

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032584.D
 Acq On : 09 Jul 2024 12:50
 Operator : MA/JU
 Sample : P3127-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747

Quant Time: Jul 09 13:49:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4127	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	14100	0.400	ng	#-0.01
13) Acenaphthene-d10	14.231	164	4366	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	18683	0.400	ng	#-0.01
29) Chrysene-d12	21.211	240	8410	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	8	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2331	0.224	ng	0.00
5) Phenol-d6	6.866	99	1559m	0.117	ng	0.04
8) Nitrobenzene-d5	8.787	82	3033m	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	11.967	152	6255	0.281	ng	-0.02
14) 2,4,6-Tribromophenol	15.762	330	1367	0.691	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	11329	0.704	ng	-0.01
27) Fluoranthene-d10	19.040	212	11311	0.232	ng	0.00
31) Terphenyl-d14	19.634	244	14759	0.719	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	2628	0.484	ng	# 85
9) Naphthalene	10.421	128	1512	0.039	ng	# 62
18) Fluorene	15.300	166	346	0.020	ng	# 67
25) Phenanthrene	17.041	178	1141	0.022	ng	# 89
33) Chrysene	21.247	228	779	0.024	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.094	149	6016	0.318	ng	100

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

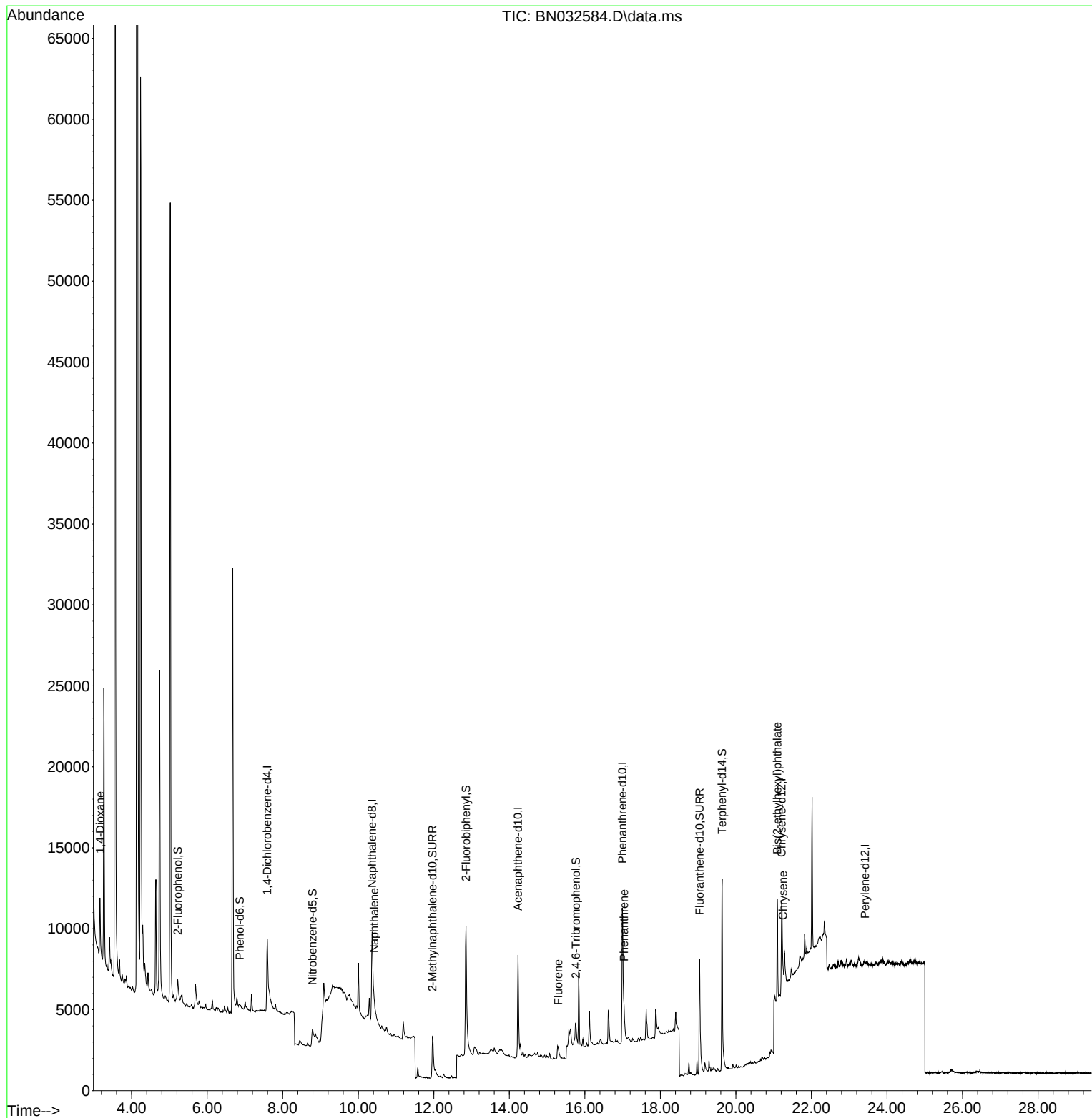
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032584.D
Acq On : 09 Jul 2024 12:50
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Misc :
ALS Vial : 40 Sample Multiplier: 1

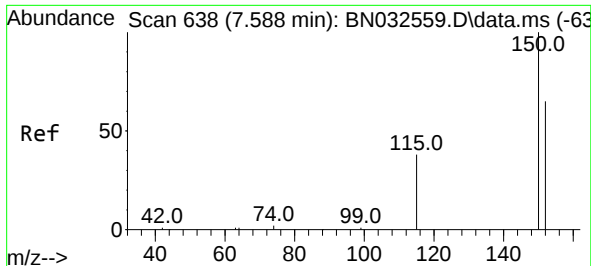
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747

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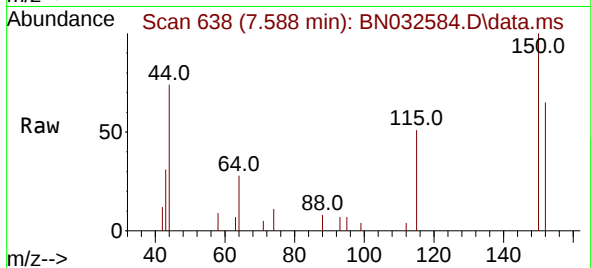
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

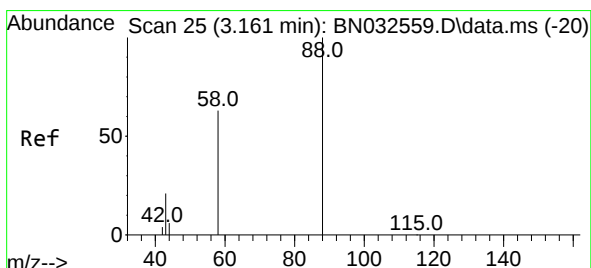
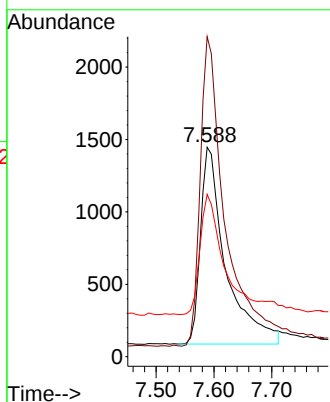
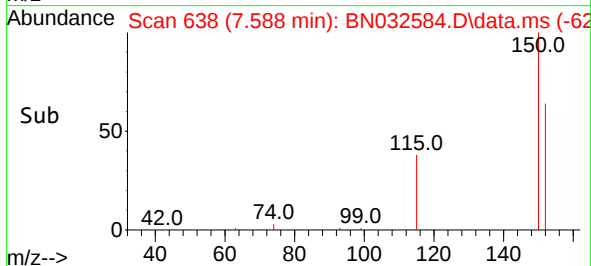
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747



Tgt Ion:152 Resp: 412
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.6 182.4
 115 77.5 53.1 79.7

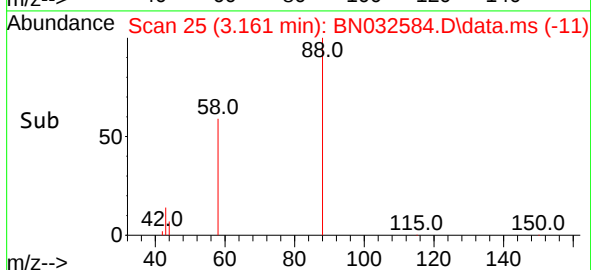
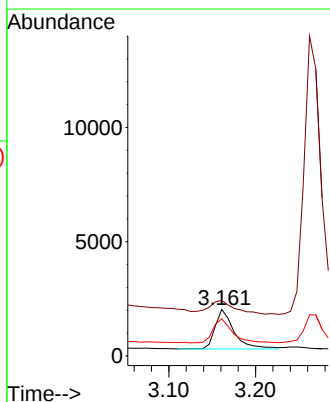
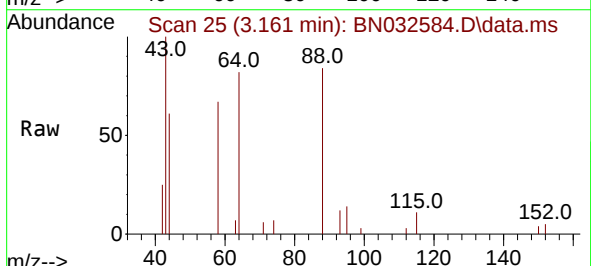
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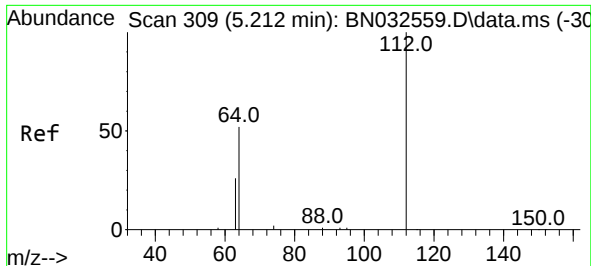
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 Supervised By :mohammad ahmed 07/11/2024



#2
 1,4-Dioxane
 Concen: 0.484 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Tgt Ion: 88 Resp: 2628
 Ion Ratio Lower Upper
 88 100
 43 48.7 20.4 30.6#
 58 61.6 51.0 76.6





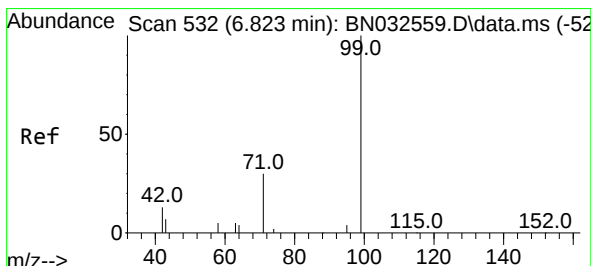
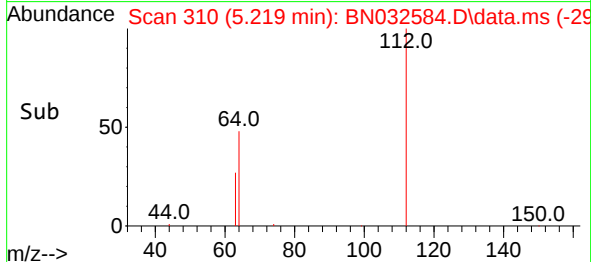
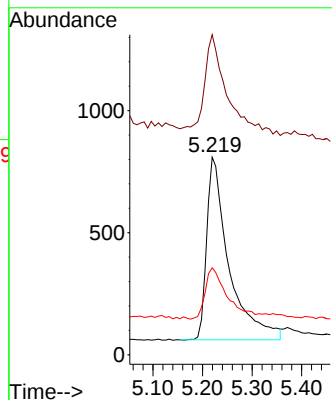
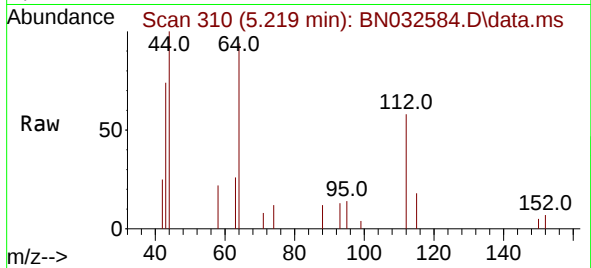
#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747

Tgt Ion: 112 Resp: 233
Ion Ratio Lower Upper
112 100
64 57.6 41.2 61.8
63 29.1 21.6 32.4

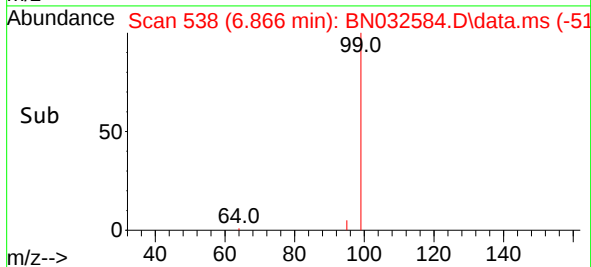
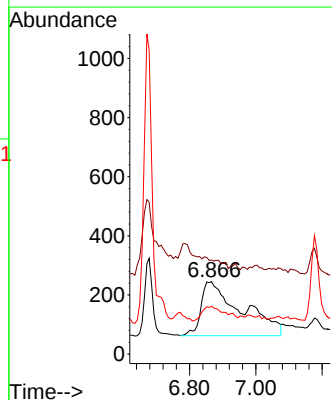
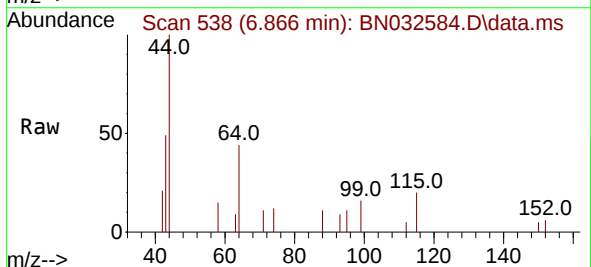
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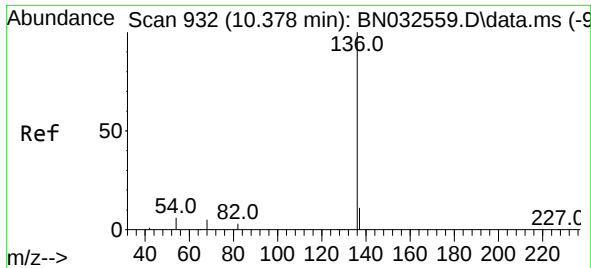
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Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.117 ng m
RT: 6.866 min Scan# 538
Delta R.T. 0.043 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

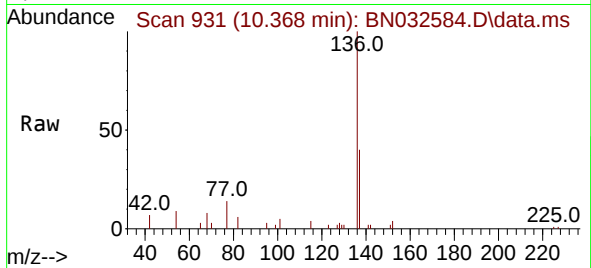
Tgt Ion: 99 Resp: 1559
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 15.3 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

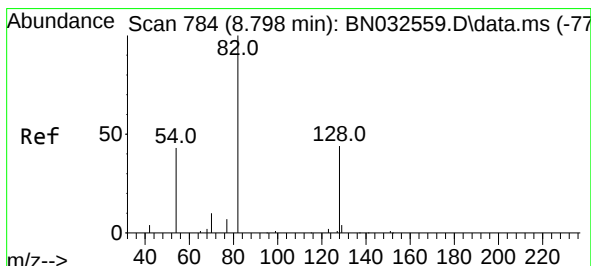
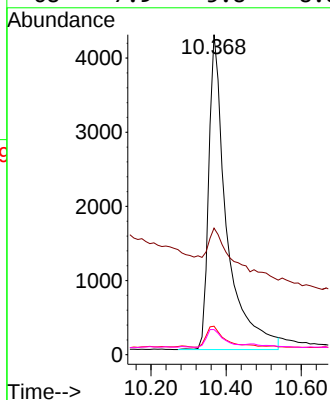
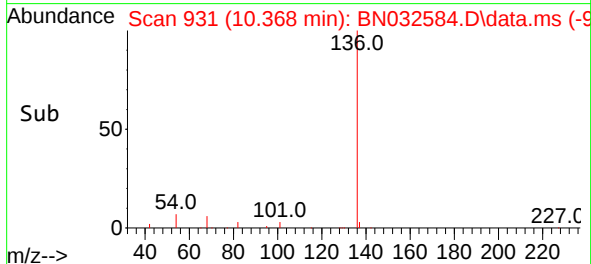
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747



Tgt Ion: 136 Resp: 14100
Ion Ratio Lower Upper
136 100
137 39.6 10.0 15.0
54 8.9 6.6 9.8
68 7.9 5.8 8.8

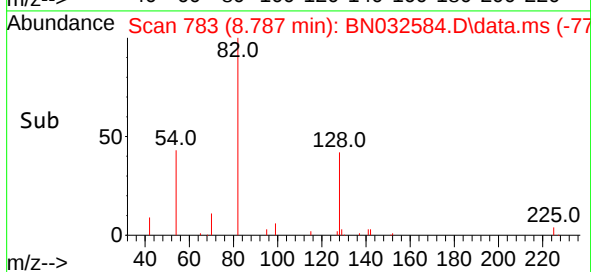
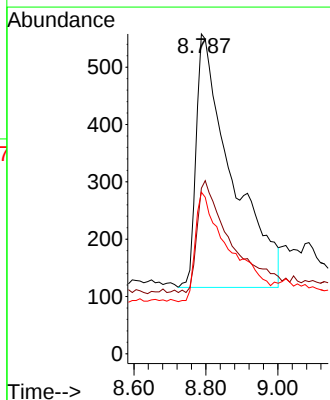
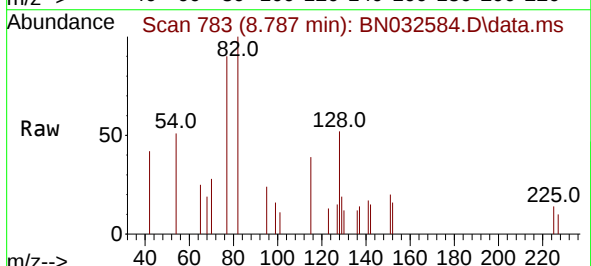
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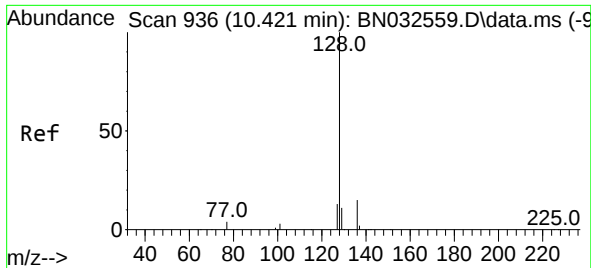
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Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.288 ng m
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

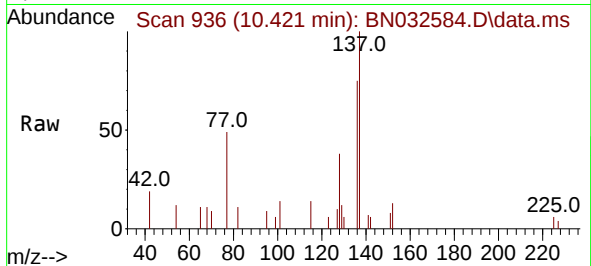
Tgt Ion: 82 Resp: 3033
Ion Ratio Lower Upper
82 100
128 51.8 43.4 65.2
54 50.5 40.2 60.2





#9
Naphthalene
Concen: 0.039 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

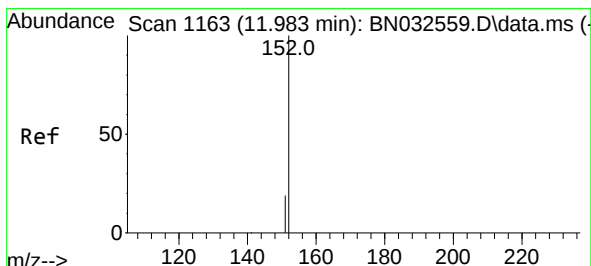
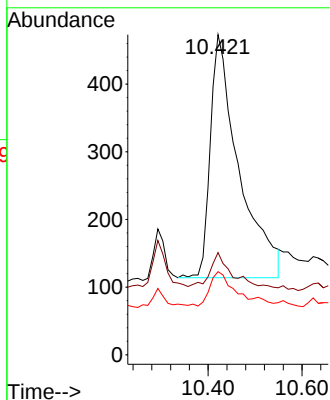
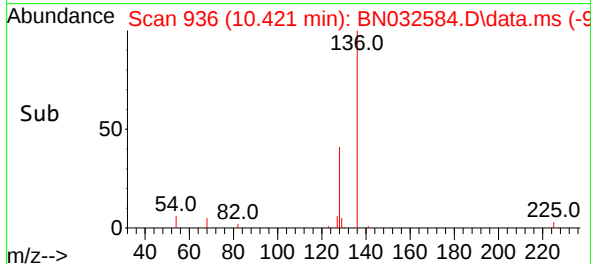
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747



Tgt Ion:128 Resp: 151
Ion Ratio Lower Upper
128 100
129 31.9 10.2 15.4
127 26.0 11.4 17.0

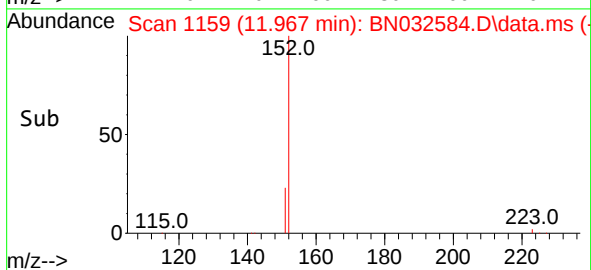
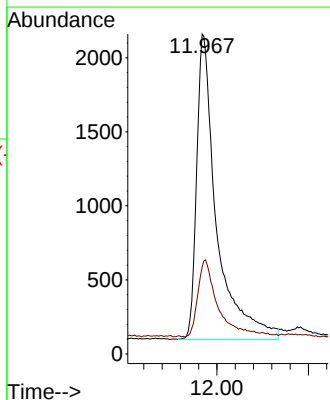
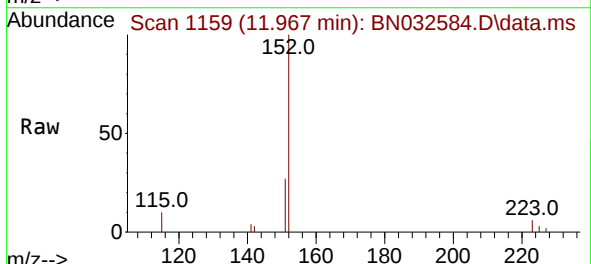
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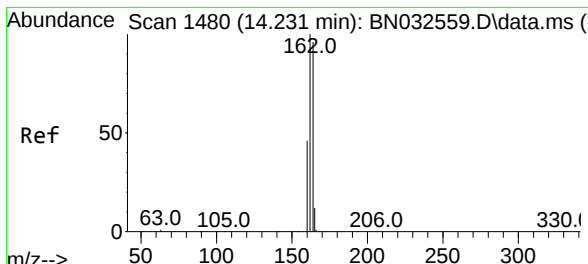
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Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 11.967 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion:152 Resp: 6255
Ion Ratio Lower Upper
152 100
151 25.3 16.4 24.6





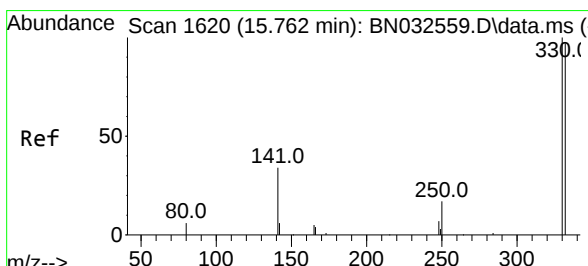
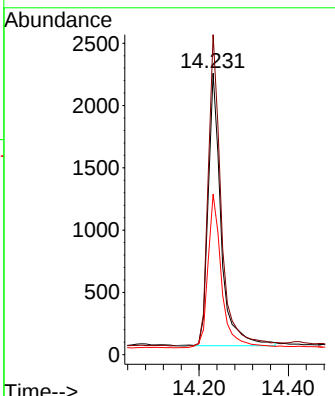
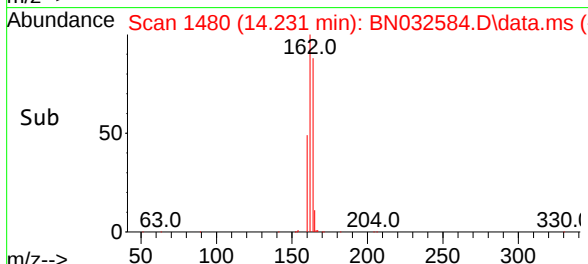
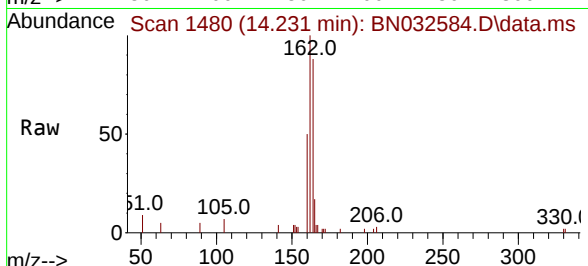
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.231 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Instrument : BNA_N
 ClientSampleId : BP-VPB-196-GW-745-747

Tgt Ion:	164	Resp:	436
Ion Ratio	Lower	Upper	
164	100		
162	113.7	83.2	124.8
160	57.1	38.6	57.8

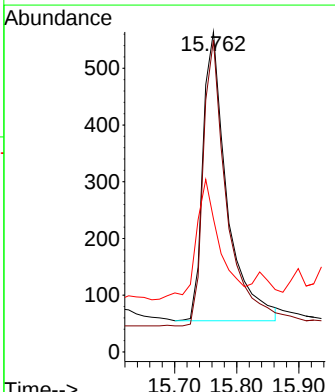
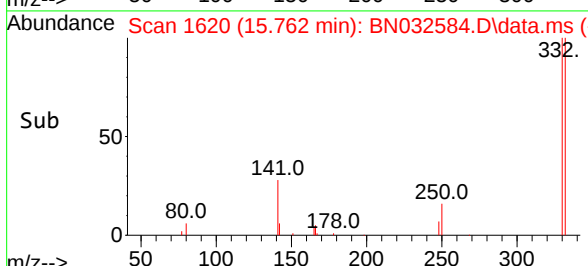
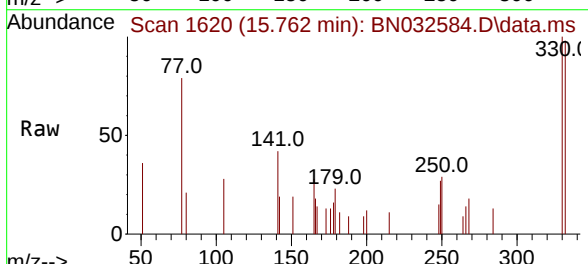
Manual Integrations
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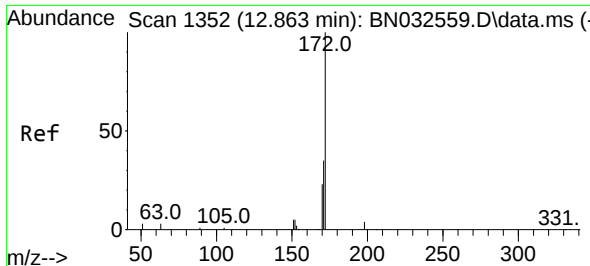
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 Supervised By :mohammad ahmed 07/11/2024



#14
 2,4,6-Tribromophenol
 Concen: 0.691 ng
 RT: 15.762 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

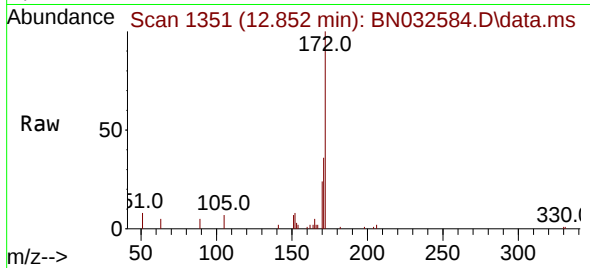
Tgt Ion:	330	Resp:	1367
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.7	116.5
141	36.4	31.8	47.8





#15
2-Fluorobiphenyl
Concen: 0.704 ng
RT: 12.852 min Scan# 11329
Delta R.T. -0.011 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

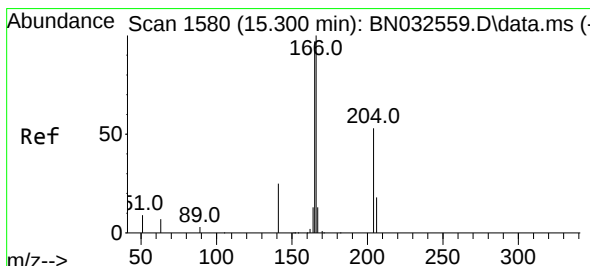
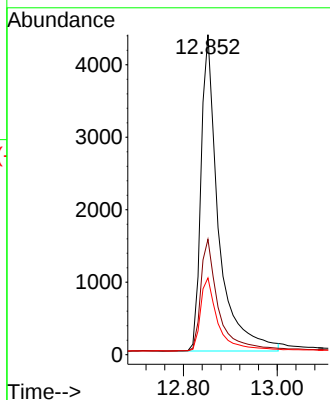
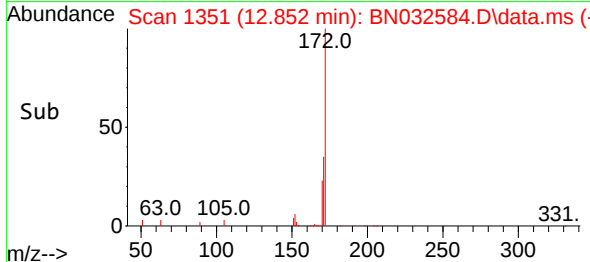
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747



Tgt Ion:172 Resp: 11329
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 19.2 28.8

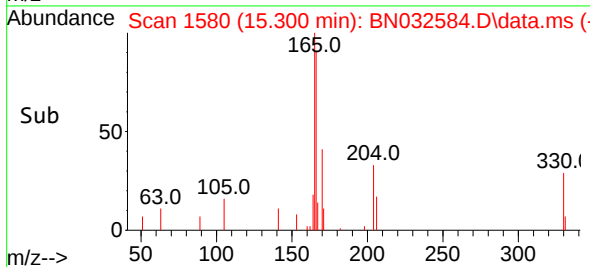
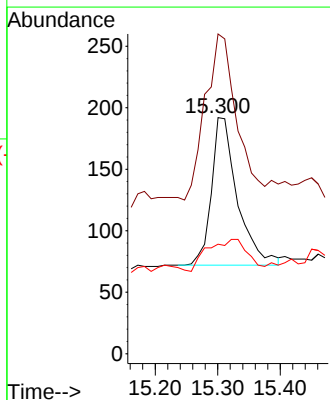
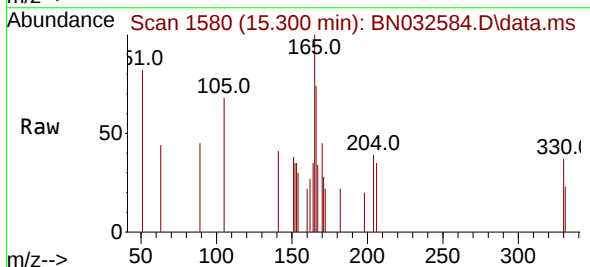
Manual Integrations
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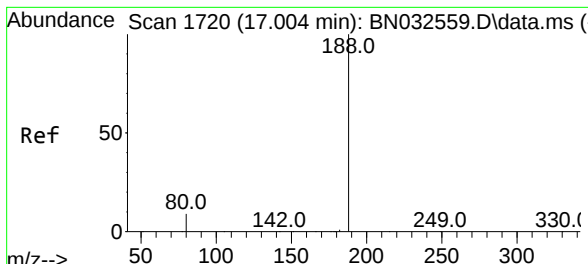
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#18
Fluorene
Concen: 0.020 ng
RT: 15.300 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion:166 Resp: 346
Ion Ratio Lower Upper
166 100
165 131.5 78.7 118.1#
167 0.0 10.7 16.1#





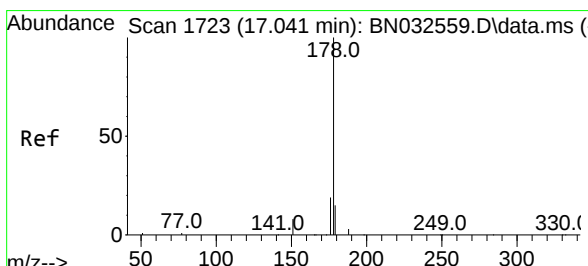
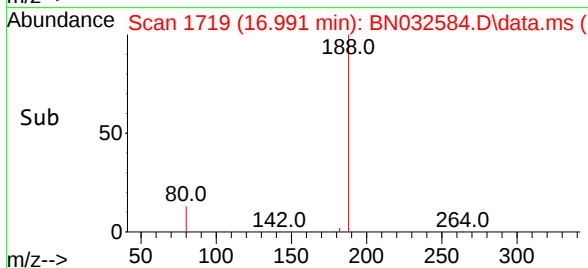
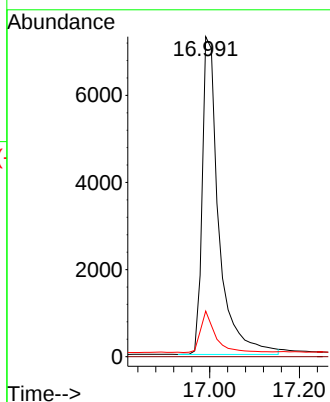
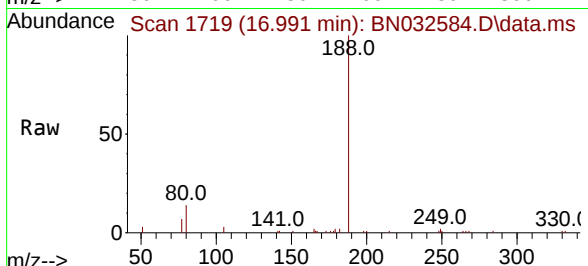
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument : BNA_N
ClientSampleId : BP-VPB-196-GW-745-747

Tgt Ion:188 Resp: 1868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.8 11.6

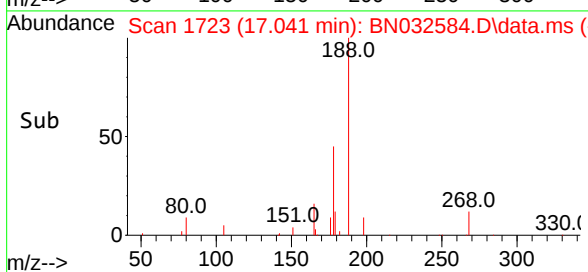
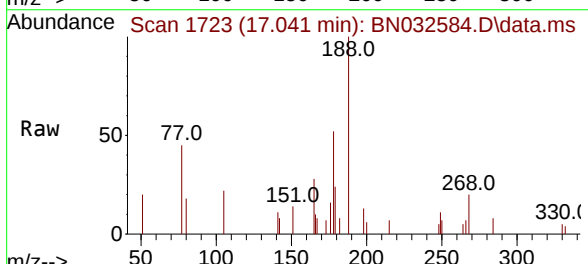
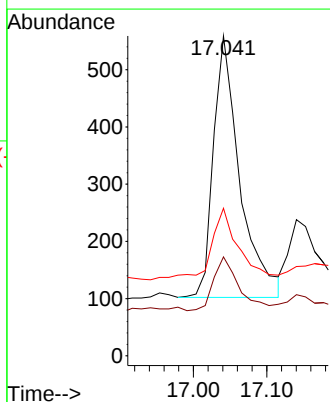
Manual Integrations
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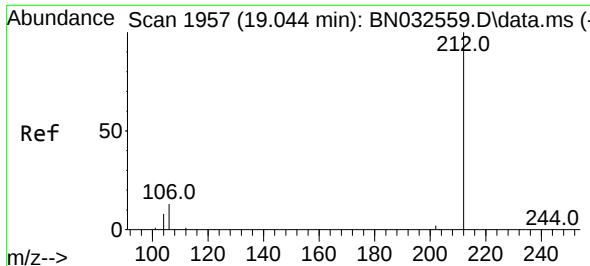
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Supervised By :mohammad ahmed 07/11/2024



#25
Phenanthrene
Concen: 0.022 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

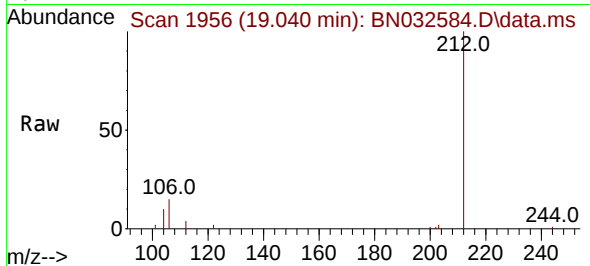
Tgt Ion:178 Resp: 1141
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 24.9 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.040 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

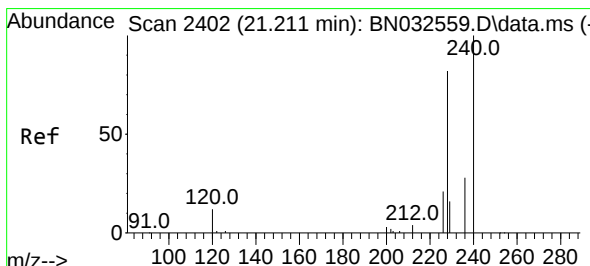
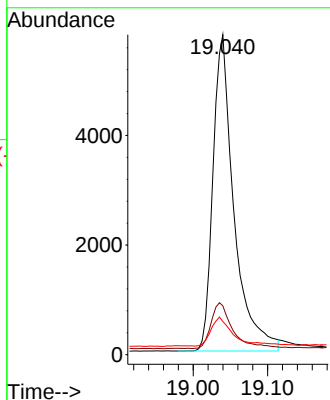
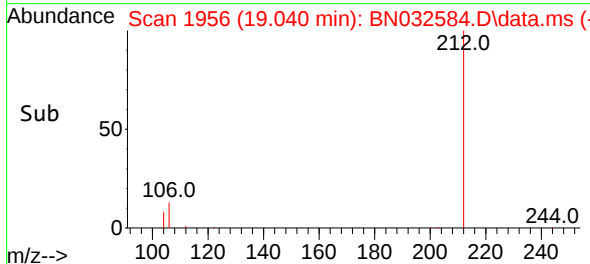
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-745-747



Tgt Ion:212 Resp: 1131
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.8
104 9.6 6.9 10.3

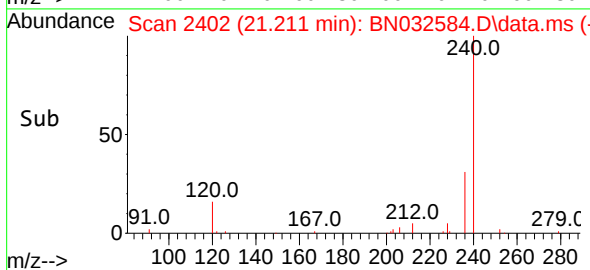
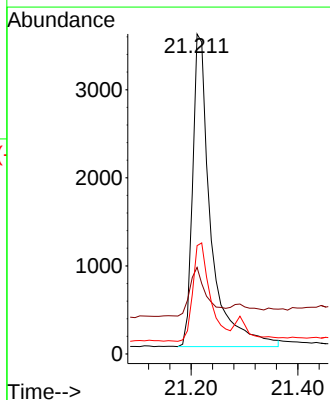
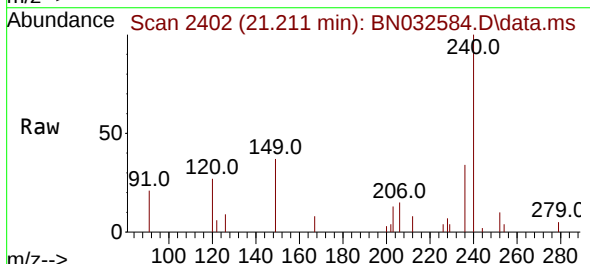
Manual Integrations
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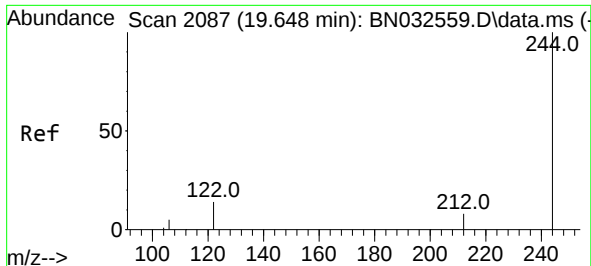
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

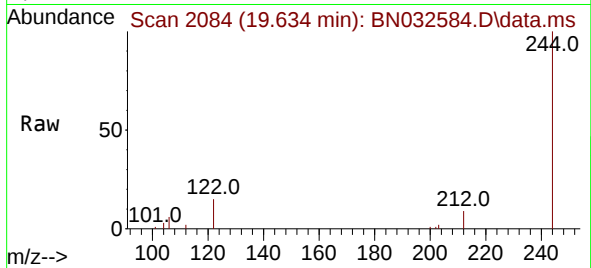
Tgt Ion:240 Resp: 8410
Ion Ratio Lower Upper
240 100
120 27.1 13.0 19.4#
236 33.9 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.719 ng
 RT: 19.634 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

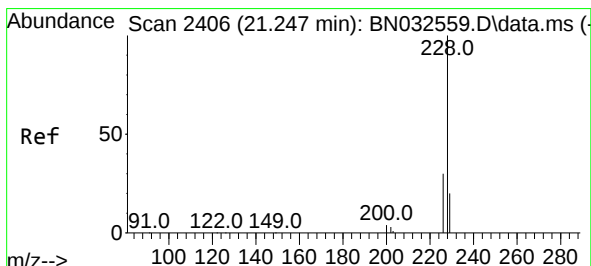
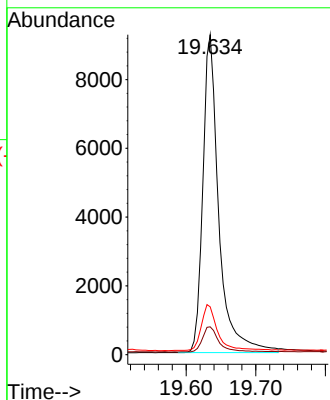
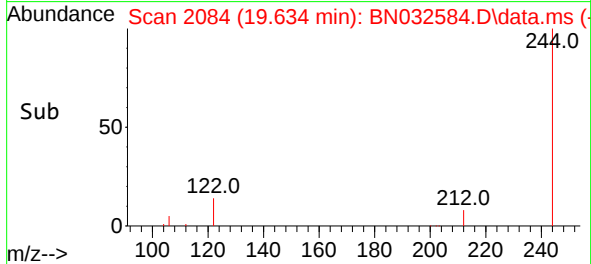
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-745-747



Tgt Ion:244 Resp: 14759
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.2 10.8
 122 14.9 12.1 18.1

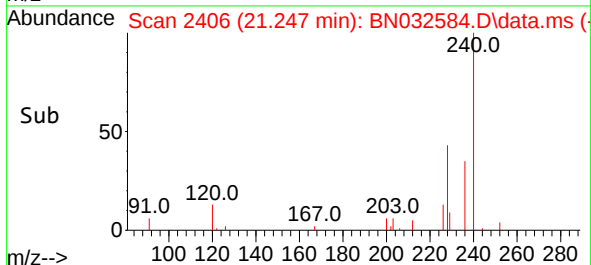
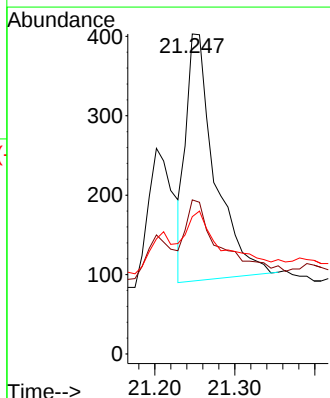
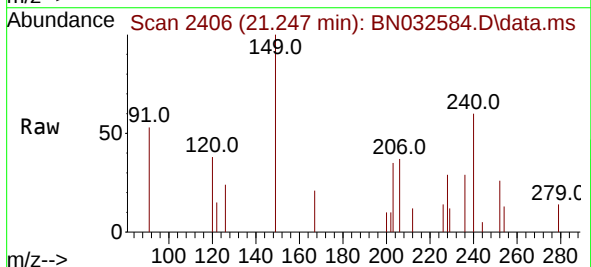
Manual Integrations
 APPROVED

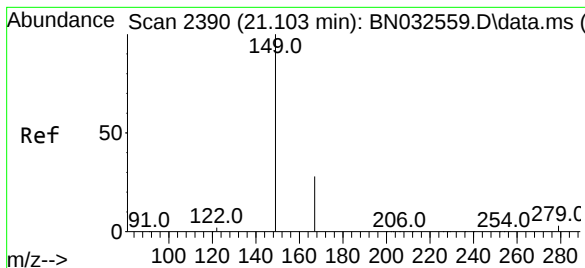
Reviewed By :Jagrut Upadhyay 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024



#33
 Chrysene
 Concen: 0.024 ng
 RT: 21.247 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Tgt Ion:228 Resp: 779
 Ion Ratio Lower Upper
 228 100
 226 48.1 24.1 36.1#
 229 42.9 16.1 24.1#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.318 ng

RT: 21.094 min Scan# 2109

Delta R.T. -0.009 min

Lab File: BN032584.D

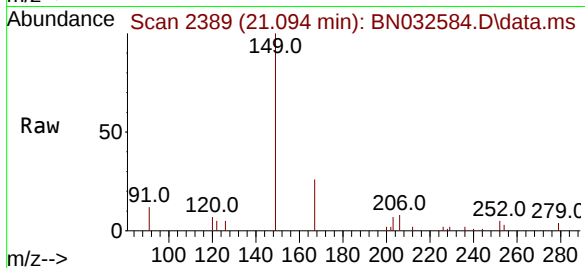
Acq: 09 Jul 2024 12:50

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-745-747



Tgt Ion:149 Resp: 6010

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

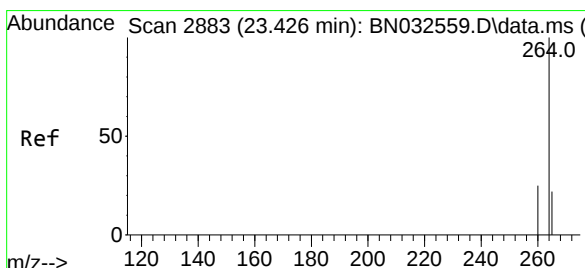
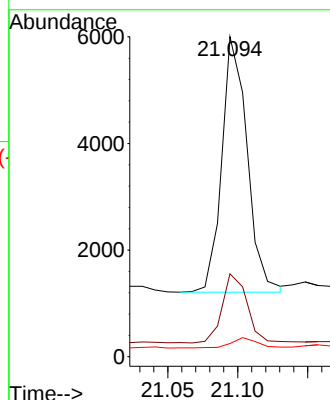
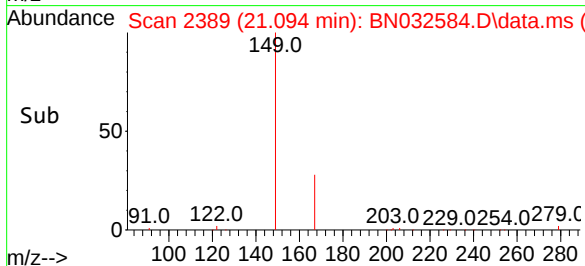
279 4.1 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024

Supervised By :mohammad ahmed 07/11/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.420 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

Tgt Ion:264 Resp: 8

Ion Ratio Lower Upper

264 100

260 66.9 21.0 31.6#

265 3404.4 76.6 115.0#

