
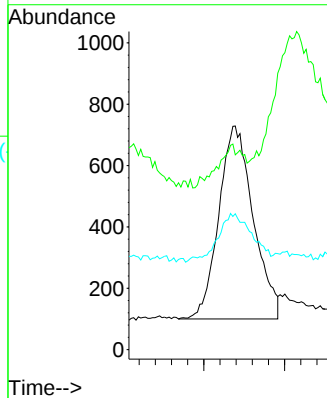
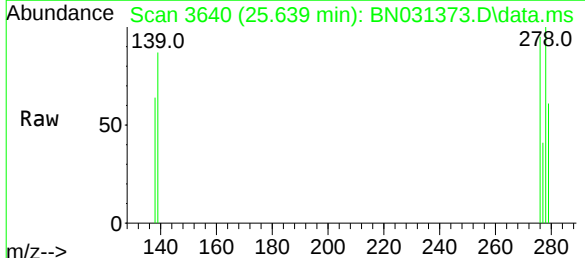
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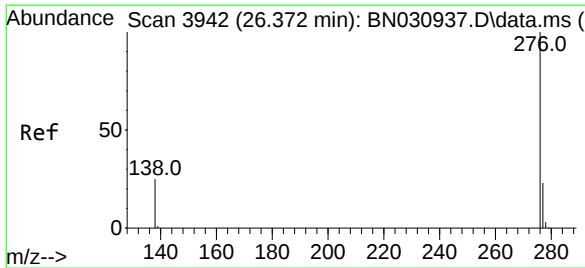
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.127 ng
RT: 25.639 min Scan# 3640
Delta R.T. 0.006 min
Lab File: BN031373.D
Acq: 02 May 2024 15:34

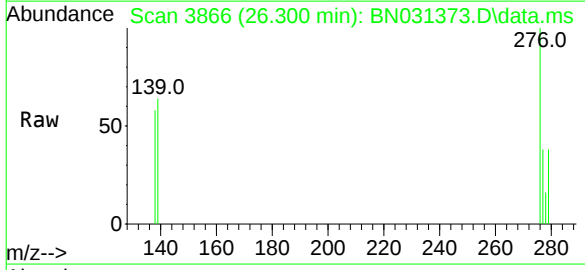
Tgt Ion	Ratio	Lower	Upper
278	100		
139	87.1	16.3	24.5#
279	60.8	20.6	31.0#





Benzo(g,h,i)perylene
 Concen: 0.130 ng
 RT: 26.300 min Scan# 3866
 Delta R.T. 0.006 min
 Lab File: BN031373.D
 Acq: 02 May 2024 15:34

Instrument : BNA_N
 ClientSampleId : MW-18B-64-043024



Tgt Ion:	276	Resp:	2105
Ion Ratio	Lower	Upper	
276	100		
277	38.3	19.4	29.2#
138	58.3	21.0	31.4#

Manual Integrations
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Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/04/2024

