

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032604.D
 Acq On : 10 Jul 2024 01:36
 Operator : MA/JU
 Sample : P3173-02RE
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240703RE

Quant Time: Jul 10 02:49:31 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 :Yogesh Patel 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	3596	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	11416	0.400	ng	# 0.00
13) Acenaphthene-d10	14.231	164	8400	0.400	ng	0.00
19) Phenanthrene-d10	17.016	188	18407	0.400	ng	0.01
29) Chrysene-d12	21.211	240	14458	0.400	ng	0.00
35) Perylene-d12	23.423	264	11819	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	956	0.105	ng	0.00
5) Phenol-d6	6.830	99	2	0.000	ng	0.00
8) Nitrobenzene-d5	8.830	82	3283m	0.385	ng	0.03
11) 2-Methylnaphthalene-d10	11.990	152	169	0.009	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1181	0.310	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	11265	0.364	ng	0.00
27) Fluoranthene-d10	19.040	212	16082	0.335	ng	0.00
31) Terphenyl-d14	19.635	244	17223	0.488	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.154	88	4446	0.939	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.086	149	2067	0.064	ng	97

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

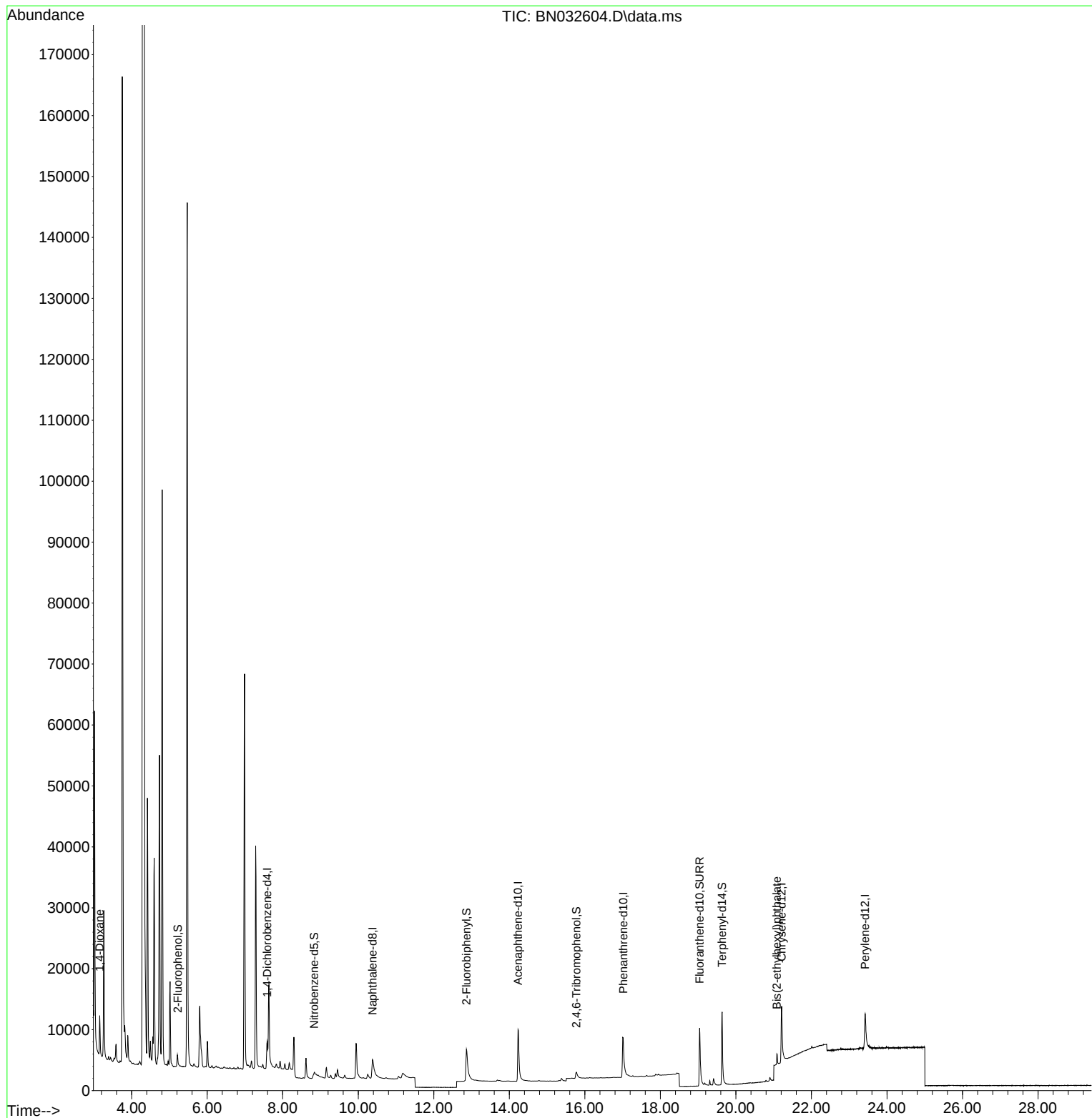
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032604.D
Acq On : 10 Jul 2024 01:36
Operator : MA/JU
Sample : P3173-02RE
Misc :
ALS Vial : 62 Sample Multiplier: 1

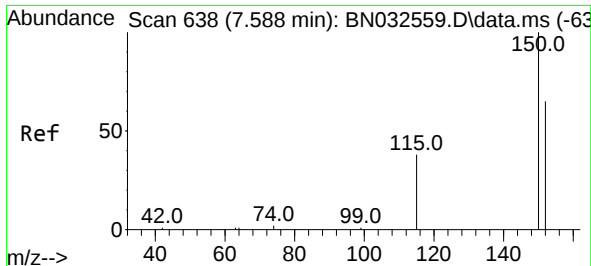
Instrument :
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Quant Time: Jul 10 02:49:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
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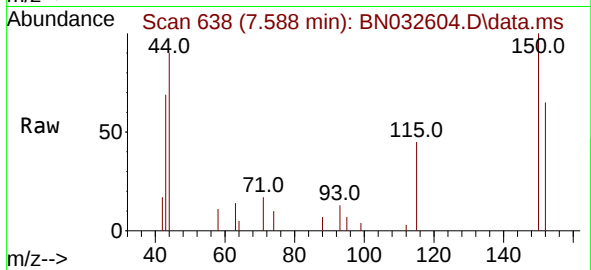
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032604.D
 Acq: 10 Jul 2024 01:36

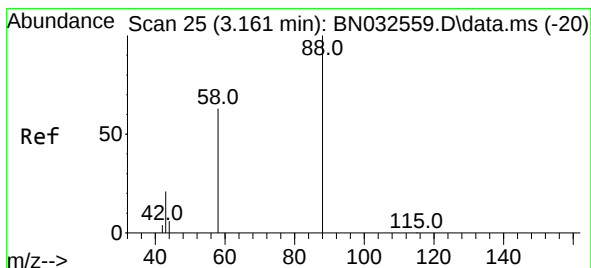
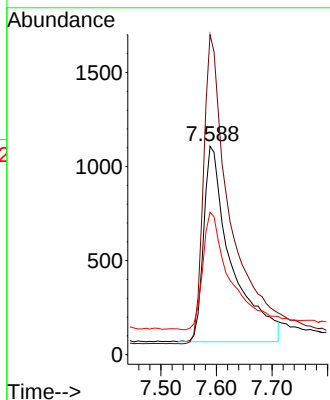
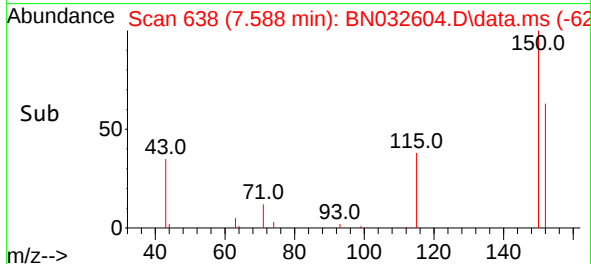
Instrument :
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 ClientSampleId :
 VPB189-HYD-20240703RE



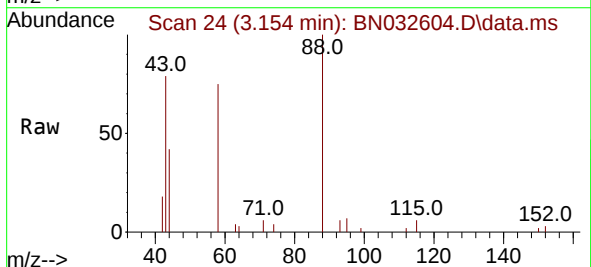
Tgt Ion:152 Resp: 3590
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.6 182.4
 115 68.3 53.1 79.7

Manual Integrations
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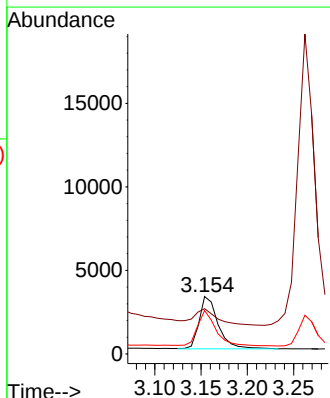
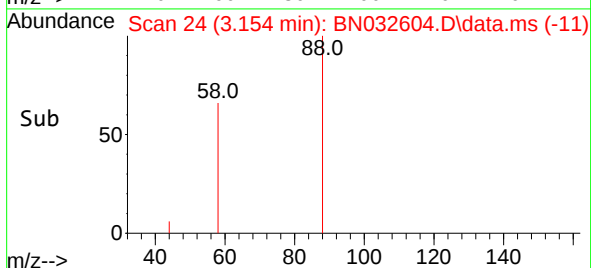
Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

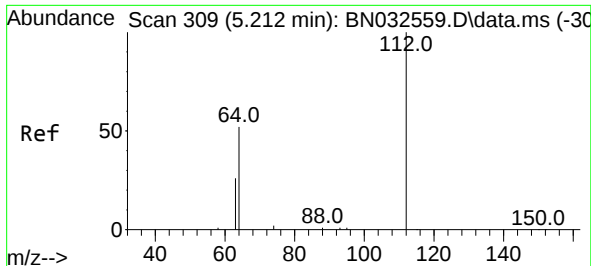


#2
 1,4-Dioxane
 Concen: 0.939 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN032604.D
 Acq: 10 Jul 2024 01:36



Tgt Ion: 88 Resp: 4446
 Ion Ratio Lower Upper
 88 100
 43 36.7 20.4 30.6#
 58 64.9 51.0 76.6





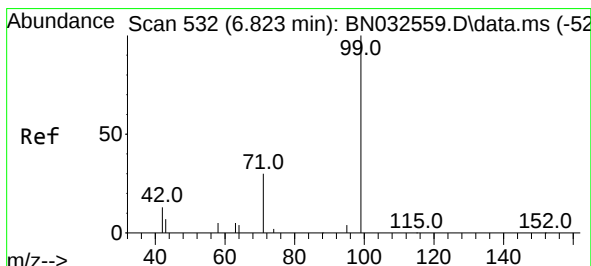
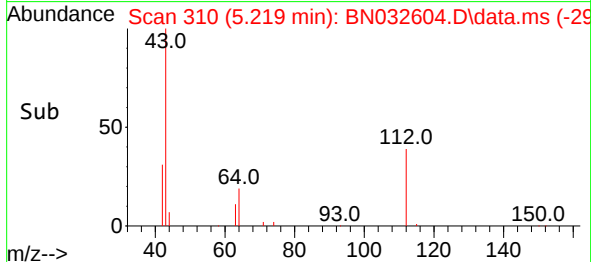
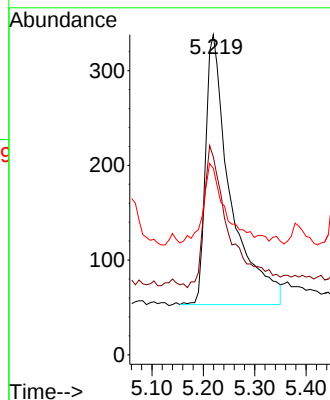
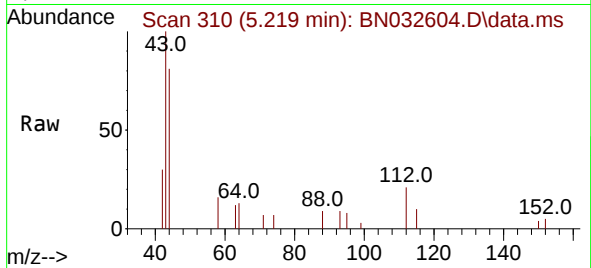
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240703RE

Tgt Ion: 112 Resp: 950
Ion Ratio Lower Upper
112 100
64 54.0 41.2 61.8
63 26.8 21.6 32.4

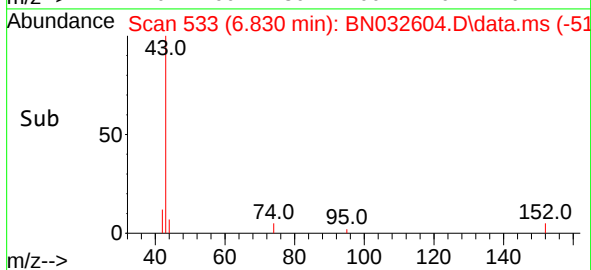
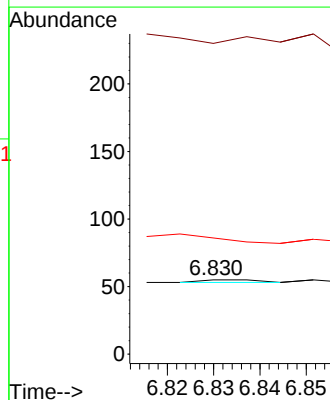
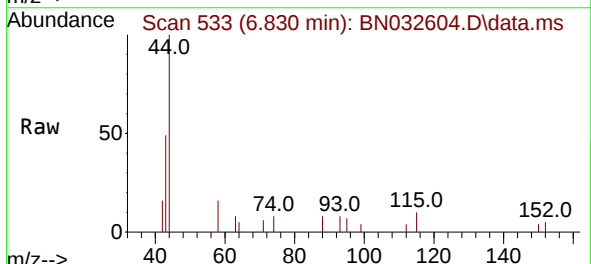
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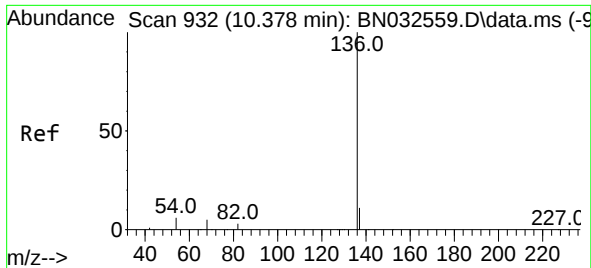
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.007 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

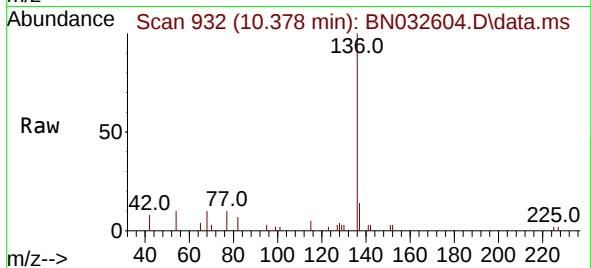
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

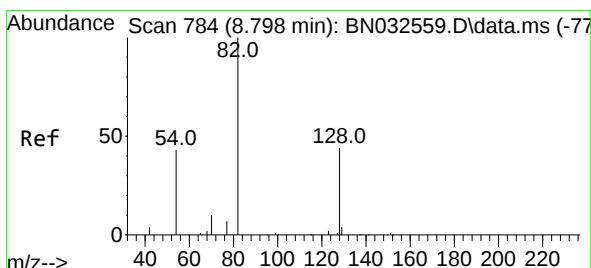
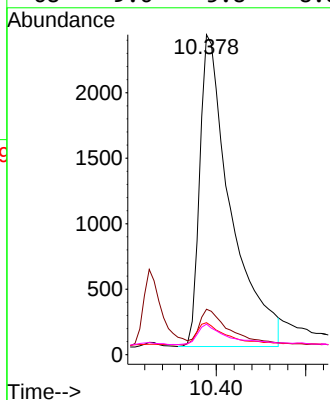
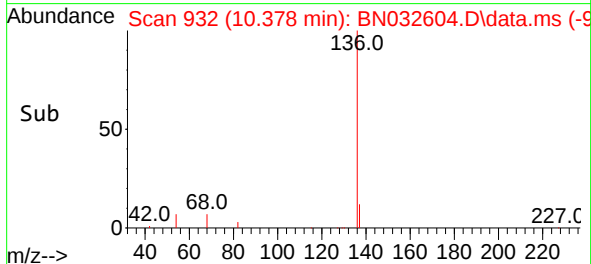
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ClientSampleId :
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Tgt Ion:136 Resp: 11410
Ion Ratio Lower Upper
136 100
137 14.2 10.0 15.0
54 10.0 6.6 9.8
68 9.6 5.8 8.8

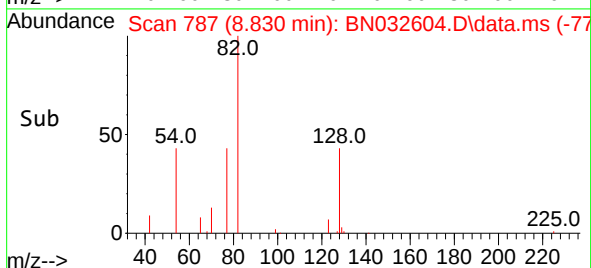
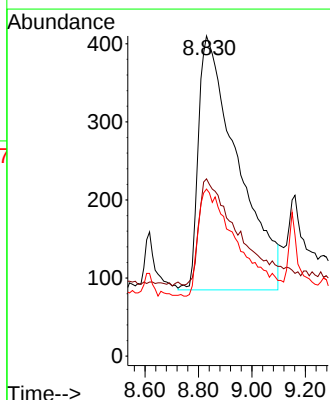
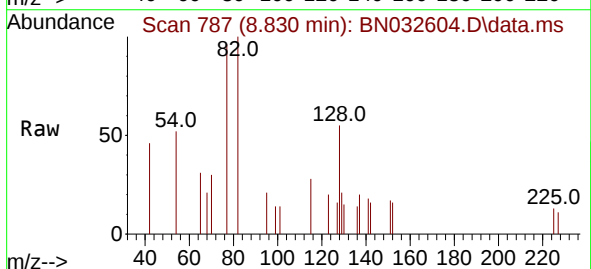
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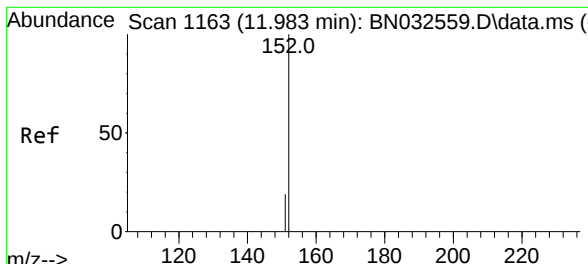
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.385 ng m
RT: 8.830 min Scan# 787
Delta R.T. 0.032 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

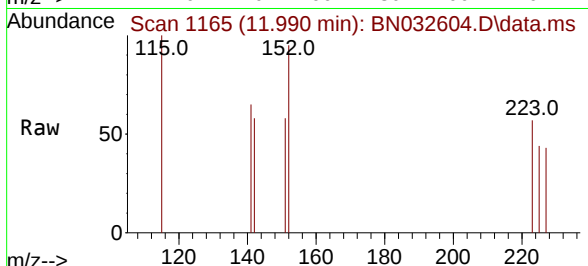
Tgt Ion: 82 Resp: 3283
Ion Ratio Lower Upper
82 100
128 55.4 43.4 65.2
54 52.2 40.2 60.2





#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 11.990 min Scan# 1165
Delta R.T. 0.008 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

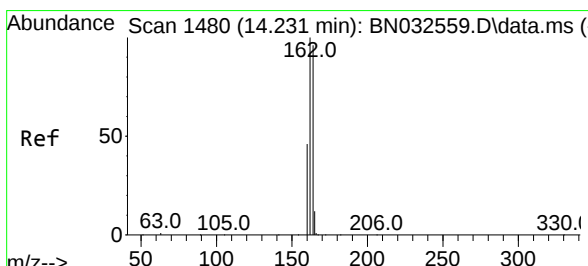
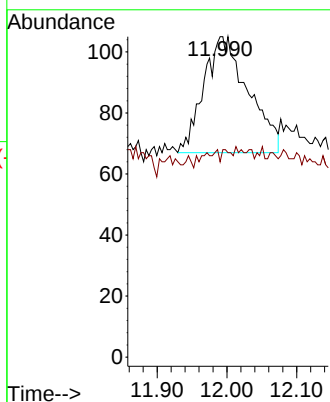
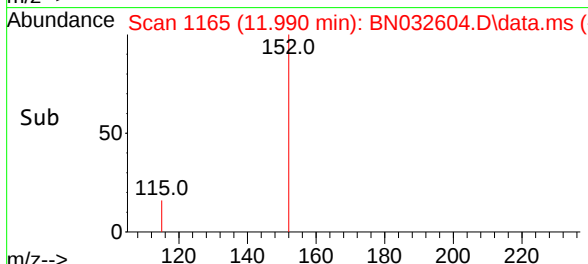
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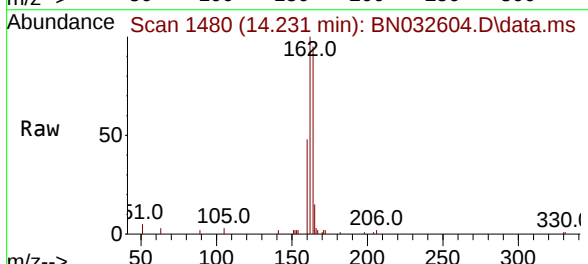
Tgt Ion:152 Resp: 165
Ion Ratio Lower Upper
152 100
151 2.4 16.4 24.6

Manual Integrations
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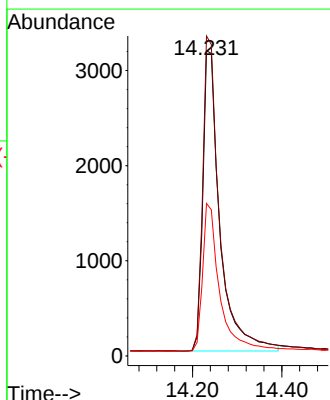
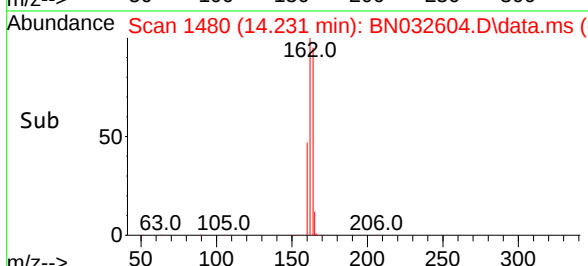
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

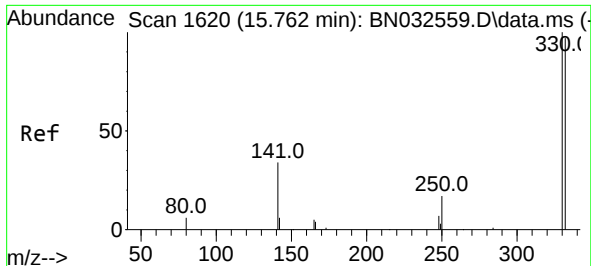


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36



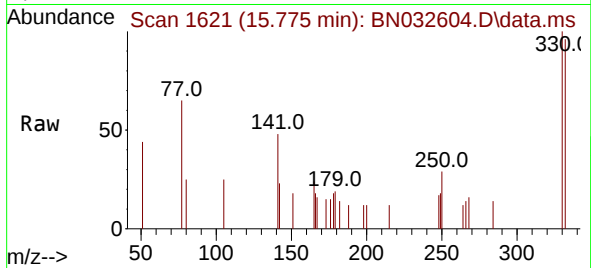
Tgt Ion:164 Resp: 8400
Ion Ratio Lower Upper
164 100
162 104.9 83.2 124.8
160 50.0 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

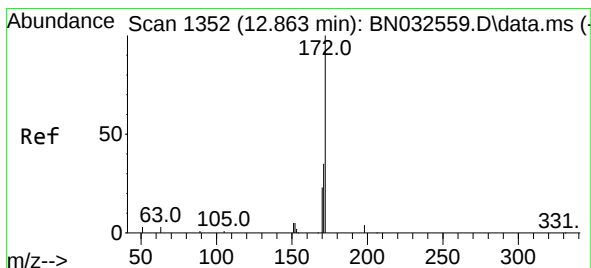
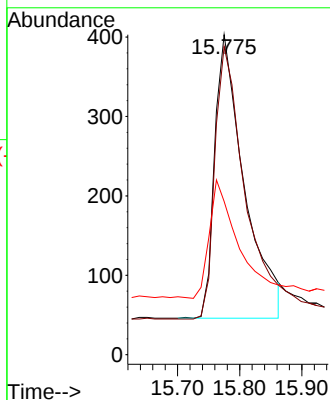
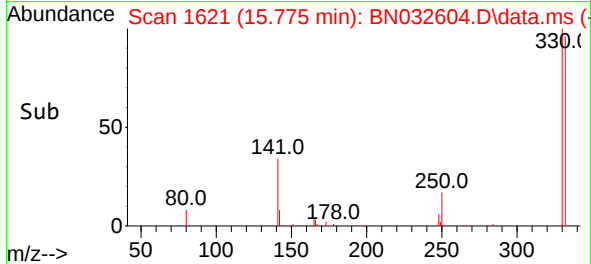
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VPB189-HYD-20240703RE



Tgt Ion: 330 Resp: 118
Ion Ratio Lower Upper
330 100
332 97.7 77.7 116.5
141 40.6 31.8 47.8

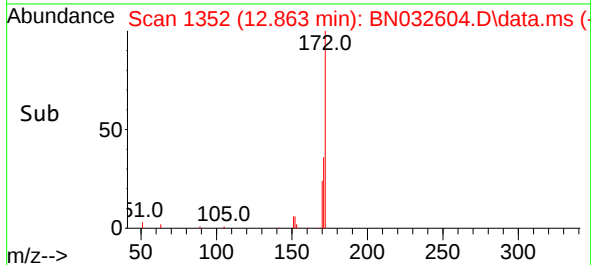
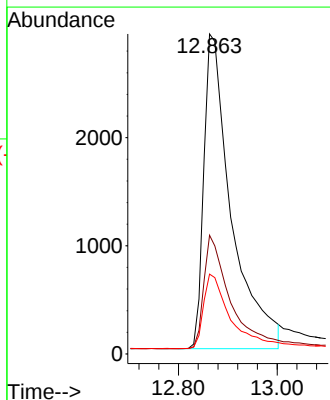
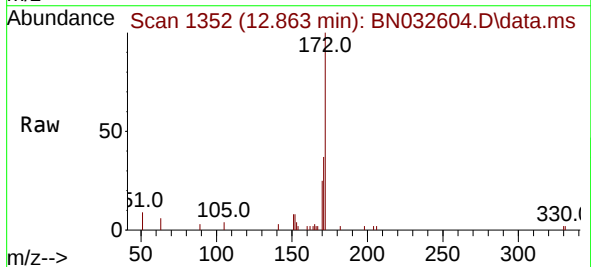
Manual Integrations
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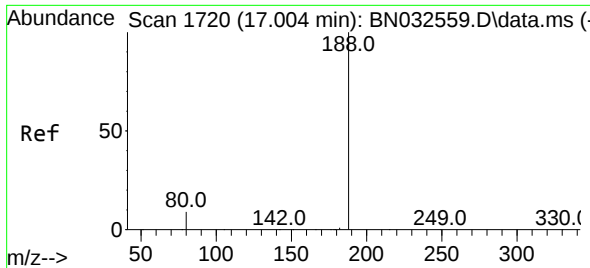
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.863 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

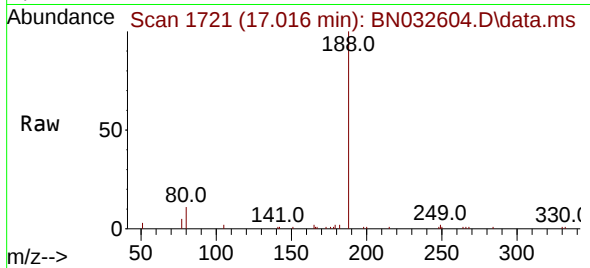
Tgt Ion: 172 Resp: 11265
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.9 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 1721
Delta R.T. 0.012 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

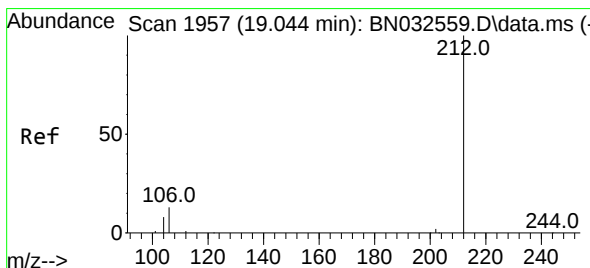
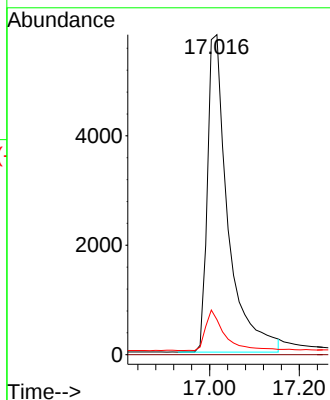
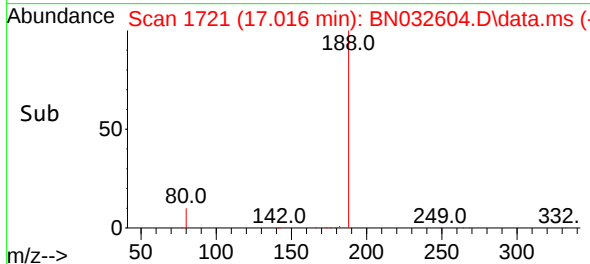
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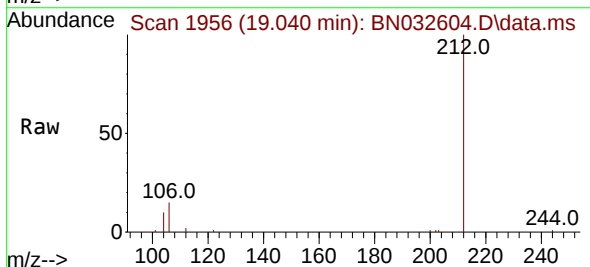
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 7.8 11.6

Manual Integrations
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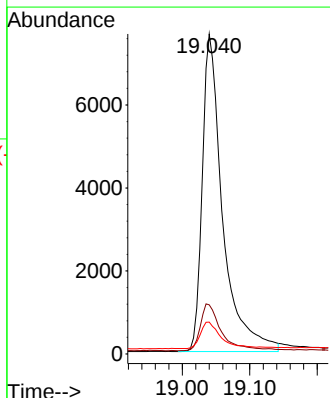
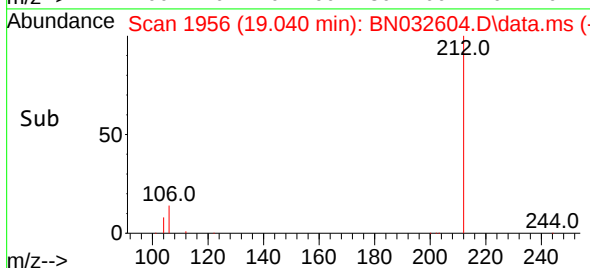
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

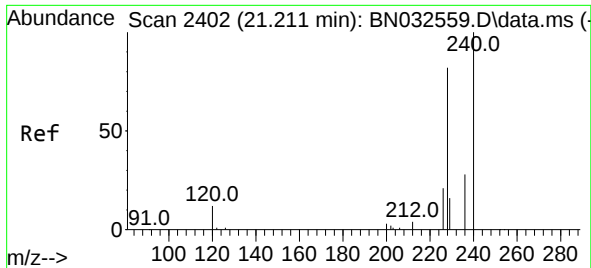


#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.040 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36



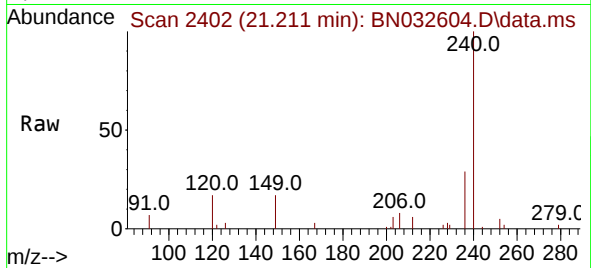
Tgt Ion:212 Resp: 16082
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.8
104 8.4 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

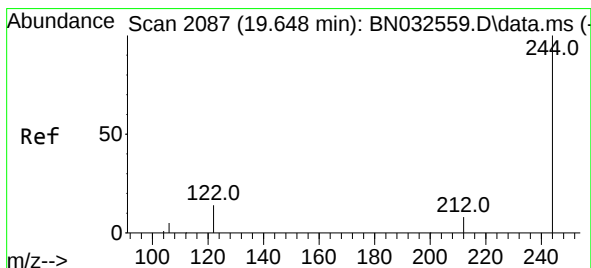
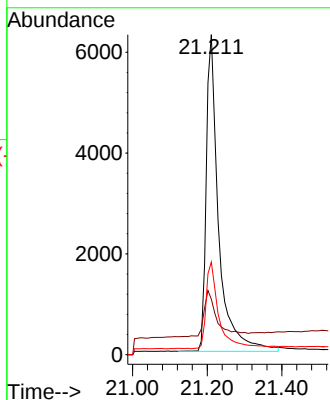
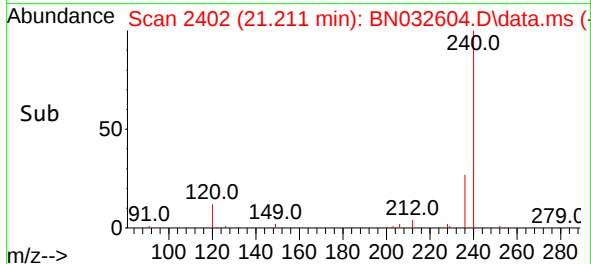
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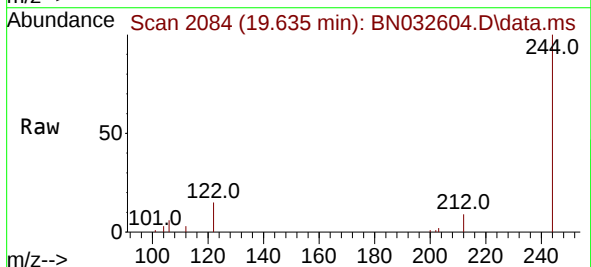
Tgt Ion:240 Resp: 14458
Ion Ratio Lower Upper
240 100
120 17.3 13.0 19.4
236 28.9 23.1 34.7

Manual Integrations
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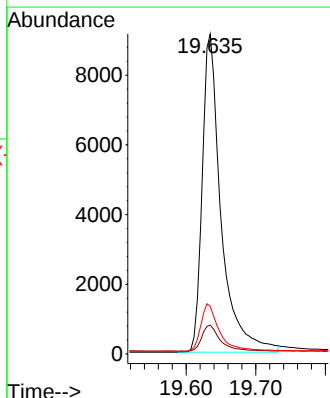
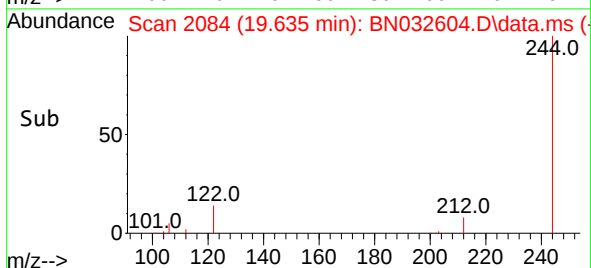
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

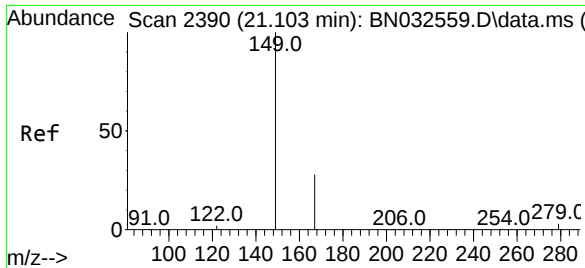


#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.635 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36



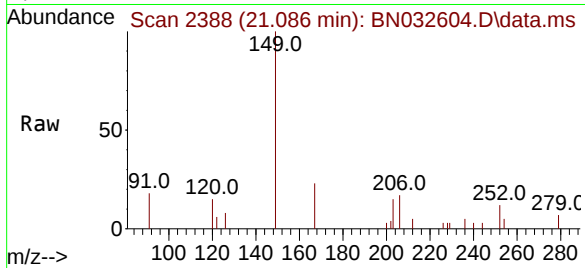
Tgt Ion:244 Resp: 17223
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 14.9 12.1 18.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.064 ng
RT: 21.086 min Scan# 2108
Delta R.T. -0.018 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

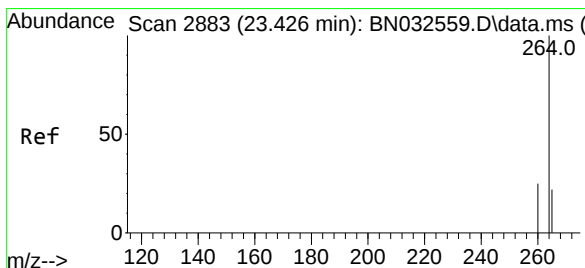
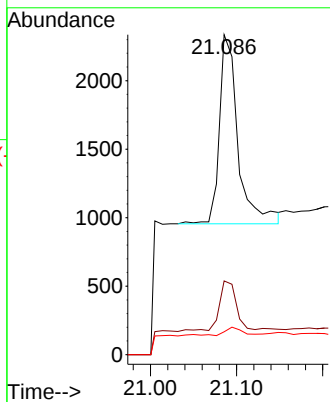
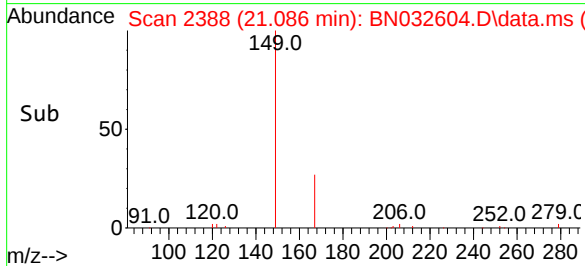
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240703RE



Tgt Ion:149 Resp: 206
Ion Ratio Lower Upper
149 100
167 25.1 21.6 32.4
279 3.9 3.0 4.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2882
Delta R.T. -0.003 min
Lab File: BN032604.D
Acq: 10 Jul 2024 01:36

Tgt Ion:264 Resp: 11819
Ion Ratio Lower Upper
264 100
260 26.3 21.0 31.6
265 129.5 76.6 115.0#

