

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035755.D
 Acq On : 20 Dec 2024 23:09
 Operator : RC/JU
 Sample : P5317-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20241217

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 01:44:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2814	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7435	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	5099	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10381	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8559	0.400	ng	# 0.00
35) Perylene-d12	23.041	264	8468	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1005	0.143	ng	0.00
5) Phenol-d6	6.492	99	559	0.066	ng	0.00
8) Nitrobenzene-d5	8.408	82	2034m	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	5004	0.430	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	780	0.215	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	7522	0.390	ng	0.00
27) Fluoranthene-d10	18.757	212	13546	0.460	ng	0.00
31) Terphenyl-d14	19.389	244	12977	0.769	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	3263	1.213	ng	97
34) Bis(2-ethylhexyl)phtha...	20.911	149	1174	0.099	ng	# 96

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

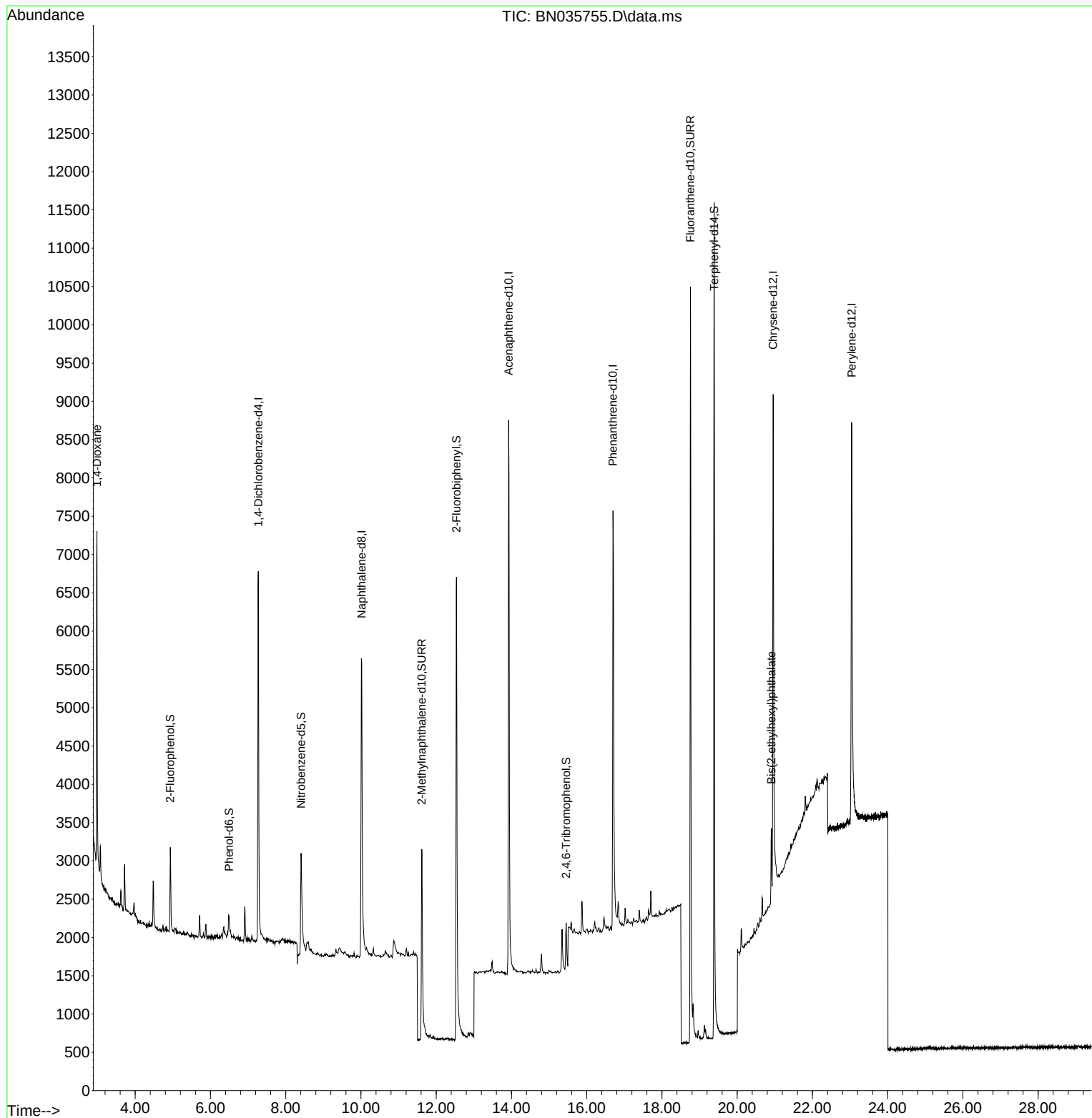
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035755.D
Acq On : 20 Dec 2024 23:09
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Sample : P5317-09
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ALS Vial : 46 Sample Multiplier: 1

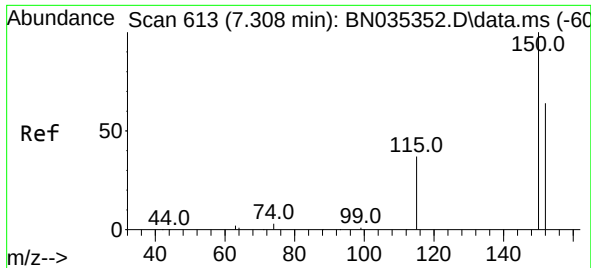
Instrument :
BNA_N
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TT158S1-20241217

Quant Time: Dec 21 01:44:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
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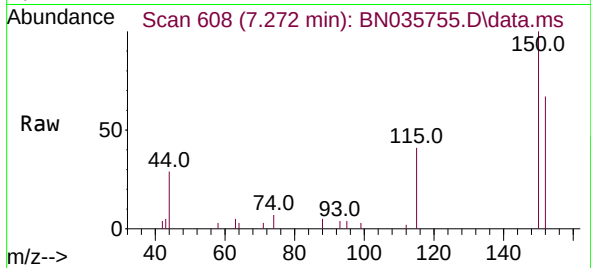
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035755.D
 Acq: 20 Dec 2024 23:09

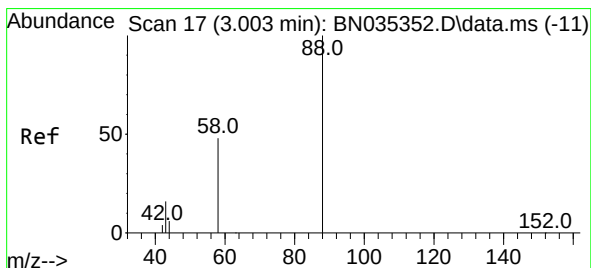
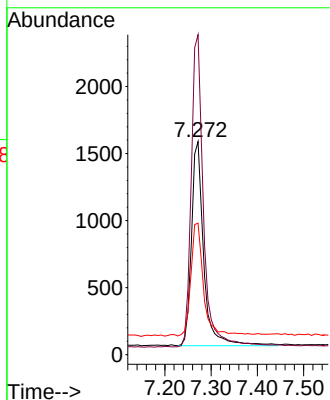
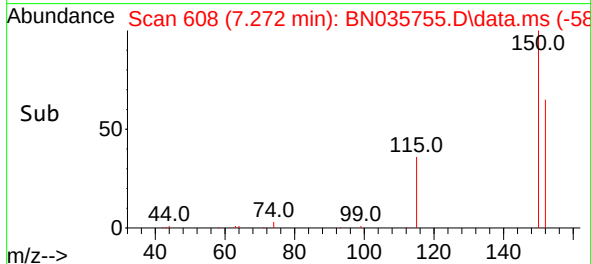
Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20241217



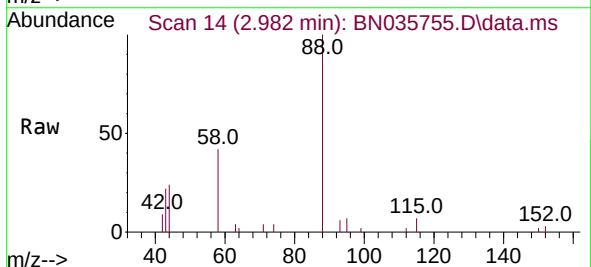
Tgt Ion: 152 Resp: 2814
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.0 186.0
 115 61.7 49.6 74.4

Manual Integrations
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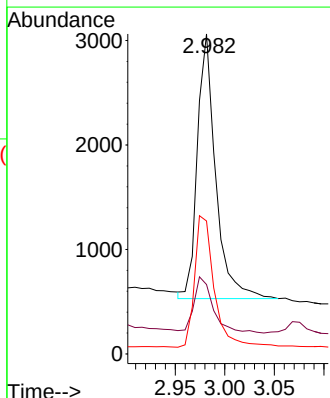
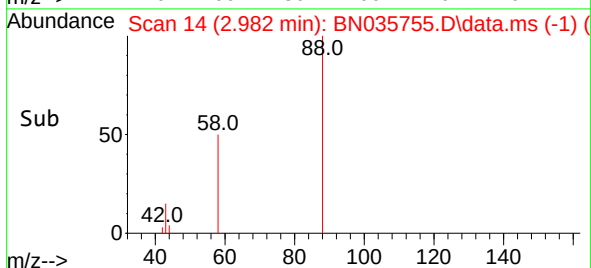
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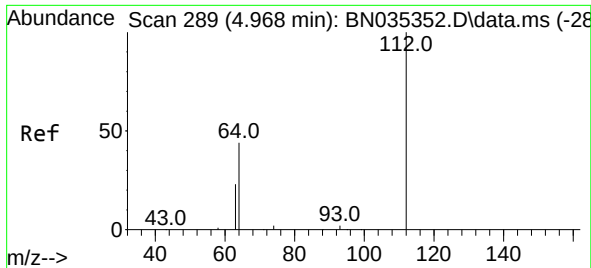


#2
 1,4-Dioxane
 Concen: 1.213 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035755.D
 Acq: 20 Dec 2024 23:09



Tgt Ion: 88 Resp: 3263
 Ion Ratio Lower Upper
 88 100
 43 22.4 17.2 25.8
 58 52.7 44.5 66.7





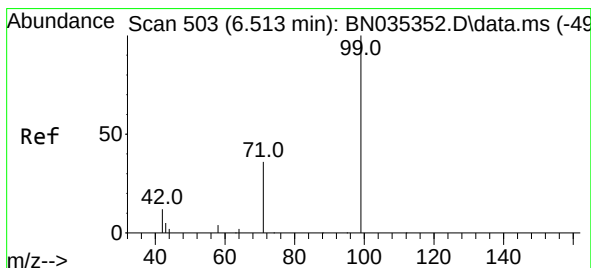
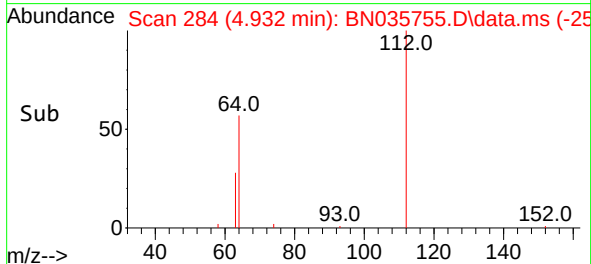
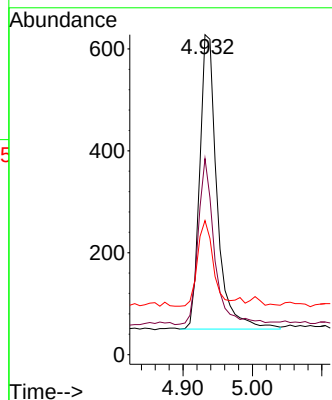
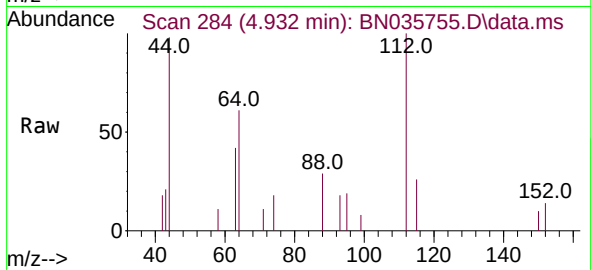
#4
2-Fluorophenol
Concen: 0.143 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217

Tgt Ion: 112 Resp: 100
Ion Ratio Lower Upper
112 100
64 53.0 39.8 59.8
63 26.9 21.0 31.6

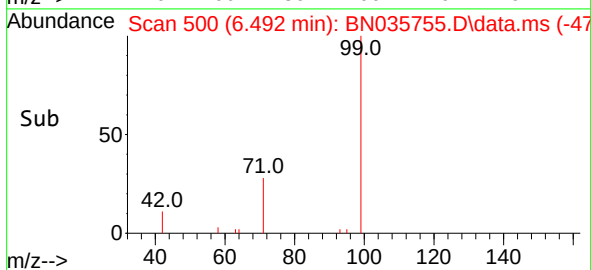
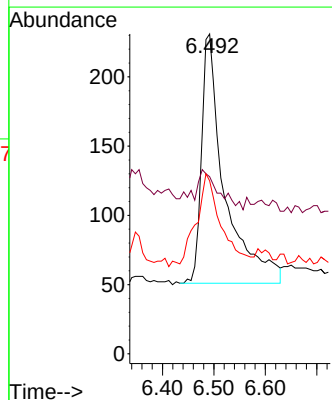
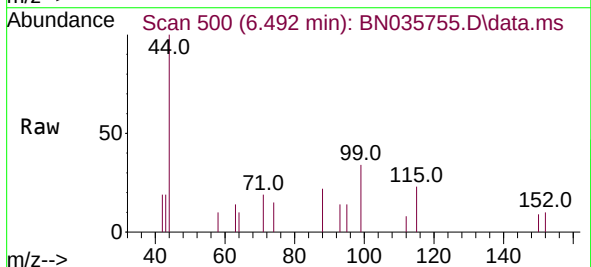
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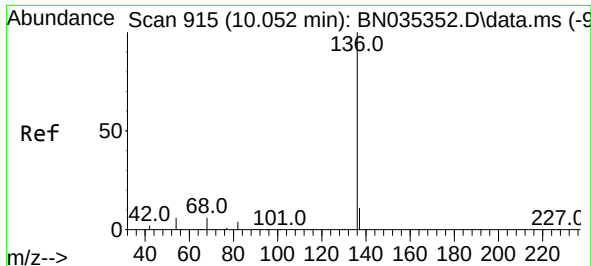
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#5
Phenol-d6
Concen: 0.066 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

Tgt Ion: 99 Resp: 559
Ion Ratio Lower Upper
99 100
42 13.8 11.4 17.2
71 36.5 29.3 43.9





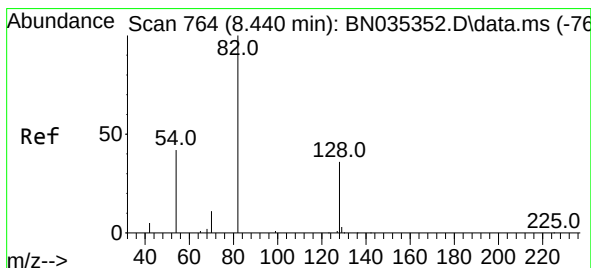
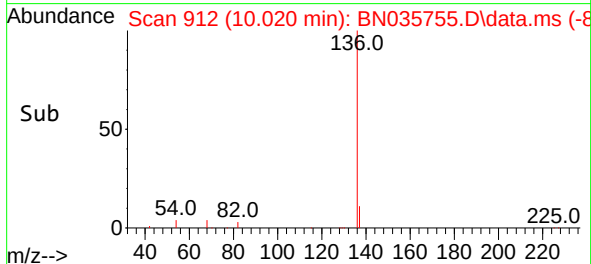
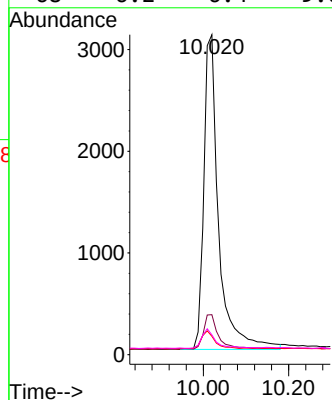
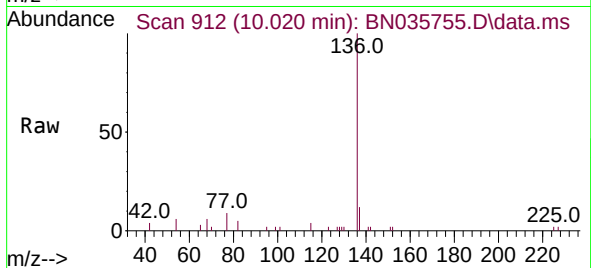
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217

Tgt Ion:	136	Resp:	743
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.2	15.2
54	5.8	6.1	9.1
68	6.2	6.4	9.6

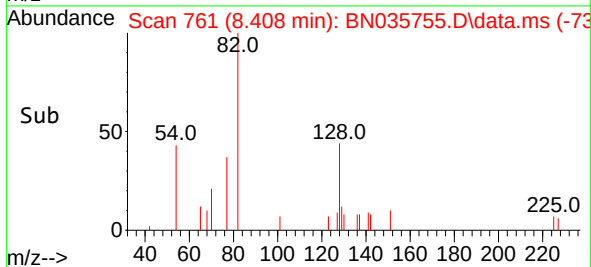
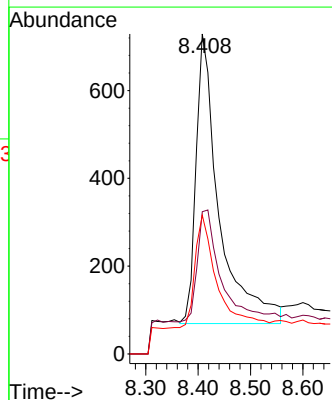
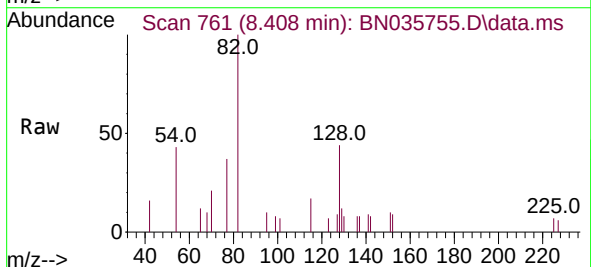
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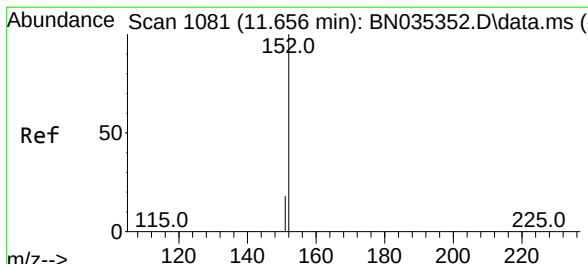
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Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.448 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

Tgt Ion:	82	Resp:	2034
Ion Ratio	Lower	Upper	
82	100		
128	44.4	33.4	50.0
54	43.3	36.7	55.1





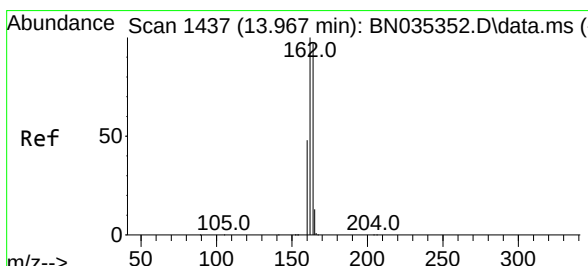
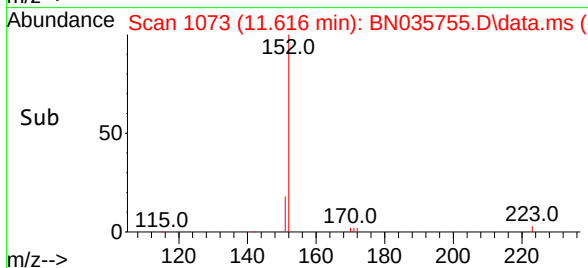
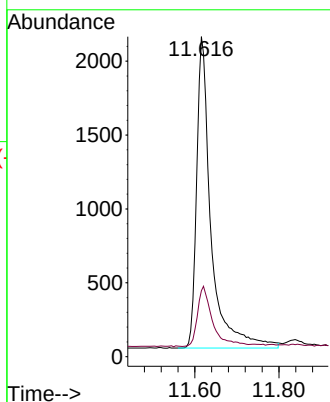
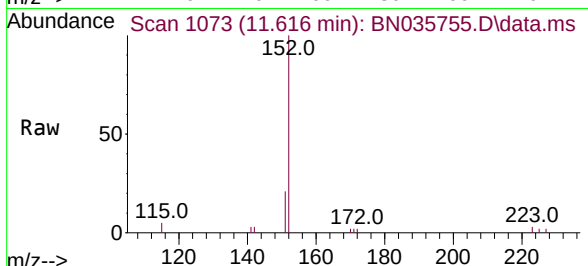
#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 11.616 min Scan# 1081
 Delta R.T. -0.005 min
 Lab File: BN035755.D
 Acq: 20 Dec 2024 23:09

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20241217

Tgt Ion:152 Resp: 5004
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.6 25.0

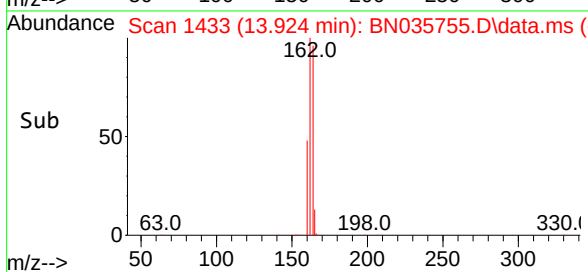
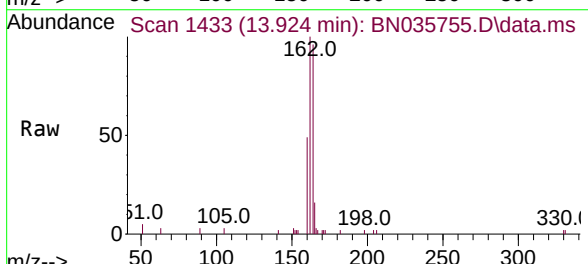
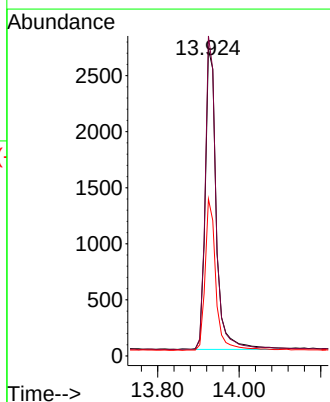
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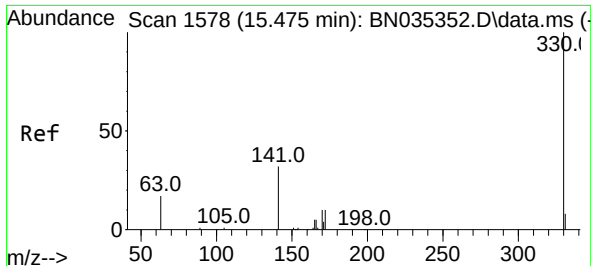
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 Supervised By :mohammad ahmed 12/24/2024



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.924 min Scan# 1433
 Delta R.T. -0.011 min
 Lab File: BN035755.D
 Acq: 20 Dec 2024 23:09

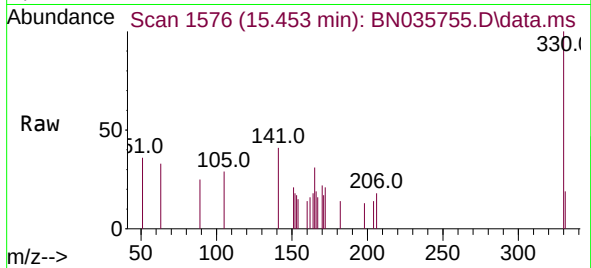
Tgt Ion:164 Resp: 5099
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.2 123.2
 160 51.1 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

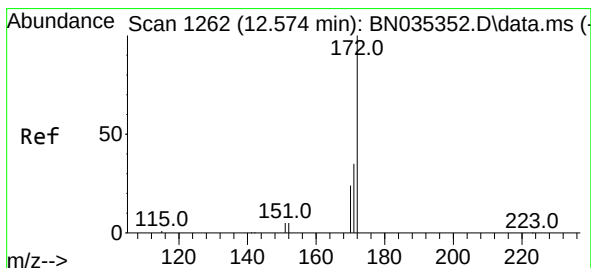
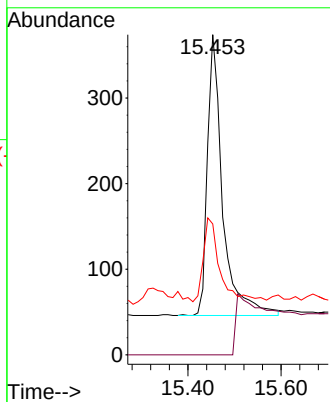
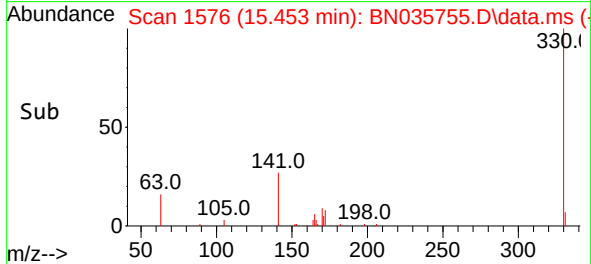
Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217



Tgt Ion:330 Resp: 780
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.9 26.6 40.0

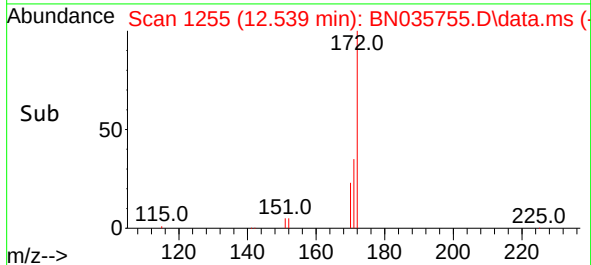
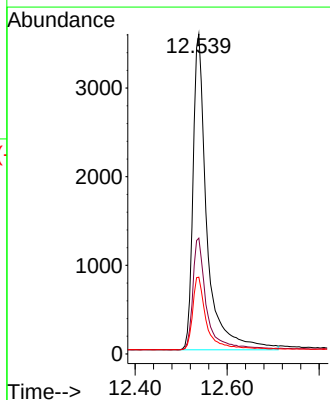
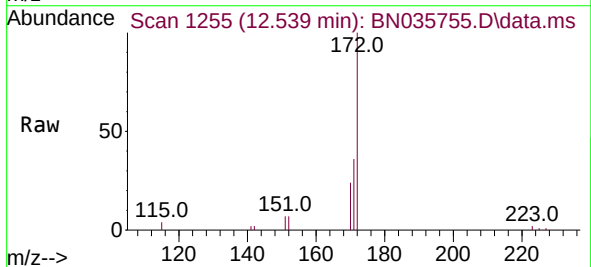
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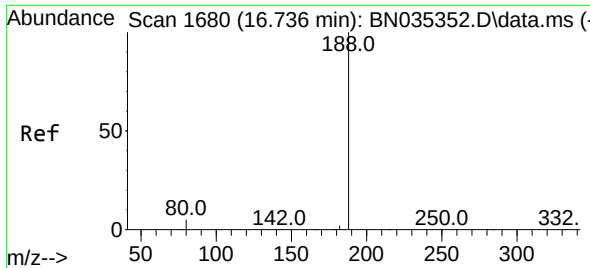
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Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

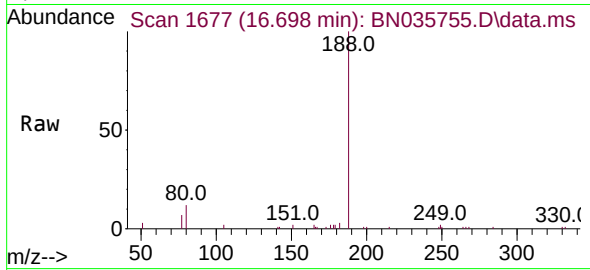
Tgt Ion:172 Resp: 7522
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.0 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

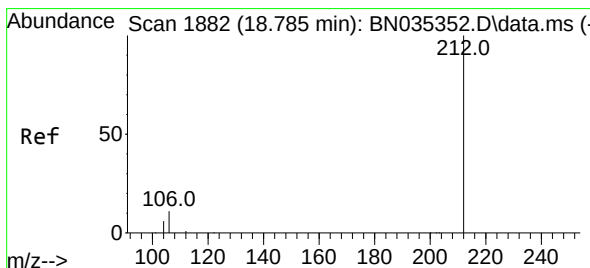
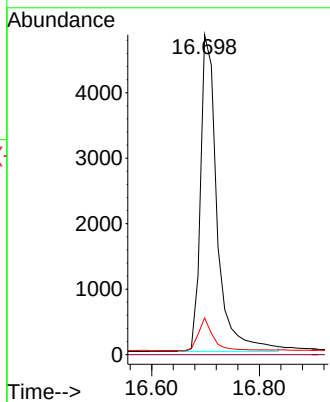
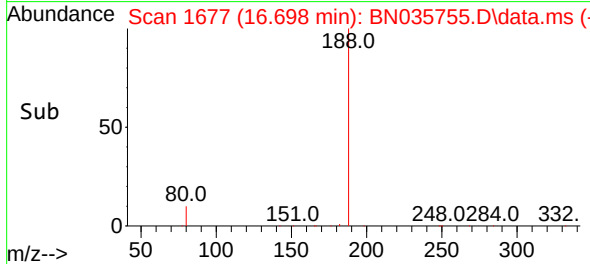
Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217



Tgt Ion:188 Resp: 1038
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 4.6 6.8

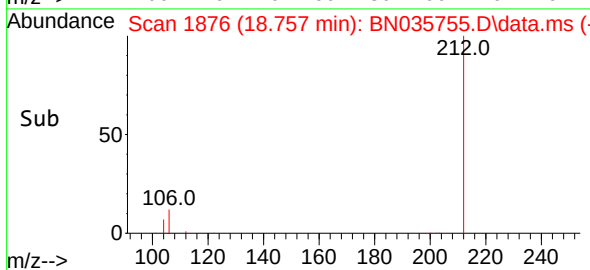
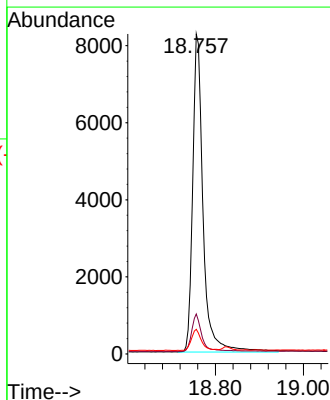
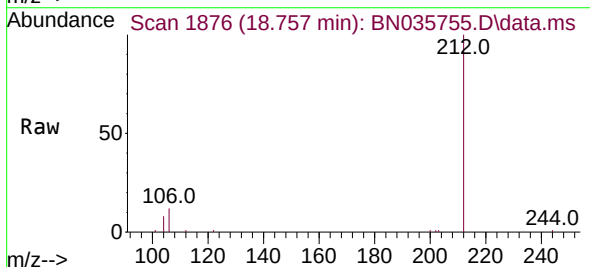
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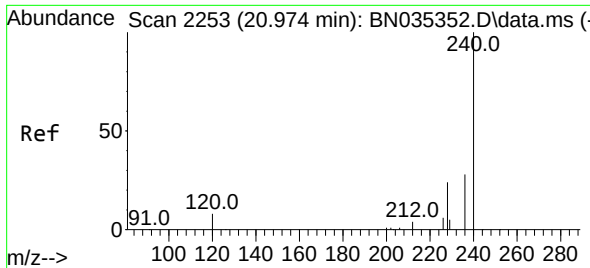
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

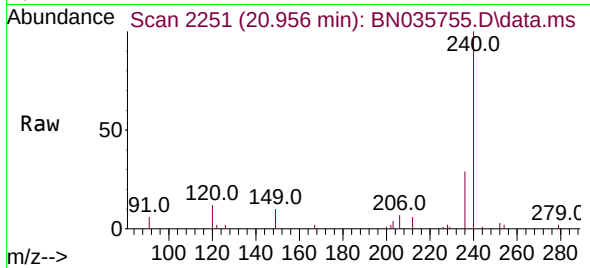
Tgt Ion:212 Resp: 13546
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.4 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

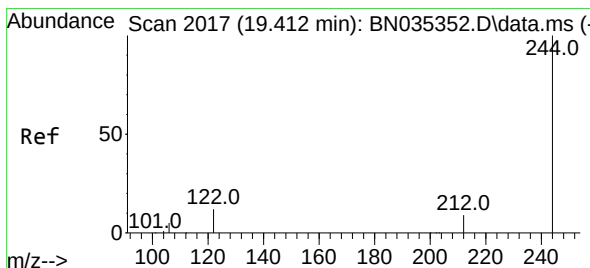
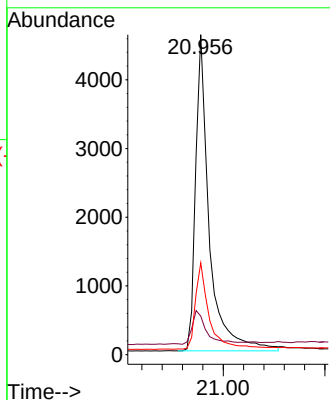
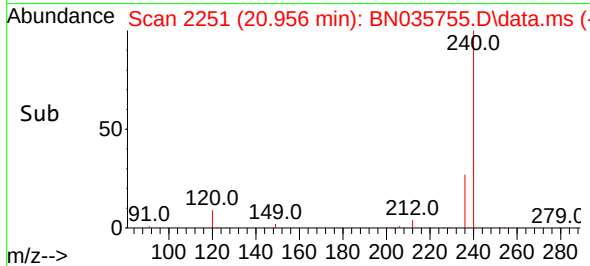
Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217



Tgt Ion:240 Resp: 8559
Ion Ratio Lower Upper
240 100
120 12.0 7.9 11.9
236 28.7 22.9 34.3

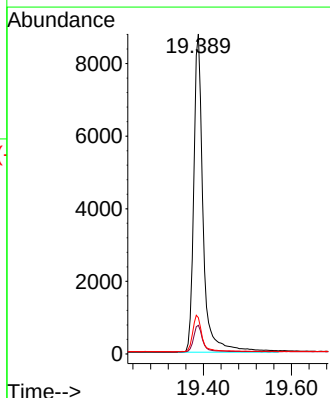
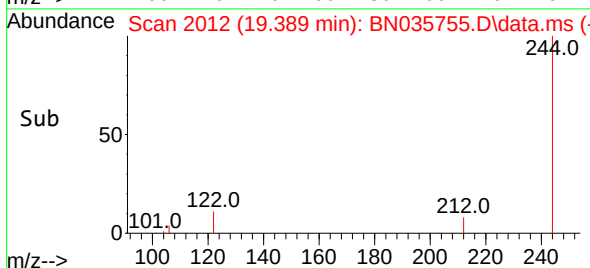
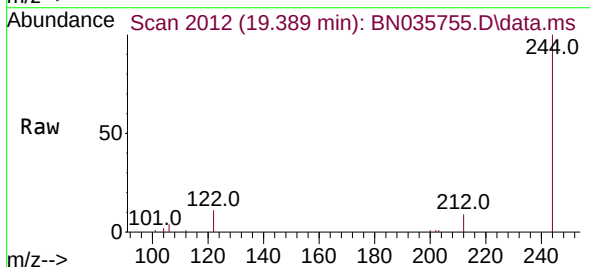
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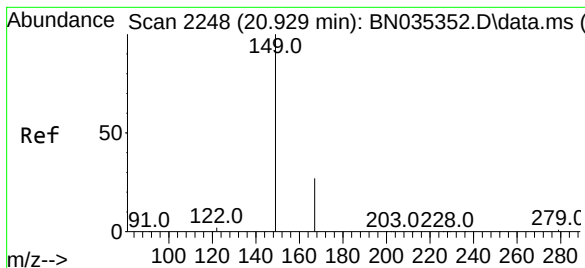
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.769 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

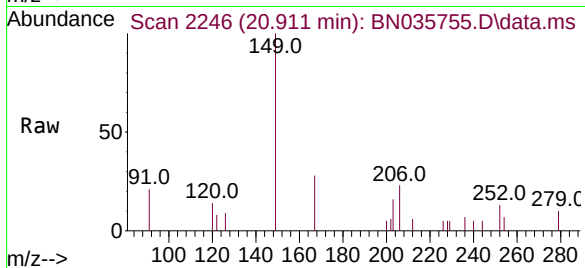
Tgt Ion:244 Resp: 12977
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 11.4 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 20.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

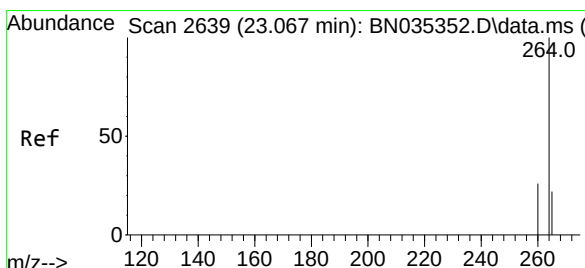
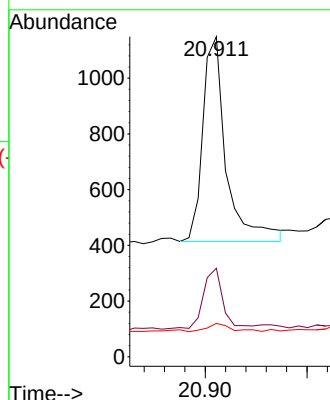
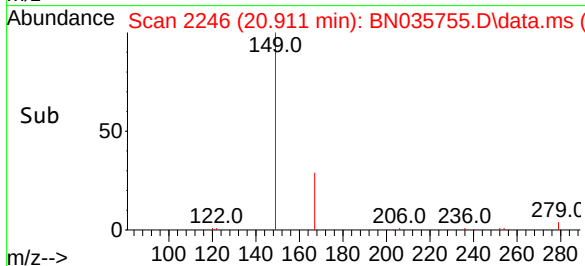
Instrument :
BNA_N
ClientSampleId :
TT158S1-20241217



Tgt Ion:149 Resp: 1174
Ion Ratio Lower Upper
149 100
167 25.3 22.2 33.4
279 4.1 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 2630
Delta R.T. -0.000 min
Lab File: BN035755.D
Acq: 20 Dec 2024 23:09

Tgt Ion:264 Resp: 8468
Ion Ratio Lower Upper
264 100
260 26.4 21.4 32.2
265 81.0 40.2 60.4

