

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
 Data File : BN033284.D
 Acq On : 06 Aug 2024 21:40
 Operator : MA/JU
 Sample : P3468-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IDW-S1-01

Quant Time: Aug 07 02:05:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	890m	0.400	ng	0.13
7) Naphthalene-d8	10.361	136	2976	0.400	ng	# 0.04
13) Acenaphthene-d10	14.147	164	2025	0.400	ng	0.02
19) Phenanthrene-d10	16.932	188	4883	0.400	ng	0.01
29) Chrysene-d12	21.125	240	5817	0.400	ng	0.00
35) Perylene-d12	23.285	264	7297	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	710m	0.322	ng	0.00
5) Phenol-d6	7.149	99	968m	0.320	ng	0.16
8) Nitrobenzene-d5	9.027	82	639m	0.267	ng	0.11
11) 2-Methylnaphthalene-d10	11.935	152	1104	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.728	330	249	0.330	ng	0.01
15) 2-Fluorobiphenyl	12.800	172	1740	0.251	ng	0.00
27) Fluoranthene-d10	18.955	212	3348	0.245	ng	0.00
31) Terphenyl-d14	19.545	244	2418	0.241	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	16.970	178	559	0.043	ng	99
28) Fluoranthene	18.987	202	1390	0.077	ng	95
30) Pyrene	19.359	202	1340	0.066	ng	# 92
32) Benzo(a)anthracene	21.125	228	670	0.040	ng	# 69
33) Chrysene	21.169	228	806	0.036	ng	# 78
37) Benzo(b)fluoranthene	22.660	252	1191	0.054	ng	# 4

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

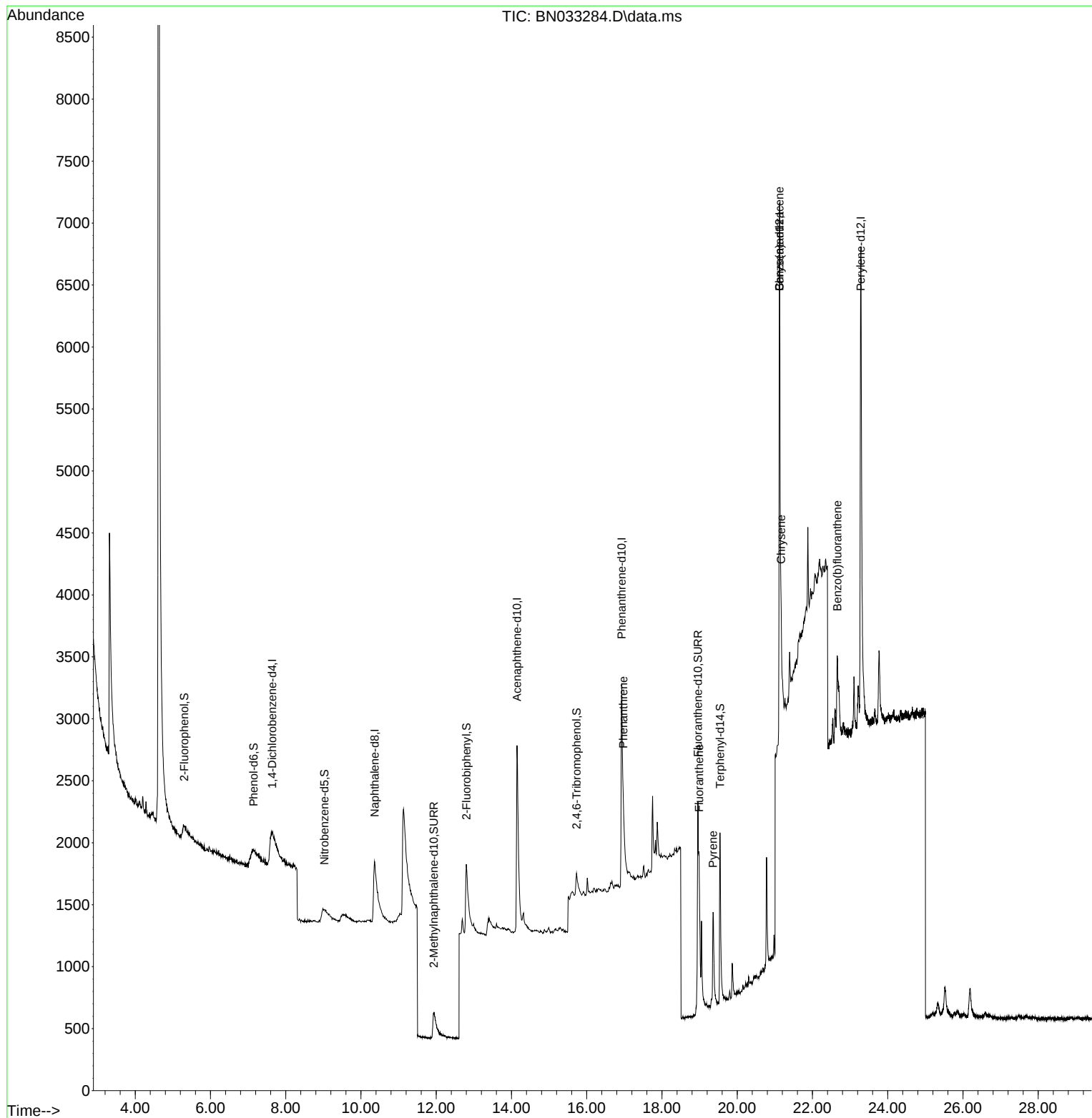
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033284.D
Acq On : 06 Aug 2024 21:40
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ALS Vial : 16 Sample Multiplier: 1

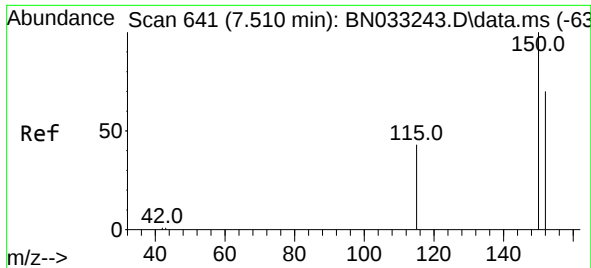
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01

Quant Time: Aug 07 02:05:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
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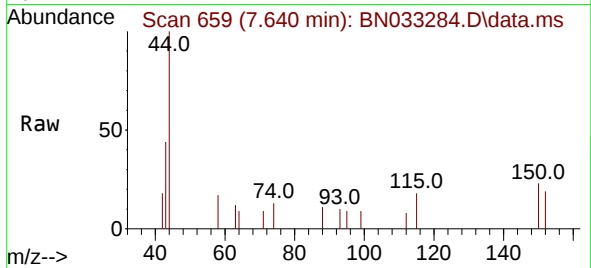
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.640 min Scan# 641
Delta R.T. 0.130 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

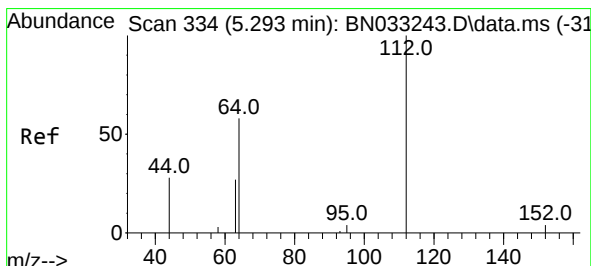
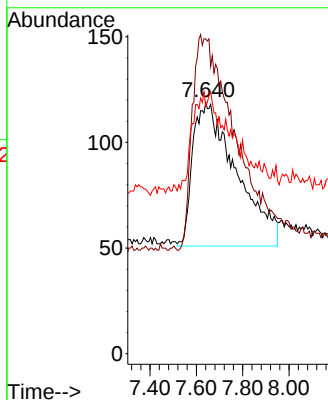
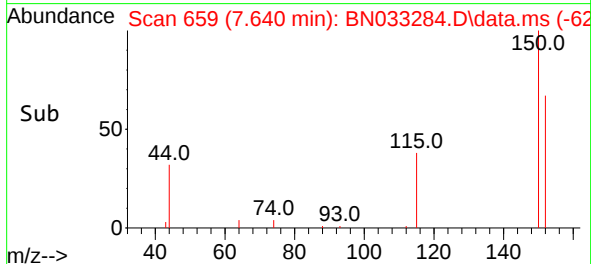
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01



Tgt Ion:152 Resp: 890
Ion Ratio Lower Upper
152 100
150 125.2 108.2 162.2
115 98.3 70.5 105.7

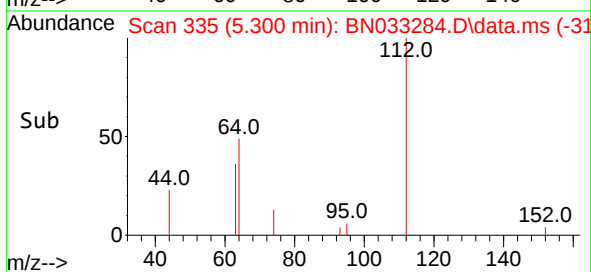
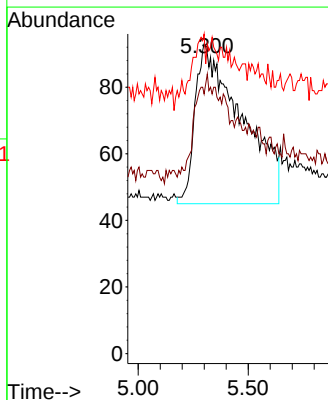
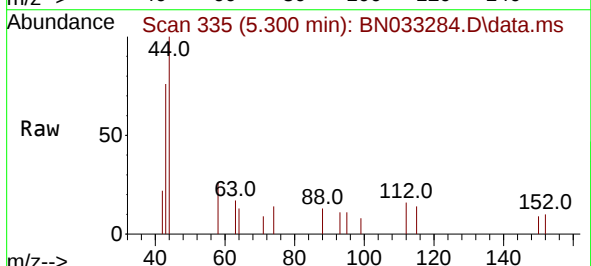
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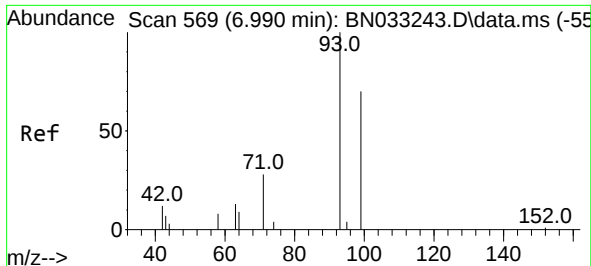
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#4
2-Fluorophenol
Concen: 0.322 ng m
RT: 5.300 min Scan# 335
Delta R.T. 0.007 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

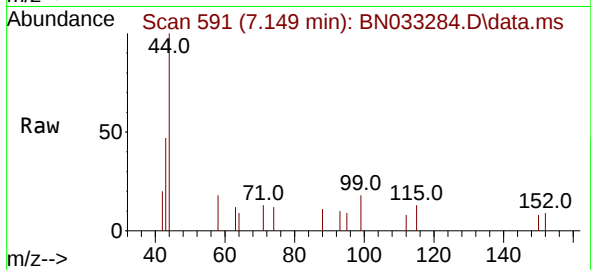
Tgt Ion:112 Resp: 710
Ion Ratio Lower Upper
112 100
64 3.2 18.0 27.0#
63 2.4 0.0 0.0#





#5
Phenol-d6
Concen: 0.320 ng m
RT: 7.149 min Scan# 569
Delta R.T. 0.159 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

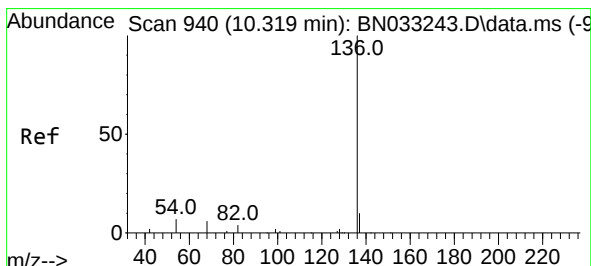
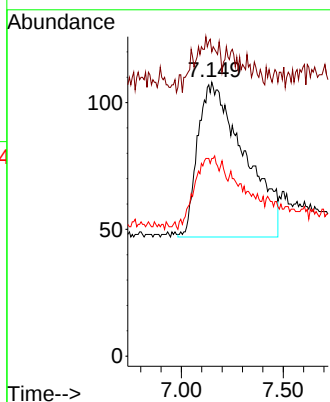
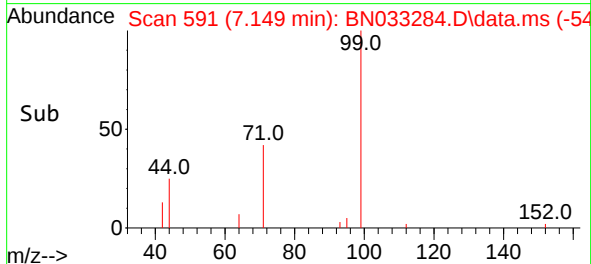
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BNA_N
ClientSampleId :
IDW-S1-01



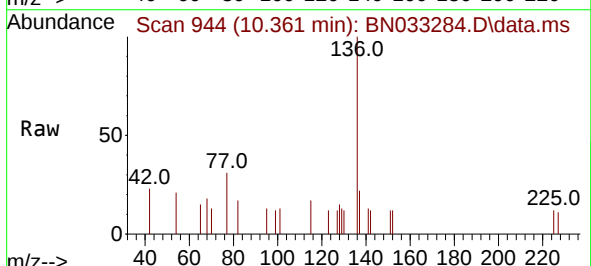
Tgt Ion: 99 Resp: 968
Ion Ratio Lower Upper
99 100
42 7.2 0.0 0.0
71 14.0 0.0 0.0

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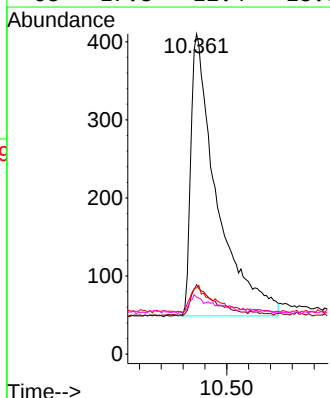
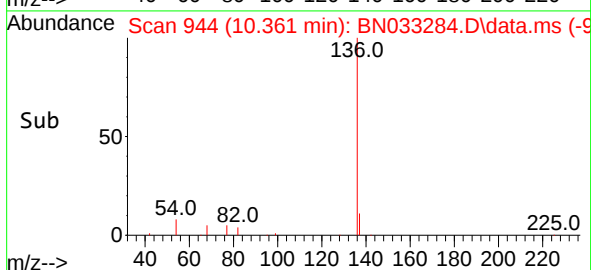
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

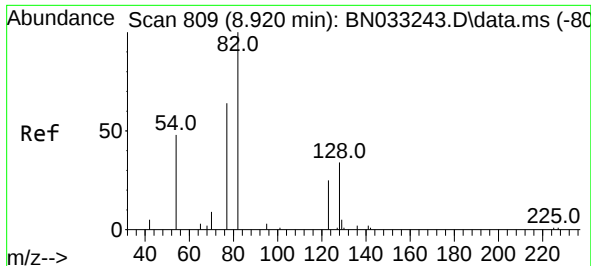


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.042 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40



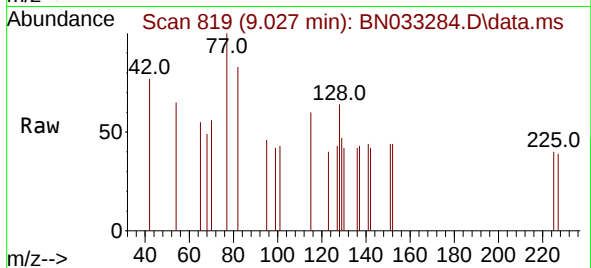
Tgt Ion:136 Resp: 2976
Ion Ratio Lower Upper
136 100
137 21.7 14.1 21.1
54 20.7 13.8 20.8
68 17.8 12.4 18.6





#8
Nitrobenzene-d5
Concen: 0.267 ng m
RT: 9.027 min Scan# 819
Delta R.T. 0.107 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

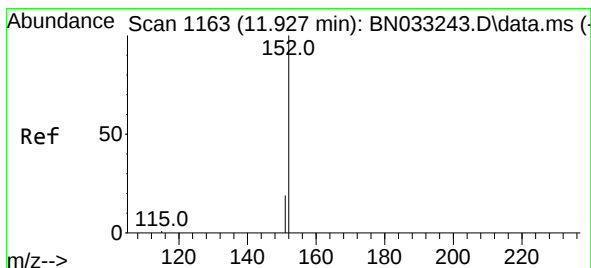
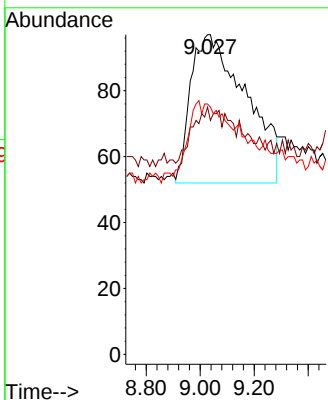
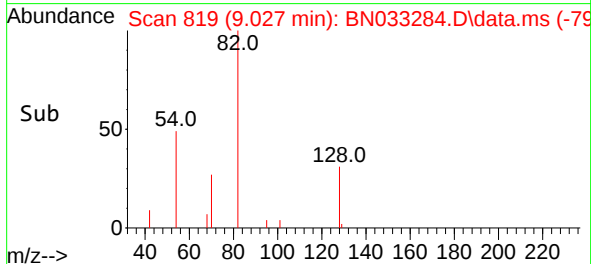
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01



Tgt Ion: 82 Resp: 639
Ion Ratio Lower Upper
82 100
128 77.3 54.8 82.2
54 78.4 55.9 83.9

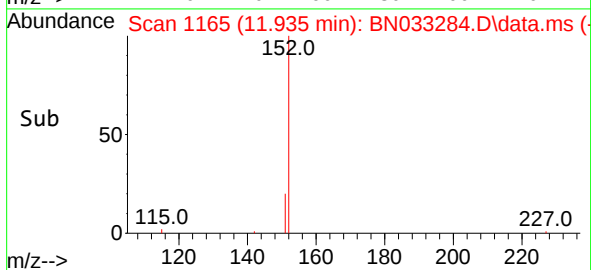
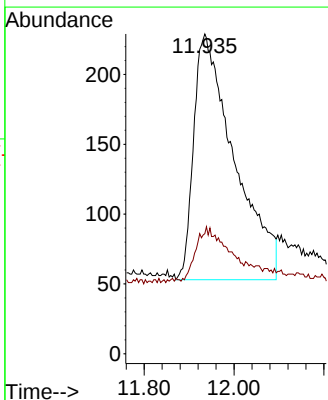
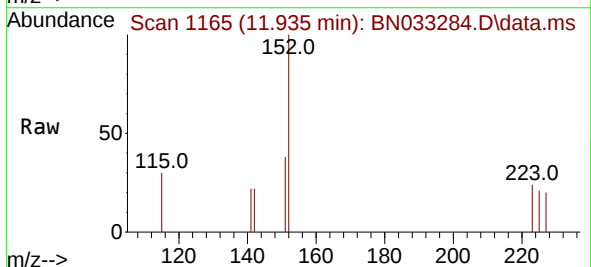
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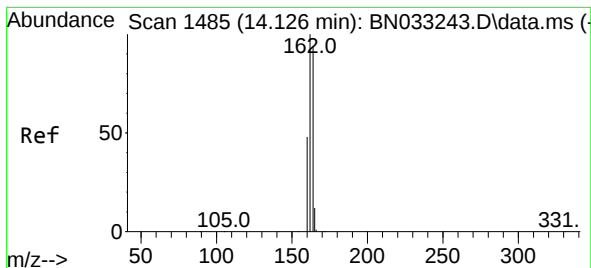
Reviewed By :Yogesh Patel 08/08/2024
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#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.008 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

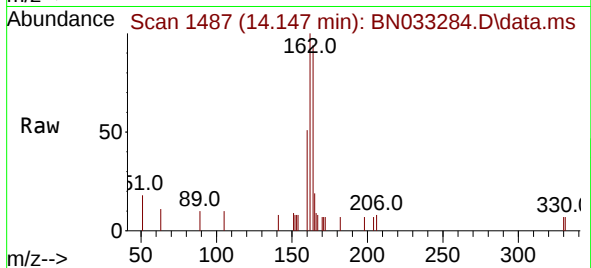
Tgt Ion:152 Resp: 1104
Ion Ratio Lower Upper
152 100
151 16.8 11.9 17.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.147 min Scan# 1485
Delta R.T. 0.021 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

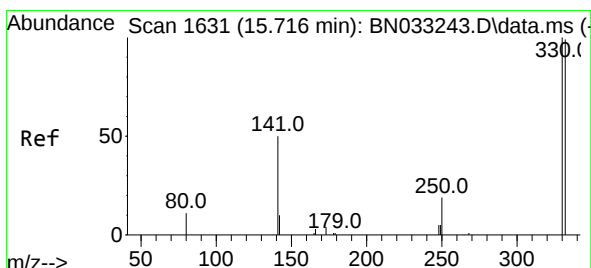
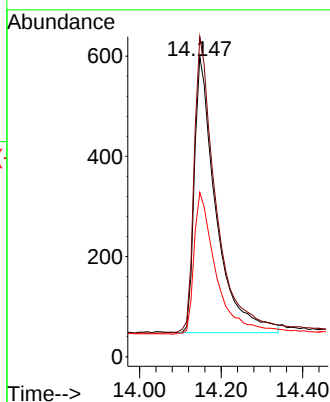
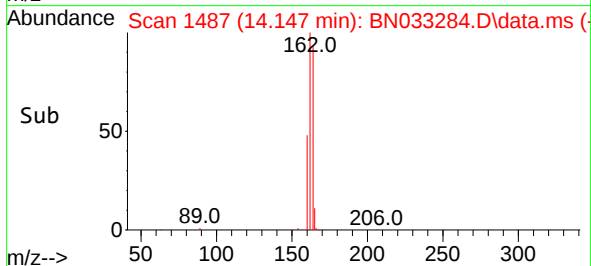
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01



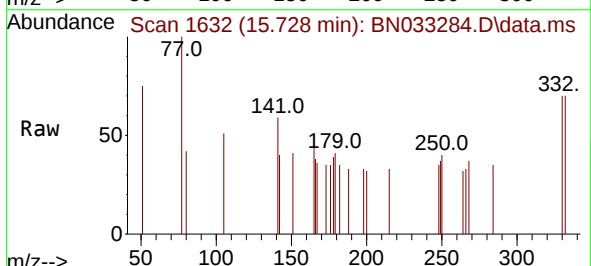
Tgt Ion:164 Resp: 202
Ion Ratio Lower Upper
164 100
162 106.7 84.6 127.0
160 54.8 42.4 63.6

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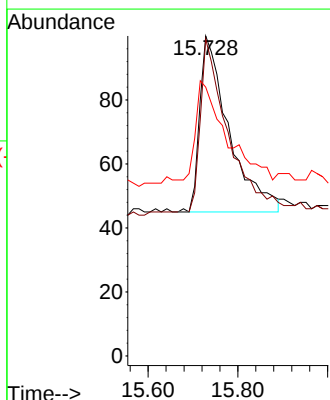
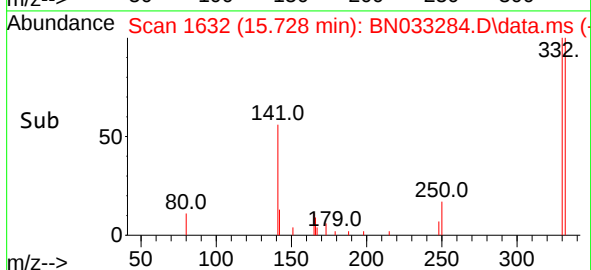
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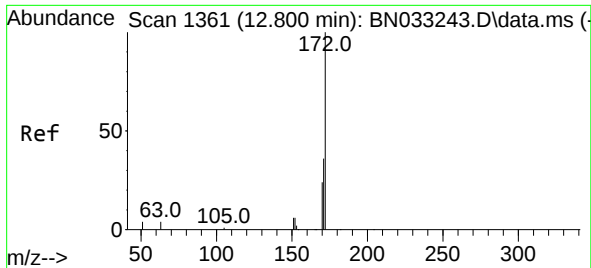


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.728 min Scan# 1632
Delta R.T. 0.012 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40



Tgt Ion:330 Resp: 249
Ion Ratio Lower Upper
330 100
332 92.0 73.7 110.5
141 57.0 44.8 67.2





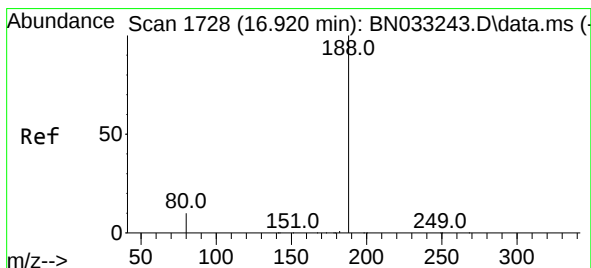
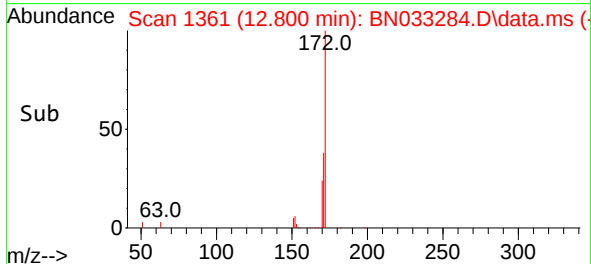
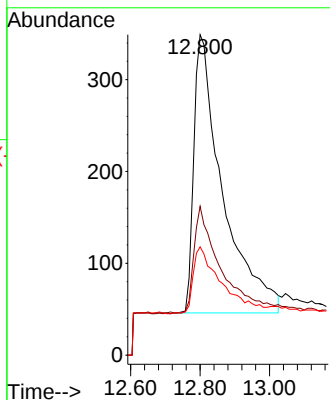
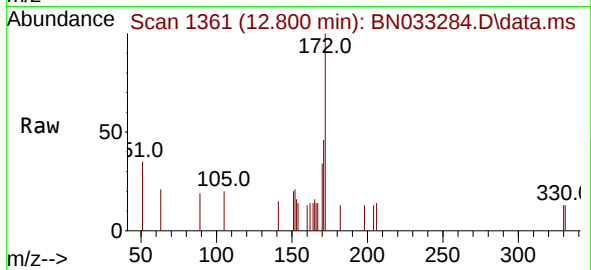
#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.800 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

Instrument :
BNA_N
ClientSampleId :
IDW-S1-01

Tgt Ion:172 Resp: 1740
Ion Ratio Lower Upper
172 100
171 46.4 32.3 48.5
170 33.8 23.4 35.2

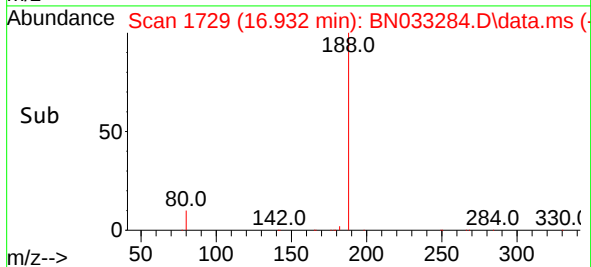
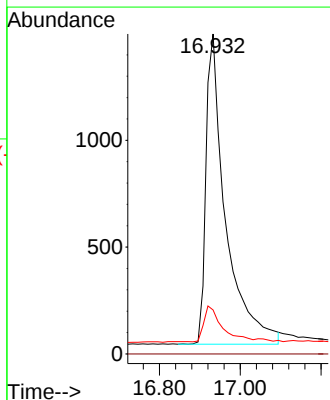
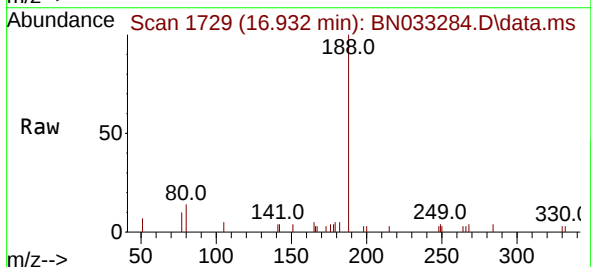
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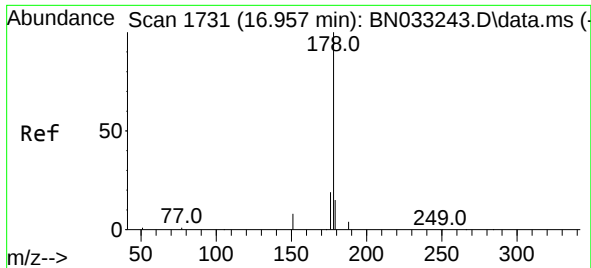
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.932 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

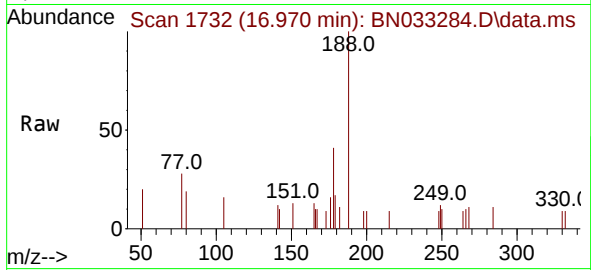
Tgt Ion:188 Resp: 4883
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 10.2 15.4





#25
Phenanthrene
Concen: 0.043 ng
RT: 16.970 min Scan# 1731
Delta R.T. 0.013 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

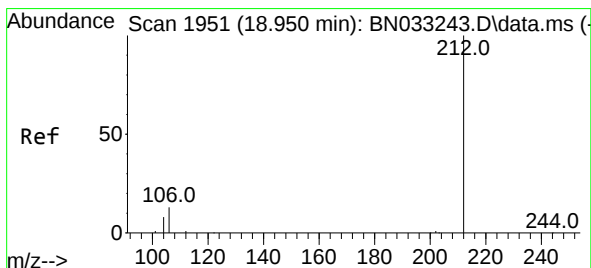
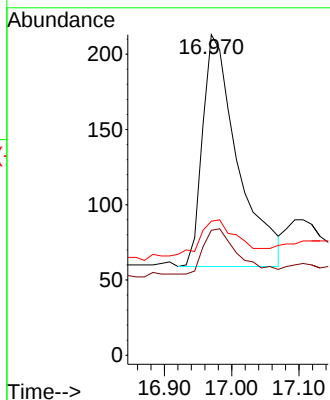
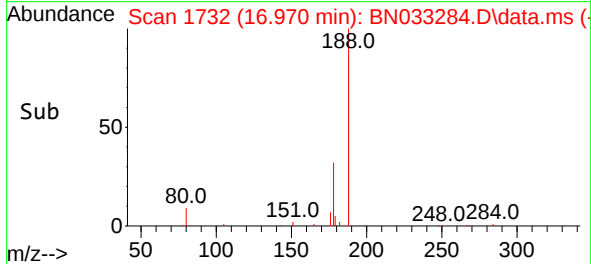
Instrument :
BNA_N
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IDW-S1-01



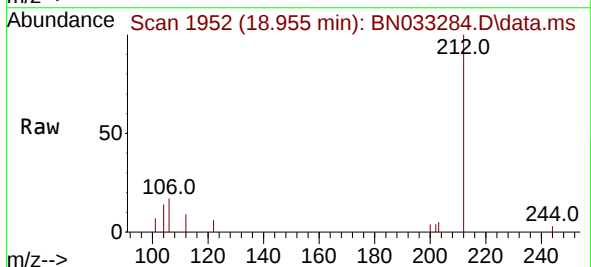
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178 100
176 19.1 15.7 23.5
179 16.1 12.4 18.6

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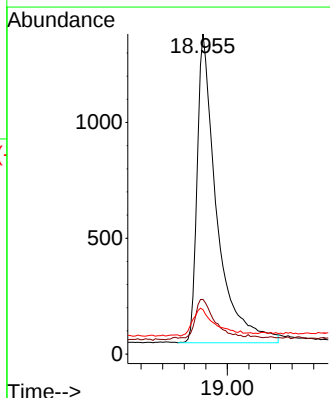
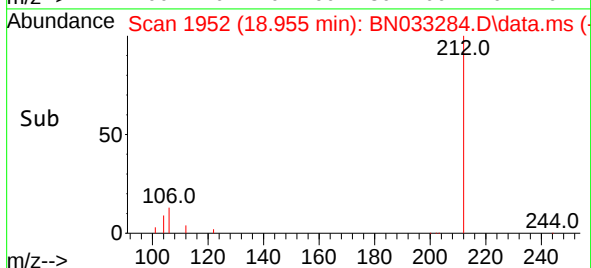
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

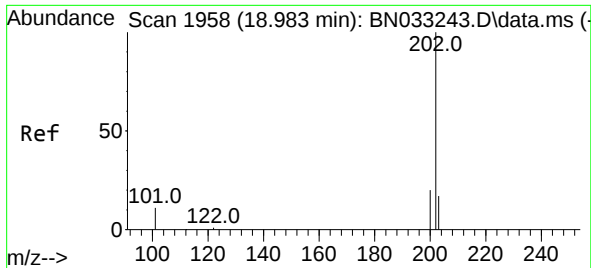


#27
Fluoranthene-d10
Concen: 0.245 ng
RT: 18.955 min Scan# 1952
Delta R.T. 0.005 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40



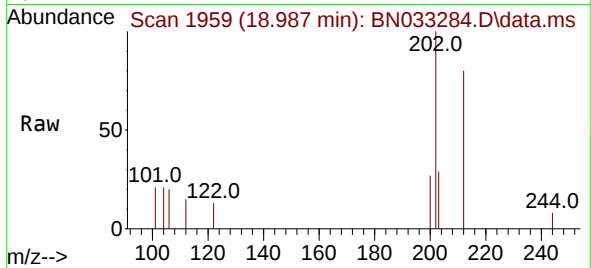
Tgt Ion:212 Resp: 3348
Ion Ratio Lower Upper
212 100
106 12.6 11.4 17.0
104 10.3 7.1 10.7





#28
Fluoranthene
Concen: 0.077 ng
RT: 18.987 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

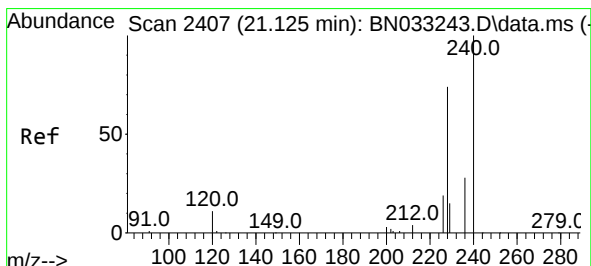
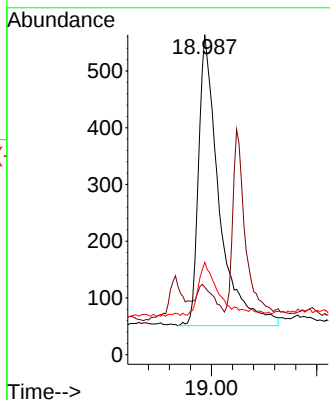
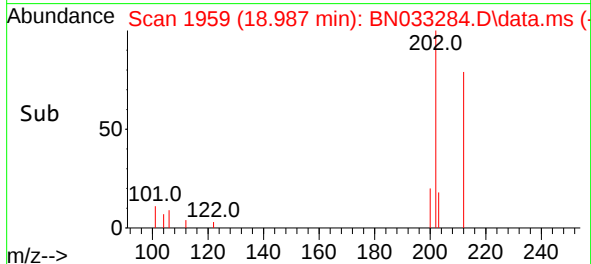
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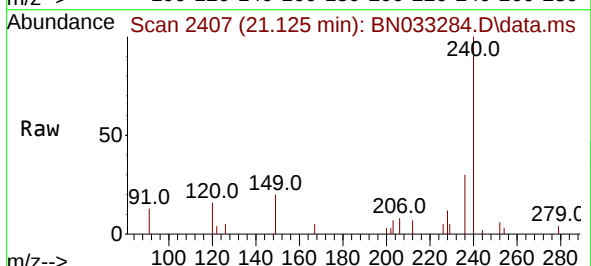
Tgt Ion:202 Resp: 1390
Ion Ratio Lower Upper
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203 15.4 13.8 20.8

Manual Integrations
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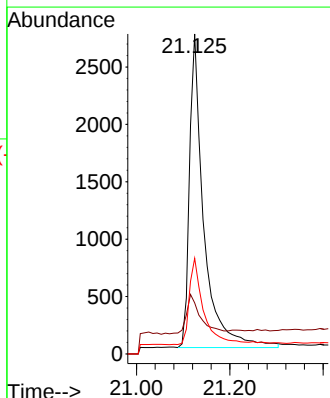
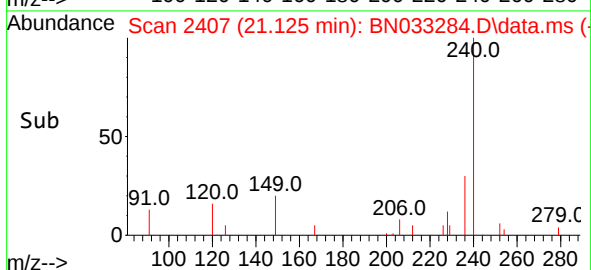
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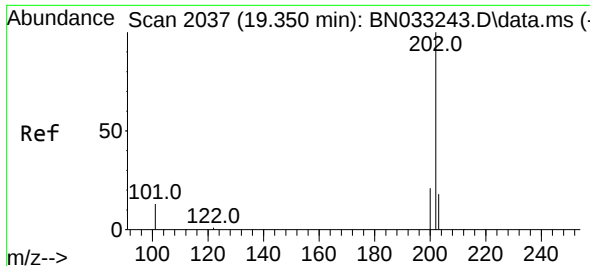


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40



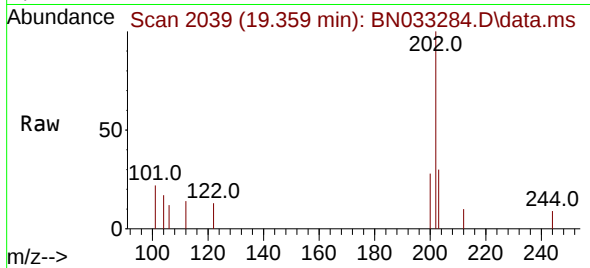
Tgt Ion:240 Resp: 5817
Ion Ratio Lower Upper
240 100
120 15.9 13.3 19.9
236 29.9 23.8 35.6





#30
Pyrene
Concen: 0.066 ng
RT: 19.359 min Scan# 2039
Delta R.T. 0.009 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

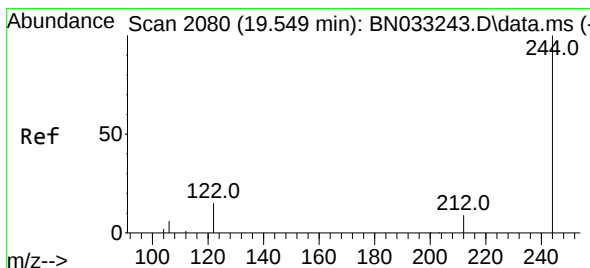
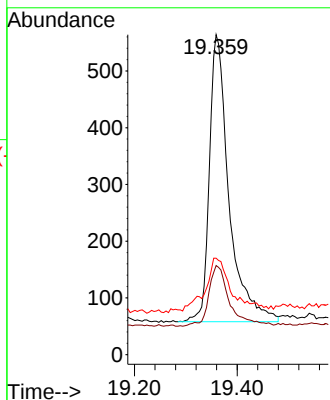
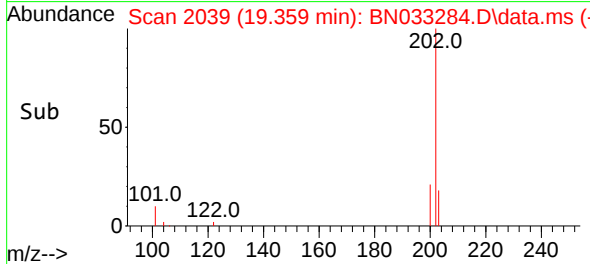
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01



Tgt Ion:202 Resp: 1340
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.4
203 24.7 14.4 21.6

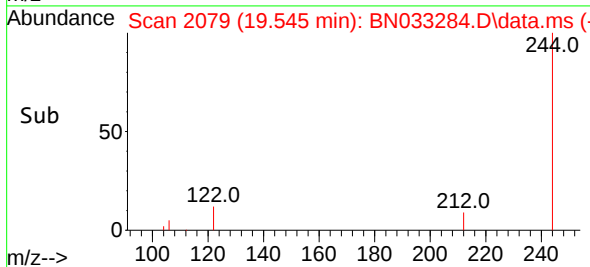
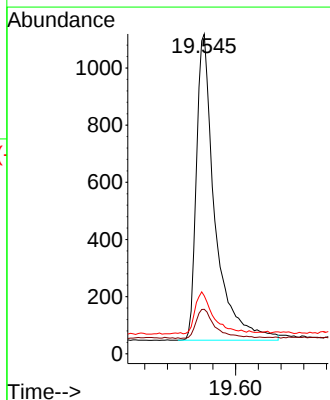
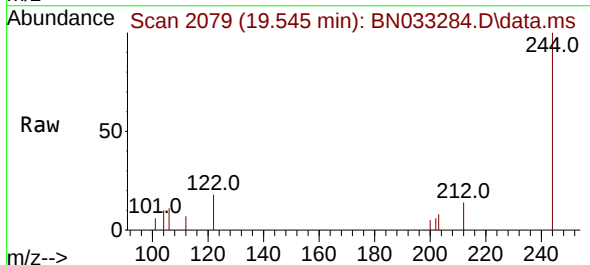
Manual Integrations
APPROVED

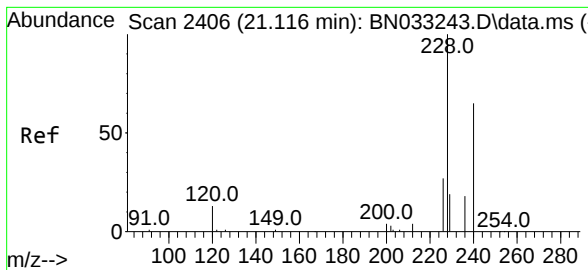
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#31
Terphenyl-d14
Concen: 0.241 ng
RT: 19.545 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

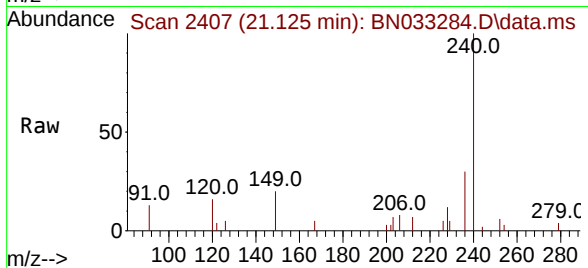
Tgt Ion:244 Resp: 2418
Ion Ratio Lower Upper
244 100
212 13.9 9.9 14.9
122 18.1 14.1 21.1





#32
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.125 min Scan# 2406
Delta R.T. 0.009 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

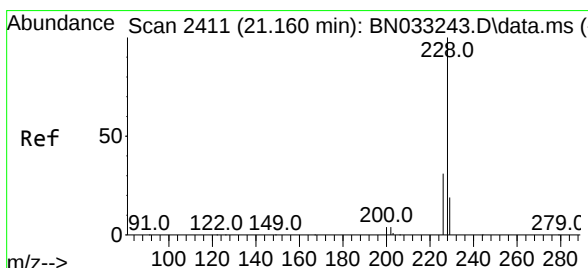
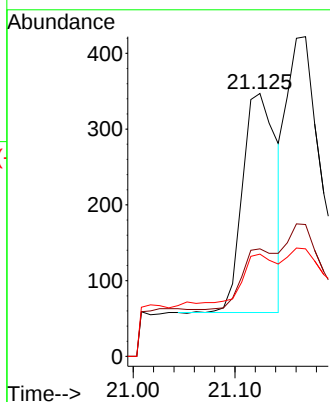
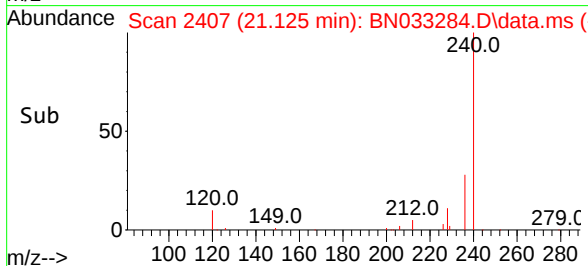
Instrument :
BNA_N
ClientSampleId :
IDW-S1-01



Tgt Ion:228 Resp: 670
Ion Ratio Lower Upper
228 100
226 40.9 22.4 33.6#
229 38.9 16.6 25.0#

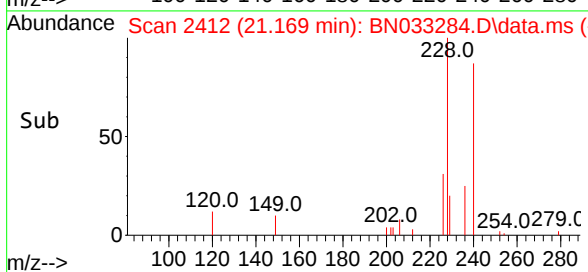
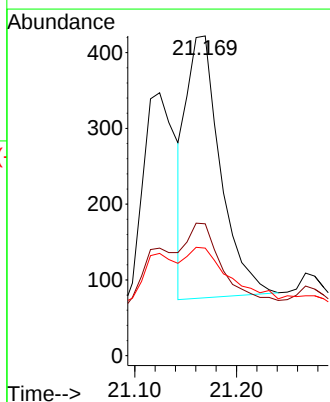
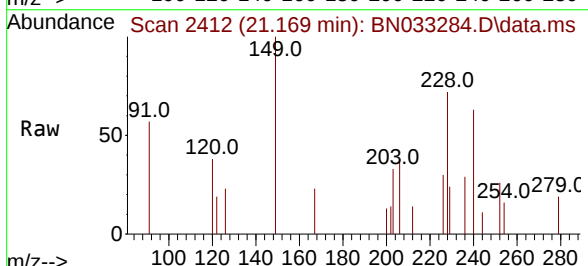
Manual Integrations
APPROVED

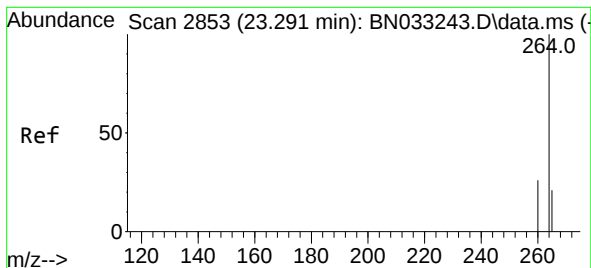
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#33
Chrysene
Concen: 0.036 ng
RT: 21.169 min Scan# 2412
Delta R.T. 0.009 min
Lab File: BN033284.D
Acq: 06 Aug 2024 21:40

Tgt Ion:228 Resp: 806
Ion Ratio Lower Upper
228 100
226 41.2 25.1 37.7#
229 33.6 16.2 24.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.285 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BN033284.D

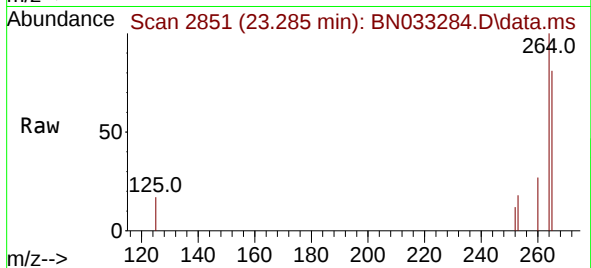
Acq: 06 Aug 2024 21:40

Instrument :

BNA_N

ClientSampleId :

IDW-S1-01



Tgt Ion:264 Resp: 729

Ion Ratio Lower Upper

264 100

260 27.0 21.4 32.2

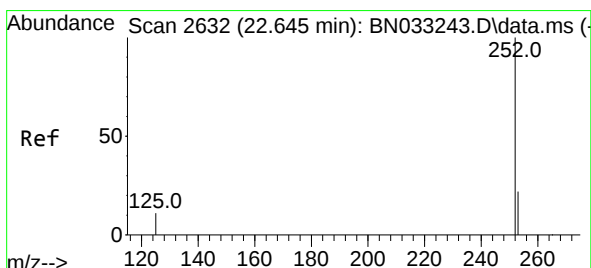
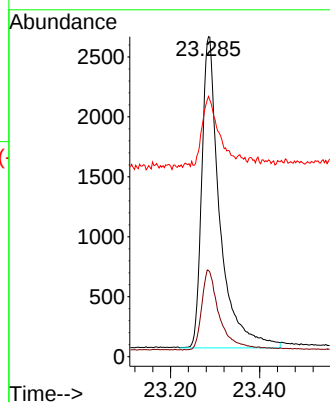
265 81.3 66.6 99.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#37

Benzo(b)fluoranthene

Concen: 0.054 ng

RT: 22.660 min Scan# 2637

Delta R.T. 0.015 min

Lab File: BN033284.D

Acq: 06 Aug 2024 21:40

Tgt Ion:252 Resp: 1191

Ion Ratio Lower Upper

252 100

253 70.9 23.3 34.9#

125 73.6 14.6 22.0#

