

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
 Data File : BN031429.D
 Acq On : 07 May 2024 19:30
 Operator : MA/JU
 Sample : P2394-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-050324

Quant Time: May 08 00:03:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	6031	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	17851	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	5587	0.400	ng	0.00
19) Phenanthrene-d10	16.966	188	12418	0.400	ng	0.00
29) Chrysene-d12	21.166	240	11970	0.400	ng	# 0.00
35) Perylene-d12	23.355	264	13667	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	108	0.008	ng	0.00
5) Phenol-d6	6.787	99	65	0.004	ng	0.04
8) Nitrobenzene-d5	8.723	82	2423	0.155	ng	0.01
11) 2-Methylnaphthalene-d10	11.941	152	5655	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	182	0.072	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	8557	0.414	ng	0.00
27) Fluoranthene-d10	19.007	212	9962	0.297	ng	0.00
31) Terphenyl-d14	19.616	244	8750	0.288	ng	0.00
Target Compounds						
9) Naphthalene	10.389	128	1429	0.029	ng	# 85
33) Chrysene	21.211	228	899	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.094	149	2240m	0.103	ng	
36) Indeno(1,2,3-cd)pyrene	25.542	276	1256	0.023	ng	# 86
37) Benzo(b)fluoranthene	22.700	252	1116	0.021	ng	# 23
38) Benzo(k)fluoranthene	22.747	252	1137	0.022	ng	# 21
40) Dibenzo(a,h)anthracene	25.563	278	884	0.020	ng	# 19
41) Benzo(g,h,i)perylene	26.215	276	1131	0.026	ng	# 68

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

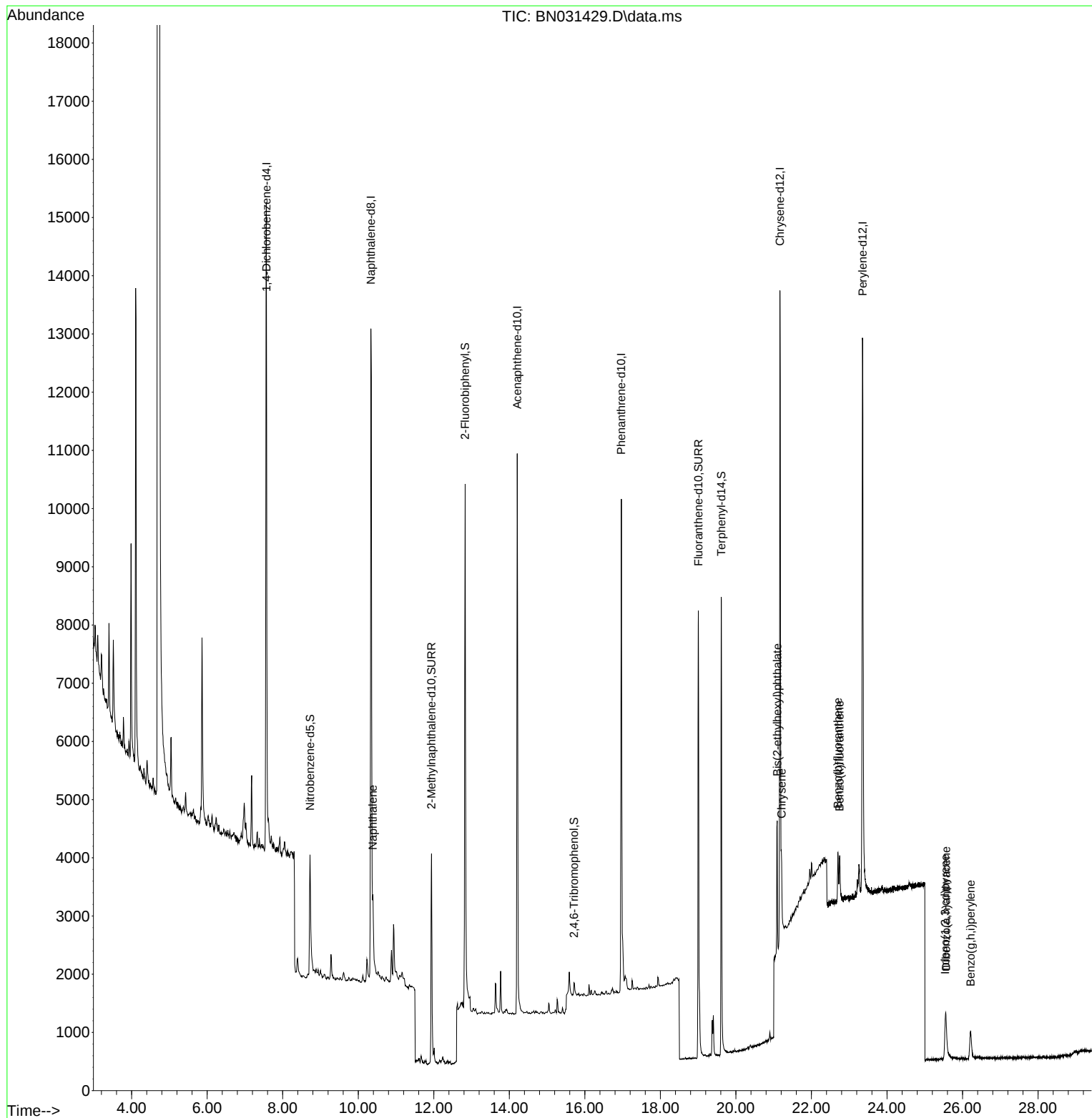
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031429.D
Acq On : 07 May 2024 19:30
Operator : MA/JU
Sample : P2394-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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EB-01-050324

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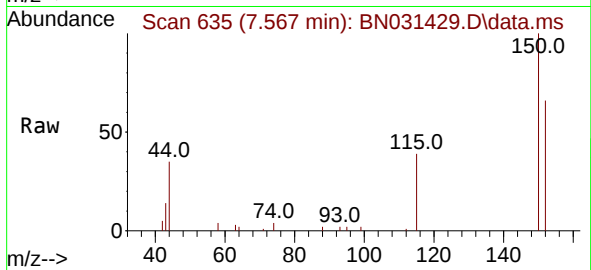
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



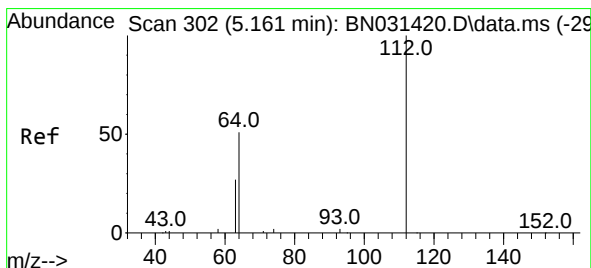
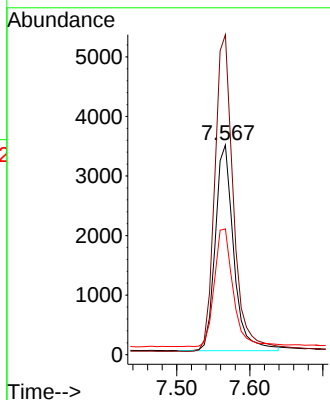
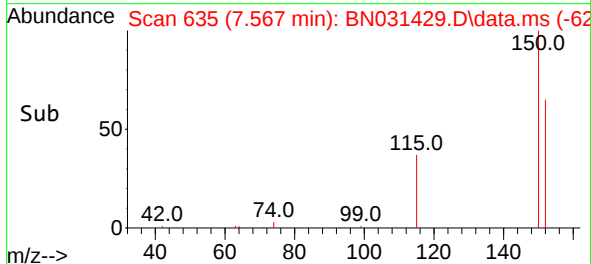
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Ion Ratio Lower Upper
152 100
150 152.6 122.2 183.2
115 60.0 47.8 71.6

Manual Integrations

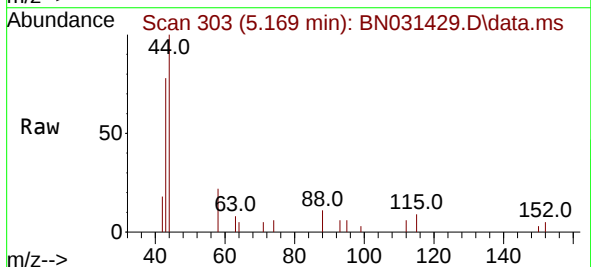
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

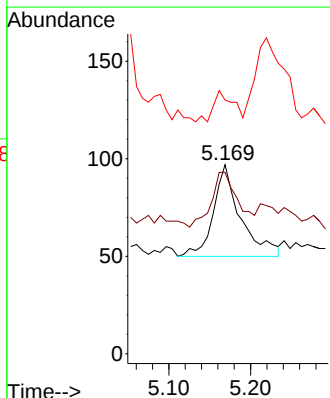
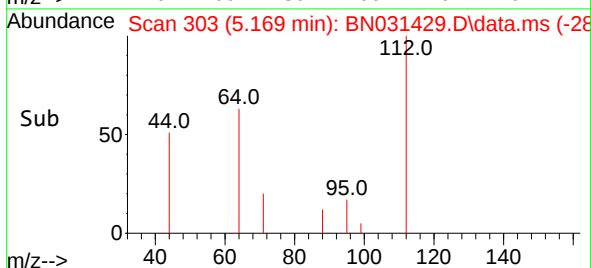
Supervised By :mohammad ahmed 05/08/2024

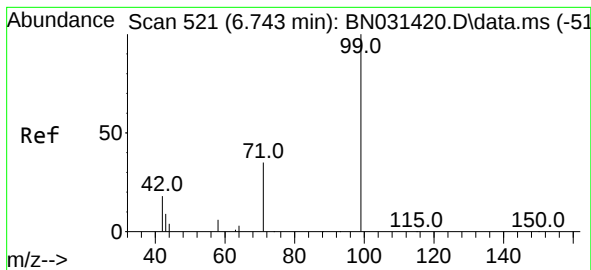


#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.007 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30



Tgt Ion:112 Resp: 108
Ion Ratio Lower Upper
112 100
64 57.4 42.4 63.6
63 24.1 22.6 34.0





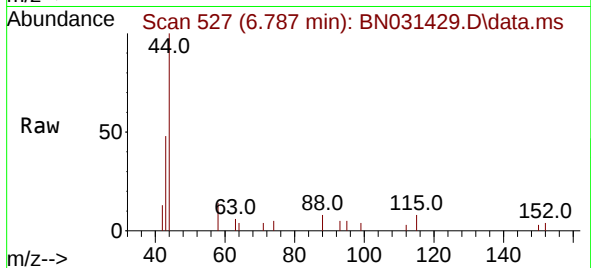
#5
Phenol-d6
Concen: 0.004 ng
RT: 6.787 min Scan# 521
Delta R.T. 0.043 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



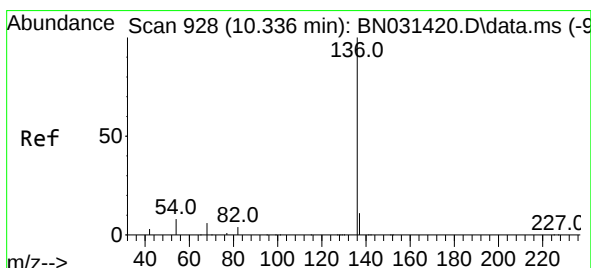
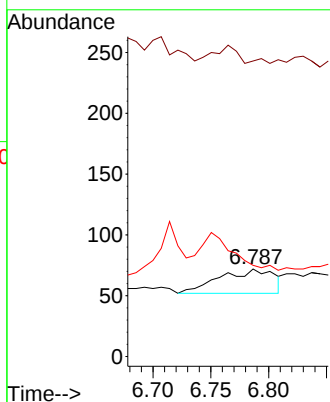
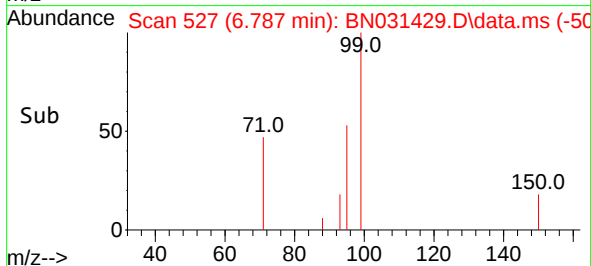
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99 100
42 0.0 15.8 23.8
71 0.0 27.8 41.6

Manual Integrations

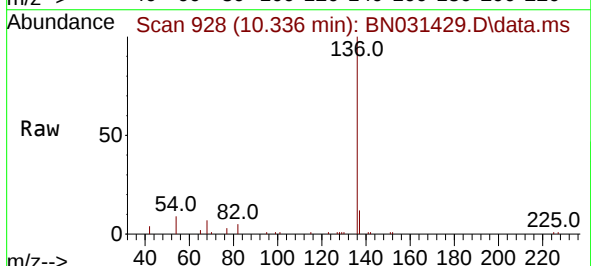
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

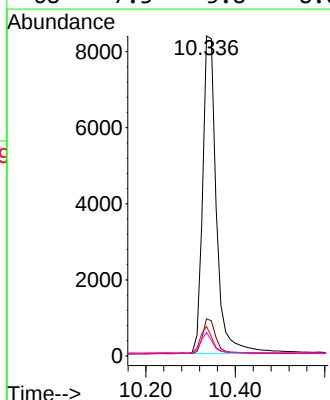
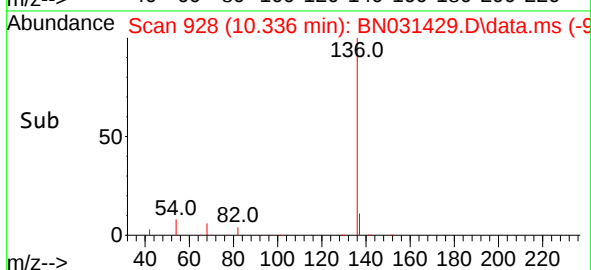
Supervised By :mohammad ahmed 05/08/2024

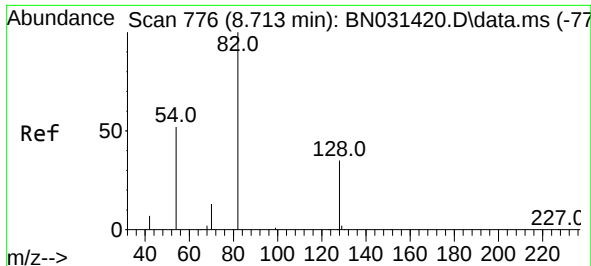


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30



Tgt Ion:136 Resp: 17851
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.3 7.2 10.8
68 7.3 5.8 8.6





#8
Nitrobenzene-d5
Concen: 0.155 ng
RT: 8.723 min Scan# 776
Delta R.T. 0.011 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

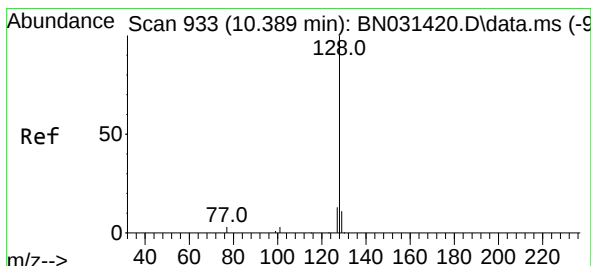
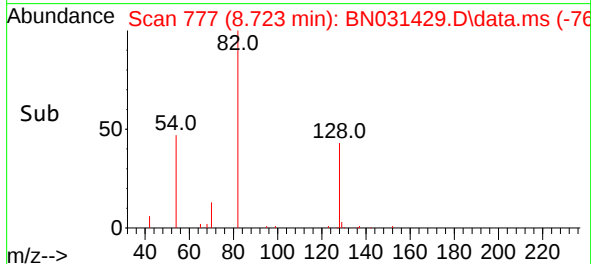
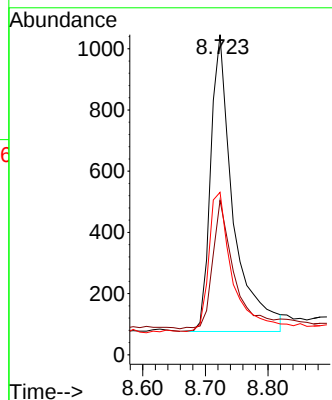
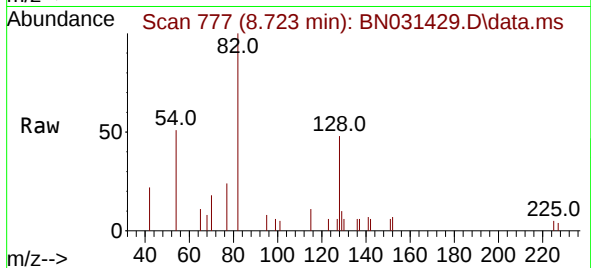
EB-01-050324

Tgt Ion: 82 Resp: 242
Ion Ratio Lower Upper
82 100
128 48.3 30.0 45.0#
54 50.8 43.4 65.0#

Manual Integrations

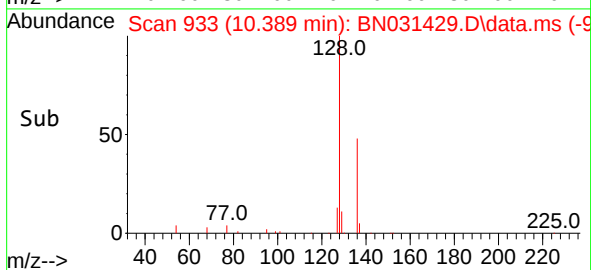
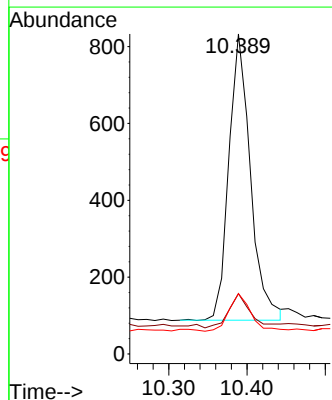
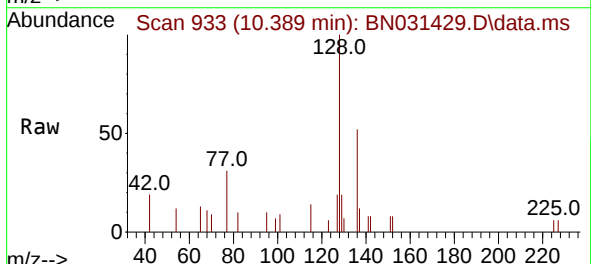
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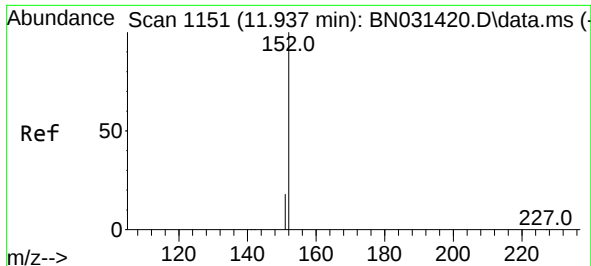
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#9
Naphthalene
Concen: 0.029 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

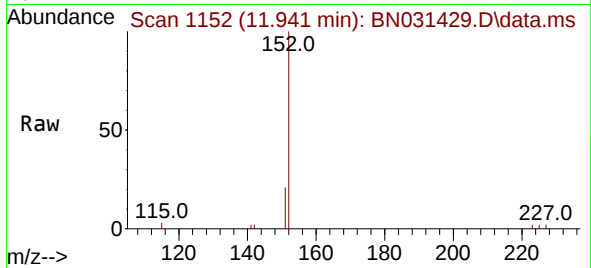
Tgt Ion:128 Resp: 1429
Ion Ratio Lower Upper
128 100
129 18.8 9.5 14.3#
127 18.8 11.1 16.7#





#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.941 min Scan# 1151
Delta R.T. 0.004 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

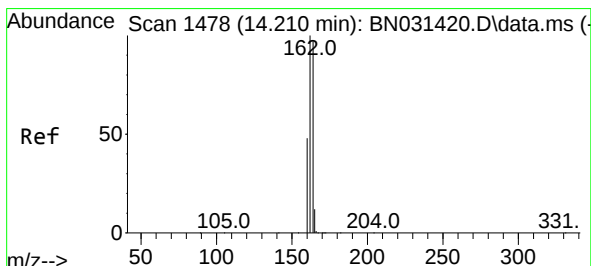
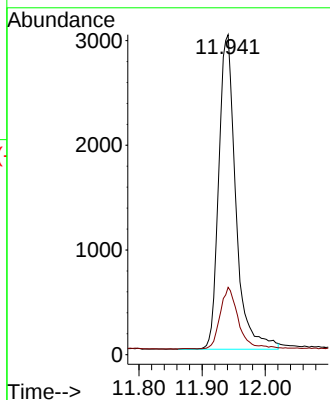
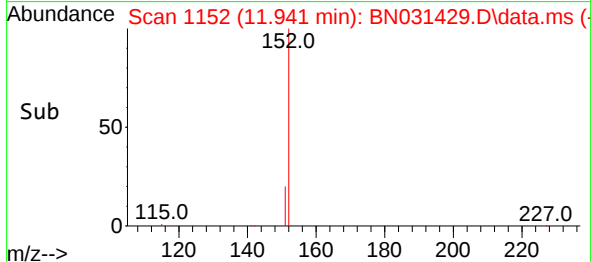
Instrument :
BNA_N
ClientSampleId :
EB-01-050324



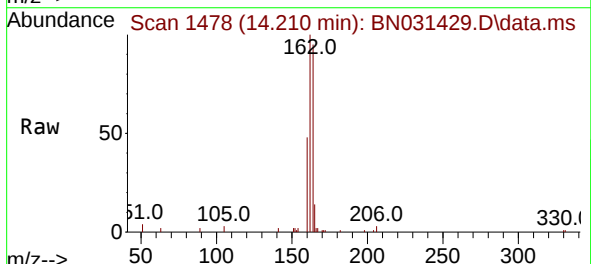
Tgt Ion:152 Resp: 5658
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

Manual Integrations
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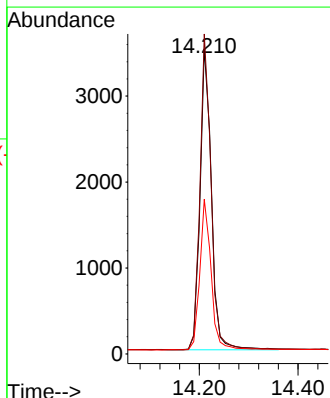
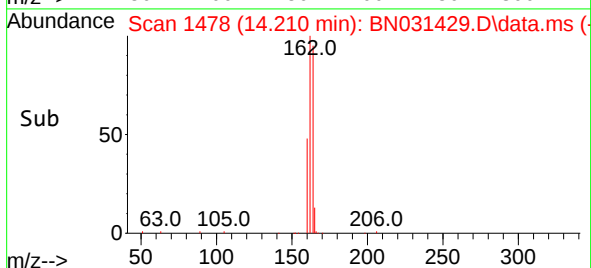
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

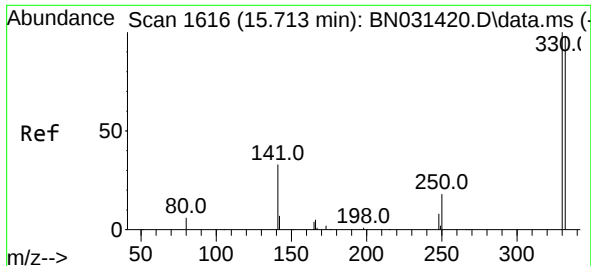


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30



Tgt Ion:164 Resp: 5587
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 50.7 40.2 60.2





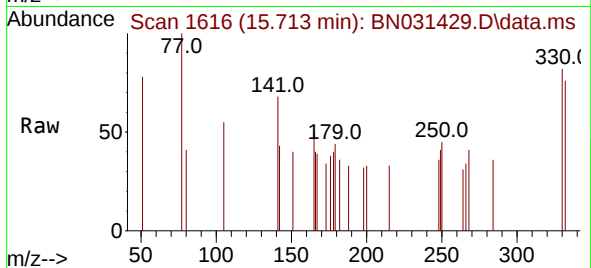
#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



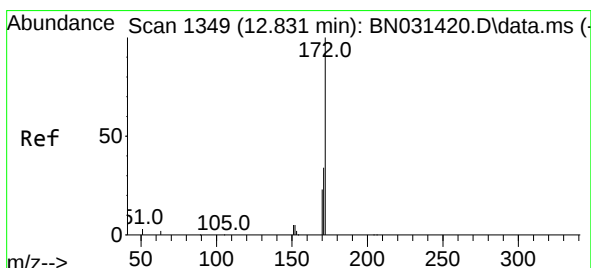
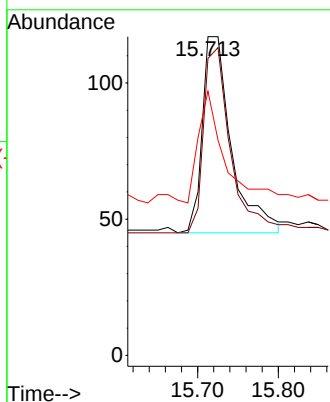
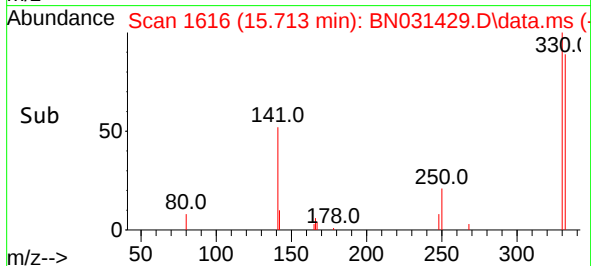
Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 86.8 77.5 116.3
141 47.3 39.3 58.9

Manual Integrations

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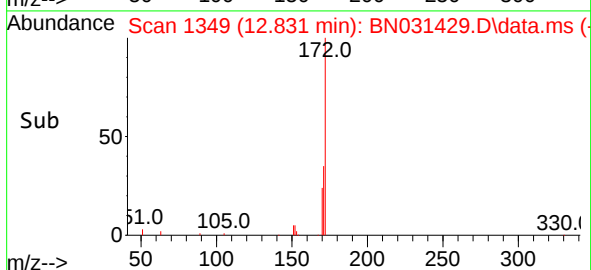
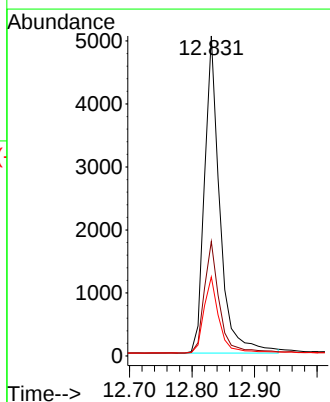
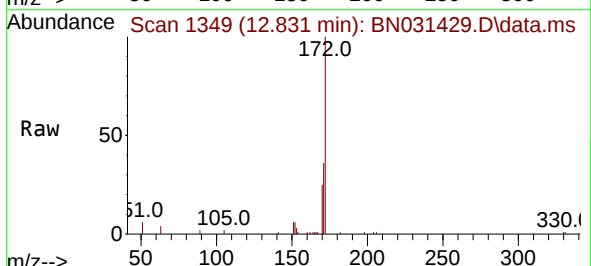
Reviewed By :Yogesh Patel 05/08/2024

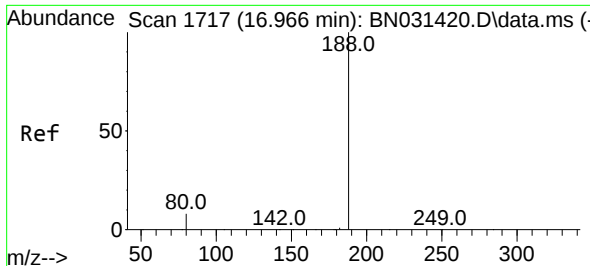
Supervised By :mohammad ahmed 05/08/2024



#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:172 Resp: 8557
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.7 18.9 28.3





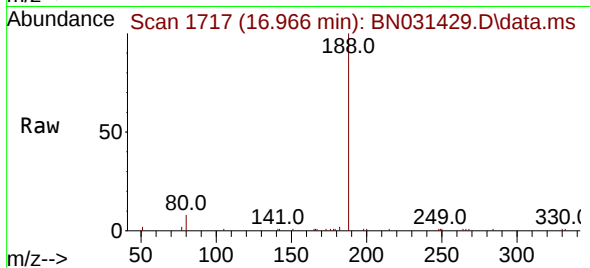
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Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



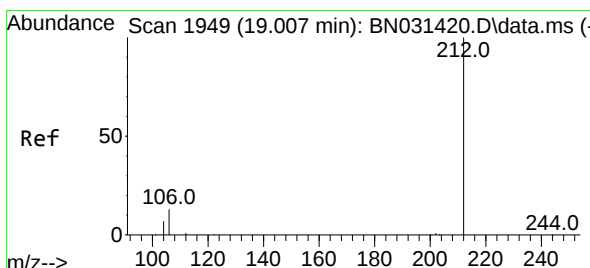
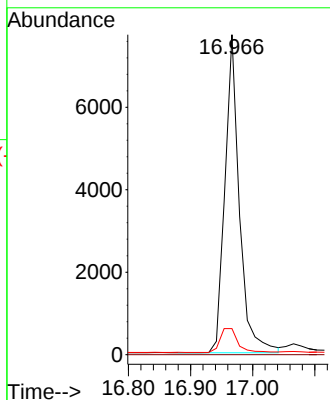
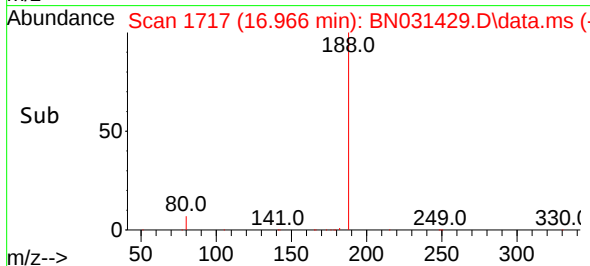
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.8 10.2

Manual Integrations

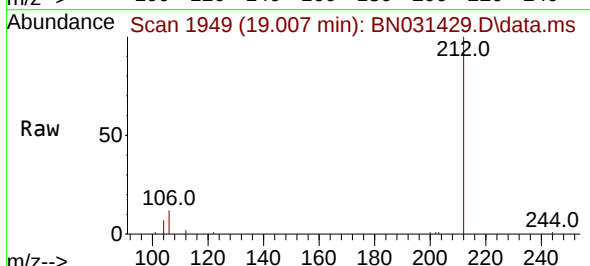
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

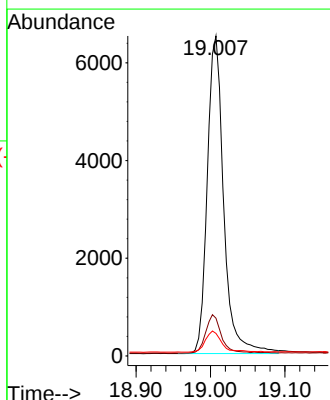
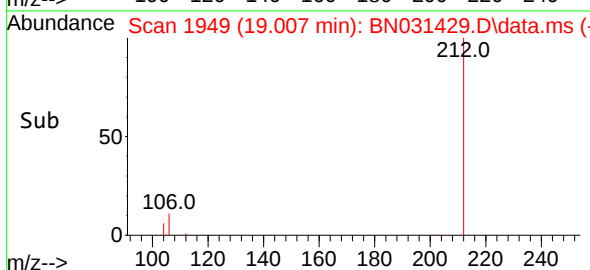
Supervised By :mohammad ahmed 05/08/2024

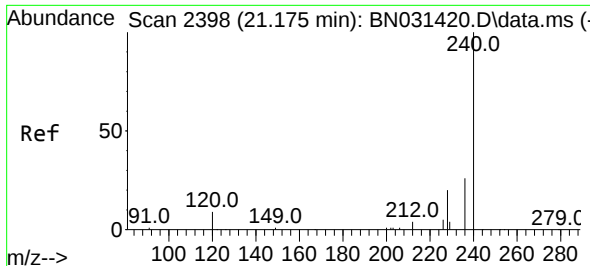


#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.007 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30



Tgt Ion:212 Resp: 9962
Ion Ratio Lower Upper
212 100
106 11.8 11.5 17.3
104 6.7 6.4 9.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

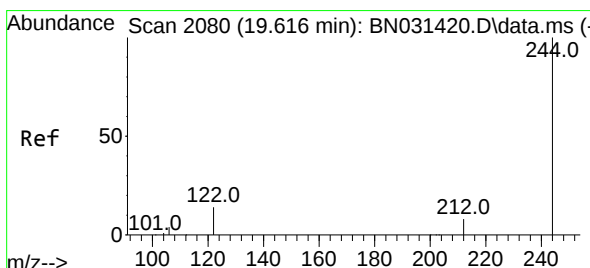
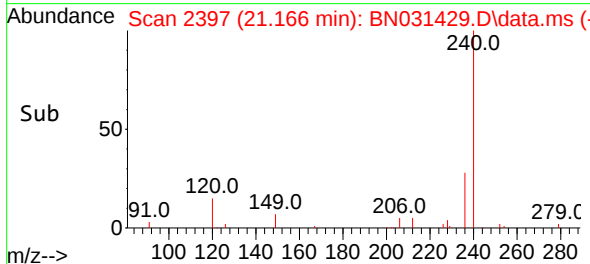
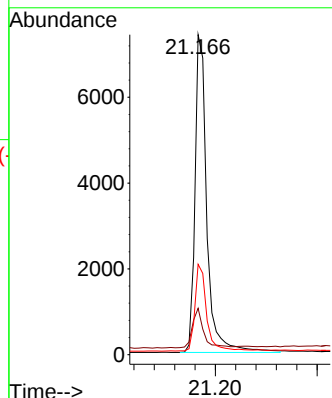
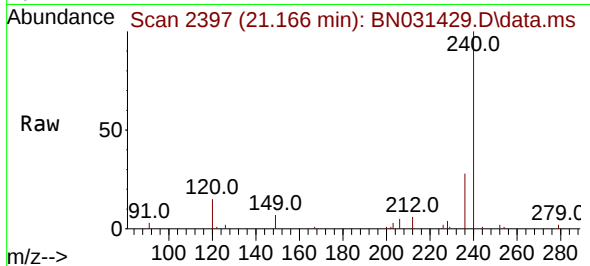
EB-01-050324

Tgt Ion:240 Resp: 11970
Ion Ratio Lower Upper
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120 14.5 7.9 11.9
236 28.2 21.4 32.2

Manual Integrations

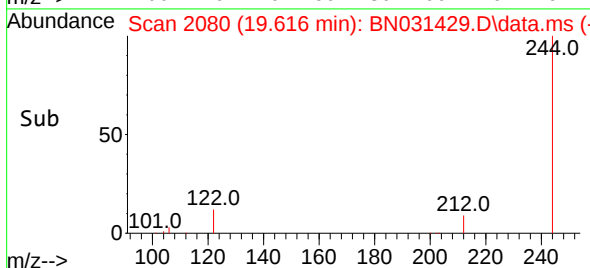
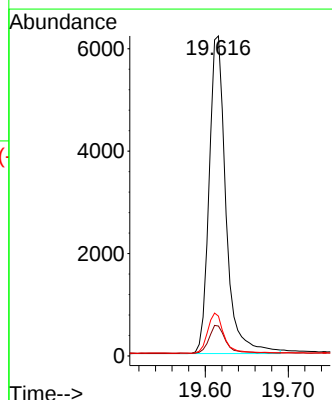
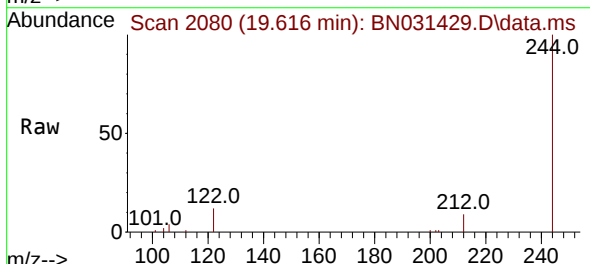
APPROVED

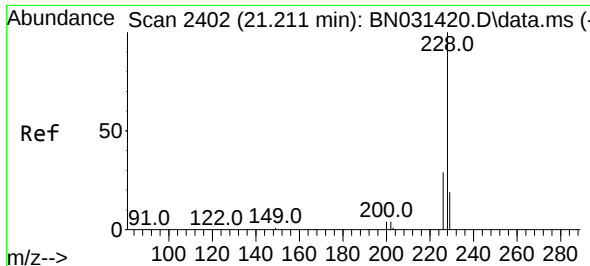
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#31
Terphenyl-d14
Concen: 0.288 ng
RT: 19.616 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:244 Resp: 8750
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 12.4 11.4 17.2





#33

Chrysene

Concen: 0.021 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN031429.D

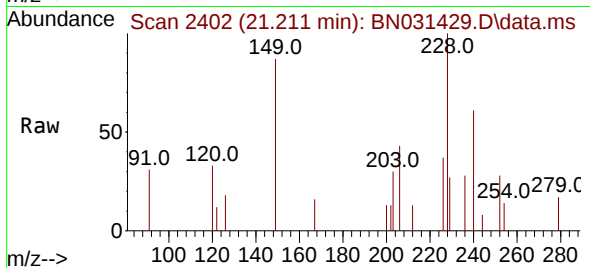
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



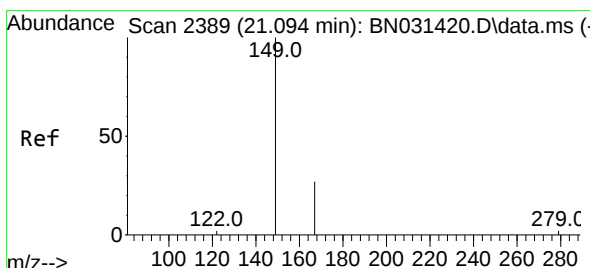
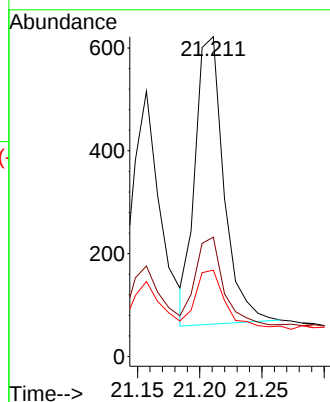
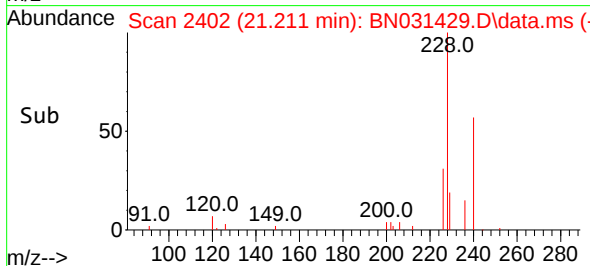
Tgt Ion:	228	Resp:	89
Ion Ratio	Lower	Upper	
228	100		
226	37.3	23.6	35.4
229	27.0	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#34

Bis(2-ethylhexyl)phthalate

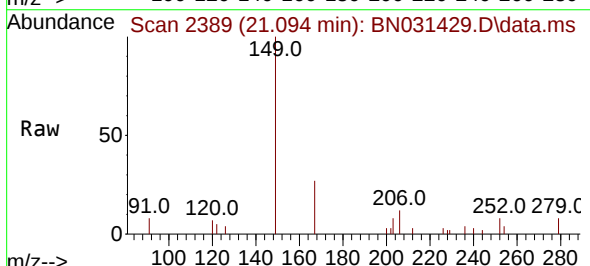
Concen: 0.103 ng m

RT: 21.094 min Scan# 2389

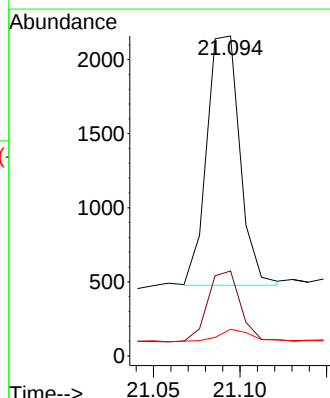
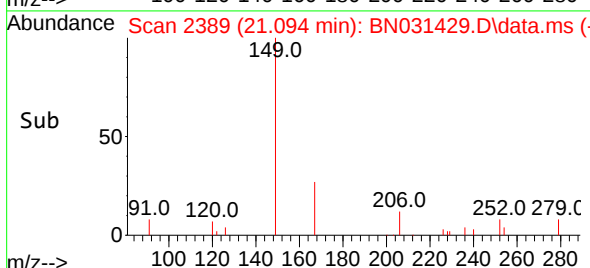
Delta R.T. 0.000 min

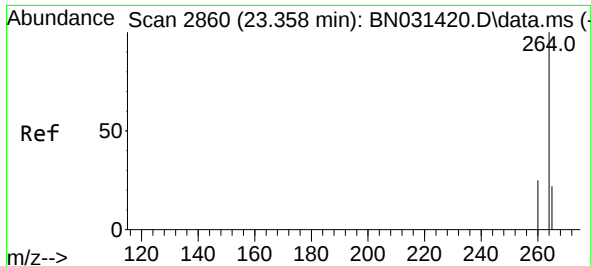
Lab File: BN031429.D

Acq: 07 May 2024 19:30



Tgt Ion:	149	Resp:	2240
Ion Ratio	Lower	Upper	
149	100		
167	33.1	23.0	34.4
279	10.2	3.2	4.8





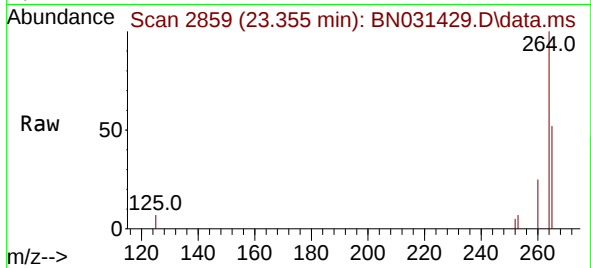
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.355 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN031429.D
 Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



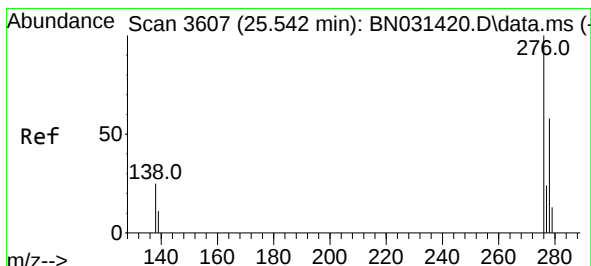
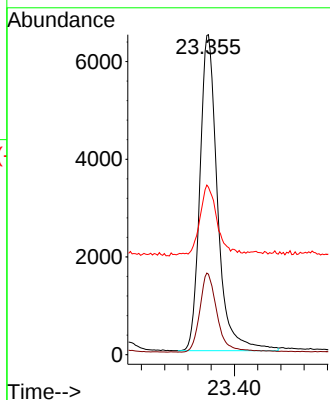
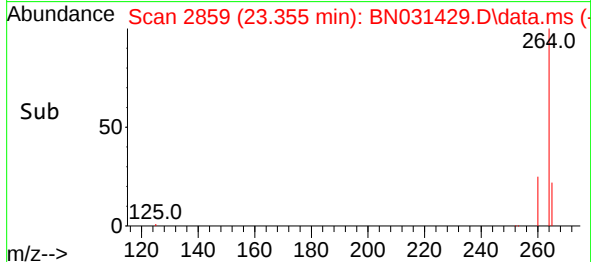
Tgt Ion:264 Resp: 1366
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.4
 265 52.4 43.4 65.2

Manual Integrations

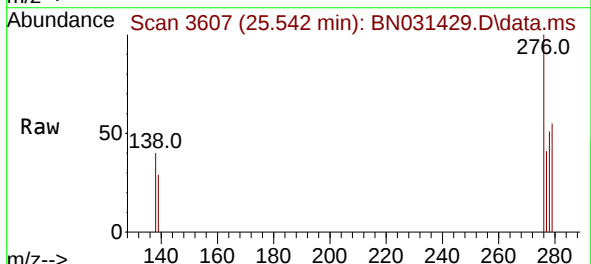
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

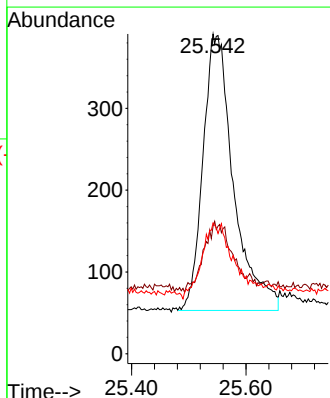
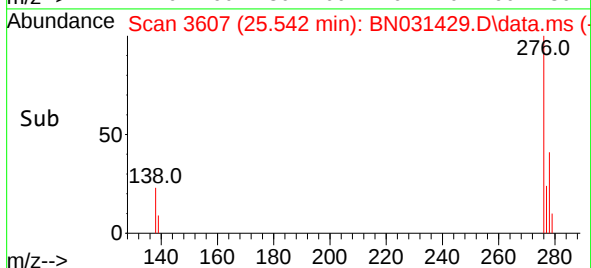
Supervised By :mohammad ahmed 05/08/2024

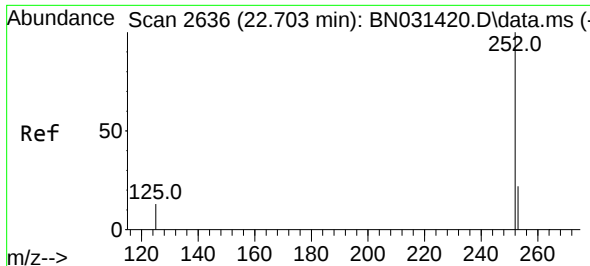


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng
 RT: 25.542 min Scan# 3607
 Delta R.T. 0.000 min
 Lab File: BN031429.D
 Acq: 07 May 2024 19:30



Tgt Ion:276 Resp: 1256
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.5 32.3
 277 14.3 19.8 29.8#





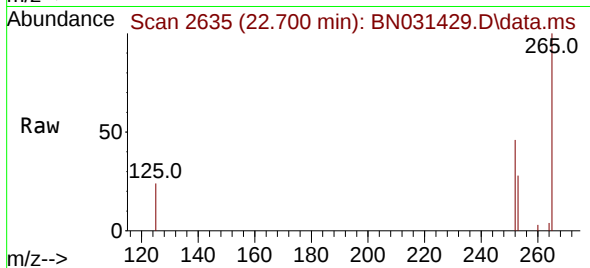
#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.700 min Scan# 2635
Delta R.T. -0.003 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :

BN031429.D

ClientSampleId :

EB-01-050324



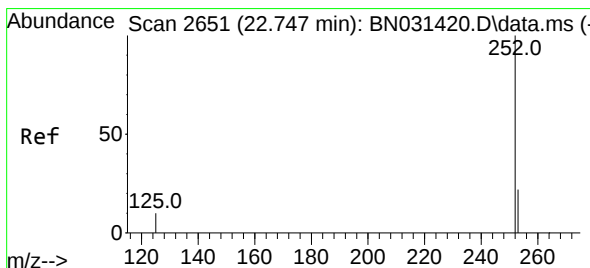
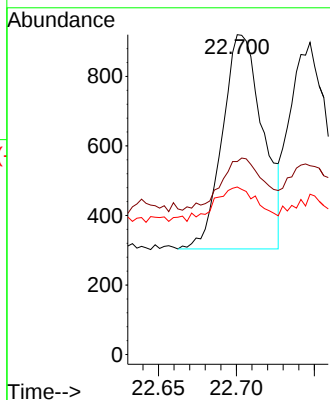
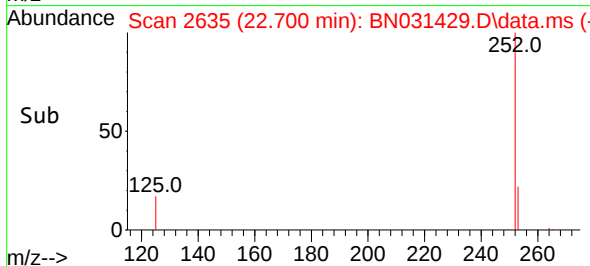
Tgt Ion:252 Resp: 1110
Ion Ratio Lower Upper
252 100
253 60.3 19.5 29.3#
125 52.4 12.9 19.3#

Manual Integrations

APPROVED

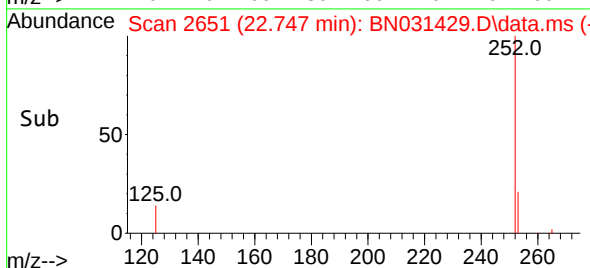
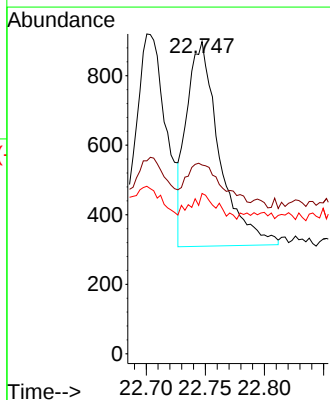
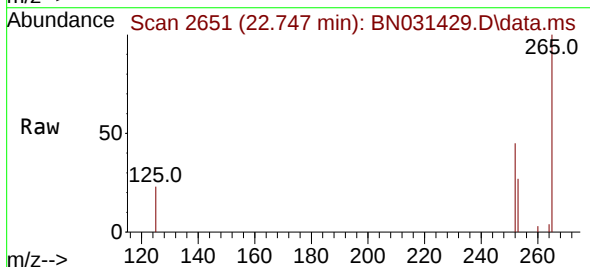
Reviewed By :Yogesh Patel 05/08/2024

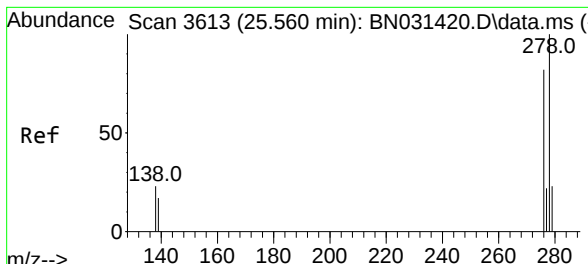
Supervised By :mohammad ahmed 05/08/2024



#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.747 min Scan# 2651
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:252 Resp: 1137
Ion Ratio Lower Upper
252 100
253 60.5 19.5 29.3#
125 51.3 11.5 17.3#





#40

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 25.563 min Scan# 3614

Delta R.T. 0.003 min

Lab File: BN031429.D

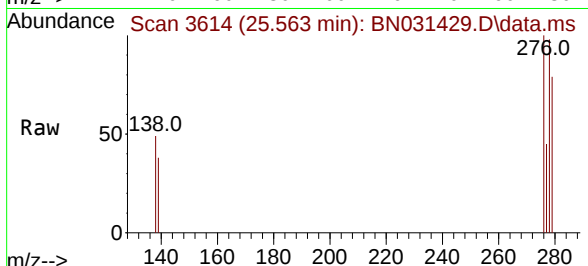
Acq: 07 May 2024 19:30

Instrument :

BNA_N

ClientSampleId :

EB-01-050324



Tgt Ion:278 Resp: 884

Ion Ratio Lower Upper

278 100

139 38.2 14.7 22.1

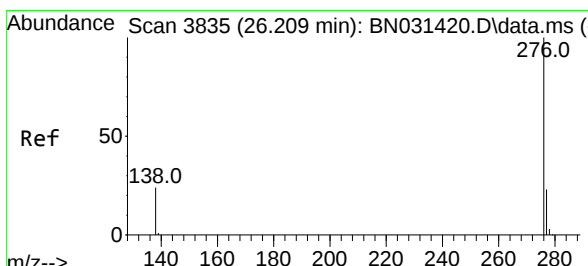
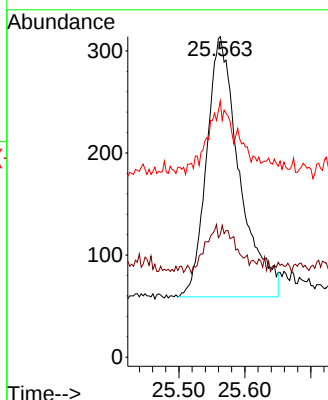
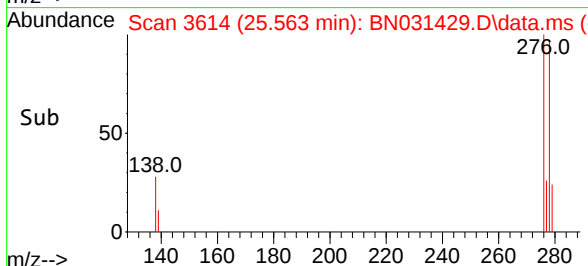
279 79.9 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.215 min Scan# 3837

Delta R.T. 0.006 min

Lab File: BN031429.D

Acq: 07 May 2024 19:30

Tgt Ion:276 Resp: 1131

Ion Ratio Lower Upper

276 100

277 40.7 19.4 29.2

138 39.7 19.7 29.5

