

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035797.D
 Acq On : 24 Dec 2024 00:03
 Operator : RC/JU
 Sample : P5281-05
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20241213

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 01:01:41 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	7.264	152	3510	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8407	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4886	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9472	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7607	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7540	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1083	0.123	ng	0.00
5) Phenol-d6	6.484	99	636	0.060	ng	0.00
8) Nitrobenzene-d5	8.408	82	2385m	0.464	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	4871	0.370	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	741	0.214	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7441	0.403	ng	-0.02
27) Fluoranthene-d10	18.752	212	12361	0.460	ng	0.00
31) Terphenyl-d14	19.379	244	9290	0.619	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	1740	0.519	ng	96
34) Bis(2-ethylhexyl)phtha...	20.902	149	1153	0.110	ng	# 96

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

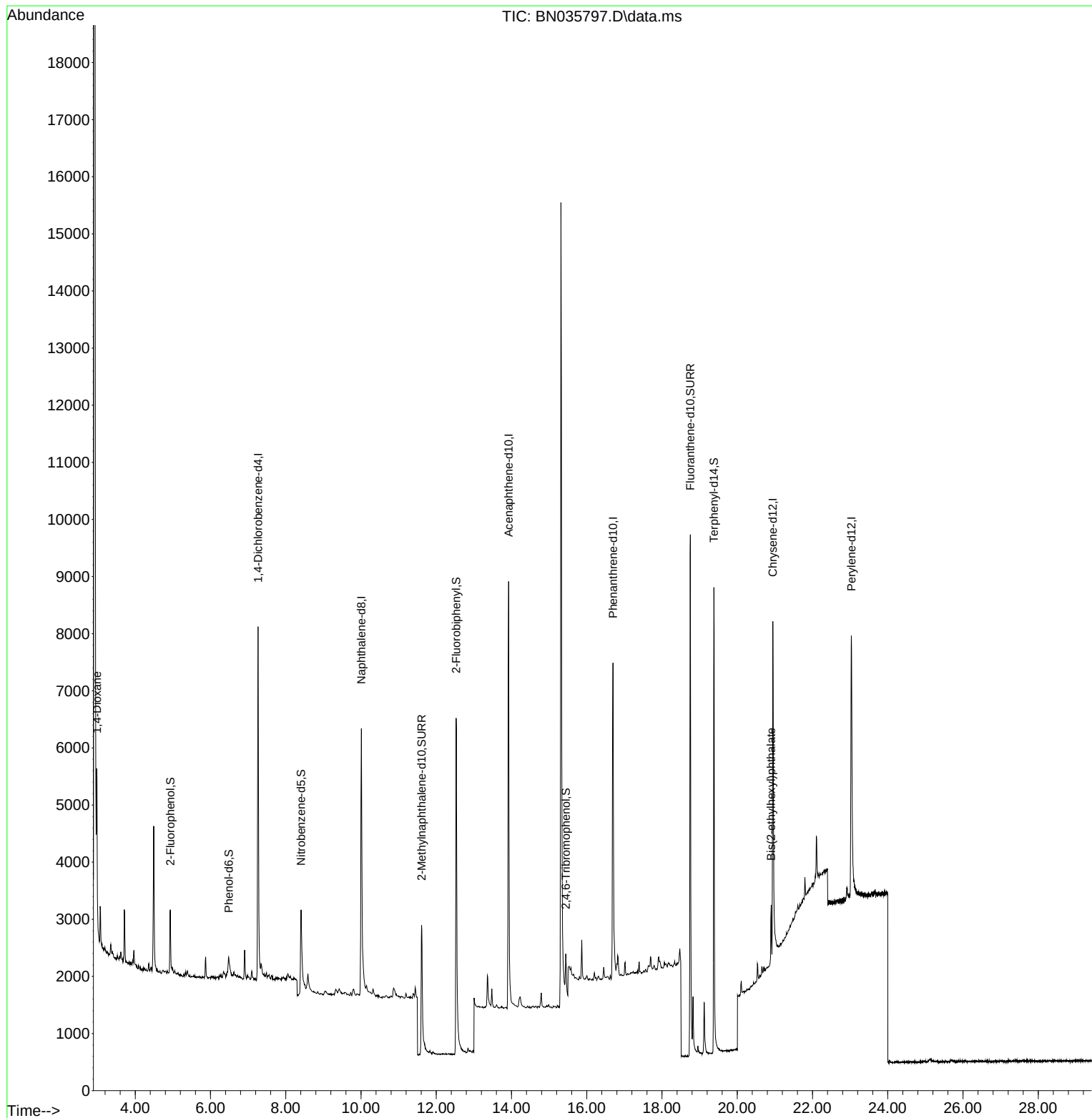
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035797.D
Acq On : 24 Dec 2024 00:03
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ALS Vial : 79 Sample Multiplier: 1

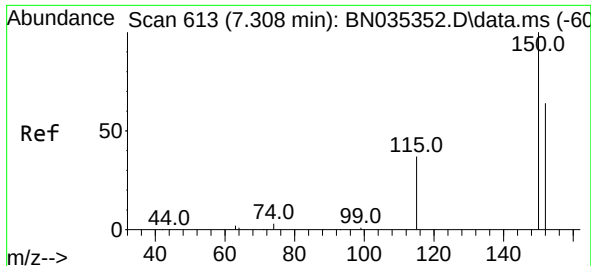
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213

Quant Time: Dec 24 01:01:41 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

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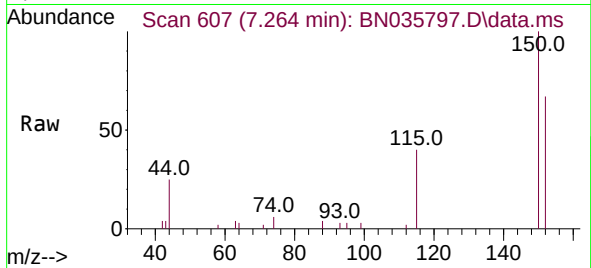
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

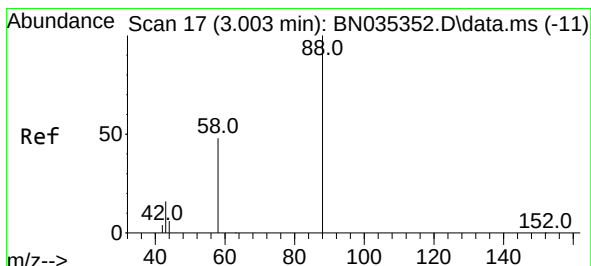
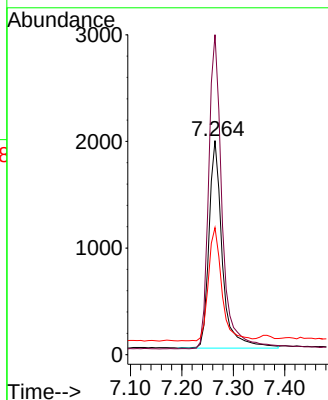
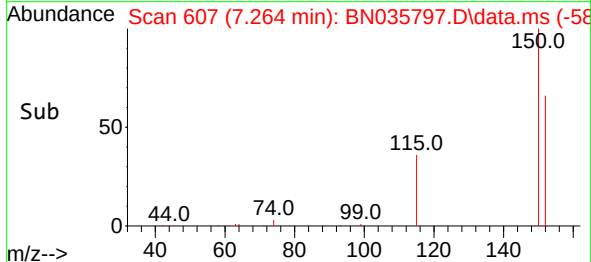
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213



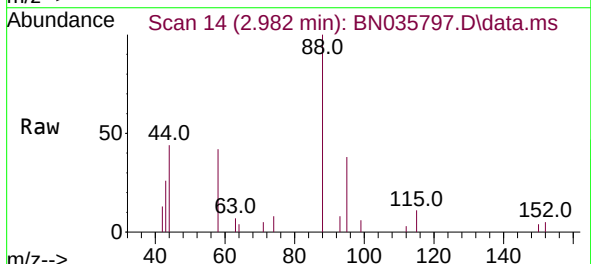
Tgt Ion: 152 Resp: 3510
Ion Ratio Lower Upper
152 100
150 149.5 124.0 186.0
115 59.4 49.6 74.4

Manual Integrations
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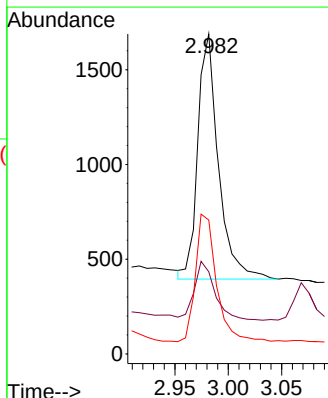
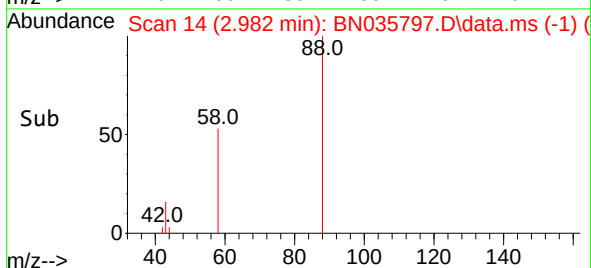
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

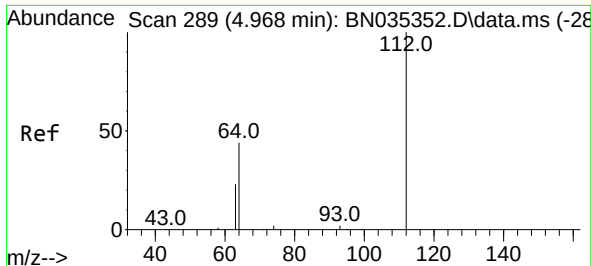


#2
1,4-Dioxane
Concen: 0.519 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03



Tgt Ion: 88 Resp: 1740
Ion Ratio Lower Upper
88 100
43 23.8 17.2 25.8
58 52.6 44.5 66.7





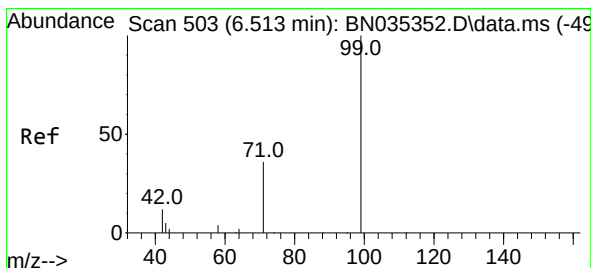
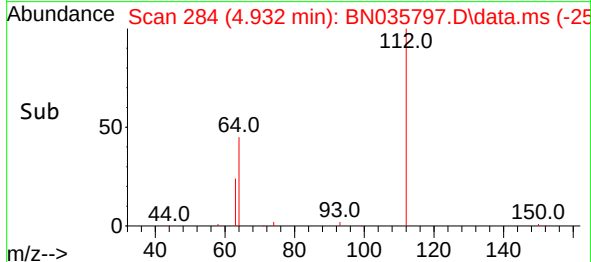
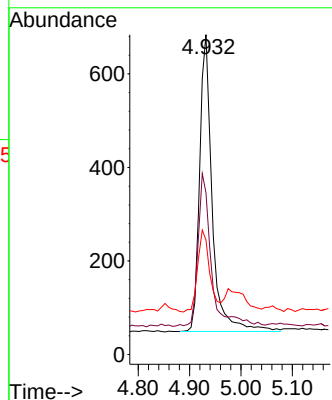
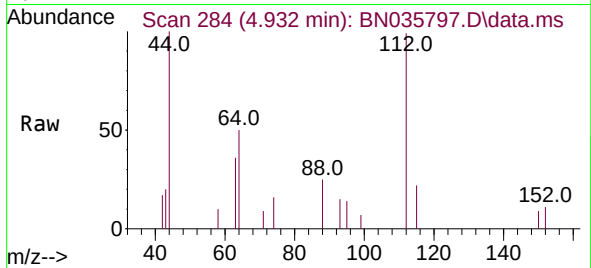
#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213

Tgt Ion:112 Resp: 108
Ion Ratio Lower Upper
112 100
64 54.1 39.8 59.8
63 26.4 21.0 31.6

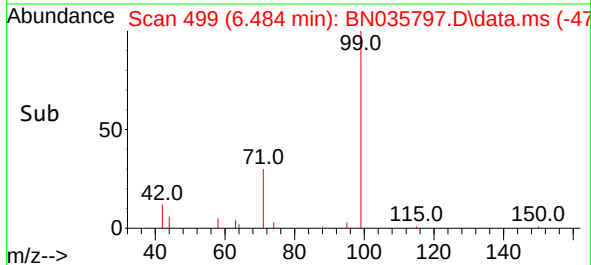
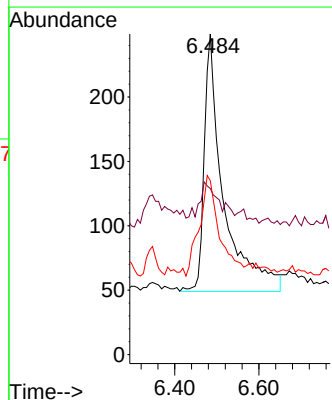
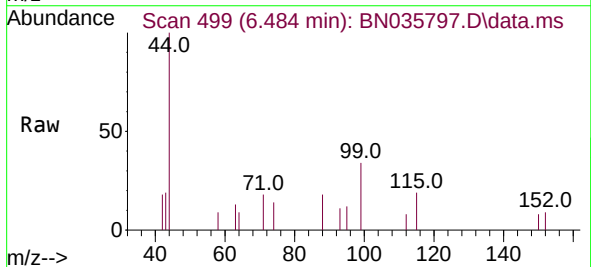
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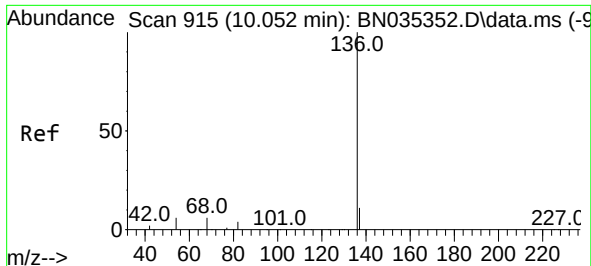
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

Tgt Ion: 99 Resp: 636
Ion Ratio Lower Upper
99 100
42 10.7 11.4 17.2#
71 40.7 29.3 43.9





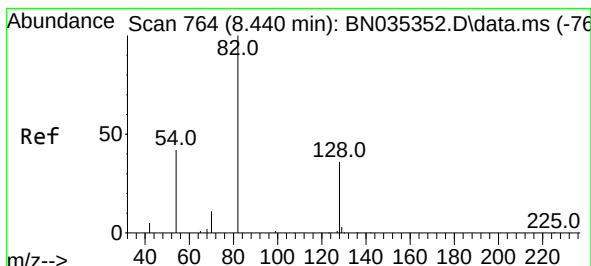
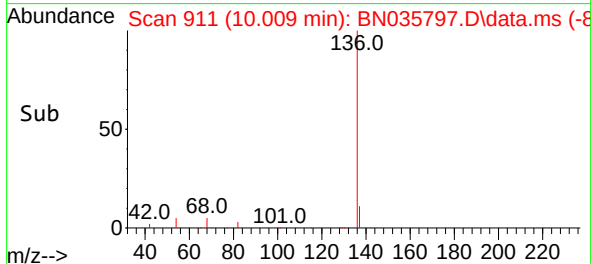
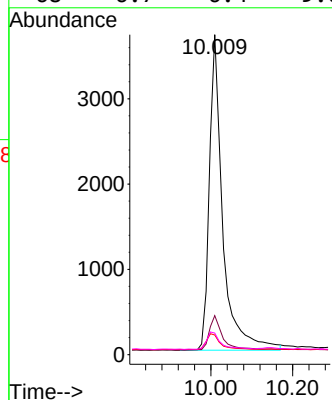
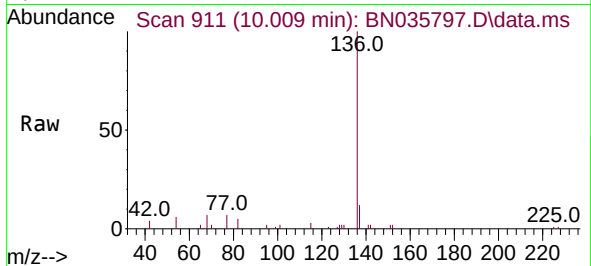
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213

Tgt Ion:	136	Resp:	840
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.2	15.2
54	6.2	6.1	9.1
68	6.7	6.4	9.6

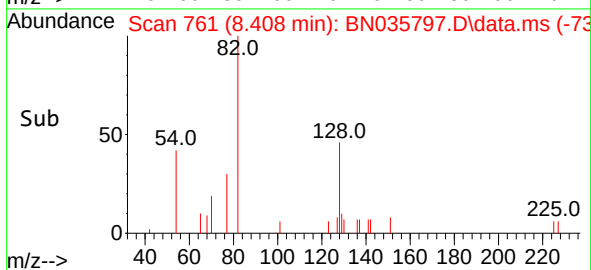
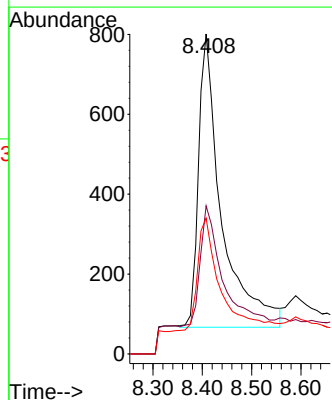
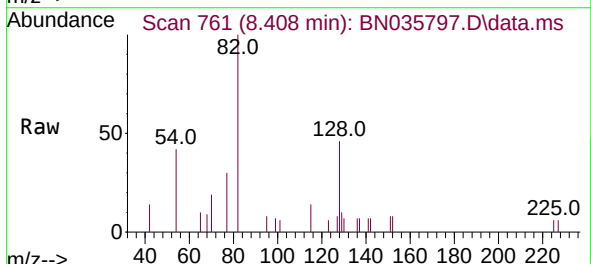
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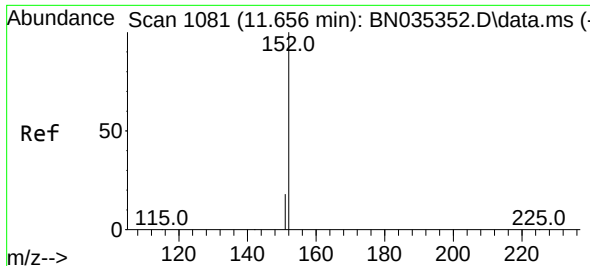
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.464 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

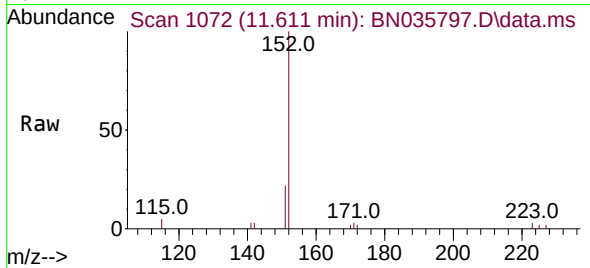
Tgt Ion:	82	Resp:	2385
Ion Ratio	Lower	Upper	
82	100		
128	46.3	33.4	50.0
54	42.4	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.611 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

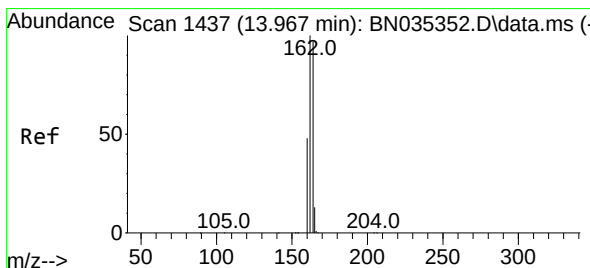
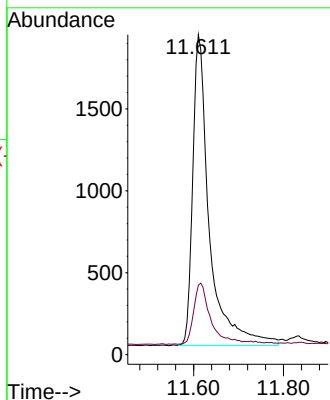
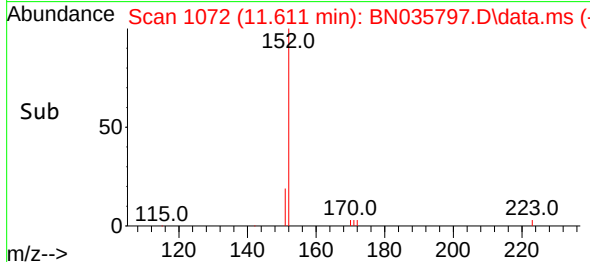
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BNA_N
ClientSampleId :
RE117D1-20241213



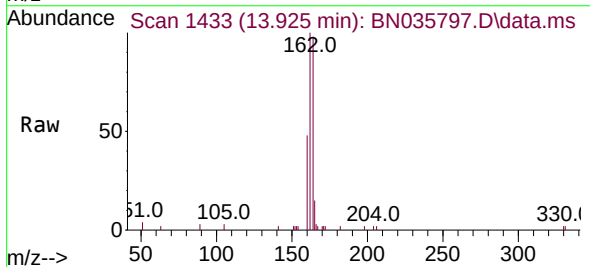
Tgt Ion:152 Resp: 487
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0

Manual Integrations
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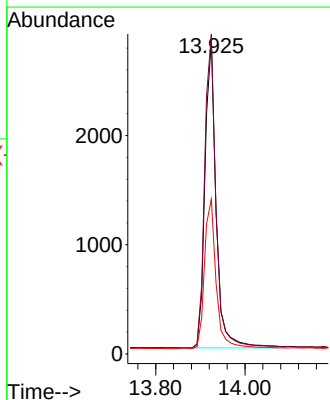
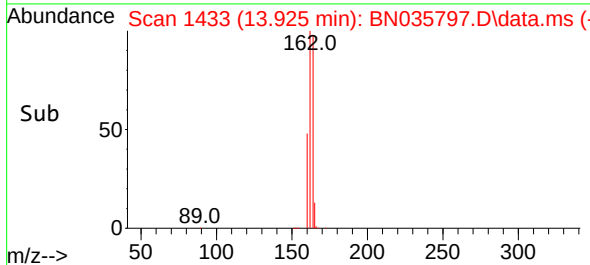
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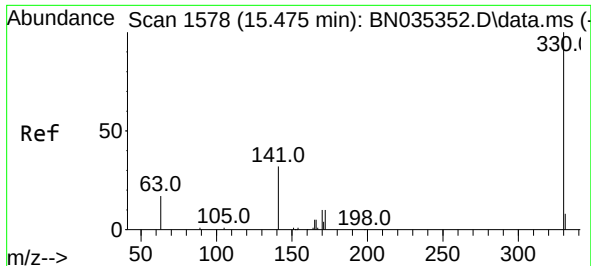


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03



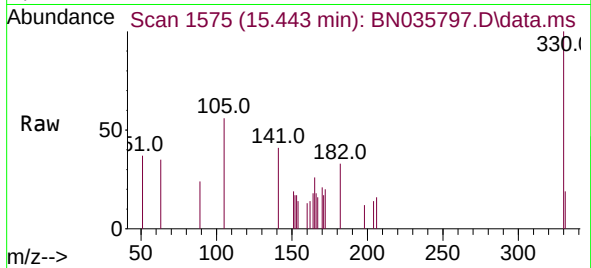
Tgt Ion:164 Resp: 4886
Ion Ratio Lower Upper
164 100
162 102.2 82.2 123.2
160 49.4 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

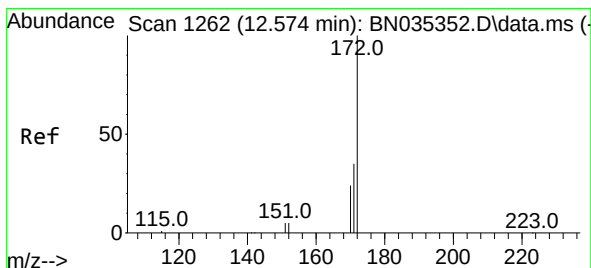
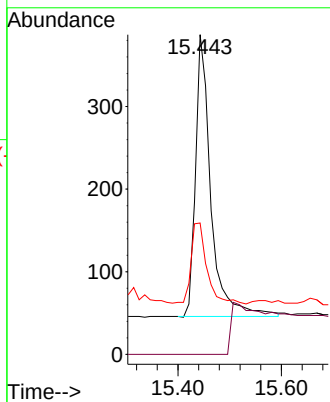
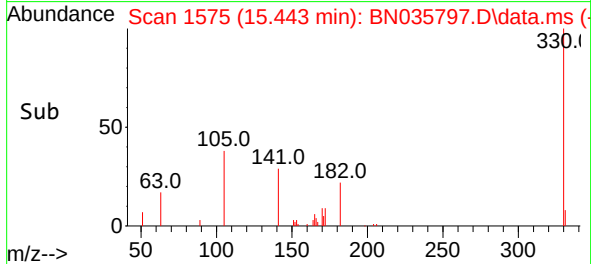
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213



Tgt Ion:330 Resp: 74
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 26.6 40.0

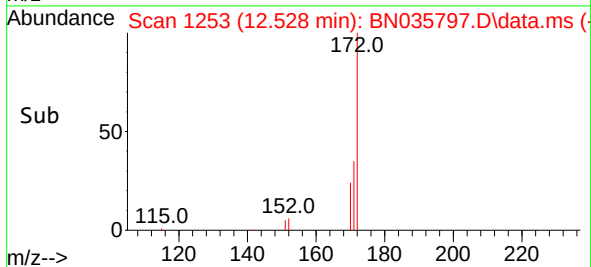
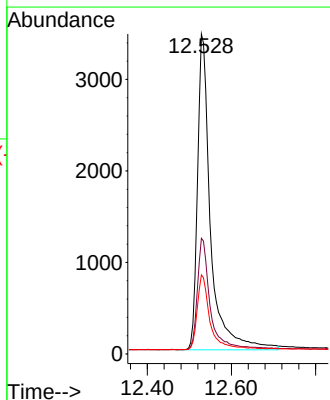
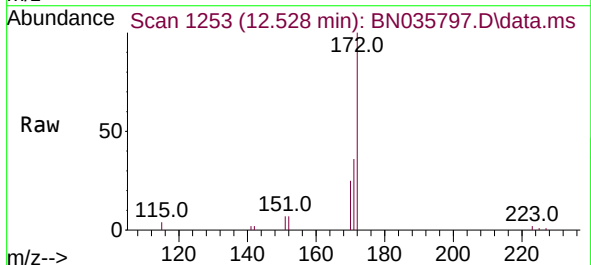
Manual Integrations
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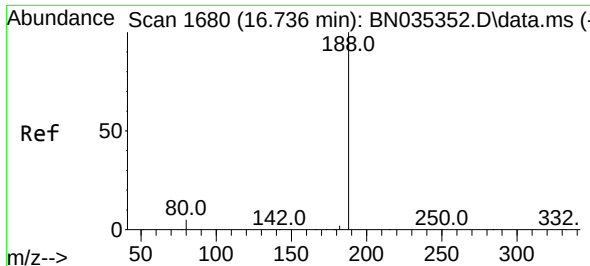
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

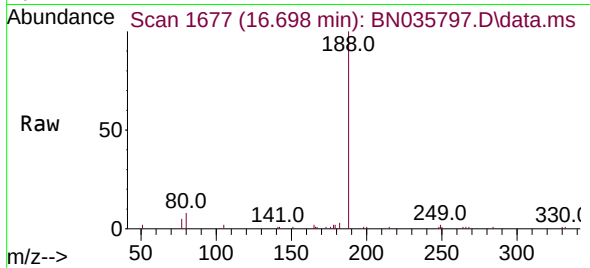
Tgt Ion:172 Resp: 7441
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.7 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

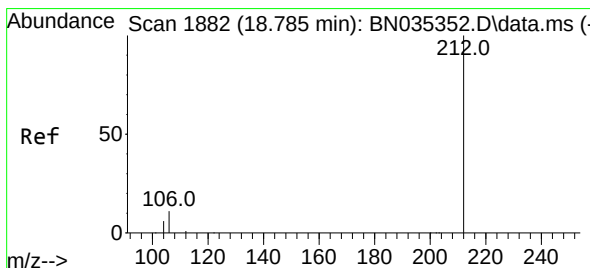
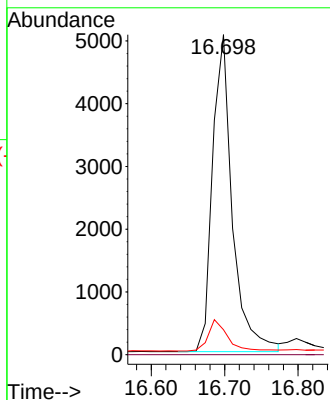
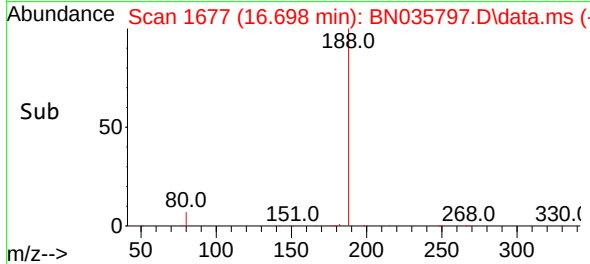
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213



Tgt Ion:188 Resp: 9472
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 4.6 6.8

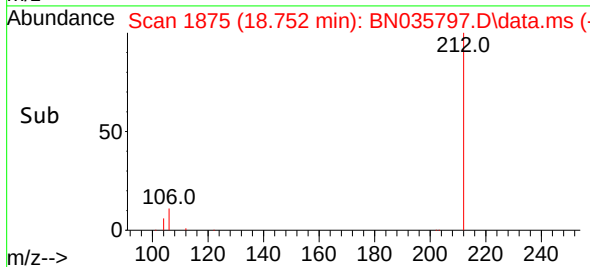
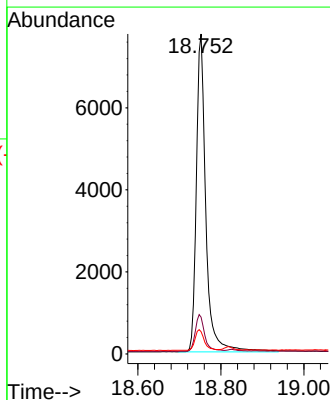
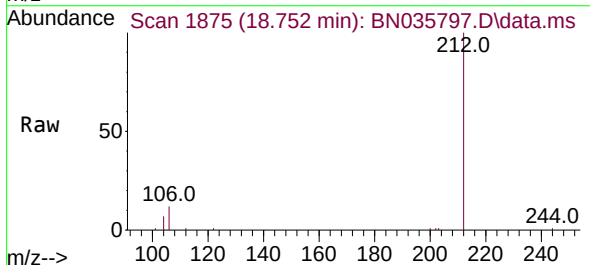
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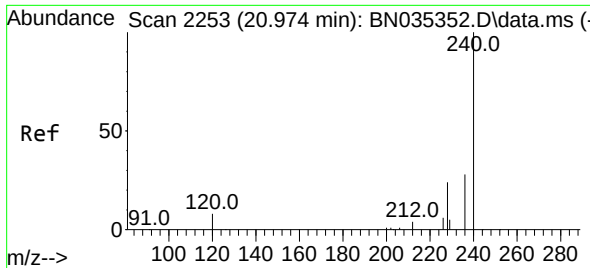
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

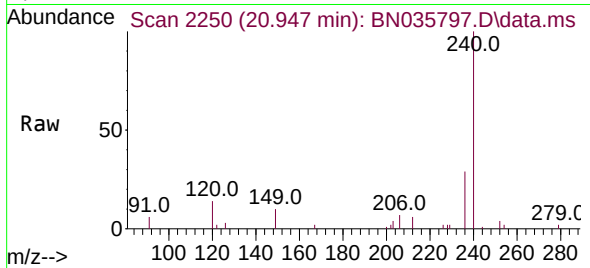
Tgt Ion:212 Resp: 12361
Ion Ratio Lower Upper
212 100
106 11.3 9.2 13.8
104 6.3 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

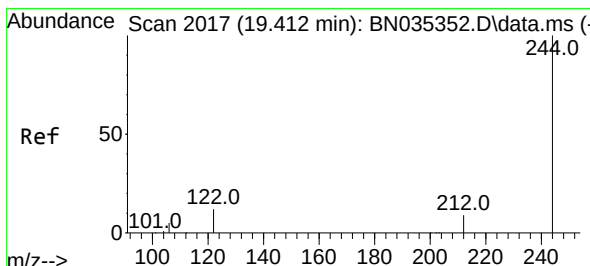
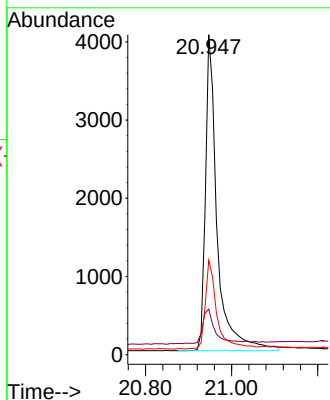
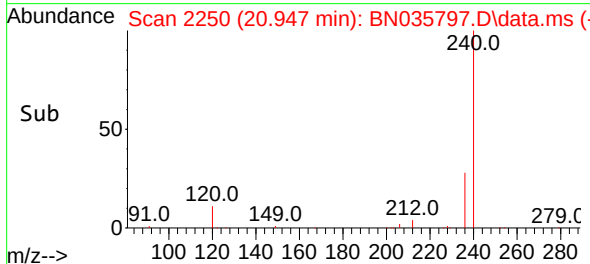
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213



Tgt Ion:240 Resp: 760
Ion Ratio Lower Upper
240 100
120 14.2 7.9 11.9
236 29.4 22.9 34.3

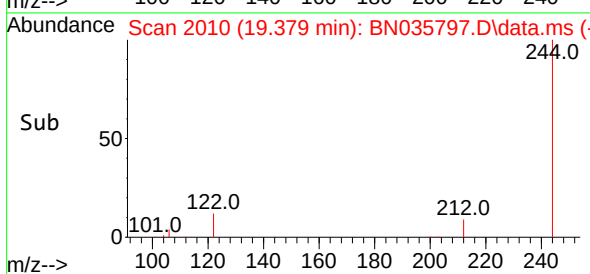
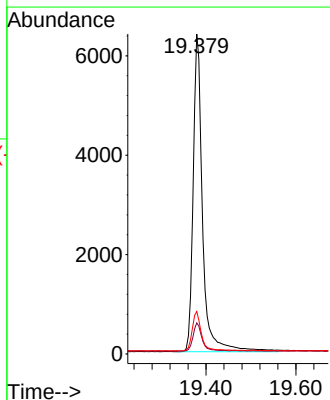
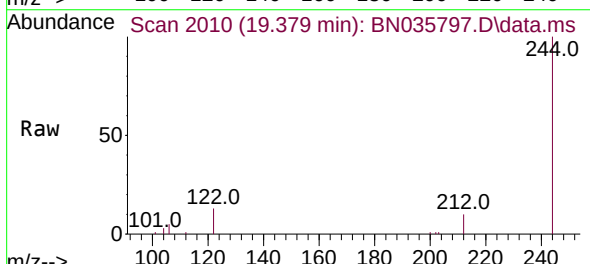
Manual Integrations
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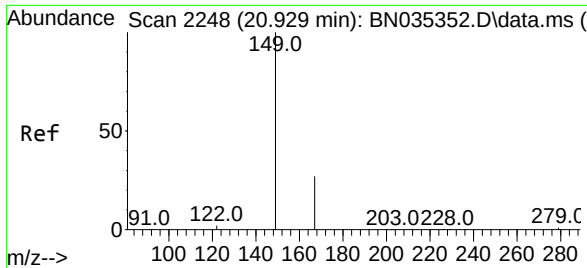
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.619 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

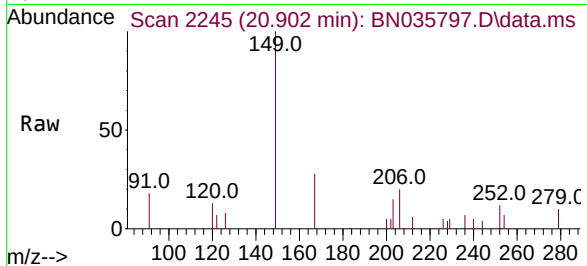
Tgt Ion:244 Resp: 9290
Ion Ratio Lower Upper
244 100
212 9.7 8.1 12.1
122 13.2 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 20.902 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

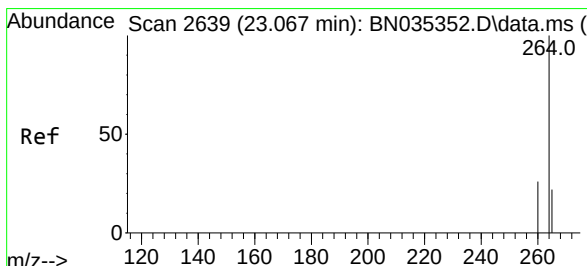
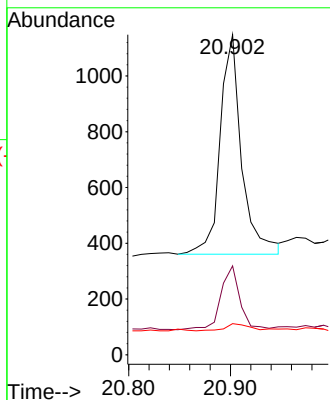
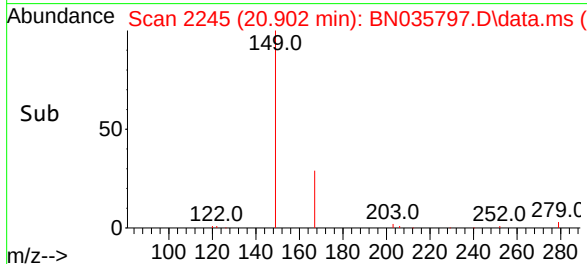
Instrument :
BNA_N
ClientSampleId :
RE117D1-20241213



Tgt Ion:149 Resp: 115
Ion Ratio Lower Upper
149 100
167 25.8 22.2 33.4
279 4.2 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035797.D
Acq: 24 Dec 2024 00:03

Tgt Ion:264 Resp: 7540
Ion Ratio Lower Upper
264 100
260 27.6 21.4 32.2
265 86.9 40.2 60.4

